

1. Agenda

Documents:

[091019 CC AGENDA2.PDF](#)

2. Meeting Materials

Documents:

[091019 CC PUBLIC AGENDA.PDF](#)

[091019 CC CONSENT AGENDA2.PDF](#)

# Grimes City Council Agenda

Grimes City Hall  
101 NE Harvey Street  
Grimes, Iowa 50111  
Phone | 515.986.3036  
www.grimesiowa.gov

**Mayor** | Scott Mikkelsen  
**City Council** | Jill Altringer, Eric Johansen,  
Jeremy Hamp, David Gisch, Ryan Burger

## Mission Statement

The mission of Grimes City Government is to provide excellent/exceptional city services and facilities in a financially responsible and community-friendly manner through a high performing city team that result in adding value to resident's lives.

## **AGENDA ITEMS FOR SEPTEMBER 10, 2019 AT 5:30 PM AT GRIMES CITY HALL**

1. Call to Order  
Pledge of Allegiance
2. Roll Call
3. Approval of the Agenda
4. Approval of the Consent Agenda (**Discussion is not allowed unless the Mayor or a City Council Member ask for an item to be removed and placed under Council actions for consideration**)
  - A. Minutes from previous meeting
  - B. Resolution 09-0119 Agreeing to Settlement of Assessment Case between the City of Grimes and Nancy Fried, Jay Fried, Robert Fried and Megan Scott and Authorizing Mayor To Sign Agreement
  - C. Resolution 09-0619 Agreeing to Settlement of Assessment Case between the City of Grimes and Prairie Business Park I, LLC and PMR Realty Group and Authorizing the Mayor To Sign Agreement
  - D. Resolution 09-0819 Setting a Date for Public Hearing on Urban Renewal Plan Amendment
  - E. Piper Jaffray & Co. \$15,312.50 (payment for financial services for SRF loans, cash flow modeling, dissemination agent services)
  - F. Piper Jaffray Financial Services for Series 2019A GO Bond \$27,935.00
  - G. PSA Agreement Between the City of Grimes and HR Green for the SE 37<sup>th</sup> Street at Highway 141 Improvements
  - H. PSA Agreement Between the City of Grimes and McClure Engineering for the 1.5 MG Elevate Water Storage Tank
  - I. Resolution 09-0319 Authorizing the Mayor to Execute an Agreement with PFM Financial Advisors LLC for Financial Services for Municipal Bond Offerings, Finance and Debt Advice and Regulatory Filings
  - J. Purchase of Kubota SLV90-2 Skid Loader \$26,300.00
  - K. Purchase of Fork Lift from Mid-County Machinery \$9,585
  - L. North Sports Complex Maintenance Shed Construction not to exceed \$32,000.
  - M. Request for Street Closure for Block Party on September 14<sup>th</sup> on NW Sunset Lane
  - N. Request for Street Closure for Block Party on September 14<sup>th</sup> 813 NW Sunset Lane
  - O. Hawkins Inc. \$5,070.00 chemicals for water treatment
  - P. Total Quality Complete Lawn Solutions \$12,022.45
  - Q. Fareway Stores Alcohol License Renewal Class E Liquor License
  - R. Shade Trees Bids
  - S. County of Polk Office of Elections \$6,677.22 (LOSST Election Cost)

- T. Central Pump & Motor, LLC \$13,570.60
- U. Resolution 09-0419 Adopting Performance Management System
- V. Resolution 09-0519 Personnel Transactions
- W. Resolution 09-0719 Approving New Positions
- X. Pay Requests:
  - a. Pay Request #7 to Concrete Technologies for SE 37<sup>th</sup> and Hwy 141 Improvements \$967,257.07 (approved with the end of August bills)
  - b. Pay Request #8 to Concrete Technologies for SE 37<sup>th</sup> and Hwy 141 Improvements \$198,055.96 (approved with the end of August bills)
  - c. Pay Request #9 to Concrete Technologies for SE 37<sup>th</sup> and Hwy 141 Improvements \$56,674.38
  - d. Pay Request #6 to Grosch Irrigation for the New Jordan Well \$274,343.00
  - e. Pay Request # 6 to All Terrain Seeding for the Little Beaver & Prairie Creek Channel Improvements \$138,640.62
  - f. Pay Request #3 to Progressive Structures, LLC for the Grimes 16 inch RAW Water Main
- Y. Lyle Sumek Associates, Inc \$6,500 for Strategic Planning Preparation
- Z. Finance Report
  - a. Claims Report

## **PUBLIC FORUM**

**“People wishing to address the Council need to sign up on the sheet which has been provided on the table near the door. Each person will be allowed three minutes from the podium and may address no more than two issues per Grimes Rules of Procedure for Conduct of City Business – May 2005.”**

## **PUBLIC AND COUNCIL AGENDA ITEMS**

**Council may consider and potentially act on the following Public Agenda items**

- A. 2019 SW County Line Road Improvements - Engineering Dept.
  - a. Public Hearing on 2019 SW County Line Road
  - b. Resolution 09-0919 Adopting Plans, Specification Form of Contract and Estimate of Cost for the 2019 SW County Line Road Improvements
  - c. Resolution 09-1019 Award of Contract for the 2019 SW County Line Road Improvements
- B. Destination Ridge Plat 6 – Final Plat – Development Services
- C. James Street Villas – Final Plat – Development Services
- D. Shri Sirdi Sai Baba Temple – Site Plan – Development Services
- E. 1884 SE Destination Drive – Site Plan – Development Services
- F. Tommy Car Wash – Site Plan – Development Services
- G. Public Hearing On Proposal Affirming Vacation of Certain Alley Ways and Conveying Vacated Portion of Said Alleys to Adjoining Property Owners- City Clerk
- H. Resolution 09-0219 Affirming Vacating Portion of Alley and Conveying Vacated Portion of Said Alley to Adjoining Property Owners – City Clerk
- I. Public Hearing and First Reading of Ordinance 730 92.02(1) with Regard to Water Service Rates and Water Restoration Fees, and Section 99.04 (2) with Regard to Sewer Service Rates - City Administrator
- J. Third Reading of Ordinance 729 Zoning Ordinance of the City of Grimes, Iowa regarding the Board of Adjustments – Development Services Director

## **COUNCIL DISCUSSIONS**

1. Mayor's Report
2. City Staff's Report
  - a. Polk County Sheriff's Department
3. Council Reports

## **ADJOURNMENT**



BID TABULATION

## SW Countyline Road Improvements

City of Grimes, Iowa

BID DATE: Sept. 4, 2019 at 11:00 AM

FOX PN: 1005-18B

| ITEM NO.                                               | CONTRACTORS:                                |       |        |               | Engineer's Opinion<br>Probable Cost |               | Concrete Technologies, Inc.<br>1001 SE 37th Street<br>Grimes, IA 50111 |               | Alliance Construction Group LLC<br>9400 Plum Drive, Suite 100<br>Urbandale, IA 50322 |               | McAninch Corp.<br>4001 Delaware Ave<br>Des Moines, IA 50313 |               | Absolute Concrete Const.<br>PO Box 148<br>Slater, IA 50244 |               | CJ Moyna & Sons, Inc.<br>24412 Hwy 13<br>Elkader, IA 52043 |  |
|--------------------------------------------------------|---------------------------------------------|-------|--------|---------------|-------------------------------------|---------------|------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------|---------------|------------------------------------------------------------|---------------|------------------------------------------------------------|--|
|                                                        | CHECK OR BID BOND                           |       |        |               |                                     |               |                                                                        |               |                                                                                      |               |                                                             |               |                                                            |               |                                                            |  |
|                                                        | DESCRIPTION                                 | UNITS | QTY    | UNIT PRICE    | TOTAL PRICE                         |               |                                                                        |               |                                                                                      |               |                                                             |               |                                                            |               |                                                            |  |
| <b>DIVISION 1 - GENERAL</b>                            |                                             |       |        |               |                                     |               |                                                                        |               |                                                                                      |               |                                                             |               |                                                            |               |                                                            |  |
| 1.01                                                   | MOBILIZATION                                | LS    | 1      | \$ 290,000.00 | \$ 290,000.00                       | \$ 245,000.00 | \$ 245,000.00                                                          | \$ 160,000.00 | \$ 160,000.00                                                                        | \$ 165,278.00 | \$ 165,278.00                                               | \$ 175,020.00 | \$ 175,020.00                                              | \$ 390,000.00 | \$ 390,000.00                                              |  |
| 1.02                                                   | TRAFFIC CONTROL                             | LS    | 1      | \$ 15,000.00  | \$ 15,000.00                        | \$ 10,950.00  | \$ 10,950.00                                                           | \$ 28,000.00  | \$ 28,000.00                                                                         | \$ 11,118.00  | \$ 11,118.00                                                | \$ 10,000.00  | \$ 10,000.00                                               | \$ 23,000.00  | \$ 23,000.00                                               |  |
| 1.03                                                   | CONSTRUCTION STAKING                        | LS    | 1      | \$ 50,000.00  | \$ 50,000.00                        | \$ 19,800.00  | \$ 19,800.00                                                           | \$ 34,000.00  | \$ 34,000.00                                                                         | \$ 30,294.00  | \$ 30,294.00                                                | \$ 30,000.00  | \$ 30,000.00                                               | \$ 55,000.00  | \$ 55,000.00                                               |  |
| 1.04                                                   | SAWCUT FULL DEPTH / REMOVAL                 | LF    | 632    | \$ 4.50       | \$ 2,844.00                         | \$ 9.75       | \$ 6,162.00                                                            | \$ 10.00      | \$ 6,320.00                                                                          | \$ 20.00      | \$ 12,640.00                                                | \$ 10.00      | \$ 6,320.00                                                | \$ 5.00       | \$ 3,160.00                                                |  |
| <b>DIVISION 2 - EARTHWORK</b>                          |                                             |       |        |               |                                     |               |                                                                        |               |                                                                                      |               |                                                             |               |                                                            |               |                                                            |  |
| 2.01                                                   | CLEARING AND GRUBBING                       | LS    | 1      | \$ 3,000.00   | \$ 3,000.00                         | \$ 6,385.00   | \$ 6,385.00                                                            | \$ 5,600.00   | \$ 5,600.00                                                                          | \$ 6,477.00   | \$ 6,477.00                                                 | \$ 6,350.00   | \$ 6,350.00                                                | \$ 6,900.00   | \$ 6,900.00                                                |  |
| 2.02                                                   | CROP REMOVAL                                | AC    | 15     | \$ 200.00     | \$ 3,000.00                         | \$ 553.00     | \$ 8,295.00                                                            | \$ 550.00     | \$ 8,250.00                                                                          | \$ 573.00     | \$ 8,595.00                                                 | \$ 550.00     | \$ 8,250.00                                                | \$ 0.01       | \$ 0.15                                                    |  |
| 2.03                                                   | DEEP RIPPING                                | AC    | 14     | \$ 200.00     | \$ 2,700.00                         | \$ 553.00     | \$ 7,465.50                                                            | \$ 550.00     | \$ 7,425.00                                                                          | \$ 373.00     | \$ 5,035.50                                                 | \$ 550.00     | \$ 7,425.00                                                | \$ 250.00     | \$ 3,375.00                                                |  |
| 2.04                                                   | TOPSOIL STRIP, STOCKPILE, AND RESPREAD      | CY    | 20,905 | \$ 8.00       | \$ 167,240.00                       | \$ 5.05       | \$ 105,570.25                                                          | \$ 5.25       | \$ 109,751.25                                                                        | \$ 4.18       | \$ 87,382.90                                                | \$ 5.00       | \$ 104,525.00                                              | \$ 14.30      | \$ 298,941.50                                              |  |
| 2.05                                                   | EXCAVATION, CLASS 10 / EMBANKMENT           | CY    | 33,133 | \$ 5.00       | \$ 165,665.00                       | \$ 3.00       | \$ 99,399.00                                                           | \$ 3.00       | \$ 99,399.00                                                                         | \$ 6.73       | \$ 222,985.09                                               | \$ 2.95       | \$ 97,742.35                                               | \$ 12.60      | \$ 417,475.80                                              |  |
| 2.06                                                   | SPECIAL BACKFILL, 6-INCH                    | SY    | 1,271  | \$ 8.00       | \$ 10,168.00                        | \$ 8.30       | \$ 10,549.30                                                           | \$ 8.25       | \$ 10,485.75                                                                         | \$ 16.80      | \$ 21,352.80                                                | \$ 8.25       | \$ 10,485.75                                               | \$ 16.50      | \$ 20,971.50                                               |  |
| 2.07                                                   | SUBGRADE PREPARATION, 12-INCH               | SY    | 35,443 | \$ 3.00       | \$ 106,329.00                       | \$ 2.50       | \$ 88,607.50                                                           | \$ 2.50       | \$ 88,607.50                                                                         | \$ 2.90       | \$ 102,784.70                                               | \$ 2.50       | \$ 88,607.50                                               | \$ 4.50       | \$ 159,493.50                                              |  |
| 2.08                                                   | MODIFIED SUBBASE, 6-INCH                    | SY    | 34,172 | \$ 8.50       | \$ 290,462.00                       | \$ 8.30       | \$ 283,627.60                                                          | \$ 8.25       | \$ 281,919.00                                                                        | \$ 8.71       | \$ 297,638.12                                               | \$ 8.25       | \$ 281,919.00                                              | \$ 10.30      | \$ 351,971.60                                              |  |
| 2.09                                                   | GRANULAR SURFACING - TEMPORARY              | LS    | 1      | \$ 7,500.00   | \$ 7,500.00                         | \$ 19,100.00  | \$ 19,100.00                                                           | \$ 20,000.00  | \$ 20,000.00                                                                         | \$ 16,320.00  | \$ 16,320.00                                                | \$ 19,000.00  | \$ 19,000.00                                               | \$ 30,000.00  | \$ 30,000.00                                               |  |
| 2.10                                                   | GRANULAR SURFACING - PERMANENT              | TON   | 200    | \$ 50.00      | \$ 10,000.00                        | \$ 38.25      | \$ 7,650.00                                                            | \$ 40.00      | \$ 8,000.00                                                                          | \$ 38.70      | \$ 7,740.00                                                 | \$ 38.00      | \$ 7,600.00                                                | \$ 29.60      | \$ 5,920.00                                                |  |
| 2.11                                                   | REMOVAL OF PIPE, EXISTING STORM SEWER       | LF    | 100    | \$ 24.00      | \$ 2,400.00                         | \$ 24.15      | \$ 2,415.00                                                            | \$ 24.00      | \$ 2,400.00                                                                          | \$ 22.00      | \$ 2,200.00                                                 | \$ 19.00      | \$ 1,900.00                                                | \$ 18.00      | \$ 1,800.00                                                |  |
| 2.12                                                   | REMOVAL OF FIELD FENCE                      | LF    | 4,200  | \$ 1.50       | \$ 6,300.00                         | \$ 0.65       | \$ 2,730.00                                                            | \$ 0.75       | \$ 3,150.00                                                                          | \$ 0.77       | \$ 3,234.00                                                 | \$ 0.75       | \$ 3,150.00                                                | \$ 4.50       | \$ 18,900.00                                               |  |
| 2.13                                                   | COMPACTION TESTING                          | LS    | 1      | \$ 15,000.00  | \$ 15,000.00                        | \$ 7,540.00   | \$ 7,540.00                                                            | \$ 17,500.00  | \$ 17,500.00                                                                         | \$ 30,600.00  | \$ 30,600.00                                                | \$ 10,000.00  | \$ 10,000.00                                               | \$ 3,500.00   | \$ 3,500.00                                                |  |
| <b>DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION</b> |                                             |       |        |               |                                     |               |                                                                        |               |                                                                                      |               |                                                             |               |                                                            |               |                                                            |  |
| 3.01                                                   | TRENCH FOUNDATION                           | TON   | 150    | \$ 42.00      | \$ 6,300.00                         | \$ 35.25      | \$ 5,287.50                                                            | \$ 35.00      | \$ 5,250.00                                                                          | \$ 27.00      | \$ 4,050.00                                                 | \$ 30.15      | \$ 4,522.50                                                | \$ 38.00      | \$ 5,700.00                                                |  |
| 3.02                                                   | REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL | CY    | 150    | \$ 25.00      | \$ 3,750.00                         | \$ 15.10      | \$ 2,265.00                                                            | \$ 15.00      | \$ 2,250.00                                                                          | \$ 9.00       | \$ 1,350.00                                                 | \$ 26.50      | \$ 3,975.00                                                | \$ 25.00      | \$ 3,750.00                                                |  |
| <b>DIVISION 4 - SEWERS AND DRAINS</b>                  |                                             |       |        |               |                                     |               |                                                                        |               |                                                                                      |               |                                                             |               |                                                            |               |                                                            |  |
| 4.01                                                   | STORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN | LF    | 344    | \$ 80.00      | \$ 27,520.00                        | \$ 58.25      | \$ 20,038.00                                                           | \$ 58.00      | \$ 19,952.00                                                                         | \$ 80.00      | \$ 27,520.00                                                | \$ 60.00      | \$ 20,640.00                                               | \$ 74.00      | \$ 25,456.00                                               |  |
| 4.02                                                   | STORM SEWER, TRENCHED, 18-INCH, AS SUBDRAIN | LF    | 622    | \$ 86.00      | \$ 53,492.00                        | \$ 61.50      | \$ 38,253.00                                                           | \$ 61.00      | \$ 37,942.00                                                                         | \$ 84.00      | \$ 52,248.00                                                | \$ 63.50      | \$ 39,497.00                                               | \$ 76.00      | \$ 47,272.00                                               |  |
| 4.03                                                   | STORM SEWER, TRENCHED, 21-INCH, AS SUBDRAIN | LF    | 1,421  | \$ 88.00      | \$ 125,048.00                       | \$ 67.50      | \$ 95,917.50                                                           | \$ 67.00      | \$ 95,207.00                                                                         | \$ 90.00      | \$ 127,890.00                                               | \$ 73.25      | \$ 104,088.25                                              | \$ 87.00      | \$ 123,627.00                                              |  |
| 4.04                                                   | STORM SEWER, TRENCHED, 24-INCH, AS SUBDRAIN | LF    | 301    | \$ 94.00      | \$ 28,294.00                        | \$ 74.50      | \$ 22,424.50                                                           | \$ 74.00      | \$ 22,274.00                                                                         | \$ 95.00      | \$ 28,595.00                                                | \$ 64.75      | \$ 19,489.75                                               | \$ 88.00      | \$ 26,488.00                                               |  |
| 4.05                                                   | STORM SEWER, TRENCHED, 30-INCH, AS SUBDRAIN | LF    | 418    | \$ 108.00     | \$ 45,144.00                        | \$ 85.50      | \$ 35,739.00                                                           | \$ 86.00      | \$ 35,948.00                                                                         | \$ 116.00     | \$ 48,488.00                                                | \$ 91.50      | \$ 38,247.00                                               | \$ 100.00     | \$ 41,800.00                                               |  |
| 4.06                                                   | STORM SEWER, TRENCHED, 15-INCH              | LF    | 844    | \$ 75.00      | \$ 63,300.00                        | \$ 46.25      | \$ 39,035.00                                                           | \$ 46.00      | \$ 38,824.00                                                                         | \$ 59.00      | \$ 49,796.00                                                | \$ 39.50      | \$ 33,338.00                                               | \$ 50.00      | \$ 42,200.00                                               |  |
| 4.07                                                   | STORM SEWER, TRENCHED, 18-INCH              | LF    | 69     | \$ 80.00      | \$ 5,520.00                         | \$ 48.25      | \$ 3,329.25                                                            | \$ 48.00      | \$ 3,312.00                                                                          | \$ 54.00      | \$ 3,726.00                                                 | \$ 48.00      | \$ 3,312.00                                                | \$ 53.00      | \$ 3,657.00                                                |  |
| 4.08                                                   | STORM SEWER, TRENCHED, 24-INCH              | LF    | 207    | \$ 89.00      | \$ 18,423.00                        | \$ 56.25      | \$ 11,643.75                                                           | \$ 56.00      | \$ 11,592.00                                                                         | \$ 63.00      | \$ 13,041.00                                                | \$ 60.50      | \$ 12,523.50                                               | \$ 61.50      | \$ 12,730.50                                               |  |
| 4.09                                                   | STORM SEWER, TRENCHED, 30-INCH              | LF    | 412    | \$ 98.00      | \$ 40,376.00                        | \$ 88.50      | \$ 36,462.00                                                           | \$ 88.00      | \$ 36,256.00                                                                         | \$ 138.00     | \$ 56,856.00                                                | \$ 71.50      | \$ 29,458.00                                               | \$ 78.00      | \$ 32,136.00                                               |  |
| 4.10                                                   | STORM SEWER, TRENCHED, 36-INCH              | LF    | 291    | \$ 125.00     | \$ 36,375.00                        | \$ 95.50      | \$ 27,790.50                                                           | \$ 95.00      | \$ 27,645.00                                                                         | \$ 112.00     | \$ 32,592.00                                                | \$ 82.00      | \$ 23,862.00                                               | \$ 92.00      | \$ 26,772.00                                               |  |
| 4.11                                                   | STORM SEWER, TRENCHED, 66-INCH              | LF    | 228    | \$ 350.00     | \$ 79,800.00                        | \$ 236.25     | \$ 53,865.00                                                           | \$ 235.00     | \$ 53,580.00                                                                         | \$ 257.00     | \$ 58,596.00                                                | \$ 295.00     | \$ 67,260.00                                               | \$ 242.00     | \$ 55,176.00                                               |  |
| 4.12                                                   | STORM SEWER, TRENCHLESS, 30-INCH            | LF    | 138    | \$ 400.00     | \$ 55,200.00                        | \$ 377.00     | \$ 52,026.00                                                           | \$ 375.00     | \$ 51,750.00                                                                         | \$ 486.00     | \$ 67,068.00                                                | \$ 625.00     | \$ 86,250.00                                               | \$ 485.00     | \$ 66,930.00                                               |  |
| 4.13                                                   | SANITARY SEWER, GRAVITY, TRENCHED, 8-INCH   | LF    | 2,073  | \$ 72.00      | \$ 149,256.00                       | \$ 105.50     | \$ 218,701.50                                                          | \$ 106.00     | \$ 219,738.00                                                                        | \$ 96.00      | \$ 199,008.00                                               | \$ 83.00      | \$ 172,059.00                                              | \$ 75.00      | \$ 155,475.00                                              |  |
| 4.14                                                   | SANITARY SEWER, GRAVITY, TRENCHED, 10-INCH  | LF    | 1,948  | \$ 85.00      | \$ 165,580.00                       | \$ 73.50      | \$ 143,178.00                                                          | \$ 74.00      | \$ 144,152.00                                                                        | \$ 73.00      | \$ 142,204.00                                               | \$ 89.00      | \$ 173,372.00                                              | \$ 80.00      | \$ 155,840.00                                              |  |
| 4.15                                                   | SANITARY SEWER, TESTING                     | LF    | 4,021  | \$ 2.50       | \$ 10,052.50                        | \$ 1.00       | \$ 4,021.00                                                            | \$ 1.00       | \$ 4,021.00                                                                          | \$ 1.00       | \$ 4,021.00                                                 | \$ 4.65       | \$ 18,697.65                                               | \$ 5.00       | \$ 20,105.00                                               |  |
| 4.16                                                   | PIPE APRON, RCP, 15-INCH                    | EA    | 1      | \$ 2,500.00   | \$ 2,500.00                         | \$ 1,760.00   | \$ 1,760.00                                                            | \$ 1,800.00   | \$ 1,800.00                                                                          | \$ 1,174.00   | \$ 1,174.00                                                 | \$ 2,635.00   | \$ 2,635.00                                                | \$ 1,050.00   | \$ 1,050.00                                                |  |
| 4.17                                                   | PIPE APRON, RCP, 30-INCH                    | EA    | 2      | \$ 3,500.00   | \$ 7,000.00                         | \$ 2,440.00   | \$ 4,880.00                                                            | \$ 2,450.00   | \$ 4,900.00                                                                          | \$ 1,655.00   | \$ 3,310.00                                                 | \$ 3,955.00   | \$ 7,910.00                                                | \$ 1,600.00   | \$ 3,200.00                                                |  |
| 4.18                                                   | PIPE APRON, RCP, 36-INCH                    | EA    | 1      | \$ 4,200.00   | \$ 4,200.00                         | \$ 3,015.00   | \$ 3,015.00                                                            | \$ 3,100.00   | \$ 3,100.00                                                                          | \$ 2,109.00   | \$ 2,109.00                                                 | \$ 4,885.00   | \$ 4,885.00                                                | \$ 2,200.00   | \$ 2,200.00                                                |  |
| 4.19                                                   | PIPE APRON, RCP, 66-INCH                    | EA    | 2      | \$ 10,000.00  | \$ 20,000.00                        | \$ 5,225.00   | \$ 10,450.00                                                           | \$ 5,400.00   | \$ 10,800.00                                                                         | \$ 4,150.00   | \$ 8,300.00                                                 | \$ 5,775.00   | \$ 11,550.00                                               | \$ 3,000.00   | \$ 6,000.00                                                |  |
| 4.20                                                   | SUBDRAIN, 4-INCH                            | LF    | 5,238  | \$ 14.00      | \$ 73,332.00                        | \$ 12.50      | \$ 65,475.00                                                           | \$ 19.00      | \$ 99,522.00                                                                         | \$ 12.70      | \$ 66,522.60                                                | \$ 12.65      | \$ 66,260.70                                               | \$ 12.00      | \$ 62,856.00                                               |  |
| 4.21                                                   | SUBDRAIN CLEANOUT, 8-INCH DIAMETER          | EA    | 11     | \$ 700.00     | \$ 7,700.00                         | \$ 455.00     | \$ 5,005.00                                                            | \$ 475.00     | \$ 5,225.00                                                                          | \$ 459.00     | \$ 5,049.00                                                 | \$ 585.00     | \$ 6,435.00                                                | \$ 400.00     | \$ 4,400.00                                                |  |
| 4.22                                                   | FIELD TILE REPAIR                           | LF    | 300    | \$ 22.00      | \$ 6,600.00                         | \$ 16.60      | \$ 4,980.00                                                            | \$ 17.00      | \$ 5,100.00                                                                          | \$ 14.00      | \$ 4,200.00                                                 | \$ 38.00      | \$ 11,400.00                                               | \$ 22.00      | \$ 6,600.00                                                |  |

BID TABULATION

## SW Countyline Road Improvements

City of Grimes, Iowa

BID DATE: Sept. 4, 2019 at 11:00 AM

FOX PN: 1005-188

| ITEM NO. | CONTRACTORS:                                                 |       |        |                 | Engineer's Opinion<br>Probable Cost |                 | Concrete Technologies, Inc.<br>1001 SE 37th Street<br>Grimes, IA 50111 |                 | Alliance Construction Group LLC<br>9400 Plum Drive, Suite 100<br>Urbandale, IA 50322 |               | McAninch Corp.<br>4001 Delaware Ave<br>Des Moines, IA 50313 |              | Absolute Concrete Const.<br>PO Box 148<br>Slater, IA 50244 |               | CJ Moyna & Sons, Inc.<br>24412 Hwy 13<br>Elkader, IA 52043 |  |
|----------|--------------------------------------------------------------|-------|--------|-----------------|-------------------------------------|-----------------|------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------|--------------|------------------------------------------------------------|---------------|------------------------------------------------------------|--|
|          | CHECK OR BID BOND                                            |       |        |                 |                                     |                 |                                                                        |                 |                                                                                      |               |                                                             |              |                                                            |               |                                                            |  |
|          | DESCRIPTION                                                  | UNITS | QTY    | UNIT PRICE      | TOTAL PRICE                         |                 |                                                                        |                 |                                                                                      |               |                                                             |              |                                                            |               |                                                            |  |
|          | <b>DIVISION 5 - WATER MAIN AND APPURTENANCES</b>             |       |        |                 |                                     |                 |                                                                        |                 |                                                                                      |               |                                                             |              |                                                            |               |                                                            |  |
| 5.01     | WATER MAIN, CONNECT TO EXISTING                              | EA    | 1      | \$ 8,000.00     | \$ 8,000.00                         | \$ 5,225.00     | \$ 5,225.00                                                            | \$ 5,400.00     | \$ 5,400.00                                                                          | \$ 7,600.00   | \$ 7,600.00                                                 | \$ 10,625.00 | \$ 10,625.00                                               | \$ 7,000.00   | \$ 7,000.00                                                |  |
| 5.02     | WATER MAIN PIPE, 8-INCH                                      | LF    | 620    | \$ 33.00        | \$ 20,460.00                        | \$ 45.25        | \$ 28,055.00                                                           | \$ 46.00        | \$ 28,520.00                                                                         | \$ 45.00      | \$ 27,900.00                                                | \$ 40.40     | \$ 25,048.00                                               | \$ 36.00      | \$ 22,320.00                                               |  |
| 5.03     | WATER MAIN PIPE, 12-INCH                                     | LF    | 133    | \$ 45.00        | \$ 5,985.00                         | \$ 65.50        | \$ 8,711.50                                                            | \$ 66.00        | \$ 8,778.00                                                                          | \$ 75.00      | \$ 9,975.00                                                 | \$ 66.00     | \$ 8,778.00                                                | \$ 62.00      | \$ 8,246.00                                                |  |
| 5.04     | WATER MAIN PIPE, 16-INCH                                     | LF    | 4,365  | \$ 65.00        | \$ 283,725.00                       | \$ 58.25        | \$ 254,261.25                                                          | \$ 58.00        | \$ 253,170.00                                                                        | \$ 57.00      | \$ 248,805.00                                               | \$ 51.75     | \$ 225,888.75                                              | \$ 60.00      | \$ 261,900.00                                              |  |
| 5.05     | RESILIENT WEDGE GATE VALVE, 8-INCH                           | EA    | 6      | \$ 1,300.00     | \$ 7,800.00                         | \$ 1,355.00     | \$ 8,130.00                                                            | \$ 1,350.00     | \$ 8,100.00                                                                          | \$ 1,253.00   | \$ 7,518.00                                                 | \$ 1,560.00  | \$ 9,360.00                                                | \$ 1,450.00   | \$ 8,700.00                                                |  |
| 5.06     | RESILIENT WEDGE GATE VALVE, 12-INCH                          | EA    | 2      | \$ 3,100.00     | \$ 6,200.00                         | \$ 2,215.00     | \$ 4,430.00                                                            | \$ 2,200.00     | \$ 4,400.00                                                                          | \$ 2,140.00   | \$ 4,280.00                                                 | \$ 2,710.00  | \$ 5,420.00                                                | \$ 2,500.00   | \$ 5,000.00                                                |  |
| 5.07     | RESILIENT WEDGE GATE VALVE, 16-INCH                          | EA    | 5      | \$ 7,200.00     | \$ 36,000.00                        | \$ 6,080.00     | \$ 30,400.00                                                           | \$ 6,100.00     | \$ 30,500.00                                                                         | \$ 6,047.00   | \$ 30,235.00                                                | \$ 7,275.00  | \$ 36,375.00                                               | \$ 6,800.00   | \$ 34,000.00                                               |  |
| 5.08     | TRENCHLESS CASING FOR WATER MAIN                             | LF    | 155    | \$ 350.00       | \$ 54,250.00                        | \$ 297.00       | \$ 46,035.00                                                           | \$ 300.00       | \$ 46,500.00                                                                         | \$ 395.00     | \$ 61,225.00                                                | \$ 520.50    | \$ 80,677.50                                               | \$ 485.00     | \$ 75,175.00                                               |  |
| 5.09     | FIRE HYDRANT ASSEMBLY                                        | EA    | 15     | \$ 5,200.00     | \$ 78,000.00                        | \$ 4,750.00     | \$ 71,250.00                                                           | \$ 4,800.00     | \$ 72,000.00                                                                         | \$ 4,000.00   | \$ 60,000.00                                                | \$ 5,155.00  | \$ 77,325.00                                               | \$ 5,000.00   | \$ 75,000.00                                               |  |
| 5.10     | AUTOMATIC FLUSHING ASSEMBLY                                  | EA    | 1      | \$ 15,000.00    | \$ 15,000.00                        | \$ 8,845.00     | \$ 8,845.00                                                            | \$ 9,000.00     | \$ 9,000.00                                                                          | \$ 5,600.00   | \$ 5,600.00                                                 | \$ 9,000.00  | \$ 9,000.00                                                | \$ 8,500.00   | \$ 8,500.00                                                |  |
| 5.11     | WATER MAIN TESTING AND DISINFECTION                          | LS    | 1      | \$ 7,500.00     | \$ 7,500.00                         | \$ 4,225.00     | \$ 4,225.00                                                            | \$ 4,300.00     | \$ 4,300.00                                                                          | \$ 10,080.00  | \$ 10,080.00                                                | \$ 4,500.00  | \$ 4,500.00                                                | \$ 5,400.00   | \$ 5,400.00                                                |  |
|          | <b>DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS</b> |       |        |                 |                                     |                 |                                                                        |                 |                                                                                      |               |                                                             |              |                                                            |               |                                                            |  |
| 6.01     | STORM SEWER MANHOLE, SW-401, 48-INCH                         | EA    | 2      | \$ 3,500.00     | \$ 7,000.00                         | \$ 3,315.00     | \$ 6,630.00                                                            | \$ 3,300.00     | \$ 6,600.00                                                                          | \$ 2,900.00   | \$ 5,800.00                                                 | \$ 3,305.00  | \$ 6,610.00                                                | \$ 3,000.00   | \$ 6,000.00                                                |  |
| 6.02     | STORM SEWER MANHOLE, SW-401, 72-INCH                         | EA    | 1      | \$ 12,000.00    | \$ 12,000.00                        | \$ 6,735.00     | \$ 6,735.00                                                            | \$ 6,700.00     | \$ 6,700.00                                                                          | \$ 5,900.00   | \$ 5,900.00                                                 | \$ 7,150.00  | \$ 7,150.00                                                | \$ 6,200.00   | \$ 6,200.00                                                |  |
| 6.03     | INTAKE, SW-501                                               | EA    | 4      | \$ 3,600.00     | \$ 14,400.00                        | \$ 3,015.00     | \$ 12,060.00                                                           | \$ 3,000.00     | \$ 12,000.00                                                                         | \$ 2,500.00   | \$ 10,000.00                                                | \$ 2,620.00  | \$ 10,480.00                                               | \$ 2,900.00   | \$ 11,600.00                                               |  |
| 6.04     | INTAKE, SW-503                                               | EA    | 4      | \$ 4,200.00     | \$ 16,800.00                        | \$ 5,525.00     | \$ 22,100.00                                                           | \$ 5,500.00     | \$ 22,000.00                                                                         | \$ 6,100.00   | \$ 24,400.00                                                | \$ 4,900.00  | \$ 19,600.00                                               | \$ 4,850.00   | \$ 19,400.00                                               |  |
| 6.05     | INTAKE, SW-505                                               | EA    | 10     | \$ 4,200.00     | \$ 42,000.00                        | \$ 4,975.00     | \$ 49,750.00                                                           | \$ 5,000.00     | \$ 50,000.00                                                                         | \$ 4,000.00   | \$ 40,000.00                                                | \$ 4,685.00  | \$ 46,850.00                                               | \$ 4,900.00   | \$ 49,000.00                                               |  |
| 6.06     | INTAKE, SW-506                                               | EA    | 8      | \$ 6,000.00     | \$ 48,000.00                        | \$ 6,985.00     | \$ 55,880.00                                                           | \$ 7,000.00     | \$ 56,000.00                                                                         | \$ 7,100.00   | \$ 56,800.00                                                | \$ 7,255.00  | \$ 58,040.00                                               | \$ 7,500.00   | \$ 60,000.00                                               |  |
| 6.07     | SANITARY SEWER MANHOLE, SW-301, 48-INCH                      | EA    | 11     | \$ 8,500.00     | \$ 93,500.00                        | \$ 4,675.00     | \$ 51,425.00                                                           | \$ 4,700.00     | \$ 51,700.00                                                                         | \$ 4,500.00   | \$ 49,500.00                                                | \$ 7,200.00  | \$ 79,200.00                                               | \$ 6,500.00   | \$ 71,500.00                                               |  |
|          | <b>DIVISION 7 - PAVEMENT AND APPURTENANCES</b>               |       |        |                 |                                     |                 |                                                                        |                 |                                                                                      |               |                                                             |              |                                                            |               |                                                            |  |
| 7.01     | PCC PAVING, 8-INCH W/ CD BASKETS                             | SY    | 29,979 | \$ 59.00        | \$ 1,768,761.00                     | \$ 42.50        | \$ 1,274,107.50                                                        | \$ 49.50        | \$ 1,483,960.50                                                                      | \$ 43.35      | \$ 1,299,589.65                                             | \$ 50.50     | \$ 1,513,939.50                                            | \$ 42.50      | \$ 1,274,107.50                                            |  |
| 7.02     | PCC PAVING, 10-INCH W/ CD BASKETS                            | SY    | 957    | \$ 73.00        | \$ 69,861.00                        | \$ 75.00        | \$ 71,775.00                                                           | \$ 75.00        | \$ 71,775.00                                                                         | \$ 76.50      | \$ 73,210.50                                                | \$ 70.00     | \$ 66,990.00                                               | \$ 75.00      | \$ 71,775.00                                               |  |
| 7.03     | PCC PAVING, 8-INCH COLORED W/ CD BASKETS                     | SY    | 626    | \$ 120.00       | \$ 75,120.00                        | \$ 90.00        | \$ 56,340.00                                                           | \$ 105.00       | \$ 65,730.00                                                                         | \$ 110.00     | \$ 68,860.00                                                | \$ 107.00    | \$ 66,982.00                                               | \$ 108.00     | \$ 67,608.00                                               |  |
| 7.04     | PCC MEDIAN, 6-INCH                                           | SY    | 238    | \$ 85.00        | \$ 20,230.00                        | \$ 43.50        | \$ 10,353.00                                                           | \$ 97.00        | \$ 23,086.00                                                                         | \$ 44.40      | \$ 10,567.20                                                | \$ 90.00     | \$ 21,420.00                                               | \$ 43.50      | \$ 10,353.00                                               |  |
| 7.05     | PCC TRAIL/SIDEWALK, 5-INCH                                   | SY    | 4,402  | \$ 40.00        | \$ 176,080.00                       | \$ 31.00        | \$ 136,462.00                                                          | \$ 40.50        | \$ 178,281.00                                                                        | \$ 34.70      | \$ 152,749.40                                               | \$ 40.00     | \$ 176,080.00                                              | \$ 31.00      | \$ 136,462.00                                              |  |
| 7.06     | PCC TRAIL/SIDEWALK, 8-INCH                                   | SY    | 253    | \$ 46.00        | \$ 11,638.00                        | \$ 40.00        | \$ 10,120.00                                                           | \$ 38.00        | \$ 9,614.00                                                                          | \$ 44.00      | \$ 11,132.00                                                | \$ 90.00     | \$ 22,770.00                                               | \$ 40.00      | \$ 10,120.00                                               |  |
| 7.07     | PAINTED PAVEMENT MARKINGS                                    | LS    | 1      | \$ 60,000.00    | \$ 60,000.00                        | \$ 37,700.00    | \$ 37,700.00                                                           | \$ 40,000.00    | \$ 40,000.00                                                                         | \$ 38,250.00  | \$ 38,250.00                                                | \$ 27,000.00 | \$ 27,000.00                                               | \$ 37,500.00  | \$ 37,500.00                                               |  |
| 7.08     | PCC PAVEMENT SAMPLES AND TESTING                             | LS    | 1      | \$ 16,000.00    | \$ 16,000.00                        | \$ 11,000.00    | \$ 11,000.00                                                           | \$ 9,500.00     | \$ 9,500.00                                                                          | \$ 11,270.00  | \$ 11,270.00                                                | \$ 15,000.00 | \$ 15,000.00                                               | \$ 11,000.00  | \$ 11,000.00                                               |  |
| 7.09     | DETECTABLE WARNING                                           | SF    | 280    | \$ 48.00        | \$ 13,440.00                        | \$ 36.00        | \$ 10,080.00                                                           | \$ 50.00        | \$ 14,000.00                                                                         | \$ 36.75      | \$ 10,290.00                                                | \$ 50.00     | \$ 14,000.00                                               | \$ 36.00      | \$ 10,080.00                                               |  |
|          | <b>DIVISION 8 - TRAFFIC SIGNALS (NOT USED)</b>               |       |        |                 |                                     |                 |                                                                        |                 |                                                                                      |               |                                                             |              |                                                            |               |                                                            |  |
|          | <b>DIVISION 9 - SITE WORK AND LANDSCAPING</b>                |       |        |                 |                                     |                 |                                                                        |                 |                                                                                      |               |                                                             |              |                                                            |               |                                                            |  |
| 9.01     | SEEDING, FERTILIZING, AND MULCHING - TYPE 1                  | AC    | 6      | \$ 2,500.00     | \$ 15,000.00                        | \$ 2,415.00     | \$ 14,490.00                                                           | \$ 3,600.00     | \$ 21,600.00                                                                         | \$ 2,805.00   | \$ 16,830.00                                                | \$ 3,750.00  | \$ 22,500.00                                               | \$ 4,000.00   | \$ 24,000.00                                               |  |
| 9.02     | SEEDING, FERTILIZING, AND MULCHING - TYPE 2                  | AC    | 4      | \$ 2,500.00     | \$ 10,000.00                        | \$ 2,210.00     | \$ 8,840.00                                                            | \$ 2,500.00     | \$ 10,000.00                                                                         | \$ 2,652.00   | \$ 10,608.00                                                | \$ 3,450.00  | \$ 13,800.00                                               | \$ 3,600.00   | \$ 14,400.00                                               |  |
| 9.03     | RECP BLANKET                                                 | SY    | 1,985  | \$ 12.00        | \$ 23,820.00                        | \$ 3.50         | \$ 6,947.50                                                            | \$ 3.50         | \$ 6,947.50                                                                          | \$ 1.65       | \$ 3,275.25                                                 | \$ 5.00      | \$ 9,925.00                                                | \$ 4.00       | \$ 7,940.00                                                |  |
| 9.04     | STABILIZED CONSTRUCTION ENTRANCE                             | SY    | 180    | \$ 12.00        | \$ 2,160.00                         | \$ 12.10        | \$ 2,178.00                                                            | \$ 25.00        | \$ 4,500.00                                                                          | \$ 18.60      | \$ 3,348.00                                                 | \$ 24.00     | \$ 4,320.00                                                | \$ 28.50      | \$ 5,130.00                                                |  |
| 9.05     | MOWING/TRIMMING                                              | AC    | 10     | \$ 150.00       | \$ 1,500.00                         | \$ 302.00       | \$ 3,020.00                                                            | \$ 225.00       | \$ 2,250.00                                                                          | \$ 128.00     | \$ 1,280.00                                                 | \$ 250.00    | \$ 2,500.00                                                | \$ 80.00      | \$ 800.00                                                  |  |
| 9.06     | TEMPORARY SEEDING AND MULCHING                               | AC    | 10     | \$ 2,300.00     | \$ 23,000.00                        | \$ 453.00       | \$ 4,530.00                                                            | \$ 475.00       | \$ 4,750.00                                                                          | \$ 1,275.00   | \$ 12,750.00                                                | \$ 1,500.00  | \$ 15,000.00                                               | \$ 1,500.00   | \$ 15,000.00                                               |  |
| 9.07     | LANDSCAPING                                                  | LS    | 1      | \$ 70,000.00    | \$ 70,000.00                        | \$ 75,380.00    | \$ 75,380.00                                                           | \$ 125,000.00   | \$ 125,000.00                                                                        | \$ 180,000.00 | \$ 180,000.00                                               | \$ 80,000.00 | \$ 80,000.00                                               | \$ 150,000.00 | \$ 150,000.00                                              |  |
| 9.08     | RIP RAP, CLASS E REVETMENT                                   | TON   | 388    | \$ 52.00        | \$ 20,176.00                        | \$ 56.25        | \$ 21,825.00                                                           | \$ 57.00        | \$ 22,116.00                                                                         | \$ 56.00      | \$ 21,728.00                                                | \$ 68.50     | \$ 26,578.00                                               | \$ 68.50      | \$ 26,578.00                                               |  |
| 9.09     | SILT FENCE, INSTALL & REMOVE                                 | LF    | 6,200  | \$ 2.75         | \$ 17,050.00                        | \$ 1.75         | \$ 10,850.00                                                           | \$ 1.75         | \$ 10,850.00                                                                         | \$ 1.53       | \$ 9,486.00                                                 | \$ 1.50      | \$ 9,300.00                                                | \$ 2.00       | \$ 12,400.00                                               |  |
| 9.10     | FILTER SOCK                                                  | LF    | 1,000  | \$ 2.25         | \$ 2,250.00                         | \$ 1.75         | \$ 1,750.00                                                            | \$ 1.75         | \$ 1,750.00                                                                          | \$ 1.53       | \$ 1,530.00                                                 | \$ 3.00      | \$ 3,000.00                                                | \$ 3.00       | \$ 3,000.00                                                |  |
| 9.11     | INTAKE PROTECTION, DROP-IN                                   | EA    | 44     | \$ 170.00       | \$ 7,480.00                         | \$ 25.15        | \$ 1,106.60                                                            | \$ 25.00        | \$ 1,100.00                                                                          | \$ 170.00     | \$ 7,480.00                                                 | \$ 175.00    | \$ 7,700.00                                                | \$ 120.00     | \$ 5,280.00                                                |  |
|          | <b>Total</b>                                                 |       |        | \$ 5,342,556.50 | \$ 4,279,790.00                     | \$ 4,613,425.50 | \$ 4,649,240.71                                                        | \$ 4,669,693.70 | \$ 5,350,304.05                                                                      |               |                                                             |              |                                                            |               |                                                            |  |

## NOTICE OF AWARD

|                   |                                  |                                  |
|-------------------|----------------------------------|----------------------------------|
| Date of Issuance: | September 4, 2019                |                                  |
| Owner:            | City of Grimes, Iowa             | Owner's Contract No.:            |
| Engineer:         | FOX Engineering                  | Engineer's Project No.: 1005-18B |
| Project:          | SW County Line Road Improvements | Contract Name:                   |
| Bidder:           | Concrete Technologies, Inc.      |                                  |
| Bidder's Address: | 1001 SE 37 <sup>th</sup> Street  |                                  |
|                   | Grimes, IA 50111                 |                                  |

**TO BIDDER:**

You are notified that Owner has accepted your Bid dated September 4, 2019 for the above Contract, and that you are the Successful Bidder and are awarded a Contract for:

## SW County Line Road Improvements, Grimes, Iowa.

The Contract Price of the awarded Contract is: \$4,279,790.00

Three (3) unexecuted counterparts of the Agreement accompany this Notice of Award, and one copy of the Contract Documents accompanies this Notice of Award, or has been transmitted or made available to Bidder electronically.

You must comply with the following conditions precedent within 15 days of the date of receipt of this Notice of Award:

1. Deliver to Owner [3] counterparts of the Agreement, fully executed by Bidder.
2. Deliver with the executed Agreement(s) the Contract security [Bonds] and insurance documentation as specified in the Instructions to Bidders and General Conditions, Articles 2 and 6.

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

Within ten days after you comply with the above conditions, Owner will return to you one fully executed counterpart of the Agreement, together with any additional copies of the Contract Documents as indicated in Paragraph 2.02 of the General Conditions.

Owner:

Authorized Signature

By:

Title:

Copy: Engineer



September 4, 2019

Mayor and City Council  
City of Grimes  
101 NE Harvey Street  
Grimes, IA 50111

**SW County Line Road Improvements – Recommendation of Award**  
*FOX Ref No: 1005-18B.440*

Dear Mayor and City Council:

The City of Grimes received bids on September 4, 2019, for the SW County Line Road Improvements. The work consists of the addition of PCC paving a 5-lane boulevard section of SW County Line Road, approximately 4,400 feet in length from Highway 44 south. Work includes a round-a-bout, 10-foot-wide PCC trail, approximately 4,000 linear feet of sanitary sewer, 5,000 linear feet of water main, and 5,000 linear feet of storm sewer. Associated grading, restoration, and sediment controls are also included.

The City received five bids on the project ranging from \$4,279,790 to \$5,350,304.05. The bid tabulation is enclosed for your reference. The engineering opinion of cost construction cost for this work was \$5,340,000. The apparent low bid is \$1,060,210 below the engineering estimate.

Concrete Technologies, Inc. of Grimes, IA, submitted the low bid of \$4,279,790.00. Note that the total listed on Concrete Technologies, Inc. bid form had an addition error. FOX reviewed this error with Todd Clancy of Concrete Technologies, Inc. Todd has acknowledged the error and has indicated that Concrete Technologies, Inc. will honor the corrected total of \$4,279,790.00.

FOX has reviewed the bid tabulation and has identified the following items that combined to make the majority of the difference between the Engineers Estimate and the apparent low Bid Price (number represents savings compared to Engineers Estimate): 8" PCC Paving (\$513,433.50), Earthwork (including topsoil) (\$127,935.75), Mobilization (\$45,000.00), Sanitary Sewer Manholes (\$42,075.00), PCC Trail (\$41,136.00) These items account for \$769,580.25 of the difference in price. Concrete Technologies, Inc. has indicated that they intend to utilize their portable concrete plant for this project at a location near the site. This may have contributed to the relatively low pricing on the PCC items on this project.

Concrete Technologies, Inc. performs much of their work in central Iowa and specializes in concrete paving. In Grimes, they have successfully completed the NE Beaverbrooke Boulevard project in Heritage, East 1<sup>st</sup> Street Paving, and several private subdivisions. Concrete Technologies, Inc. is currently working on the SE 37<sup>th</sup> St. Project at HWY 141. Concrete Technologies Inc. has reviewed their bid, stated they have the ability/scheduling to complete the work by the various required project dates, and are excited about working with the City on this project.

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FOX recommends that the SW County Line Road Improvements Project be awarded to Concrete Technologies, Inc. for their Total Base Bid of **\$4,279,790.00**. We believe this represents the lowest responsive, responsible bid for the project and is in the best interest of the City of Grimes.

The Public Hearing will be held on September 10, 2019, to approve the plans, specifications, form of contract, and estimated total cost of the project as required by Iowa Code Chapter 26.12. This hearing must be held prior to awarding the contract. A notice for the public hearing has been published as required by Iowa Code Chapter 362.3. The City must record its decision to approve the items considered at the public hearing by resolution. After the City Council passes a resolution to award the proposed contract, the City will send 2 originals of the unsigned contract to the low bidder.

Prior to the City of Grimes approving the contract, the City's insurance counsel should review the contractor's insurance certificates and performance and maintenance bonds for conformance with the City of Grimes requirements.

According to bidding documents, the Council has the following options:

Option 1: Award the project to Concrete Technologies, Inc

Option 2: Reject all bids

We have enclosed the Notice of Award for your use. If approved, please sign and return to FOX Engineering. FOX will then execute the contract documents. Please contact us with any questions or comments regarding this recommendation.

Sincerely,  
FOX Engineering Associates, Inc.



John Washington, P.E.

Attachment: Bid Tab & Notice of Award



101 NE Harvey, Grimes, Iowa 50111  
515.986.3036 Fax 515.986.3846

## AGENDA MEMO

Item No. X  
For Meeting of September 10, 2019

**AGENDA HEADING:** SW County Line Road Improvements – Public Hearing and Award of Construction Contract.

**SYNOPSIS:** The actions that are in front of the council are to hold a public hearing on the construction plans, specifications, form of contract and estimate of construction costs and awarding of the construction contract for the SW County Line Road Improvements project. This project was bid on September 4<sup>th</sup>, 2019 and the following are the results:

Concrete Technologies, Inc. - \$4,279,790.00  
Alliance Construction Group, LLC - \$4,613,425.50  
McAninch Corporation - \$4,649,240.71  
Absolute Concrete Construction - \$4,669,693.70  
CJ Moyna & Sons, Inc. - \$5,350,304.05  
Engineering Estimate - \$5,342,556.50

The results from the project bidding were very favorable with only one bidder above the engineer's estimate and the low bidder over \$1,000,000 under. The low bidder is Concrete Technologies , Inc. of Grimes. They have done work in the past for the City of Grimes and are a contractor that does have the resources to complete this type of project. They are currently working on the SE 37<sup>th</sup> Street at Highway 141 project for the City of Grimes too.

**FISCAL IMPACT:** This project came in under the engineer's estimate and the City of Grimes will need to cover the costs above the amounts listed in the development agreement, which is anything over \$3,000,000.

**PREVIOUS COUNCIL ACTION(S):** Approval of a Development Agreement with Hope K. and setting the dates for the public hearing and bid letting.

**BOARD/COMMISSION ACTION(S):**



101 NE Harvey, Grimes, Iowa 50111

515.986.3036 Fax 515.986.3846

**STAFF/COMMITTEE RECOMMENDATION:** The staff recommends that the City Council holds a public hearing on the project and approves the resolution awarding the construction contract to Concrete Technologies, Inc. for \$4,279,790.00.



**Development Services**

410 SE Main St, Suite 102

Grimes, IA 50111

(515)986-4050

[www.grimesiowa.gov](http://www.grimesiowa.gov)

**INSERT DATE**

**Applicant Firm Name**

Attn: Project Contact

Street

City, State ZIP

**RE: INSERT PROJECT**

Dear Project Contact:

The Development Services Department is in receipt of a proposed Final Plat for the PROJECT NAME. Based on the review of the provided submittal materials, staff have the following comments:

**General Comments:**

**Legal Comments:**



**Please provide a letter addressing all comments on this comment letter and/or state what was modified on the site plan to address said comments.**

**SITE PLAN SUBMITTAL SCHEDULE:**

**SUBMITTAL DATE:**           **INSERT DATE**  
**(1 PDF of Final Plat and Legals)**

**PLANNING & ZONING:**       **INSERT DATE** at 5:30 at the Grimes City Hall

**COUNCIL MEETING:**       **INSERT DATE** at 5:30 at the Grimes City Hall

Please feel free to contact me at [apfaltzgraff@grimesiowa.gov](mailto:apfaltzgraff@grimesiowa.gov) or at (515) 986-4050 if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Alex Pfaltzgraff", is positioned above the printed name.

Alex Pfaltzgraff  
Development Services Director



101 NE Harvey, Grimes, Iowa 50111  
515.986.3036 Fax 515.986.3846

## AGENDA MEMO

For Meeting of September 10, 2019

### **AGENDA HEADING:**

Approval of Final Plat for Destination Ridge Plat 6

### **SYNOPSIS:**

The site is currently a vacant commercial development outlot of Destination Ridge. The applicant, Knapp Properties recently requested approval of a preliminary plat, that would subdivide the property into two parcels, and one large outlot.

The two lots are located within the HWY 141 Corridor Overlay.

The applicant is now requesting approval of the Final Plat.

### **FISCAL IMPACT:**

N/A

### **PREVIOUS COUNCIL ACTION(S):**

Approve Destination Ridge Plat 6 – Preliminary Plat

### **BOARD/COMMISSION ACTION(S):**

Recommendation of Approval – Planning and Zoning Commission, 9/3/2019

### **STAFF/COMMITTEE RECOMMENDATION:**

Staff would recommend approval of the Destination Ridge Plat 6 Final Plat, subject to any remaining staff comments.

# FINAL PLAT

# DESTINATION RIDGE PLAT 6

# GRIMES, IOWA

ALL POINTS DEVELOPMENT L.C., KNAPP PROPERTIES, 5000 WESTOWN PARKWAY, SUITE 400, WEST DES MOINES, IA 50266

**PROPERTY OWNER / DEVELOPER**  
ALL POINTS DEVELOPMENT L.C.  
KNAPP PROPERTIES  
5000 WESTOWN PARKWAY SUITE 400  
WEST DES MOINES, IA 50266-5421  
CONTACT: AIMEE STAUDT  
515-223-4000  
aimee.staudt@knappproperties.com

**PROFESSIONAL  
LAND SURVEYOR**  
CIVIL ENGINEERING CONSULTANTS  
ATTN: JEFFREY A. GADDIS, PLS  
2400 86TH STREET, SUITE 12  
URBANDALE, IA 50922  
515-216-4884

**PROJECT MANAGER**  
CIVIL ENGINEERING CONSULTANTS  
ATTN: PAUL CLAUSEN, P.E.  
2400 86TH STREET, SUITE 12  
URBANDALE, IA 50922  
515-216-4884

**ZONING**  
C-2 (GENERAL AND HIGHWAY  
SERVICE COMMERCIAL DISTRICT)

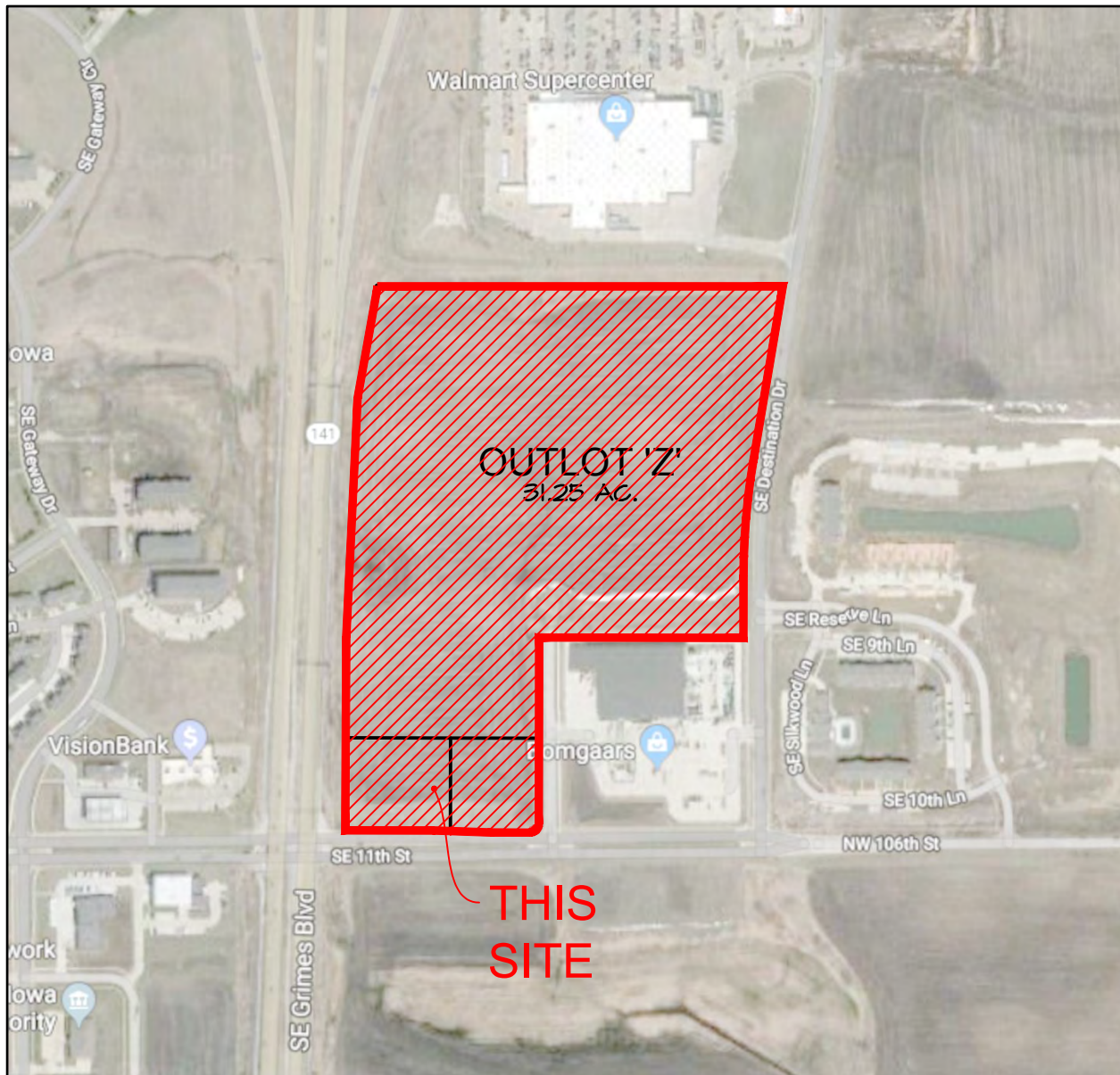
**BULK REGULATIONS**  
LOT AREA: 8,500 SQ. FT.  
LOT WIDTH: 200 FT.  
Hwy 141 SETBACK: 100 FT.  
FRONT YARD SETBACK: 25 FT.  
SIDE YARD SETBACK: NOT ANY UNLESS ADJOINING TO  
"R" DISTRICT OR STREET  
RIGHT-OF-WAY, IN WHICH CASE  
25 FT.  
REAR YARD SETBACK: 25 FT.  
MAXIMUM HEIGHT: 45 FT.  
MAXIMUM STORIES: 3 STORIES

#### NOTES

- PROPERTIES WITHIN THIS DEVELOPMENT ARE REQUIRED TO ADHERE TO THE GRIMES' POST-CONSTRUCTION STORM WATER RUNOFF CONTROL ORDINANCE. EACH LOT WILL BE RESPONSIBLE FOR THEIR OWN DETENTION. THE ALLOWABLE DISCHARGE RATE IS THE 5-YEAR UNDEVELOPED RUNOFF.
- LOT 1, LOT 2, AND OUTLOT 'Z' ARE WITHIN THE HWY 141 MIXED USE OVERLAY DISTRICT, ZONE 1.
- NO DEVELOPMENT MAY OCCUR ON OUTLOT 'Z' OF THIS PLAT UNTIL SAID OUTLOT HAS BEEN FURTHER SUBDIVIDED INTO NUMBERED LOTS AND APPROVED BY THE CITY OF GRIMES.

#### FLOOD ZONE

THIS SITE IS IN FLOOD ZONE "X" (AREA OUTSIDE THE 500-YEAR FLOOD PLAIN) ACCORDING TO THE FEMA FIRM MAP COMMUNITY PANEL NO. 19153 C0161 F, REVISED FEBRUARY 1, 2019.



VICINITY SKETCH  
1" = 500'

#### LEGAL DESCRIPTION

OUTLOT 'Z', DESTINATION RIDGE PLAT 3, AN OFFICIAL PLAT RECORDED AT THE POLK COUNTY RECORDERS OFFICE IN BOOK 15673, PAGE 107, CITY OF GRIMES, POLK COUNTY, IOWA, AND CONTAINING 34.71 ACRES MORE OR LESS.

**LAND AREA**  
34.71 ACRES

| INDEX LEGEND                |                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------|
| COUNTY:                     | POLK                                                                                              |
| CITY:                       | GRIMES                                                                                            |
| SUBDIVISION:                | DESTINATION RIDGE PLAT 3                                                                          |
| LOTS:                       | OUTLOT 'Z'                                                                                        |
| PROPRIETOR (S):             | ALL POINTS DEVELOPMENT L.C.                                                                       |
| REQUESTED BY:               | ALL POINTS DEVELOPMENT L.C.                                                                       |
| PROFESSIONAL LAND SURVEYOR: | JEFFREY A. GADDIS, PLS                                                                            |
| RETURN TO:                  | CIVIL ENGINEERING CONSULTANTS, INC                                                                |
| COMPANY:                    | ATTN: JEFFREY A. GADDIS<br>2400 86TH STREET, SUITE 12, URBANDALE, IA 50922<br>PHONE: 515-216-4884 |

| Sheet List Table |                            |
|------------------|----------------------------|
| Sheet Number     | Sheet Title                |
| 01               | FINAL PLAT COVER SHEET     |
| 02               | FINAL PLAT DIMENSION SHEET |
| 03               | FINAL PLAT - EASEMENTS     |

#### LEGEND

|                  |                                                                            |
|------------------|----------------------------------------------------------------------------|
| ▲                | FOUND SECTION CORNER                                                       |
| ●                | FOUND CORNER W/ 5/8" I.R. W/YELLOW CAP #1044 UNLESS OTHERWISE NOTED        |
| ○                | SET PROPERTY CORNER W/ 5/8" I.R. W/BBLUE CAP #10301 UNLESS OTHERWISE NOTED |
| ---              | PLAT BOUNDARY                                                              |
| ---              | EXISTING PROPERTY LINES                                                    |
| ---              | PROPOSED LOTS                                                              |
| ---              | EASEMENT LINES                                                             |
| ---              | BUILDING SETBACK LINES (B.S.L.)                                            |
| ---              | CENTERLINE STREET                                                          |
| D.               | DEEDED BEARING & DISTANCE                                                  |
| P.               | PREVIOUSLY RECORDED BEARING & DISTANCE                                     |
| M.               | MEASURED BEARING & DISTANCE                                                |
| I.R.             | IRON ROD                                                                   |
| I.P.             | IRON PIPE                                                                  |
| BK. XXX, PG. XXX | COUNTY RECORDER'S INDEXING BOOK                                            |
| R.O.W.           | RIGHT-OF-WAY                                                               |
| P.U.E.           | PUBLIC UTILITY EASEMENT                                                    |
| P.O.B.           | POINT OF BEGINNING                                                         |
| B.S.L.           | BUILDING SETBACK LINE ADDRESS                                              |
| (1234)           |                                                                            |

#### CERTIFICATION

PRELIMINARY  
(NOT APPROVED)

Civil Engineering Consultants, Inc.  
2400 86th Street, Unit 12, Des Moines, Iowa 50322  
515.276.4884 . Fax: 515.276.7084 . mail@cecinc.com



| DATE: | JULY 19, 2019 | REVISIONS                   |            | COMMENTS |
|-------|---------------|-----------------------------|------------|----------|
|       |               |                             |            |          |
|       |               | 1                           | 2019-08-26 |          |
|       |               | 2                           | --         |          |
|       |               | 3                           | --         |          |
|       |               | 4                           | --         |          |
|       |               | 5                           | --         |          |
|       |               | 6                           | --         |          |
|       |               | DATE OF SURVEY: MARCH, 2019 |            | PC 5     |
|       |               | DESIGNED BY: MEH            |            | MEH 6    |
|       |               | DRAWN BY:                   |            |          |

DESTINATION RIDGE PLAT 6  
GRIMES, IOWA

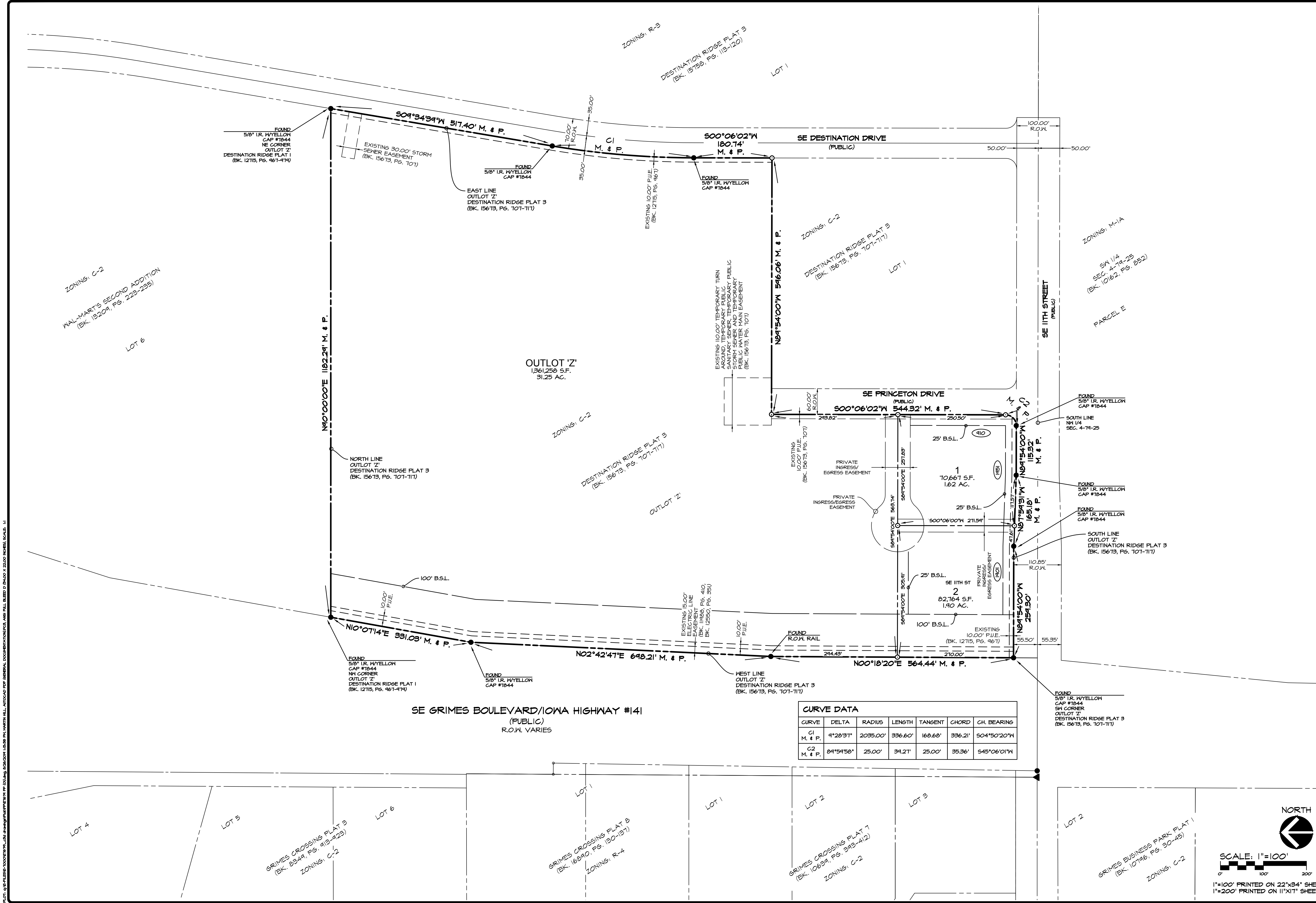
FINAL PLAT COVER SHEET

SHEET  
01  
OF 03

E-7614



PLAT 6, 94°15'00"00"E 182.24' M. & P. 115.38' PM, MARTIN HILL, AUTOCAD PLOT, GENERAL DOCUMENTS, AND WILL BE USED 2' (60.00 X 24.00 INCHES) SCALE. 11



DESTINATION RIDGE PLAT 6  
GRIMES, IOWA

FINAL PLAT DIMENSION SHEET

02  
OF 03

E-7674

Civil Engineering Consultants, Inc.  
2400 86th Street, Unit 12, Des Moines, Iowa 50322  
515.276.4884 · Fax: 515.276.7084 · mail@cecinc.com

CEC

SEAL

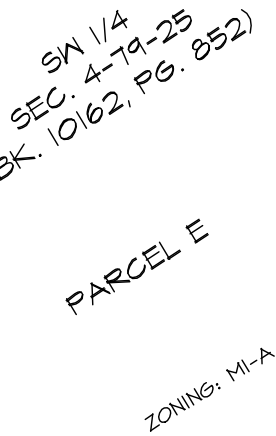
| DATE: | JULY 14, 2014 | REVISIONS | COMMENTS   |
|-------|---------------|-----------|------------|
|       |               | 1         | 2014-08-26 |
|       |               | 2         |            |
|       |               | 3         |            |
|       |               | 4         |            |
|       |               | 5         |            |
|       |               | 6         |            |

DATE OF SURVEY: MARCH, 2014

DESIGNED BY: PC

DRAWN BY: MEH





| PUBLIC<br>WATER MAIN<br>EASEMENT |             |         |
|----------------------------------|-------------|---------|
| LINE TABLE                       |             |         |
| LINE #                           | DIRECTION   | LENGTH  |
| L4                               | N89°54'00"W | 257.83' |
| L5                               | N89°54'00"W | 25.00'  |
| L6                               | N00°06'00"E | 17.00'  |
| L7                               | N00°06'00"E | 52.48'  |
| L8                               | N89°54'00"W | 35.90'  |

| PRIVATE<br>STORM SEWER<br>EASEMENT |             |         |
|------------------------------------|-------------|---------|
| LINE TABLE                         |             |         |
| LINE #                             | DIRECTION   | LENGTH  |
| L9                                 | N86°32'11"W | 25.54'  |
| L10                                | N00°06'00"E | 26.00'  |
| L11                                | N89°54'00"W | 219.83' |
| L12                                | N00°06'00"E | 249.00' |
| L13                                | N00°06'00"E | 89.86'  |

PRIVATE  
INGRESS / EGRESS EASEMENT  
AND  
PUBLIC UTILITY EASEMENT

| LINE TABLE |             |         |
|------------|-------------|---------|
| LINE #     | DIRECTION   | LENGTH  |
| L14        | N84°54'00"W | 186.72' |
| L15        | S84°54'00"E | 186.72' |

| CURVE DATA |           |        |         |         |         |             |
|------------|-----------|--------|---------|---------|---------|-------------|
| CURVE      | DELTA     | RADIUS | LENGTH  | TANGENT | CHORD   | CH. BEARING |
| C1         | 48°2'32"  | 34.00' | 28.76'  | 15.30'  | 27.91'  | N65°40'14"W |
| C2         | 138°2'32" | 61.00' | 147.41' | 160.83' | 114.07' | S64°14'46"W |
| C3         | 90°00'00" | 61.00' | 95.82'  | 61.00'  | 86.27'  | S44°54'00"E |
| C4         | 48°2'32"  | 61.00' | 51.54'  | 27.45'  | 50.07'  | N65°52'14"E |
| C5         | 48°2'32"  | 34.00' | 28.76'  | 15.30'  | 27.91'  | N65°52'14"E |

Civil Engineering Consultants, Inc.  
2400 86th Street . Unit 12 . Des Moines, Iowa 50322  
515.276.4884 . Fax: 515.276.7084 . mail@ceelac.com



| DATE:           | JULY 19, 2019 | REVISIONS  | COMMENTS |
|-----------------|---------------|------------|----------|
|                 | 1             | 2019-08-26 |          |
|                 | 2             |            |          |
|                 | 3             |            |          |
| DATE OF SURVEY: | MARCH, 2019   |            |          |
| DESIGNED BY:    | PC            |            |          |
| DRAWN BY:       | MEH           |            |          |
|                 | 6             |            |          |

**DESTINATION RIDGE PLAT 6**  
GRIMES, IOWA

---

**FINAL PLAT - EASEMENTS**

SHEET  
**03**  
OF 03  
E-7679



# Planning & Zoning Staff Report



TO: Planning and Zoning Commission  
FROM: Alex Pfaltzgraff, Development Services Director  
DATE: August 29, 2019  
RE: Destination Ridge Plat 6 – Final Plat

## GENERAL INFORMATION:

### **Applicant:**

Knapp Properties

### **Requested Action**

Final Plat

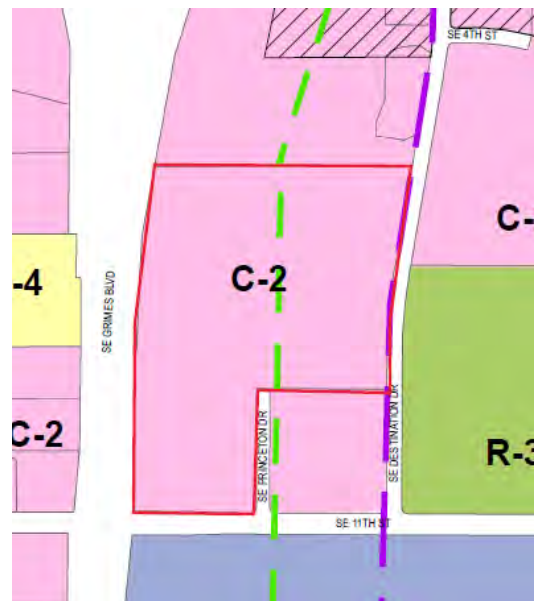
### **Location**

NE Corner of 141 and SE 11<sup>th</sup> St

## SUPPORTING INFORMATION:



Location Map



Zoning Map

**LAND USES & ZONING:**

| Location     | Existing Land Use        | Land Use Plan Designation | Current Zoning |
|--------------|--------------------------|---------------------------|----------------|
| Subject Site | Vacant                   | Commercial                | C-2            |
| North        | Commercial               | Commercial                | C-2            |
| South        | Vacant                   | Commercial                | M-1A           |
| East         | Retail                   | Commercial                | C-2/R-3        |
| West         | Commercial / Residential | Commercial                | C-2/R-4        |

**BACKGROUND:**

The site is currently a vacant commercial development outlot of Destination Ridge. The applicant, Knapp Properties recently requested approved of a preliminary plat, that would subdivide the property into two parcels, and one large outlot.

The two lots are located within the HWY 141 Corridor Overlay.

The applicant is now requesting approval of the Final Plat.

**ANALYSIS:**

A single private cul-de-sac off of SE Princeton Drive is under construction, along with the public water and sanitary sewer infrastructure.

Private ingress/egress easements are provided between the two lots, that will allow for access through the parcels from SE 11<sup>th</sup> St to the private cul-de-sac.

No additional improvements are planned at this time.

**STAFF RECOMMENDATION:**

Staff would recommend approval of the Final Plat, subject to any remaining staff comments.

**CITY OF GRIMES**

Alex Pfaltzgraff  
Development Services Director



July 9, 2019

Associated Engineering Company of Iowa  
Att: Vic Piagentini  
1830 SE Princeton Drive, Suite M  
Grimes, Iowa 50111

**James Street Villas – Final Plat**

FOX Ref No: 8630-16F.230

FOX Engineering has completed the second review of James Street Villas Final Plat as sent to FOX via email on June 26, 2019. Please address the following comments:

**General Comments:**

1. Please provide a fee payment of \$500 for review of the Storm Water Post-Construction Easement Agreement that will be required to be accepted prior to release of the Final Plat.
2. This Final Plat shall be subject to completion of all private/public improvements shown on the approved Preliminary Plat/Site Plan for James Street Villas. These incomplete improvements include (but are not limited to) the following:
  - a. Back Yard storm water swale
  - b. Placement of turnaround at the end of the drive lane
  - c. Trail
3. Parkland Dedication is required for this development. The Developer shall submit a plan to satisfy the Grimes Parkland Dedication Ordinance. A minimum of \$42,000 per acre is required.

**Final Plat Comments:**

4. The overall dimensions along the north and south lines of the subdivision should have crow's foot leader lines to show their beginning and end points.
5. Please add record bearings in addition to the distances shown on all lines being retraced.
6. The SW Corner of James Pointe is also the NW Cor. SE1/4, SE1/4 of Section 30-80-25. Please add that reference to the existing corner label.
7. Please add recorded bearing and distance for the overall length of the north line of the SE1/4, SE1/4. Your measured distance differs from the record distance, as shown on the plat of James Pointe.
8. You show a government corner labeled as "NE Corner Sec. 30-80-25". This is actually the E1/4 Corner. Regardless, it is unnecessary to show that corner at all as you have ties to two other government corners along the north line of this plat.
9. Please add a note to indicate the proposed use for Outlot Y.
10. Although the term "Outlot" is commonly used and accepted to mean a tract of land set aside for a use other than development in the current platting, it doesn't appear in either the Iowa Code or Grimes Ordinance. Please add a statement under "Notes" substantially similar to "No development may occur on Outlots X or Y of this plat until said outlots have been further subdivided into numbered lots and approved by the City of Grimes.



- 
11. The weight of the line used for the outer subdivision boundary obscures the corner monument labels to the point that it is difficult to distinguish between found and set corner monuments. This will become even more difficult as this plat is duplicated and/or reduced in scale for various uses. Either use a thinner line, while maintaining the darkness to differentiate from lot lines, or enlarge the corner labels.
  12. Please enlarge the text in the surveyor's certification to a more readable size.
  13. Please remove the lines and reference to Lot A, Hotovec Plat 1, yet show the centerline of James Street as noted in the first review of this plat. Show the centerline as a dash-dot line type to differentiate it from the other lines.
  14. Please add the text "A subdivision of" to the beginning of the legal description.
  15. There is a random symbol on the line between Lots 3B and 4A. Either add it to the legend or, if unimportant, remove it from the plat.
  16. There is an 'X' on the plat near the SE corner of Lot 1A. Either add it to the legend or, if unimportant, remove it from the plat.
  17. There is a single dotted line that runs into Outlot X. It appears to be an extension of the south line of the water main easement. Identify this line or, if unimportant, trim it back to the west line of Outlot Y.
  18. There is a single dimension of "61.08'" on the south line near the SW corner of the subdivision. It is unclear what this dimension is for. Either identify what is being dimensioned or remove it from the plat.
  19. Please update the flood boundary lines and map information to reflect the most recent (2/01/2019) map revision.
  20. Place a note on the plat stating that Lot A is being dedicated to the City of Grimes for public right of way.
  21. Per the agreement with City of Grimes for modified building setbacks, show the 25' front setback line in Lots 1A-5B, measured from the north line of NW 22nd Court, and add a note that references the granted variance to the R-2 Bulk Regulations. In that same note, address the modified setback (reduced from 30' to 25') along James Street in Lot 1A. Remove the text "From edge of pavement 25 feet" from the R-2 bulk regulations as that is not in the R-2 regulations.
  22. 166.09.09, the following shall also be attached to and accompany the Final Plat:
    - a. A certificate by the owner that the subdivision is with their free consent and is in accordance with the desire of the owner. This certificate must be signed and acknowledged by the owner and spouse before some officer authorized to that the acknowledgement of deeds.
    - b. A statement from the mortgage holders or lien holders that the plat is prepared with their free consent and in accordance with their desire, signed and acknowledged before an officer authorized to take the acknowledgment of deeds.
    - c. An opinion by an attorney-at-law who has examined the abstract of title of the land being platted. The opinion shall state the names of the proprietors and holders of mortgages, liens or other encumbrances on the land being platted and shall note the encumbrances, along with any bonds securing the encumbrances.
    - d. A certificate of the County Treasurer that the land is free from certified taxes and certified special assessments and that the certified special assessments are secured by bond in compliance with Chapter 354 of the Code of Iowa.

- 
- e. Please provide easement documents (forms) and all legal for review by Grimes City Attorney, Alecia Meuleners ([Meuleners@whitfieldlaw.com](mailto:Meuleners@whitfieldlaw.com)). Please DO NOT send original documents. A pdf of the documents via e-mail is the preferred method.
  - f. Please send the easement legals (PDF) to John Gade ([jmg@foxeng.com](mailto:jmg@foxeng.com)) for review.
23. Please provide a 4-year maintenance bond for all the utilities that will be dedicated to the city (water/sewer). The City Engineer shall review the cost estimates for all improvements to verify the bond amount.
24. Please submit a check for \$10,000 to cover the submittal requirements for Record Drawings associated with public improvements. This check will be returned once the Record Drawings are approved. These drawings shall include all public improvements. A digital copy of the Final Plat and Record Drawings is also required.
25. Once the Final Plat has been accepted by P&Z and Council, the City requires the following:
- a. Signed PDF
  - b. 1 Mylar - Signed
  - c. Resolution - The City holds the resolution until all legals, comments, and subdivision punchlist have been addressed.
  - d. Filing - The Developer files the plat once the City releases the resolution.
26. Please DO NOT send original copies of the plats to the City of Grimes. The City does NOT require originals to be stamped. The approval of the plat is the signed resolution by City Council. Note that the signed resolution will not be given to the Developer until all items have been addressed.

**FINAL PLAT SUBMITTAL SCHEDULE:**

**SUBMITTAL DEADLINE:** July 30, 2019 @ 9am (submit revised plan to [apfaltzgraff@grimesiowa.gov](mailto:apfaltzgraff@grimesiowa.gov))

**PLANNING & ZONING:** August 6, 2019 at 5:30 at the Grimes City Hall

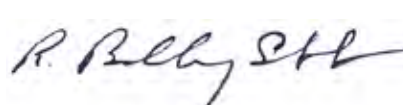
**COUNCIL MEETING:** August 13, 2019 at 5:30 at the Grimes City Hall

If you have any questions or concerns, please contact John Gade or Mitch Holtz at (515) 233-0000.

FOX ENGINEERING ASSOCIATES, INC.



Mitch Holtz, P.E.



Brad Stumbo, P.L.S.

Copy to: Alex Pfaltzgraff – Grimes Development Services Director



101 NE Harvey, Grimes, Iowa 50111  
515.986.3036 Fax 515.986.3846

## AGENDA MEMO

For Meeting of September 10, 2019

### **AGENDA HEADING:**

Approval of Final Plat for James Street Villas

### **SYNOPSIS:**

The site is currently a vacant townhome lot, of which the public improvements are nearing completion.

The Plat will allow for the development of 10 townhome units, along a private drive off of N. James Street.

The only change from the Preliminary Plat is the incorporation of Outlet Y. Outlot Y is reserved for future development, which will consist of 4 additional townhome units.

### **FISCAL IMPACT:**

N/A

### **PREVIOUS COUNCIL ACTION(S):**

Approve James Street Villas – Preliminary Plat

### **BOARD/COMMISSION ACTION(S):**

Recommendation of Approval – Planning and Zoning Commission, 9/3/2019

### **STAFF/COMMITTEE RECOMMENDATION:**

Staff would recommend approval of the James Street Villas Final Plat, subject to any remaining staff comments.

| INDEX LEGEND              |                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| LOCATION:                 | N JAMES, ST.<br>GRIMES, IA<br>PARCEL A HOTOVEC PLAT 1<br>AS SHOWN IN BOOK 42024 PAGE 29                                         |
| REQUESTOR:<br>PROPRIETOR: | HOMES BY ADVANTAGE LLC<br>HOMES BY ADVANTAGE LLC                                                                                |
| SURVEYOR:<br>COMPANY:     | GREGORY L ROSS, IA PLS NO. 13286<br>ASSOCIATED ENGINEERING COMPANY OF IOWA<br>1830 SE PRINCETON DR. SUITE M<br>GRIMES, IA 50111 |
| RETURN TO:                | ASSOCIATED ENGINEERING COMPANY OF IOWA<br>1830 SE PRINCETON DR. SUITE M<br>GRIMES, IA 50111                                     |

\*AREA ABOVE FOR RECORDATION ONLY\*

# JAMES STREET VILLAS

CITY OF GRIMES - POLK COUNTY - IOWA - FINAL PLAT - SHEET 1 OF

OWNER/DEVELOPER

HOMES BY ADVANTAGE LLC  
6250 NW BEAVER DR UNIT 6  
JOHNSTON, IA 50131  
CONTACT: KIRK A HESSE  
PHONE: (515) 208-7777

## BULK REGULATIONS

|                                     |         |
|-------------------------------------|---------|
| SETBACK REQUIREMENTS PER R-2 ZONING |         |
| FRONT YARD                          | 30 FEET |
| REAR YARD                           | 25 FEET |
| SIDE YARD                           |         |
| 1-1/2 STORIES                       | 7/14    |
| 2-3 STORIES                         | 10/20   |

THE CITY OF GRIMES GRANTED A VARIANCE THAT REDUCED THE FRONT SETBACK TO 25' FROM THE EDGE OF PAVEMENT. THIS IS SHOWN ON THE PLAT AS THE 67' SETBACK LINE.

GREEN SPACE REQUIRED 40%

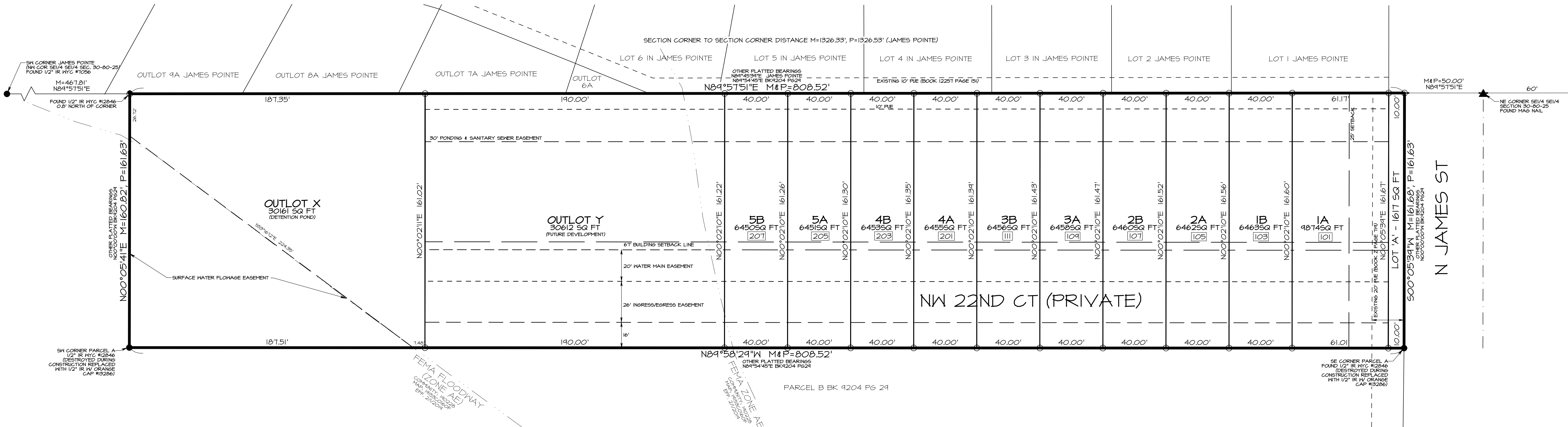
## LEGAL DESCRIPTION

A SUBDIVISION OF PARCEL A OF LOT 1 IN HOTOVEC PLAT 1, AN OFFICIAL PLAT, NOW INCLUDED IN AND FORMING A PART OF THE CITY OF GRIMES, POLK COUNTY, IOWA, AS SHOWN BY PLAT OF SURVEY FILED JUNE 28, 2002, IN BOOK 9204, PAGE 29 OF THE POLK COUNTY RECORDER.

SAID PARCEL CONTAINS 2.98 ACRES

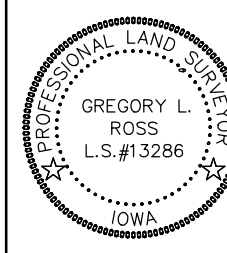
## NOTES

- 1) NO DEVELOPMENT MAY OCCUR ON OUTSLOTS X OR Y OF THIS PLAT UNTIL SAID OUTLOTS HAVE BEEN FURTHER SUBDIVIDED INTO NUMBERED LOTS AND APPROVED BY THE CITY OF GRIMES.
- 2) LOT A IS BEING DEDICATED TO THE CITY OF GRIMES FOR PUBLIC RIGHT OF WAY.
- 3) BASIS OF BEARINGS: IOWA STATE PLANE COORDINATE SYSTEM - IOWA SOUTH ZONE.



## CERTIFICATION

I HEREBY CERTIFY THAT THIS LAND SURVEYING DOCUMENT WAS PREPARED BY ME AND THE  
RELATED SURVEY WORK WAS PERFORMED UNDER MY DIRECT SUPERVISION AND THAT I AM  
A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF IOWA.  
LICENSE RENEWAL DATE: DEC 31 2020      PAGES COVERED BY THIS SEAL: THIS PAGE ONLY



## LEGEND

- MONUMENT FOUND AS NOTED  
 ○ SET 1/2" IR W/ ORANGE CAP #13286  
 ▲ SECTION CORNER FOUND AS NOTED  
 △ SECTION CORNER SET AS NOTED  
 M= MEASURED DISTANCE OR BEARING  
 P= RECORDED DISTANCE OF BEARING



**AEC ASSOCIATED ENGINEERING  
COMPANY OF IOWA**  
1830 SE Princeton Dr. Ste M Grimes, IA 50111  
Phone: (515) 255-3156 Fax: (515) 255-3157

PROJECT #: 206392  
REVISED 7/30/19 PER CITY COMMENTS DATED 7/9/19



May 28, 2019

**Att: Mark McMurphy**  
Abaci Consulting, Inc.  
101 NE Circle Drive  
Grimes, IA 50111

**Shri Shirdi Sai Baba Temple of Des Moines – Site Plan**

1100 SE 25th Street

FOX Ref No: 8630-035.246

FOX Engineering has completed the third review for the Shri Shirdi Sai Baba Temple of Des Moines Site Plan dated May 27, 2019. Please address the following comments:

**General Comments:**

1. The fire chief has yet to comment on this site plan. His comments will be forthcoming.
2. The Zoning Board of Adjustment granted a special use permit to allow this proposed religious facility in the M1-A District on May 21, 2019.
3. The Developer has stated that an NPDES permit, SWPPP narrative and Grimes Grading/Development Certification will be provided as soon as possible and prior to grading activities at the site.
4. The Developer has stated that a Post Construction Easement Agreement will be provided as soon as possible and prior to grading activities at the site.

**Lighting Plan**

5. It is our understanding that the architect is working on the lighting plan for the site. The Developer has stated this lighting plan will be submitted as soon as possible and will meet or exceed City requirements for lighting.

**Elevation Plan**

6. It is highly recommended that you bring detailed building materials and color schemes with you to P&Z.
  - The Site Plan is approved subject to the comments, above. If any revisions are necessary per Grimes Council and/or Fire Department, a signed revised site plan will be necessary.
  - The SWMP is approved.
  - The Elevation Plan is approved subject to P&Z/Council review.

---

**SITE PLAN SCHEDULE:**

**PLANNING & ZONING:** June 4, 2019 at 5:30 at the Grimes City Hall

**COUNCIL MEETING:** June 11, 2019 at 5:30 at the Grimes City Hall

If you have any questions or concerns, please contact Mitch Holtz. We reserve the right to modify and/or add to these comments.

Sincerely,  
FOX Engineering Associates, Inc.



Mitch Holtz, P.E.

Copy to: Scott Clyce, City of Grimes  
Alex Pfaltzgraff, City of Grimes





101 NE Harvey, Grimes, Iowa 50111  
515.986.3036 Fax 515.986.3846

## AGENDA MEMO

For Meeting of September 10, 2019

### **AGENDA HEADING:**

Approval of Site Plan for Shri Shirdi Sai Baba Temple of Des Moines

### **SYNOPSIS:**

The subject site is currently a vacant platted lot within the M-Keds Plat 3 subdivision. It was platted and provided with public utilities with the development of the M-Keds subdivision. There are a number of remaining developable commercial lots within this subdivision, with a few site plans approved for construction.

The site is not located within any of the corridor overlay districts.

The applicant, SSST Temple of DM, has requested approval to construct an approximately 2,720 square foot worship facility on the on the 2.39-acre site. The facility will provide for the location of the worship and fellowship opportunities within the organization's community.

The applicant has navigated through the required special use permit process, and was granted a special use permit by the Board of Adjustment in June.

### **FISCAL IMPACT:**

N/A

### **PREVIOUS COUNCIL ACTION(S):**

Approve M-KEDS Plat 3 – Final Plat

### **BOARD/COMMISSION ACTION(S):**

Recommendation of Approval – Planning and Zoning Commission, 9/3/2019

### **STAFF/COMMITTEE RECOMMENDATION:**

Staff would recommend approval of the Shri Shirdi Sai Baba Temple of Des Moines Site Plan, subject to any remaining staff comments.



**101 NE Harvey, Grimes, Iowa 50111**  
**515.986.3036 Fax 515.986.3846**

SITE PLAN / PROPOSED CONSTRUCTION PLANS

SHRI SHIRDI SAI BABA TEMPLE OF DES MOINES-1100 SE 25TH ST.

GRIMES, IOWA

| EXISTING | PROPOSED | STANDARD LEGEND                                    |
|----------|----------|----------------------------------------------------|
|          |          | CENTERLINE OF ROADWAY                              |
|          |          | SECTION LINE                                       |
|          |          | PLAT BOUNDARY LINE                                 |
|          |          | PROPERTY (LOT) LINE                                |
|          |          | RIGHT-OF-WAY (ROW)                                 |
|          |          | BUILDING SETBACK LINE (BSL)                        |
|          |          | DETENTION-RETENTION EASEMENT                       |
|          |          | ELECTRICAL (LIGHTING) EASEMENT                     |
|          |          | GAS (LINE) EASEMENT                                |
|          |          | GENERIC/MISCELLANEOUS/OTHER EASEMENT               |
|          |          | INGRESS-EGRESS (ACCESS) EASEMENT                   |
|          |          | LANDSCAPING BUFFER EASEMENT                        |
|          |          | PUBLIC UTILITY EASEMENT (PUE)                      |
|          |          | RAILROAD EASEMENT                                  |
|          |          | ROADWAY/HIGHWAY EASEMENT                           |
|          |          | SANITARY SEWER EASEMENT                            |
|          |          | STORM SEWER EASEMENT                               |
|          |          | STORM SEWER AND SURFACE WATER FLOWAGE EASEMENT     |
|          |          | SURFACE WATER FLOWAGE (OVERFLOW) EASEMENT          |
|          |          | TRAIL EASEMENT                                     |
|          |          | WATERMAIN EASEMENT                                 |
|          |          | TEMPORARY CONSTRUCTION EASEMENT                    |
|          |          | CLEANOUT, SANITARY OR STORM                        |
|          |          | DOWNSPOUT                                          |
|          |          | ELECTRICAL PEDESTAL/BOX                            |
|          |          | FENCE LINE                                         |
|          |          | FIRE HYDRANT (ASSEMBLY)                            |
|          |          | FLARED END SECTION (FES)                           |
|          |          | GAS MAIN (OR SERVICE)                              |
|          |          | GAS VALVE                                          |
|          |          | LIGHT, BUILDING MOUNTED                            |
|          |          | LIGHT, GROUND MOUNTED                              |
|          |          | MAJOR CONTOUR W/ ELEVATION                         |
|          |          | MINOR CONTOUR W/ ELEVATION                         |
|          |          | OVERHEAD ELECTRIC                                  |
|          |          | POWER POLE W/ LIGHT, OR POLE MOUNTED SITE LIGHTING |
|          |          | POWER POLE                                         |
|          |          | SANITARY SEWER MANHOLE                             |
|          |          | SANITARY SEWER PIPE (OR SERVICE)                   |
|          |          | SIGN                                               |
|          |          | STORM INTAKE, ROUND                                |
|          |          | STORM INTAKE, RECTANGULAR                          |
|          |          | STORM INTAKE, SINGLE IN CURBLINE                   |
|          |          | STORM INTAKE, DOUBLE IN CURBLINE                   |
|          |          | STORM SEWER MANHOLE                                |
|          |          | STORM SEWER PIPE (OR SERVICE)                      |
|          |          | SUBDRAIN/SUMP LINE                                 |
|          |          | TELEPHONE PEDESTAL                                 |
|          |          | TELEVISION PEDESTAL                                |
|          |          | TRANSFORMER, ELECTRIC                              |
|          |          | UNDERGROUND ELECTRIC                               |
|          |          | UNDERGROUND FIBER OPTICS                           |
|          |          | UNDERGROUND TELEPHONE                              |
|          |          | UNDERGROUND TELEVISION                             |
|          |          | WATERMAIN (OR SERVICE)                             |
|          |          | WATERMAIN GATE VALVE                               |
|          |          | WATER SERVICE SHUTOFF                              |

NOTES:

1. NOT ALL SYMBOLS AND LINES SHOWN IN THIS STANDARD LEGEND ARE UTILIZED WITHIN THIS CONSTRUCTION PLAN SET.

2. SEE 'GENERAL NOTES AND INFORMATION' SHEETS FOR STANDARD ABBREVIATIONS.

REFERENCE STATEMENT:

THIS SURVEY/ENGINEERING DOCUMENT WAS PREPARED FOR USE ON THIS PROJECT IN ACCORDANCE WITH THE CLIENT'S SCOPE OF WORK REQUIREMENTS. ABACI CONSULTING, INC. ASSUMES NO RESPONSIBILITY OR LIABILITY (CONSEQUENTIAL OR OTHERWISE) FOR ANY USE OF THIS DRAWING (OR ANY PART THEREOF) EXCEPT IN ACCORDANCE WITH THE TERMS OF SAID SCOPE OF WORK REQUIREMENTS.

UTILITIES SHOWN FOR REFERENCE ONLY. IOWA LAW REQUIRES AT LEAST 48 HOURS ADVANCE NOTICE BEFORE EXCAVATION BEGINS. NOTIFY IOWA ONE-CALL SERVICE PHONE 1-800-292-8989. ADDITIONALLY, THE CONTRACTOR SHALL ALSO NOTIFY THE OWNER AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION AND HAVE ANY AND ALL PRIVATE UTILITIES LOCATED.

SITE ADDRESS/NEAREST MAJOR INTERSECTION:  
1100 SE 25TH STREET,GRIMES 50111

FEMA FIRM PANEL(S):  
NUMBER = 19153C0165F; EFFECTIVE DATE = FEBRUARY 1, 2019

THE PROJECT SITE(S) DOES NOT LIE WITHIN THE FEMA REGULATORY 100-YEAR FLOOD PLAIN.



INDEX OF SHEETS

- 1 - TITLE SHEET
- 2 - GENERAL NOTES AND INFORMATION 1
- 3 - GENERAL NOTES AND INFORMATION 2
- 4 - GENERAL NOTES AND INFORMATION 3
- 5 - GENERAL NOTES AND INFORMATION 4
- 6 - GEOMETRIC PLAN
- 7 - GRADING PLAN
- 8 - UTILITY PLAN
- 9 - LANDSCAPING PLAN
- 10 - DETAILS
- 11 - INITIAL EORISION CONTROL PLAN

INDEX OF REVISIONS

| NO: | REVISION DESCRIPTION: | DATE:   |
|-----|-----------------------|---------|
| 1   | PER CITY REVIEW #1    | 5/17/19 |
| 2   |                       |         |
| 3   |                       |         |
| 4   |                       |         |

BENCHMARK(S) INFORMATION:

|                                                                                                                    |                |
|--------------------------------------------------------------------------------------------------------------------|----------------|
| BURY BOLT ON FHYD ON S.SIDE OF SE 28TH AVE, MID-BLOCK BTW ENTERPRISE AND GATEWAY                                   | ELEV. = 962.04 |
| BURY BOLT ON FHYD AT SE CORNER OF GATEWAY AND SE 28TH AVE.                                                         | ELEV= 962.75   |
| BURY BOLT ON FHYD ON W SIDE OF HWY 141 ACROSS FROM MOBILE HOME PARK DIRECTLY EAST OF THE EXTENSION OF SE 25TH AVE. | ELEV.=962.83   |

PROJECT INFORMATION:

THIS CONSTRUCTION DRAWING PLAN SET WAS ORIGINALLY SETUP FOR AND PRINTED ON 11x17 PAPER. BAR SCALES ARE PROVIDED ON PLAN SHEETS FOR VERIFICATION - ALWAYS CHECK AGAINST BAR SCALE.

ABACI PROJECT NO.: 19015 ABACI FILE NO: 19015CD

ENGINEER/SURVEYOR:

**MANAGING OFFICE:** GRIMES  
OFFICE: (515) 986-5048  
FAX: (515) 986-0588

**PROJECT MANAGER:** MARK McMURPHY  
MOBILE: (515) 556-5460  
EMAIL: mark@abaciconsulting.com

**SURVEY COORDINATOR:** VINCE PIAGENTINI  
MOBILE: (515) 480-0472  
EMAIL: Vincep@abaciconsulting.com

CITY/PROJECT BULK REGULATIONS:

CURRENT ZONING: MI-A COMMERCIAL AND LIMITED LIGHT INDUSTRIAL DISTRICT

| BULK REGULATIONS    | MI-A        |
|---------------------|-------------|
| MIN. LOT AREA       | N/A SQ. FT. |
| MIN. LOT WIDTH      | N/A         |
| FRONT YARD BSL      | 25'         |
| SIDE YARD BSL       | 0'          |
| REAR YARD BSL       | 25'         |
| MINIMUM GREEN SPACE | 10 %        |

\* ADJACENT TO DIFFERENT ZONING OR USE.

OWNER:

ATTN: SRINIVAS ANNAPUREDDY  
SSST TEMPLE OF D.M.  
PO BOX 71128  
CLIVE, IA 50325  
MOBILE: (515) 867-1783  
EMAIL: sreddi927@gmail.com

DEVELOPER:  
SAME AS OWNER

PROJECT LEGAL DESCRIPTION:

LOT 10 M-KEDS HOME PLACE PLAT 2, OFFICIAL PLAT, GRIMES,POLK COUNTY,IOWA.

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED AND THE RELATED WORK WAS PERFORMED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

PRELIMINARY

SIGNATURE **MARK McMURPHY** DATE

PRINTED OR TYPED NAME:  
IOWA LIC. NO.  
MY LICENSE RENEWAL DATE IS DECEMBER 31, 2020

PAGES COVERED BY THIS SEAL:

SHRI SHIRDI SAI BABA TEMPLE OF D.M.-1100 SE 25TH STREET



CITY OF GRIMES NOTES:

1. ANY CITY (GENERAL/STANDARD) NOTES SHALL GOVERN IF DISCREPANCIES OCCUR WITHIN THESE (GENERAL) PROJECT NOTES.
2. A SIGN PERMIT IS REQUIRED PRIOR TO INSTALLATION OF ANY ONSITE SIGNAGE.

GENERAL NOTES:

1. THIS ENGINEERING/SURVEY DOCUMENT WAS PREPARED FOR USE ON THIS PROJECT IN ACCORDANCE WITH THE CLIENT'S SCOPE OF WORK REQUIREMENTS. ABACI CONSULTING, INC. ASSUMES NO RESPONSIBILITY OR LIABILITY (CONSEQUENTIAL OR OTHERWISE) FOR ANY USE OF THIS DRAWING (OR ANY PART THEREOF) EXCEPT IN ACCORDANCE WITH THE TERMS OF SAID SCOPE OF WORK REQUIREMENTS.
2. THESE DRAWINGS ARE BEING MADE AVAILABLE BY ABACI CONSULTING, INC FOR USE ON THIS PROJECT IN ACCORDANCE WITH ABACI'S AGREEMENT FOR PROFESSIONAL SERVICES. ABACI ASSUMES NO RESPONSIBILITY OR LIABILITY FOR ANY USE OF THESE DRAWINGS (OR ANY PART THEREOF) EXCEPT IN ACCORDANCE WITH THE TERMS OF SAID AGREEMENT.
3. SEE THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE INITIAL EROSION CONTROL MEASURES ON THE "INITIAL EROSION CONTROL (SWPPP) PLAN" SHEETS.
4. SEE ALL OTHER PLAN SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
5. ALL CONSTRUCTION SHALL CONFORM TO THE MOST RECENT EDITION OF THE CITY STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, WITH APPLICABLE SUPPLEMENTAL SPECIFICATIONS; AND THE LATEST EDITION OF IOWA SUDAS STANDARDS AND SPECIFICATIONS - EXCEPT AS MODIFIED HEREIN.

5.1. THE CITY STANDARD SPECIFICATIONS SHALL GOVERN IF ANY DISCREPANCIES ARE FOUND IN CONSTRUCTION DRAWING NOTES AND ANY SEPARATE CONSTRUCTION SPECIFICATIONS.

5.2. IN THE EVENT OF A DISCREPANCY BETWEEN THE CITY STANDARD DETAILS AND THE DETAILED CONSTRUCTION DRAWINGS, THE DETAILED CONSTRUCTION DRAWINGS SHALL GOVERN.
6. ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CITY, COUNTY, AND STATE CODES, ORDINANCES, REGULATIONS, AND RULES, INCLUDING THE COUNTY STANDARD/SUPPLEMENTAL SPECIFICATIONS FOR PUBLIC IMPROVEMENTS. WHERE NOT OTHERWISE COVERED BY THE ABOVE, IN THE NOTES BELOW, OR WITHIN THIS PLAN SET, AND THE LATEST EDITION OF THE IOWA SUDAS STANDARDS AND SPECIFICATIONS SHALL GOVERN.
7. THE CONTRACTOR(S) SHALL BE FAMILIAR WITH AND COMPLY ALL STANDARDS, DETAILS, SPECIFICATIONS, CODES, ORDINANCES, REGULATIONS, AND RULES, ETC. NOTHING IN THESE DOCUMENTS SHALL RELIEVE THE CONTRACTOR(S) OF THIS REQUIREMENT.
8. ALL CONSTRUCTION PROCEDURES AND MATERIALS SHALL MEET OR EXCEED MINIMUM REQUIREMENTS OF THE CITY.

8.1. THE CONTRACTOR(S) SHALL SUBMIT SHOP DRAWINGS, CUT SHEETS, OR MATERIAL SPECIFICATIONS TO COUNTY PUBLIC WORKS ON ALL CONSTRUCTION MATERIALS USED PRIOR TO CONSTRUCTION.

8.2. PRIOR TO CONSTRUCTION, THE CONTRACTOR(S) SHALL PROVIDE SUBMITTAL(S) OF ALL CONSTRUCTION MATERIALS BEING USED.
9. ALL REFERENCES TO SECTIONS AND/OR FIGURES ARE TO THE SUDAS STANDARD SPECIFICATIONS WITH FIGURES, UNLESS OTHERWISE NOTED. COUNTY STANDARD SPECIFICATIONS AND/OR DETAILS SHALL GOVERN IF ANY DISCREPANCIES.
10. THIS PROJECT IS COVERED BY THE IOWA DEPARTMENT OF NATURAL RESOURCES NPDES GENERAL PERMIT NO. 2; WITH ALL TERMS AND CONDITIONS.

10.1. ALL CONTRACTOR(S) SHALL MAINTAIN PROPER EROSION CONTROL THROUGHOUT THE ENTIRE PROJECT. SEE 'SWPPP/EROSION CONTROL' AND 'GRADING' NOTES.

10.2. NPDES NOI GENERAL PERMIT HOLDER IDENTIFIED IN CURRENT SWPPP SHALL PROVIDE WRITTEN VERIFICATION TO THE COUNTY ON COMPLIANCE WITH THE GENERAL PERMIT #2 TOPSOIL REQUIREMENTS UPON COMPLETION OF THE PROJECT.
11. ALL MUD, SOIL, AND/OR DEBRIS SPILLED ON THE STREETS OR ADJACENT PROPERTY SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR(S) - AT LEAST AT THE END OF EACH WORK DAY; PRIOR TO ANY RAIN EVENT; AND AS DIRECTED. OR, THE OWNER/DEVELOPER SHALL REMOVE THE ITEMS AND DEDUCT THE COST FROM THE AMOUNT DUE TO THE CONTRACTOR(S).
12. THE LOCATION OF ALL UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM EXISTING PUBLIC RECORDS AND SURVEYS. THE EXACT LOCATION AND ELEVATION OF ALL PUBLIC UTILITIES MUST BE DETERMINED BY THE CONTRACTOR(S). IT SHALL BE THE DUTY OF THE CONTRACTOR(S) TO ASCERTAIN WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT; AND TO NOTIFY THE OWNER(S) OF THE UTILITIES. THE CONTRACTOR(S) SHALL AFFORD ACCESS TO THESE FACILITIES BY THE OWNERS FOR NECESSARY MODIFICATION OF SERVICES.
13. PRIOR TO ANY WORK AT THE SITE, THE CONTRACTOR(S) SHALL EXAMINE ANY APPLICABLE DRAWINGS AVAILABLE FROM THE OWNER, ENGINEER, AND/OR ARCHITECT; AND SHALL CONSULT WITH OWNER'S PERSONNEL AND UTILITY COMPANY REPRESENTATIVES. NO COMPENSATION WILL BE ALLOWED FOR DAMAGE FROM FAILURE TO COMPLY WITH THIS REQUIREMENT.
14. THE CONTRACTOR(S) SHALL NOTIFY THE COUNTY AND THE ENGINEER IF ANY FIELD TILES ARE ENCOUNTERED OR INTERCEPTED. THE CONTRACTOR(S) SHALL EITHER RECONNECT THE FIELD TILE OR CONNECT IT TO THE STORM SEWER SYSTEM. THE CONTRACTOR(S) SHALL KEEP A RECORD OF ALL FIELD TILE(S) ENCOUNTERED AND/OR INTERCEPTED; AND THE ACTION PERFORMED. THIS INFORMATION WILL BE GIVEN DIRECTLY TO THE COUNTY PUBLIC WORKS/ENGINEERING DEPARTMENT, AND ALSO INCORPORATED INTO ANY NOTED RECORD/AS-BUILT DRAWINGS.
15. THE CONTRACTOR(S) SHALL CONTACT IOWA ONE CALL AT 800-292-8989 OR AT 811 A MINIMUM OF 24 HOURS PRIOR TO BEGINNING WORK OR ANY WORK

STAGE.

- 15.1. THE CONTRACTOR(S) SHALL ALSO NOTIFY THE OWNER/DEVELOPER AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION AND HAVE ANY AND ALL PRIVATE UTILITIES LOCATED.
- 15.2. THE CONTRACTOR(S) SHALL NOTIFY ABACI CONSULTING, INC. AT LEAST ONE (1) WEEK PRIOR TO STARTING ANY SUBSTANTIAL CONSTRUCTION ACTIVITIES.
16. ALL TESTING SHALL BE TO CITY STANDARDS AND CITY STAFF SHALL BE PRESENT DURING AND WITNESS ALL TESTING.
17. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR GIVING THE CITY AND OTHER INSPECTION AGENCIES PROPER NOTICE FOR THEIR REQUIRED INSPECTIONS.
18. THE CONTRACTOR(S) SHALL NOTIFY THE CITY PUBLIC WORKS/ENGINEERING DEPARTMENT AT LEAST 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION, WEEKEND WORK, AND/OR HOLIDAY WORK.
19. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR APPLYING FOR AND OBTAINING ANY AND ALL REQUIRED PERMITS FOR PERFORMING THE WORK, EXCEPT THAT THE OWNER/DEVELOPER SHALL APPLY FOR AND OBTAIN THE FOLLOWING:

19.1. ANY STORMWATER DISCHARGE PERMITS FROM THE IDNR AND/OR THE COUNTY.

19.2. ANY GRADING/COSESCO PERMITS FROM THE IDNR AND/OR THE COUNTY.

19.3. ANY SANITARY SEWER AND WATERMAIN PERMITS FROM THE IDNR AND/OR THE COUNTY.

19.4. ANY DOT (FEDERAL, STATE, AND COUNTY) AND/OR RAILROAD PERMITS WITH THE ASSISTANCE OF THE COUNTY.
20. ALL PERMITS FROM IDNR, IDOT, COUNTY, CITY, AND/OR OTHER PERMITTING AGENCIES SHALL BE OBTAINED PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR(S) SHALL HAVE PAPER A COPY OF EACH ONSITE BEFORE COMMENCING CONSTRUCTION.
21. ALL CONSTRUCTION STAKING SHALL BE DONE UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER AND/OR LAND SURVEYOR INCLUDING, BUT NOT LIMITED TO: ROADWAYS/STREETS, ALLEYS, PEDESTRIAN FACILITIES (INCLUDING ALL CURB DROPS AND SIDEWALK/SHARED USE PATH LOCATIONS), AND UTILITIES.

21.1. ALL CONSTRUCTION STAKING SHALL BE PROVIDED BY THE OWNER/DEVELOPER THROUGH A CONTRACT WITH ABACI CONSULTING, INC.

21.2. ALL CONSTRUCTION STAKING, PROPERTY PINS, ETC. SHALL BE PROTECTED FROM GRADING AND/OR OTHER OPERATIONS. ANY DISTURBED SHALL BE RESET AT THE CONTRACTOR'S EXPENSE.

21.3. RESET ALL PROPERTY PINS DISTURBED BY CONSTRUCTION ACTIVITIES. PROPERTY PINS SHALL BE RESET BY A REGISTERED LAND SURVEYOR AND SHALL BY INCIDENTAL TO CONSTRUCTION.
22. THE CONTRACTOR(S) SHALL CONFINE HIS/HER OPERATIONS WITHIN THE PROJECT LIMITS AND ANY RELATIVE EASEMENTS. THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO OTHER PROPERTY.
23. THE CONTRACTOR SHALL PROTECT EXISTING (SHOWN AND NOT SHOWN) FACILITIES THAT ARE TO REMAIN AT THE SITE (ON AND/OR SURROUNDING) AGAINST DAMAGE. ANY DAMAGES TO EXISTING UTILITIES NOT SCHEDULED FOR REMOVAL SHALL BE REPAIRED TO THE UTILITY OWNER'S SPECIFICATIONS AND AT THE CONTRACTOR'S EXPENSE.
24. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR ANY AND ALL CLAIMS OF ANY TYPE WHATSOEVER RESULTING FROM DAMAGE(S) TO ADJOINING PROPERTIES.
25. THE CONTRACTOR(S) SHALL REPAIR, REPLACE, AND/OR RETURN ANY DAMAGED ITEM TO AT LEAST THE ORIGINAL CONDITION, WITHOUT ADDITIONAL COMPENSATION.
26. ANY DAMAGE DONE TO THE EXISTING AND/OR PROPOSED FENCES, YARDS, OR OTHER IMPROVEMENTS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
27. THE CONTRACTOR(S) IS RESPONSIBLE FOR REPLACING ANY AREAS OF PAVEMENT OR SIDEWALK NOT TO BE REMOVED THAT IS DAMAGED, AND/OR REMOVED BEYOND THE LIMITS SHOWN, DUE TO OPERATING HIS/HER EQUIPMENT OR ACTIONS ON THE PAVEMENT OR SIDEWALK. PAVEMENT REPLACEMENT SHALL COMPLY WITH THE COUNTY STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS.
28. THE CONTRACTOR(S) MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR THE CITY, TO PLACE TEMPORARY WARNING DEVICES AND/OR SAFETY FENCE AT CERTAIN LOCATIONS WHERE REPLACEMENT FEATURES ARE NOT FULLY INSTALLED THE SAME DAY. THIS WILL BE INCIDENTAL TO TRAFFIC CONTROL.
29. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR ALL REQUIRED WORK ZONE TRAFFIC CONTROL (VEHICULAR, BICYCLE, AND/OR PEDESTRIAN) REQUIRED DURING ANY AND ALL OPERATIONS - AT LEAST APPROVAL, PERMITTING, INSTALLING, MAINTAINING, AND REMOVAL. THESE SHALL BE INSTALLED PRIOR TO BEGINNING WORK ON THE SITE.

29.1. AS REQUIRED AND PRIOR TO PROCEEDING WITH THE WORK, THE CONTRACTOR(S) SHALL PROVIDE THE CITY, COUNTY, AND/OR STATE AGENCIES A TRAFFIC CONTROL PLAN FOR ANY SIDEWALK, LANE, AND/OR ROADWAY CLOSURES.

29.2. DURATION OF ANY CLOSURE SHALL BE LIMITED TO FIVE (5) BUSINESS DAYS, UNLESS OTHERWISE NOTED.

29.3. AS REQUIRED AND PRIOR TO PROCEEDING WITH THE WORK, THE CONTRACTOR(S) SHALL COORDINATE HIS/HER TRAFFIC CONTROL WITH OTHER PUBLIC AND/OR PRIVATE CONSTRUCTION PROJECT(S) IN THE SURROUNDING AREA.
30. THE CONTRACTOR(S) SHALL FURNISH AND PLACE ALL NECESSARY TEMPORARY SIGNS, BARRICADES, STRIPING, ETC. DURING CONSTRUCTION IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS. ALL ROADS AND/OR FEATURES SHALL BE BARRICADED AND MAINTAINED UNTIL ACCEPTANCE BY COUNTY. COORDINATE WITH COUNTY ON REMOVAL OF ANY CONFLICTING SIGNAGE.

- THE OWNER/DEVELOPER SHALL INSTALL ONE-WAY SIGNAGE IN COMPLIANCE WITH MUTCD FOR ANY 12 FOOT WIDE DRIVES.
31. ALL DISTURBED AREAS SHOULD BE RESTORED BY SEEDING OR SODDING. ANY EXISTING ESTABLISHED LAWNS SHALL BE REPLACED WITH SOD. ALL DISTURBED AREAS SHALL BE WATERED UNTIL ESTABLISHED AND SHALL BE INCIDENTAL TO CONSTRUCTION. SOD MAINTENANCE PERIOD SHALL BE WHEN SOD IS DEEMED ESTABLISHED BY THE COUNTY, BUT SHALL NOT EXTEND BEYOND ONE (1) YEAR.
32. REMOVE, PROTECT, AND REPLACE ALL STREET SIGNS AS DIRECTED BY THE ENGINEER, INCIDENTAL TO CONSTRUCTION.
33. THE CITY SHALL FURNISH AND PLACE ALL NECESSARY STREET SIGNS AT ALL STREET CORNERS; AND OTHER SIGNAGE AS DEEMED OR WARRANTED.
34. MAINTENANCE/PERFORMANCE BONDS SHALL BE PROVIDED AS REQUIRED BY CITY ORDINANCE OR CODE.
35. ANY CHANGES TO THE PROPOSED PLAN AND/OR APPROVED CONSTRUCTION DRAWINGS SHALL BE SUBMITTED TO THE PROJECT ENGINEER AND TO THE CITY PUBLIC WORKS/ENGINEERING DEPARTMENT IN WRITING PRIOR TO IMPLEMENTATION. ALL PROPOSED CHANGES SHALL BE PERFORMED BY THE PROJECT ENGINEER. CONTRACTOR(S) SHALL BE RESPONSIBLE FOR COSTS ASSOCIATED WITH CHANGES MADE WITHOUT WRITTEN COUNTY APPROVAL.
36. ACCESS SHALL BE MAINTAINED TO ALL EXISTING ENTRANCES AND/OR DRIVEWAYS AT ALL TIMES AND SHALL BE INCIDENTAL TO CONSTRUCTION AND SHALL BE THE CONTRACTORS' RESPONSIBILITY.
37. THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.
38. DO NOT STORE AND/OR STOCKPILE CONSTRUCTION MATERIALS AND/OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (PROPOSED OR EXISTING) OR IN THE FRONT YARD SETBACK.
39. "APPROVED EQUAL" SHALL MEAN: APPROVED IN WRITING BY BOTH THE CITY AND THE PROJECT DESIGN ENGINEER (ABACI CONSULTING, INC.).
40. THE CONTRACTOR(S) SHALL VERIFY ALL BUILDING AND/OR TRASH ENCLOSURE DIMENSIONS WITH THE ARCHITECTURAL PLANS.

GENERAL SURVEYING NOTES:

1. GENERAL INFORMATION - MEASUREMENT UNITS FOR THIS PROJECT ARE IN US SURVEY FEET. PROJECT DATUM AND CONTROL POINT INFORMATION WAS ESTABLISHED USING IOWA RTN (REAL-TIME NETWORK) REFERENCE STATIONS.
2. VERTICAL CONTROL - VERTICAL DATUM FOR THIS PROJECT BASED ON A NAVD'88 AND/OR CITY ESTABLISHED BENCHMARK(S) AND IS THEN TIED TO AT LEAST ONE (1) BENCHMARK (AS SHOWN AND NOTED) ESTABLISHED SPECIFICALLY FOR THIS PROJECT.
3. HORIZONTAL CONTROL - THE PROJECT COORDINATE SYSTEM IS THE MODIFIED IOWA STATE PLANE SOUTH (U.S. SURVEY FEET). COORDINATES WERE DETERMINED BE AVERAGING AT LEAST THREE (3) IARTN OBSERVATIONS WITH APPROPRIATE TIME SPANS BETWEEN.
4. ADDITIONAL CONTROL POINTS WERE THEN ESTABLISHED THROUGHOUT THE PROJECT LOCATION USING GNSS (GLOBAL NAVIGATION SATELLITE SYSTEM) ROVER SETUP RELATIVE TO SAID BENCHMARK(S).

ABBREVIATIONS:

ALL MAY BE WITH OR WITHOUT PERIODS.  
℄ = CENTERLINE  
ℇ = FLOWLINE  
ℇ = PROPERTY LINE  
B/WALL = BOTTOM OF WALL (AT GROUND/FACE)  
BOC = BACK OF CURB  
CIP = CAST-IN-PLACE (CONCRETE)  
CISP OR CIP = CAST-IRON (SOIL) PIPE  
DHWL = DESIGN HIGH WATER LEVEL  
DIP = DUCTILE IRON PIPE  
DWY = DRIVEWAY  
ESMT OR EASE = EASEMENT  
ELEV OR EL = ELEVATION  
ENT = ENTRANCE  
EOP = EDGE OF PAVEMENT  
ESMT OR EASE = EASEMENT  
EXIST OR EX = EXISTING  
FES = FLARED END SECTION  
F/G = FINISHED GRADE  
FOC = FACE OF CURB  
G = GUTTER  
GND = GROUND  
HORIZ OR HOR = HORIZONTAL  
HWL = HIGH WATER LEVEL  
INV = INVERT/FLOWLINE  
P = PAVEMENT  
PE OR PEP = POLYETHYLENE (PIPE)  
PROP OR PR = PROPOSED  
PVC = POLYVINYL CHLORIDE (PIPE)  
PKWY = PARKWAY  
RCB = REINFORCED CONCRETE BOX  
RCP = REINFORCED CONCRETE PIPE  
ROW OR R/W = RIGHT-OF-WAY  
S/W = SIDEWALK  
SAN = SANITARY SEWER OR SERVICE  
SMF = STORMWATER MANAGEMENT FACILITY  
SWFE = STORMWATER FLOWAGE EASEMENT  
SWPPP = STORMWATER POLLUTION PREVENTION PLAN  
STM = STORM SEWER OR SERVICE  
T/C = TOP OF CURB  
T/W = TOP OF WALK  
T/WALL = TOP OF WALL  
TYP = TYPICAL  
VCP = VITRIFIED CLAY PIPE  
VERT OR VER = VERTICAL  
WTR = WATERMAIN OR WATER SERVICE

|          |                                                                      |                                 |                                                                           |  |  |  |                                                                        |  |  |  |
|----------|----------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------|--|--|--|------------------------------------------------------------------------|--|--|--|
| SHEET: 2 | SHRI SHIRDI SAI BABA TEMPLE OF DM-1100 SE 25TH STREET<br>GRIMES TOWA | GENERAL NOTES AND INFORMATION 1 | ABACI CONSULTING, INC.                                                    |  |  |  | NO: REVISION DESCRIPTION: DATE: PROJECT NO: 19015                      |  |  |  |
|          |                                                                      |                                 | CIVIL ENGINEERING - LAND SURVEYING                                        |  |  |  | 1 PER CITY REVIEW # 1 05/17/2019 DRAWING FILE NO: 19015CD              |  |  |  |
|          |                                                                      |                                 | 101 NE CIRCLE DRIVE<br>GRIMES, IOWA 50111<br>OFFICE (515) 986-5048        |  |  |  | 2 REVISED BUILDING FOOTPRINT 08/13/2019 DESIGNED/REVIEWED BY: MCMURPHY |  |  |  |
|          |                                                                      |                                 | 110 WEST GREENS STREET<br>WINTERSSET, IOWA 50273<br>OFFICE (515) 462-3995 |  |  |  | 3 DRAWN BY: MCMURPHY                                                   |  |  |  |
|          |                                                                      |                                 |                                                                           |  |  |  | 4 DATE: 04-01-2019                                                     |  |  |  |

ABACI CONSULTING, INC.  
CIVIL ENGINEERING - LAND SURVEYING  
110 WEST GREEN STREET  
GRIMES IOWA 50501  
OFFICE (515) 986-5048

SHRI SHIRDI SAI BABA TEMPLE OF DM-1100 SE 25TH STREET  
GRIMES IOWA

GENERAL NOTES AND INFORMATION 1



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| SWPPP/EROSION CONTROL GENERAL NOTES:                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  | AROUND NOTED STRUCTURES AND ON STEEP SLOPES. ADDITIONAL LINES OF SILT FENCE/WATTLE WILL BE REQUIRED AS PROGRESS, OR AS DIRECTED.                                                                                                                                                                                                                                                             |  |  |  | ALL DOCUMENTS ASSOCIATED WITH THE PERMIT AND SWPPP FOR THREE (3) YEARS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | 21. EXISTING ONSITE FILL SHALL BE FREE OF CONCRETE, GRAVEL, BRICK, CINDERS, GLASS, ORGANICS, AND OTHER LOW DENSITY/DEGRADABLE OR FROZEN MATERIAL.                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |
| 1. SEE THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE INITIAL EROSION CONTROL MEASURES ON THE "INITIAL EROSION CONTROL (SWPPP) PLAN" SHEETS.                                                                                                                                                                                                                                                                                             |  |  |  | 18. REMOVE SILT ACCUMULATED ALONG SILT FENCE/WATTLE WHEN REACHES MAXIMUM OF 50 PERCENT OF EXPOSED HEIGHT, OR AS DIRECTED.                                                                                                                                                                                                                                                                    |  |  |  | 34. THE SWPPP MANAGER SHALL PROVIDE ALL DOCUMENTS INCLUDING THE ORIGINALS AND INSPECTION RECORDS TO THE OWNER/DEVELOPER UPON ISSUANCE OF THE NOTICE OF DISCONTINUATION.                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | 22. ANY TOP OF WALL (T/WALL) AND BOTTOM OF WALL (B/WALL) LABELS ONLY REFERENCE EXPOSED FACE. RETAINING WALL SHALL BE DESIGNED BY A IOWA LICENSED PROFESSIONAL STRUCTURAL ENGINEER WHEN WALL HEIGHTS EXCEED 48 INCHES.                                                                                                                                                                                                                                                                                                                                |  |  |  |
| 2. SEE THE 'GRADING NOTES' ON THIS SHEET FOR ADDITIONAL INFORMATION.                                                                                                                                                                                                                                                                                                                                                                               |  |  |  | 19. CONTRACTOR(S) SHALL CONSTRUCT AND STABILIZE PROPOSED NOTED SEDIMENTATION BASIN, BASIN OUTLET STRUCTURE, AND OUTLET PRIOR TO CONSTRUCTING THE REST OF THE SUBDIVISION INFRASTRUCTURE IMPROVEMENTS. PROPOSED SEDIMENTATION BASIN(S) SHALL BE LOCATED WITHIN THE EXISTING/PROPOSED STORMWATER MANAGEMENT FACILITIES (SMF). SEE ADDITIONAL NOTES AND DETAILS FOR ADDITIONAL INFORMATION.     |  |  |  | 35. "FINAL STABILIZATION" SHALL MEAN: THE POINT IN CONSTRUCTION AT WHICH ALL SOIL DISTURBING ACTIVITIES IN AN AREA AND/OR OVER THE PROJECT SITE HAVE BEEN COMPLETED, AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF AT LEAST 70 PERCENT SUFFICIENT TO PRECLUDE EROSION FOR THE ENTIRE DISTURBED AREA OF THE PERMITTED PROJECT OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN ESTABLISHED OR EQUIVALENT PERMANENT STABILIZATION MEASURES (SUCH AS THE USE OF RIPRAP, GABIONS, OR GEOTEXTILES) HAVE BEEN EMPLOYED. |  |  |  | 23. ANY RETAINING WALL DETAILS AND/OR ELEVATIONS HAVE BEEN INCLUDED OR SHOWN FOR REFERENCE INFORMATION ONLY. CONSULT WITH THE MANUFACTURER; AND/OR WITH A STRUCTURAL ENGINEER FOR FINAL DESIGN WHEN WALL HEIGHTS EXCEED 48 INCHES. THE CONTRACTOR(S) SHALL PROVIDE A COPY OF THE PLANS AND/OR CALCULATIONS FROM THE MANUFACTURER AND/OR THE STRUCTURAL ENGINEER TO THE CITY AND TO ABACI CONSULTING, INC.                                                                                                                                            |  |  |  |
| 3. SEE THE "INITIAL EROSION CONTROL (SWPPP) PLAN" SHEET(S) FOR ADDITIONAL GROUND COVER INFORMATION; SEDIMENTATION BASIN LOCATIONS; AND ANY RELATED QUANTITIES.                                                                                                                                                                                                                                                                                     |  |  |  | 20. INSTALL TEMPORARY SEDIMENT BASIN OUTLET STRUCTURE SURROUNDED BY SILT FENCE PRIOR TO THE CONSTRUCTION OF SUBDIVISION INFRASTRUCTURE (DEMOLITION, PIPING, MASS GRADING, AND PAVEMENT).                                                                                                                                                                                                     |  |  |  | GRADING GENERAL NOTES:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  | 24. ALL SPOT ELEVATIONS ARE TO THE TOP OF THE FINISHED SURFACE, UNLESS OTHERWISE SPECIFIED.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |
| 4. SEE ALL RELATED NOTES FOR THESE CONSTRUCTION DRAWINGS FOR THIS PHASE/DEVELOPMENT PLAN FOR ADDITIONAL INFORMATION.                                                                                                                                                                                                                                                                                                                               |  |  |  | 21. PROVIDE POSITIVE DRAINAGE AROUND ALL STOCKPILES AND OTHER IMPROVEMENTS DURING AND AT THE COMPLETION OF OF ALL PHASES OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, INFRASTRUCTURE AND BUILDING. DRAIN ANY ONSITE AREAS WITH PONDING WATER TO THE SEDIMENTATION BASIN.                                                                                                                   |  |  |  | 1. SEE THE 'SWPPP/EROSION CONTROL' NOTES' ON THIS SHEET FOR ADDITIONAL INFORMATION.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 24.1. SPOT ELEVATIONS SHOWN IN THE PAVED AREAS ARE AT THE BOTTOM OF THE CURB. ADD SIX (6") INCHES TO COMPUTE THE TOP OF CURB ELEVATIONS.                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
| 5. REFER TO THE STORMWATER POLLUTION PREVENTION PLAN NARRATIVE FOR ALL EROSION CONTROL MEASURES AND ADDITIONAL NOTES AND DETAILS. ADDITIONAL NOTES AND MEASURES IN THE NARRATIVE SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND SHALL BE INCLUDED IN THE ORIGINAL BID.                                                                                                                                                                         |  |  |  | 22. PLACE SILT FENCE, FILTER SOCK, AND/OR OTHER APPROVED SEDIMENTATION CONTROL/SILT CONTAINMENT DEVICE AROUND EXISTING STORM INTAKES AND/OR STRUCTURES, AND/OR PROPOSED STORM INTAKES AND/OR STRUCTURES AFTER CONSTRUCTED AND BEFORE PAVING, AS NOTED.                                                                                                                                       |  |  |  | 2. SEE THE "GRADING PLAN" SHEETS FOR ADDITIONAL GRADING INFORMATION.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 24.2. SPOT ELEVATIONS ARE TO TOP OF PAVEMENT OR TOP OF GROUND (INCLUDING SOD) UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| 6. THE STORMWATER POLLUTION PREVENTION PLAN AND RELATED NARRATIVE ARE CONSIDERED LIVING DOCUMENTS, AND SHALL REQUIRE PERIODIC UPDATES, MODIFICATIONS, AND/OR ADJUSTMENTS DEPENDING ON SITE CONDITIONS AND CONSTRUCTION PROGRESS TO ASSURE COMPLIANCE WITH THE NPDES GENERAL PERMIT NO. 2. IT SHALL BE THE RESPONSIBILITY OF ALL CONTRACTORS TO UPDATE THE SWPPP AND IMPLEMENT ANY AND ALL MEASURES TO COMPLY WITH SAID PERMIT.                     |  |  |  | 23. PROVIDE/VERIFY BELOW GRADE INLET PROTECTION FOR ALL STORM STRUCTURES WITHIN PUBLIC STREETS OR RIGHT-OF-WAY (ROW) ONCE PAVING IS COMPLETED.                                                                                                                                                                                                                                               |  |  |  | 3. SEE ALL OTHER NOTE AND PLAN AND/OR PLAN AND PROFILE SHEETS FOR ADDITIONAL UTILITY INFORMATION.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  | 24.3. SPOT ELEVATIONS GOVERN OVER CONTOURS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |
| 7. THIS PROJECT IS COVERED BY THE IOWA DEPARTMENT OF NATURAL RESOURCES NPDES GENERAL PERMIT NO. 2, WITH ALL TERMS AND CONDITIONS, AND INITIALLY DESIGNED AND PROVIDED BY ABACI CONSULTING, INC.                                                                                                                                                                                                                                                    |  |  |  | 24. ALL AREAS OF THE EXISTING/PROPOSED DITCH BOTTOM AROUND END SECTIONS, AND EXISTING/PROPOSED END SECTIONS DISCHARGING INTO A DITCH, SWALE, AND/OR SMF SHALL BE COVERED WITH RIPRAP, OR OTHER APPROVED AND NOTED PROTECTION/ENERGY DISSIPATION.                                                                                                                                             |  |  |  | 4. COUNTY STANDARD SPECIFICATIONS SHALL GOVERN IF DISCREPANCIES OCCUR WITH THESE GRADING NOTES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  | 25. CURB BACKFILL SHALL BE COMPACTED AND SLOPED TO PROVIDE ADEQUATE AND POSITIVE DRAINAGE TO AT LEAST PREVENT STORMWATER RUNOFF FROM PONDING AND INFILTRATING BENEATH THE PAVEMENT.                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
| 8. THE CONTRACTOR SHALL COMPLY WITH ALL EROSION CONTROL REQUIREMENTS OF THE IOWA CODE, THE IOWA DEPARTMENT OF NATURAL RESOURCES NPDES PERMIT, THE ENVIRONMENTAL PROTECTION AGENCY, AND LOCAL ORDINANCES.                                                                                                                                                                                                                                           |  |  |  | 24.1. ALL RIPRAP SHALL BE PLACED OVER ENGINEERING FABRIC AS NOTED AND HATCHED IN THE CONSTRUCTION PLANS.                                                                                                                                                                                                                                                                                     |  |  |  | 5. THE CONTRACTOR(S) SHALL CARRY OUT ALL OF THE TERMS AND CONDITIONS OF NPDES GENERAL PERMIT NO. 2; AND THE SWPPP WHICH IS PART OF THESE CONTRACT DOCUMENTS.                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  | 26. PROVIDE AND/OR MAINTAIN POSITIVE DRAINAGE FOR ALL LOCATIONS. DRAIN ANY ONSITE AREAS WITH PONDING WATER TO THE SEDIMENTATION BASIN. OVERLAND STORM FLOWAGE SHALL BE ROUTED ALONG THE LOT LINES TO THE ROADWAY PAVEMENT, TO THE SMF(S), AND/OR TO THE OVERLAND FLOWAGE EASEMENT(S).                                                                                                                                                                                                                                                                |  |  |  |
| 9. ALL CONTRACTOR(S) SHALL UTILIZE THE APPROVED CIVIL SITE PLANS, PROJECT SWPPP SHEET(S), AND NPDES NOI PERMIT CONDITIONS FOR ADDITIONAL DETAILS, NOTES, AND/OR DIRECTIONS.                                                                                                                                                                                                                                                                        |  |  |  | 24.2. SEE 'DETAILS' SHEETS FOR ADDITIONAL SCOURSTOP INFORMATION. ALTHOUGH SCOURSTOP IS LABELED AND SHOWN, ALTERNATE EQUIVALENT PRODUCTS (I.E., SHOREMAX, ETC.) MAY BE USED WHEN APPROVED BY THE COUNTY AND INSTALLED BY A CERTIFIED INSTALLER ON THIS PROJECT. ALL PRODUCTS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.                             |  |  |  | 6. COUNTY STANDARD SPECIFICATIONS SHALL APPLY TO GRADING, EROSION CONTROL, AND ALL ASSOCIATED WORK FOR THE PROJECT. THE CONTRACTOR(S) SHALL ESPECIALLY OBSERVE THE REQUIREMENTS OF THE SPECIFICATIONS (ALONG WITH THE EROSION CONTROL PLAN PREPARED FOR THE PROJECT) IN CONDUCTING GRADING AND SURFACE RESTORATION WORK.                                                                                                                                                                                                                                            |  |  |  | 27. ADJUST TRAIL, SIDEWALK, AND SHARED USE PATH ELEVATIONS TO PROVIDE LABELED STORMWATER BASIN EMERGENCY OVERFLOW ROUTE AND WEIR ELEVATIONS.                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| 10. THE SWPPP AND ALL DOCUMENTS ASSOCIATED WITH IT AND THE IDNR PERMIT SHALL BE KEPT ONSITE AT ALL TIMES AND BE AVAILABLE TO PRESENT TO THE IOWA DEPARTMENT OF NATURAL RESOURCES (IDNR) UPON REQUEST.                                                                                                                                                                                                                                              |  |  |  | 25. AT COMPLETION OF SITE GRADING AND ROADWAY PAVING, CLEAN UP SITE AND INSTALL (PERMANENT AND/OR TEMPORARY) STABILIZATION UNTIL PHASE RESIDENTIAL DEVELOPMENT BEGINS.                                                                                                                                                                                                                       |  |  |  | 7. DURING STRIPPING AND GRADING PROCEDURES MINIMIZE THE AREA DISTURBED TO AS NEEDED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 29. PERMANENT SMF'S SHALL BE USED AS TEMPORARY SILTATION BASINS. SEE SWPPP AND DETAIL SHEETS FOR MORE INFORMATION.                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
| 11. ALL MUD, SOIL, AND/OR DEBRIS SPILLED ON THE STREETS OR ADJACENT PROPERTY SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR(S) - AT LEAST AT THE END OF EACH WORK DAY; PRIOR TO ANY RAIN EVENT; AND AS DIRECTED. OR, THE OWNER/DEVELOPER SHALL REMOVE THE ITEMS AND DEDUCT THE COST FROM THE AMOUNT DUE TO THE CONTRACTOR(S).                                                                                                                         |  |  |  | 26. ALL SEEDED/SODDED SURFACES SHALL BE COVERED WITH AT LEAST SIX (6") INCHES TOPSOIL IN PLACE BEFORE PERMANENT (FINAL) SEEDING/SODDING OPERATIONS COMMENCE AND AT FINAL STABILIZATION.                                                                                                                                                                                                      |  |  |  | 8. REMOVE AN ADEQUATE AMOUNT OF TOPSOIL FROM THE UPPER 12 INCHES OF THE EXISTING ONSITE ORGANIC MATERIAL TO ALLOW FOR A FINISHED GRADE OF A MINIMUM TOPSOIL DEPTH OF SIX (6") INCHES THROUGHOUT. STRIP AND STOCKPILE ALL TOPSOIL FOR REUSE ON SITE. ALL AREAS NOT COVERED BY POND, PAVEMENT, AND/OR BUILDINGS SHALL BE GRASS. SEEDED/SODDED AREAS SHALL BE PREPARED AS SPECIFIED IN SUDAS, AND NO LESS THAN SIX (6") INCHES OF TOPSOIL SHALL BE IN PLACE BEFORE PERMANENT (FINAL STABILIZATION) SEEDING/SODDING OPERATIONS COMMENCE.                                |  |  |  | 30. INSTALL AND MAINTAIN TREE/BUSH PROTECTION (FENCING) ALONG THE EASTERLY PROPERTY LINE TO PREVENT CROSSING INTO ADJACENT PROPERTIES - AS SHOWN ON THE SWPPP SHEETS. ANY TEMPORARY EASEMENTS WILL NEED TO BE OBTAINED BY THE CONTRACTOR AND/OR OWNER/DEVELOPER IF ANY OFF-SITE WORK IS REQUIRED.                                                                                                                                                                                                                                                    |  |  |  |
| 12. THE CONTRACTOR(S) SHALL INSTALL EROSION AND SEDIMENTATION CONTROL INFRASTRUCTURE PRIOR TO INITIATING WORK ON THE SITE.                                                                                                                                                                                                                                                                                                                         |  |  |  | 27. ALL AREAS NOT COVERED BY PAVEMENT AND/OR BUILDINGS SHALL BE GRASS. SEEDED/SODDED AREAS SHALL BE PREPARED AS SPECIFIED IN SUDAS.                                                                                                                                                                                                                                                          |  |  |  | 9.1. IF LESS THAN SIX (6") INCHES OF TOPSOIL IS LOCATED ON SITE, THE CONTRACTOR SHALL RETAIN AND RESPREAD ALL AVAILABLE MATERIAL AT SIX (6") INCHES OF TOPSOIL WITHIN PUBLIC ROW; AND THEN AT AN EQUAL DEPTH AS EACH LOT IS DEVELOPED.                                                                                                                                                                                                                                                                                                                              |  |  |  | 31. "TOPSOIL" SHALL MEAN: FERTILE, FRIABLE LOAM, AND CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH; FROM A WELL-DRAINED SITE FREE FROM FLOODING, NOT IN FROZEN OR MUDDY CONDITIONS; REASONABLE FREE FROM SUBSOIL, CLAY LUMPS, ROOTS, GRASS, WEEDS, STONES, AND OTHER FOREIGN MATTER GREATER THAN THREE-QUARTERS (3/4") INCH DIAMETER; ACIDITY RANGE (pH) OF 5.5 TO 7.5; AND CONTAINING A MINIMUM OF FOUR (4) PERCENT AND A MAXIMUM OF 20 PERCENT OF ORGANIC MATTER. THE CONTRACTOR(S) SHALL MODIFY AND ADJUST AS NECESSARY, WHICH SHALL BE INCIDENTAL. |  |  |  |
| 13. EROSION/SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THIS EXHIBIT AND ARE FOR INITIAL (START-UP) PURPOSES ONLY. THE CONTRACTOR(S) SHALL MODIFY, CHANGE, AND/OR ADD EROSION/SEDIMENTATION CONTROL MEASURES DURING THE COURSE OF CONSTRUCTION TO ACCOMMODATE FIELD CONDITIONS AND METHODS OF CONSTRUCTION.                                                                                                                      |  |  |  | 27.1. ONLY AREAS DESIGNATED ON PLANS AS PRAIRIE GRASS SHALL BE SUDAS NATIVE GRASS AND FORBS/WILDFLOWER MIX (AKA PRAIRIE MIX); AND SHALL BE INSTALLED BY THE DEVELOPER'S CONTRACTOR.                                                                                                                                                                                                          |  |  |  | 9.2. WRITTEN VERIFICATION SHALL BE SUPPLIED AT LEAST TO THE COUNTY, THE OWNER/DEVELOPER, AND THE ENGINEER BY THE GRADING CONTRACTOR(S) DOCUMENTING THE LOCATIONS AND MINIMUM DEPTHS OF TOPSOIL RESPREAD PER THE NPDES GENERAL PERMIT.                                                                                                                                                                                                                                                                                                                               |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| 13.1. PRESERVE ANY EXISTING VEGETATION UNTIL CONSTRUCTION IS NECESSARY IN THAT AREA.                                                                                                                                                                                                                                                                                                                                                               |  |  |  | 27.2. ONLY AREAS DESIGNATED ON PLANS AS URBAN LAWN MIX SHALL BE SUDAS URBAN LAWN MIX AND/OR SOD; AND SHALL BE INSTALLED BY THE DEVELOPER'S CONTRACTOR WITH THE SPECIFIED TYPE.                                                                                                                                                                                                               |  |  |  | 10. STOCKPILE SEPARATELY ALL STRIPPED TOPSOIL AND ALL EXCESS CUT IN THE AREA(S) SHOWN ON THIS PLAN, OR IN A SUITABLE LOCATION(S).                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| 13.2. MODIFY AND UPDATE THIS EXHIBIT AS REQUIRED DURING THE COURSE OF CONSTRUCTION TO REFLECT FIELD MODIFICATIONS, INCLUDING 'REVISION' BOX; AND TO MEET LOCAL, STATE, AND FEDERAL REQUIREMENTS.                                                                                                                                                                                                                                                   |  |  |  | 27.3. ALL OTHER AREAS SHALL BE DESIGNATED AS AREAS TO RECEIVE LAWN SEED MIX AND/OR SODDED. THESE AREAS SHALL FIRST BE SEEDED AND MULCHED BY THE DEVELOPER'S CONTRACTOR WITH SUDAS TYPE 4 EROSION CONTROL MIX. THE PERMANENT COVER SHALL BE BY THE HOME BUILDER'S CONTRACTOR WITH A URBAN LAWN MIX AND/OR SODDED.                                                                             |  |  |  | 11. PROOF ROLL THE EXPOSED SUBGRADE AND REPLACE WITH COMPACTED FILL TO MINIMUM DEPTH OF TWO (2) FEET TO BOTTOM OF PAVEMENT, CONCRETE DRIVES, CURBS, WALKS, AND BUILDING FLOOR ELEVATIONS.                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| 14. IT IS THE RESPONSIBILITY OF ALL CONTRACTORS TO TAKE ALL THE NECESSARY MEASURES TO ELIMINATE EROSION FROM AND TO THE PROJECT SITE, ADJACENT PROPERTIES, AND/OR ANY BORROW OR FILL AREAS INCLUDING, BUT NOT LIMIT TO, THE CONTROLS SHOWN ON THIS PLAN. THIS INCLUDES SOIL EXCAVATIONS FOR FOUNDATIONS ON EACH RESPECTIVE BUILDING AND/OR RESIDENTIAL LOT. ALL CONTRACTOR(S) SHALL MAINTAIN PROPER EROSION CONTROL THROUGHOUT THE ENTIRE PROJECT. |  |  |  | 28. TREE/BUSH PROTECTION (FENCING) SHALL CONSIST OF MINIMUM 48 INCHES HIGH ORANGE CONSTRUCTION INSTALLED AND SECURED ON METAL T-POSTS AND BEING NO CLOSER THAN THE DRIP LINE, OR AS DIRECTED.                                                                                                                                                                                                |  |  |  | 12. ANY SOFT SPOTS DISCOVERED DURING PROOF ROLLING SHALL BE UNDERCUT AND RECOMPACTED TO MINIMUM DEPTH OF TWO (2) FEET.                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| 15. ALL CONTRACTORS SHALL UTILIZE PROJECT SWPPP AND NPDES NOI PERMIT CONDITIONS FOR ADDITIONAL DETAILS AND DIRECTIONS. EROSION/SEDIMENTATION CONTROL MEASURES MAY BE REMOVED AS ALLOWED BY PERMIT CONDITIONS AND AT THE TERMINATION OF THE NPDES STORMWATER PERMIT AT THE COMPLETION OF THE PROJECT.                                                                                                                                               |  |  |  | 29. 'TEMPORARY' BMPs SHALL BE REMOVED AT THE END OF SITE DEVELOPMENT AND AT FINAL STABILIZATION. ADDITIONAL BMPs SHALL BE INSTALLED BY THE INDIVIDUAL LOT CONTRACTOR(S).                                                                                                                                                                                                                     |  |  |  | 13. NATIVE OR EXISTING ONSITE SOILS MAY BE REUSED FOR COMMON FILL AFTER THEY ARE SORTED TO REMOVE ALL DELETERIOUS MATERIALS SUCH AS CONCRETE, BRICKS, ORGANICS, AND OTHER RUBBLE. DELETERIOUS MATERIALS SHALL BE REMOVED FROM THE PROJECT SITE. ALL EXCESS MATERIALS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR(S). SEE 'DEMOLITION NOTES' FOR DETAILS ON REMOVAL AND LEGAL DISPOSAL OF MATERIALS.                                                                                                                                                            |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| 16. ALL CONTRACTORS SHALL BE REQUIRED TO MAINTAIN ALL EROSION CONTROL MEASURES (TEMPORARY AND PERMANENT) AND KEEP THEM IN WORKING ORDER.                                                                                                                                                                                                                                                                                                           |  |  |  | 30. AT THE COMPLETION OF THE SITE IMPROVEMENTS, CLEAN BASIN(S), INSTALL PERMANENT STABILIZATION, AND INSTALL NOTED GRANULAR BACKFILL TRENCH IN BOTTOM OF SMF BASIN. SURROUND GRANULAR TRENCH AND OUTLET STRUCTURE WITH SILT FENCE DURING RESIDENTIAL HOME CONSTRUCTION. SMF CONTROL MEASURES IN BASIN SHALL REMAIN IN PLACE UNTIL FULL BUILDOUT OF RESIDENTIAL LOT BUILDINGS IN SUBDIVISION. |  |  |  | 14. ANY COHESIONLESS SOILS ENCOUNTERED SHALL BE COMPACTED TO 98 PERCENT OF STANDARD PROCTOR BENEATH PAVEMENTS AND CRITICAL BACKFILL AREAS.                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| 17. SUDAS SPECIFICATIONS SHALL APPLY TO GRADING, EROSION CONTROL, AND ALL ASSOCIATED WORK FOR THE PROJECT. THE CONTRACTOR(S) SHALL ESPECIALLY OBSERVE THE REQUIREMENTS OF THE SPECIFICATIONS (ALONG WITH THE EROSION CONTROL PLAN PREPARED FOR THE PROJECT) IN CONDUCTING GRADING AND SURFACE RESTORATION WORK.                                                                                                                                    |  |  |  | 31. AT THE COMPLETION OF THE SITE IMPROVEMENTS AND AT FINAL STABILIZATION, THE SWPPP MANAGER SHALL PROVIDE AS-BUILT PLANS AND A CERTIFICATION STATEMENT INDICATING THAT ALL BMP's AND SMF's WERE CONSTRUCTED TO AT LEAST THE DESIGNED.                                                                                                                                                       |  |  |  | 15. ALL PAVEMENTS SHALL HAVE A MINIMUM OF 12 INCHES OF MOISTURE-CONTROLLED, SELECT, AND COMPACTED MATERIAL OF CL OR ML ON THE UNIFIED SOIL CLASSIFICATION SYSTEM DIRECTLY BELOW THE BOTTOM OF SLAB, AND IN AT LEAST TWO (2) SIX (6") INCH LIFTS COMPACTED TO AT LEAST 95 PERCENT OF STANDARD PROCTOR (ASTM D-698) MAXIMUM DRY DENSITY; OR OTHER ACCEPTED MATERIAL BY THE ENGINEER. PROOF ROLL PRIOR TO PLACEMENT.                                                                                                                                                   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| 17.1. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS THE RESPONSIBILITY OF THE OWNER/DEVELOPER AND THE SWPPP MANAGER WHOM SHALL MAKE ALL CONTRACTORS AND CONSTRUCTION WORKERS AWARE OF THE MAJOR PROVISIONS OF SAID PLAN.                                                                                                                                                                                                                     |  |  |  | 32. AT THE COMPLETION OF THE SITE IMPROVEMENTS AND AT FINAL STABILIZATION, THE SWPPP MANAGER SHALL PROVIDE AS-BUILT PLANS AND A CERTIFICATION STATEMENT INDICATING THAT THE DETENTION BASIN(S), OR ANY OTHER STORMWATER MANAGEMENT FACILITY, AT LEAST MEETS THE REQUIRED DESIGN VOLUME(S).                                                                                                   |  |  |  | 16. FILL SHALL BE PLACED IN UNIFORM LIFTS HAVING A MAXIMUM LOOSE THICKNESS OF NINE (9") INCHES. COMPACTION BELOW SLABS AND PAVING AND WALKS SHALL BE AT LEAST 95 PERCENT OF STANDARD PROCTOR (ASTM D-698) MAXIMUM DRY DENSITY. COMPACT TO AT LEAST 90 PERCENT AT ALL OTHER LOCATIONS. MAINTAIN MOISTURE CONTENT RANGE OF CONTROLLED FILL DURING ALL PLACEMENT AND COMPACTION.                                                                                                                                                                                       |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| 17.2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED REGULARLY, ESPECIALLY AFTER EACH SIGNIFICANT STORM OR TYPICALLY AT LEAST EVERY SEVEN (7) DAYS, TO LOCATE DAMAGE AND CONDUCT MAINTENANCE OPERATIONS. RECORD THE FINDINGS OF THE INSPECTION AND TAKE ANY ACTIONS NECESSARY TO ENSURE THAT THE EROSION CONTROL MEASURES ARE WORKING PROPERLY.                                                                                        |  |  |  | 32.1. THE SWPPP MANAGER SHALL CONTACT ABACI CONSULTING, INC. TO PERFORM SAID SURVEY PRIOR TO SEEDING/SODDING.                                                                                                                                                                                                                                                                                |  |  |  | 17. MAINTAIN MOISTURE CONTENT OF PAVEMENT SUBGRADE SOILS CONSISTING OF CLAYS/SILTS BETWEEN ZERO (0) AND FOUR (4) PERCENTAGE POINTS ABOVE OPTIMUM UNTIL THE ROADWAY/BUILDING PAVEMENT IS PLACED AND/OR PLACEMENT OF TOPSOIL.                                                                                                                                                                                                                                                                                                                                         |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| 17.3. STABILIZATION MEASURES SHALL BE INITIATED ON ALL DISTURBED AREAS ON THE FIRST DAY AFTER NO CONSTRUCTION ACTIVITY HAS OCCURRED ON AREAS WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF ANOTHER 14 CALENDAR DAYS.                                                                                                                                                                                                                  |  |  |  | 32.2. IF THE DETENTION BASIN(S), OR ANY OTHER STORMWATER MANAGEMENT FACILITY, HAVE BEEN CONSTRUCTED INCORRECTLY, THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR ALL SUBSEQUENT WORK AND AS-BUILT SURVEY(S) UNTIL ALL ISSUES HAVE BEEN CORRECTED.                                                                                                                                                 |  |  |  | 18. THE ENTIRE SITE SHALL BE FINE GRADED WITH ELEVATION TOLERANCE OF ONE-TENTH (0.10) FOOT; OR FIVE-HUNDREDTHS (0.05) FEET UNDER PAVED AREAS.                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| 17.4. INSTALL SILT FENCE/WATTLE PRIOR TO BEGINNING CONSTRUCTION                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  | 33. AT THE COMPLETION OF THE SITE IMPROVEMENTS AND AT FINAL STABILIZATION, A NOTICE OF DISCONTINUATION MUST BE FILED BY THE SWPPP MANAGER AND THE OWNER. THE OWNER/DEVELOPER MUST RETAIN                                                                                                                                                                                                     |  |  |  | 19. NO PAYMENT FOR OVERHAUL SHALL BE ALLOWED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
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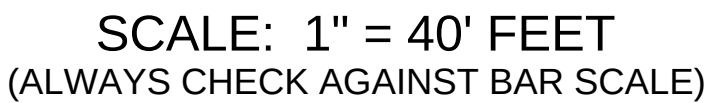


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| SITE DEMOLITION:                                                                                                                                                                                                                                                                                                                               |  | THE OWNER/DEVELOPER'S REPRESENTATIVE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | PCC PAVING NOTES:                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | UNLESS OTHERWISE NOTED; AND WHERE NOT THROUGH ENTRANCE/DRIVE.                                                                                                                                                                                                  |  |
| EXTENT OF WORK                                                                                                                                                                                                                                                                                                                                 |  | DISPOSAL OF WASTE MATERIALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 1. ALL WORK TO COMPLY WITH CURRENT ACI STANDARDS.                                                                                                                                                                                                                                                                                                                                                                                                           |  | 31.5. ANY TRAILS SHALL BE PAVED WITH SIX (6") INCHES PCC AND SHALL BE EIGHT (8) FEET WIDE, UNLESS OTHERWISE NOTED.                                                                                                                                             |  |
| THE EXTENT OF WORK INCLUDES, BUT NOT LIMITED TO: THE REMOVAL OF EXISTING PAVEMENTS, LANDSCAPING, RETAINING WALLS, LIGHTING, AND APPURTENANCES. THIS SECTION ALSO COVERS THE REMOVAL, SALVAGE, AND STORAGE OF EXISTING ITEMS ON SITE.                                                                                                           |  | 1. REMOVAL FROM PROPERTY: REMOVE ALL WASTE MATERIALS AND UNSUITABLE SOIL FROM THE OWNER/DEVELOPER'S PROPERTY AND LEGALLY DISPOSE OF IT. DISPOSAL METHODS AND LOCATIONS ARE AT THE CONTRACTOR'S OPTION, BUT IN NO CASE SHALL THE CONTRACTOR(S) ENGAGE IN ILLEGAL DUMPING, DISPOSING ON THE OWNER/DEVELOPER'S PROPERTY, OR OTHER ACTS IN CONFLICT WITH LOCAL AND STATE ORDINANCES AND LAWS. ALL COSTS ASSOCIATED WITH TRANSPORTING AND DISPOSAL OF MATERIALS SHALL BE BORN BY THE CONTRACTOR(S). ALL MATERIALS SHALL BE LEGALLY DISPOSED OF AT A CONTRACTOR'S SUPPLIED DISPOSAL SITE THAT IS APPROVED TO ACCEPT REMOVED MATERIALS. |  | 2. FULL DEPTH SAW CUT (TO SQUARE ENDS AND/OR TO REMOVE DAMAGED ENDS) AND TIE INTO EXISTING PAVEMENT, AS REQUIRED.                                                                                                                                                                                                                                                                                                                                           |  | OTHERWISE, MINIMUM DEPTHS:                                                                                                                                                                                                                                     |  |
| GENERAL                                                                                                                                                                                                                                                                                                                                        |  | 2. THE CONTRACTOR(S) SHALL VERIFY THE NEED FOR A DEMOLITION PERMIT WITH THE COUNTY AND/OR OTHER RELATED PERMITTING, AND AS NECESSARY OBTAIN THE PERMIT(S). THE CONTRACTOR(S) SHALL HAVE A PAPER COPY OF EACH ONSITE BEFORE COMMENCING DEMOLITION.                                                                                                                                                                                                                                                                                                                                                                                |  | 3. SAWCUTTING SLURRY SHALL BE CONTAINED TO AVOID DISCHARGE INTO THE STORM SEWER SYSTEM AND/OR WATERWAYS.                                                                                                                                                                                                                                                                                                                                                    |  | 32.1. ANY AND ALL SIDEWALKS AND/OR TRAILS SHALL AT LEAST MATCH THE DEPTH OF AN ENTRANCE/DRIVE WHEN SHOWN IN A ENTRANCE/DRIVE.                                                                                                                                  |  |
| 1. THE CONTRACTOR(S) SHALL FIELD VERIFY STATUS AND CONDITION OF ALL REMOVALS PRIOR TO BIDDING AND/OR BEGINNING CONSTRUCTION. DOCUMENT STATUS AND CONDITIONS PRIOR TO BEGINNING CONSTRUCTION AS NECESSARY.                                                                                                                                      |  | 3. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR ALL FEES, CHARGES, TESTING, AND TRANSPORTATION ASSOCIATED WITH THE REMOVED MATERIALS. ALL LOADS SHALL BE COVERED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 4. ALL PAVEMENT REPLACEMENT AND PATCHING SHALL COMPLY WITH COUNTY STANDARD SPECIFICATIONS; AND MATCH EXISTING PAVEMENT AND SUBGRADE/SUBBASE.                                                                                                                                                                                                                                                                                                                |  | 32.2. ENTRANCES/DRIVES AT SEVEN (7") INCHES NON-REINFORCED PCC PAVEMENT (INCLUDING SIDEWALK IN ENTRANCE/DRIVE).                                                                                                                                                |  |
| 2. THE CONTRACTOR(S) SHALL VERIFY THE NEED FOR A DEMOLITION PERMIT WITH THE COUNTY AND/OR OTHER RELATED PERMITTING, AND AS NECESSARY OBTAIN THE PERMIT(S). THE CONTRACTOR(S) SHALL HAVE A PAPER COPY OF EACH ONSITE BEFORE COMMENCING DEMOLITION.                                                                                              |  | 4. DISPOSAL OF ALL WOOD MATERIAL GENERATED AS A RESULT OF CLEARING AND GRUBBING, REMOVALS, TRIMMING, AND/OR OTHER RELATED ACTIVITIES SHALL BE ACCORDING TO IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP'S EMERALD ASH BORER (EAB) QUARANTINE ORDER; AND LEGALLY DISPOSED OF OFF-SITE. FOR MORE INFORMATION REFER TO WWW.IOWATREEPESTS.COM/EAB_REGULATIONS.HTML.                                                                                                                                                                                                                                                           |  | 5. ALL MUD, SOIL, AND/OR DEBRIS SPILLED ON THE COUNTY STREETS OR ADJACENT PROPERTY SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR. NOTIFY COUNTY OF PROPOSED HAUL ROUTES.                                                                                                                                                                                                                                                                                      |  | 32.3. PARKING AREAS AT FIVE (5") INCHES NON-REINFORCED PCC PAVEMENT.                                                                                                                                                                                           |  |
| 3. THE CONTRACTOR(S) WILL BE RESPONSIBLE FOR CLEARING AND GRUBBING THE SITE; AND THE REMOVAL AND DISPOSAL OF ANY DELETERIOUS AND EXCESS MATERIALS LEGALLY FROM THE SITE. ALL MATERIAL THAT IS REMOVED, NOTED OR OTHERWISE, SHALL BECOME THE PROPERTY OF THE CONTRACTOR(S).                                                                     |  | 5. BURNING ON PROPERTY: BURNING OF COMBUSTIBLE CLEARED AND GRUBBED MATERIALS IS NOT PERMITTED ON THE OWNER/DEVELOPER'S PROPERTY. ALL PLANT MATERIAL DENOTED FOR DEMOLITION SHALL BE REMOVED FROM SITE.                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 6. THE CONTRACTOR(S) SHALL SUBMIT DESIGN MIX AS DESIGNED BY INDEPENDENT TESTING LABORATORY PRIOR TO PLACING ANY CONCRETE.                                                                                                                                                                                                                                                                                                                                   |  | 32.4. DRIVE AISLES AT SIX (6") INCHES NON-REINFORCED PCC PAVEMENT.                                                                                                                                                                                             |  |
| 4. PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT PERSONNEL AND PUBLIC FROM INJURY DUE TO DEMOLITION WORK, AND PRECLUDE ACCESS TO THE AREAS OF CONSTRUCTION. PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION FOR TREES AND OTHER LANDSCAPING TO BE SAVED FROM REMOVAL AND DEMOLITION.            |  | EXISTING UTILITIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 7. ALL SUBGRADE UNDER SLAB TO BE COMPACTED TO AT LEAST 95 PERCENT STANDARD PROCTOR DENSITY FOR A MINIMUM OF 12 INCHES - INSTALLED IN AT LEAST TWO (2) SIX (6") INCH COMPACTED LIFTS. RECOMMENDED MOISTURE CONTENT RANGE ZERO (0%) PERCENT TO FOUR (+4%) PERCENT ABOVE OPTIMUM.                                                                                                                                                                              |  | 33. PLACE A ONE-HALF (1/2") INCH EXPANSION JOINT BETWEEN ALL SIDEWALKS AND P.C.C. PAVEMENT; AND SEAL THE JOINT.                                                                                                                                                |  |
| 5. REMOVE ALL VEGETATION, IMPROVEMENTS, OR OBSTRUCTIONS WITHIN THE LIMITS OF THE CONSTRUCTION AS NOTED ON THE PLAN. NOTE THAT ADJACENT PROPERTIES DISTURBED BY THIS ACTION SHALL BE REPAIRED UPON DAMAGE AND BARRICADED TO PREVENT FUTURE OCCURRENCES.                                                                                         |  | 1. THE LOCATION OF ALL UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM EXISTING PUBLIC RECORDS AND SURVEYS. THE EXACT LOCATION AND ELEVATION OF ALL PUBLIC UTILITIES MUST BE DETERMINED BY THE CONTRACTOR(S). IT SHALL BE THE DUTY OF THE CONTRACTOR(S) TO ASCERTAIN WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT; AND TO NOTIFY THE OWNER(S) OF THE UTILITIES. THE CONTRACTOR(S) SHALL AFFORD ACCESS TO THESE FACILITIES BY THE OWNERS OF THE UTILITIES FOR ANY NECESSARY MODIFICATION OF SERVICES.                                                                                     |  | 8. KEEP HEAVY CONSTRUCTION VEHICLE LOADS OFF OF THE PREPARED PAVEMENT SUBGRADE TO PREVENT DAMAGE AND/OR RUTTING. WHERE THIS IS NOT POSSIBLE, ADDITIONAL STABILIZATION MEASURES MAY BE REQUIRED TO SUPPORT THE PAVING OPERATIONS, e.g. COMPACTED SUBGRADES, CHEMICAL STABILIZATION, CRUSHED ROCK BASES, AND/OR GEOSYNTHETICS. THESE MAY BE REQUIRED IF PAVING DELIVERY VEHICLES CANNOT STAY OFF THE PREPARED SUBGRADE OR PUMPING THE CONCRETE IS NOT VIABLE. |  | 34. PLACE A ONE-HALF (1/2") INCH EXPANSION JOINT BETWEEN ALL SIDEWALKS AND P.C.C. PAVEMENT; AND SEAL THE JOINT.                                                                                                                                                |  |
| 6. COMPLY WITH THE ENVIRONMENTAL PROTECTION AND SAFETY REQUIREMENTS OF THE OWNER/DEVELOPER AND ALL GOVERNMENTAL AUTHORITIES HAVING JURISDICTION. KEEP DUST TO A MINIMUM. MAINTAIN STREETS AND WALKS FREE OF MUD, DIRT, AND DEBRIS.                                                                                                             |  | 2. THE CONTRACTOR(S) SHALL LOCATE EXISTING UNDERGROUND UTILITIES IN THE AREAS OF WORK BEFORE STARTING DEMOLITION OPERATIONS. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF PROTECTION DURING DEMOLITION OPERATIONS.                                                                                                                                                                                                                                                                                                                                                                                             |  | 9. MOISTEN SUBGRADE PRIOR TO PLACING CONCRETE.                                                                                                                                                                                                                                                                                                                                                                                                              |  | 35. PLACE A THREE-QUARTER (3/4") INCH EXPANSION JOINT BETWEEN ALL P.C.C. PAVEMENT/SIDEWALK AND THE BUILDING FACE/EXTERIOR; AND SEAL THE JOINT.                                                                                                                 |  |
| 7. THE CONTRACTOR SHALL SUPPLY HIS/HER OWN PORTABLE TOILETS.                                                                                                                                                                                                                                                                                   |  | 3. SHOULD UNCHARTED OR INCORRECTLY CHARTED PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING EXCAVATION, CONSULT THE OWNER/DEVELOPER'S REPRESENTATIVE IMMEDIATELY FOR DIRECTIONS AS TO PROCEDURE. COOPERATE WITH THE OWNER/DEVELOPER AND PUBLIC AND PRIVATE UTILITY COMPANIES IN KEEPING THEIR RESPECTIVE SERVICES AND FACILITIES IN OPERATION.                                                                                                                                                                                                                                                                                    |  | 10. ALL CONCRETE SHALL HAVE MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.                                                                                                                                                                                                                                                                                                                                                                               |  | 36. ANY AND ALL PAVEMENT MARKINGS AND SYMBOLS ON CITY OR PROJECT STREETS SHALL BE COLORED PAINT AS DURABLE LIQUID PAVEMENT MARKING (LPM) PER IOWA DOT; AND INSTALLED IN GROOVES CUT INTO THE PAVEMENT SURFACE, UNLESS OTHERWISE NOTED.                         |  |
| 8. ALL VOIDS CREATED BY REMOVAL(S) SHALL BE FILLED WITH SUITABLE MATERIAL AND SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF STANDARD PROCTOR, OR DEPENDENT ON LOCATION. THEN, GRADE TO MATCH SURROUNDING GRADE AND TO PROVIDE POSITIVE DRAINAGE.                                                                                                |  | 4. THE CONTRACTOR(S) SHALL COORDINATE THE WORK WITH ALL UTILITY OWNERS INCLUDING, BUT NOT LIMITED TO: ELECTRICITY, GAS, INTERNET, SEWER, TELEPHONE, TELEVISION, AND WATER. THE CONTRACTOR(S) SHALL REMOVE ANY ABANDONED MAINS, POLES, PEDESTALS, SERVICES, AND/OR OTHER STRUCTURES PER THE RESPECTIVE UTILITY OWNER'S REQUIREMENTS.                                                                                                                                                                                                                                                                                              |  | 11. AGGREGATE SHALL BE CLASS 4.                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 37. THE CONTRACTOR SHALL PAINT PARKING STALLS AND PROVIDE AND INSTALL H.C. PARKING SIGNS, RAMPS, AND DETECTIBLE WARNING SURFACES, AS NOTED OR SHOWN.                                                                                                           |  |
| REMOVAL OF ABOVE-GRADE IMPROVEMENTS                                                                                                                                                                                                                                                                                                            |  | 5. ANY AND ALL EXISTING UTILITY SERVICES SHOWN AND/OR ENCOUNTERED SHALL BE CAPPED AT THE MAIN; AND AS NECESSARY, REMOVE AND REPLACE ANY PAVEMENT AND/OR SIDEWALK/TRAIL.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 12. CONCRETE SURFACES SHALL BE BURLAP FINISH. CHECK SURFACE WITH TEMPLATE. NO DEVIATION OVER 1/8" IN TEN (10') FEET IS PERMITTED. ALL CONCRETE SHALL SLOPE TO DRAIN.                                                                                                                                                                                                                                                                                        |  | 38. THE "FUTURE" PAVEMENT DEPICTED IS CONCEPTUAL ONLY. ANY ADDITIONAL BUILDING, PARKING LOT AND OR DETENTION BASIN REVISIONS WILL REQUIRE AN UPDATED SITE PLAN SUBMITTED TO THE CITY.                                                                          |  |
| 1. REMOVE ALL IMPROVEMENTS SHOWN ON THE DRAWINGS. ALL EXISTING BUILDINGS, FENCES, AND RELATED FEATURES WITHIN THE LIMITS OF THE BOUNDARY FOR THE DEVELOPMENT SHALL BE REMOVED AS PART OF THE SITE IMPROVEMENTS.                                                                                                                                |  | 6. ANY AND ALL EXISTING (WATER) WELLS ENCOUNTERED SHALL BE REMOVED AND PLUGGED TO A DEPTH AT LEAST 20 FEET BELOW LOWEST LOT ELEVATION AND SHALL COMPLY WITH COUNTY ENVIRONMENTAL HEALTH DEPARTMENT REGULATIONS.                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 13. ALL CONCRETE SHALL BE CURED WITH AN ASTM C309 TYPE 2, WATER BASED WHITE PIGMENTED CURING COMPOUND PER IDOT SEC. 4105.                                                                                                                                                                                                                                                                                                                                   |  | HANDICAPPED STALLS, RAMPS, AND SIDEWALK NOTES:                                                                                                                                                                                                                 |  |
| 2. REMOVE ALL PAVEMENT AND BASE COURSE MATERIALS TO PROVIDE CLEAN AREA(S) FOR PROPOSED CONSTRUCTION. TRANSPORT MATERIALS LEGALLY FROM SITE AS THEY ARE REMOVED.                                                                                                                                                                                |  | TEMPORARY PROTECTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | 14. THE CONTRACTOR SHALL BARRICADE SLAB(S) FOR AT LEAST 14 DAYS AFTER PLACING CONCRETE.                                                                                                                                                                                                                                                                                                                                                                     |  | 1. ALL INTERSECTION SIDEWALK AND/OR TRAIL RAMPS AND RELATED TURNING SPACE/CONNECTIONS SHALL BE MINIMALLY INSTALLED AS PART OF THE PLAT/ROADWAY IMPROVEMENTS; AND AT THE LOCATIONS AND/OR TO LIMITS AS NOTED.                                                   |  |
| 3. FULL-DEPTH SAWCUT EXISTING PAVEMENTS TO NEAREST JOINT LINE(S) PRIOR TO REMOVAL OF PAVEMENT, DRIVEWAYS, AND SIDEWALKS TO PROVIDE CLEAN, STRAIGHT EDGES FOR PROPOSED CONSTRUCTION. DO NOT TRY TO JACK HAMMER OR ATTEMPT TO BREAK OFF EXISTING PAVEMENT, DRIVEWAYS, AND SIDEWALKS TO PROVIDE CLEAN EDGES.                                      |  | 1. BARRICADE OPEN EXCAVATIONS MADE AS A PART OF EARTHWORK OPERATIONS AND POST WITH WARNING LIGHTS. OPERATE WARNING LIGHTS DURING HOURS FROM DUSK TO DAWN EACH DAY AND AS OTHERWISE REQUIRED AND MAY BE REQUIRED BY LOCAL CODES.                                                                                                                                                                                                                                                                                                                                                                                                  |  | 15. SAW CUT JOINTS AS SOON AS CONCRETE HAS SET ENOUGH TO PREVENT RAVELING AND PRIOR TO ANY CRACKING.                                                                                                                                                                                                                                                                                                                                                        |  | 2. OVERALL GENERAL SIDEWALK AND/OR TRAIL CONSTRUCTION WILL BE THE RESPONSIBILITY OF THE RESPECTIVE AND INDIVIDUAL LOT OWNERS. SEE 'PCC PAVING NOTES' ON THIS SHEET FOR DEPTHS.                                                                                 |  |
| 4. SAWCUTTING SLURRY SHALL BE CONTAINED TO AVOID DISCHARGE INTO THE STORM SEWER SYSTEM AND/OR WATERWAYS.                                                                                                                                                                                                                                       |  | 2. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES ON AND OFF THE SITE FROM DAMAGES CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, AND OTHER HAZARDS CREATED BY EARTHWORK OPERATIONS.                                                                                                                                                                                                                                                                                                                                                                                                   |  | 16. SAW CUTS TO BE 1/8" TO 1/4" WIDE; AND DEPTH: LONGITUDINAL T/3, TRANSVERSE T/4.                                                                                                                                                                                                                                                                                                                                                                          |  | 3. ANY TRAIL/PATH INSTALLATION IS REQUIRED THROUGH THE ADJOINING OPEN SPACE AS IDENTIFIED BY THE PLANS, AND SIDEWALK AND/OR TRAIL SHALL BE INSTALLED ADJACENT TO ANY OUTLOTS.                                                                                  |  |
| 5. REMOVALS OF SIGNS, BIKE RACKS, AND OTHER SMALL ITEMS SHALL BE INCIDENTAL TO PAVEMENT REMOVAL.                                                                                                                                                                                                                                               |  | 3. UNLESS OTHERWISE NOTED, THE CONTRACTOR(S) SHALL PROTECT AND MAINTAIN ALL STREET SIGNS, ROADWAY SIGNS, AND/OR OTHER SIGNAGE NOT SPECIFICALLY NOTED FOR RELOCATION AND/OR REMOVAL.                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 17. LONGITUDINAL JOINT SPACING SHALL NOT BE GREATER THAN 12 FEET. JOINT LAYOUT SHALL BE PER SUDAS, OR AS APPROVED BY THE ENGINEER AND COUNTY. ADDITIONALLY, TRANSVERSE SPACING SHALL NOT BE GREATER THAN 15 FEET.                                                                                                                                                                                                                                           |  | 4. ALL PROPOSED PEDESTRIAN CROSSINGS AND NOTED TRANSITIONS SHALL BE INSTALLED AS PART OF THE PLAT IMPROVEMENTS.                                                                                                                                                |  |
| 6. THE CONTRACTOR(S) SHOULD ALSO IDENTIFY NOTIFICATION AND COORDINATION OF ANY FENCE REMOVALS WITH THE COUNTY AND AFFECTED LANDOWNERS.                                                                                                                                                                                                         |  | 4. UNLESS OTHERWISE NOTED, THE CONTRACTOR(S) SHALL PROTECT AND MAINTAIN ALL UTILITY STRUCTURES, LINES, MAINS, AND/OR SERVICES NOT SPECIFICALLY NOTED FOR RELOCATION, REPLACEMENT, REMOVAL, AND/OR ABANDONMENT.                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 18. BARS AT LONGITUDINAL JOINTS WILL BE MINIMUM OF 5/8" (#5) X 30" DEFORMED AT 30 INCHES O.C.                                                                                                                                                                                                                                                                                                                                                               |  | 5. SIDEWALK CURB RAMPS SHALL COMPLY WITH, BUT ARE NOT LIMITED TO, SUDAS FIGURES 7030.204 THROUGH 7030.210.                                                                                                                                                     |  |
| 7. THE CONTRACTOR(S) SHALL IDENTIFY AND COORDINATE REMOVAL AND/OR TRIMMING OF TREES ALONG THE PROJECT BOUNDARY WITH COUNTY STAFF. PER IDNR, THE SITE AREA HAS THE POTENTIAL OF INHABITATION FROM THE INDIANA BAT (MYOTIS SODALIS) AND THE NORTHERN LONG-EARED BAT (MYOTIS SEPTENTRIONALIS) - NO THOROUGH FIELD STUDIES WERE PERFORMED.         |  | REMOVAL OF BELOW-GRADE IMPROVEMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 19. ALL REINFORCING STEEL RODS, DOWELS OR TIE BARS USED IN THE PCC PAVING SHALL BE EPOXY COATED, UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                                    |  | 6. THE LONGITUDINAL SLOPE OF ANY PROPOSED TRAIL/SIDEWALK (OUTSIDE OF CURB RAMPS) SHOULD NOT EXCEED FIVE (5%) PERCENT, UNLESS OTHERWISE INDICATED.                                                                                                              |  |
| 8.1. IF EVIDENCE SHOULD BE FOUND OR SUSPECTED, CONTACT THE IDNR (ENDANGERED SPECIES COORDINATOR) AT 515/281-5918; AND THE US FISH AND WILDLIFE SERVICE (ROCK ISLAND FIELD OFFICE) AT 309/757-5800.                                                                                                                                             |  | 1. REMOVE ALL SUBSTRUCTURES INCLUDING BUT NOT LIMITED TO FOOTINGS AND FOUNDATION WALLS, POLE BASES, AS WELL AS LOOSE, SOFT, OR OTHERWISE UNSUITABLE BACKFILL MATERIALS ADJACENT TO THESE STRUCTURES. ALL BACKFILL SHALL BE COMPACTED TO AT LEAST 95 PERCENT STANDARD PROCTOR.                                                                                                                                                                                                                                                                                                                                                    |  | 20. ALL LOAD TRANSFER DEVICES AND TIE BARS SHALL BE POSITIONED ON CHAIRS AND SECURED AGAINST MOVEMENT WITH METAL STAKES DURING PLACING AND FINISHING OF CONCRETE.                                                                                                                                                                                                                                                                                           |  | 7. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR FOLLOWING THE PROPOSED SPOT ELEVATIONS. SPOT ELEVATIONS GOVERN OVER CONTOURS AND NOTED SLOPES.                                                                                                                   |  |
| 8.2. NO TREE CUTTING SHALL BE ALLOWED BETWEEN APRIL 1 AND SEPTEMBER 30.                                                                                                                                                                                                                                                                        |  | 2. OBSERVATION AND TESTING OF FILL OPERATION SHALL BE BY THE SOILS ENGINEER HIRED BY THE OWNER/DEVELOPER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 21. ALL JOINTS SHALL BE FILLED WITH W-R MEADOWS D-164 HOT POUR RUBBER BASE JOINT SEALER OR APPROVED EQUAL.                                                                                                                                                                                                                                                                                                                                                  |  | 8. ALL PEDESTRIAN FACILITIES - INCLUDING, BUT NOT LIMITED TO: SIDEWALK SLOPES, DROP CURBS, GRADING, STRIPING, SIGNAGE, AND HANDICAPPED RAMP DETAILS - SHALL BE CONSTRUCTED TO MEET THE CURRENT REQUIREMENTS/STANDARDS OF SUDAS, MUTCD, DOJ, ADAAG, AND PROWAG. |  |
| 9. DEMOLITION OF EXISTING FARMSTEADS (OR NOTED BUILDINGS) SHALL INCLUDE BUILDING REMOVAL; ACCESSORY BUILDING REMOVAL; REMOVAL OF ANY AND ALL ATTACHED ITEMS, ESPECIALLY UTILITIES; ASBESTOS TESTING WITH LEGAL REMOVAL AND DISPOSAL; LEAD TESTING WITH LEGAL REMOVAL AND DISPOSAL; FOUNDATION REMOVAL; LEGAL TRANSPORTATION AND DISPOSAL; ETC. |  | 3. REMOVE ANY CONDUITS, CABLES, PIPE, OR OTHER MATERIALS ASSOCIATED WITH THE UNDERGROUND STRUCTURES, UNLESS DIRECTED OTHERWISE BY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 22. BACKER ROD IS OPTIONAL OUTSIDE OF RIGHT-OF-WAY; CANNOT BE USED WITHIN LIMITS OF RIGHT-OF-WAY.                                                                                                                                                                                                                                                                                                                                                           |  | 9. THE CONTRACTOR(S) SHALL VERIFY WITH THE CITY INSPECTOR/ENGINEER THAT THE RAMP, SIDEWALK, AND PARKING AREAS ARE CONSTRUCTED PROPERLY TO MEET STANDARDS.                                                                                                      |  |
| REMOVAL OF BELOW-GRADE IMPROVEMENTS                                                                                                                                                                                                                                                                                                            |  | 4. UNLESS OTHERWISE NOTED, THE CONTRACTOR(S) SHALL PROTECT AND MAINTAIN ALL UTILITY STRUCTURES, LINES, MAINS, AND/OR SERVICES NOT SPECIFICALLY NOTED FOR RELOCATION, REPLACEMENT, REMOVAL, AND/OR ABANDONMENT.                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 23. SPECIAL CARE SHALL BE TAKEN WHEN FORMING AT INTERSECTIONS AND SIDEWALK RAMPS SO THE PROFILES SHOWN THE PLANS AND THE ELEVATIONS SHOWN ON THE INTERSECTION AND SIDEWALK DETAILS ARE OBTAINED. SHORT LENGTHS OF FORMS OR FLEXIBLE FORMS MAY BE NECESSARY AT THESE LOCATIONS.                                                                                                                                                                              |  | 10. SIDEWALKS, ACCESSIBLE CURB RAMPS, CROSSINGS, AND SIDEWALK RAMPS INCLUDING RAISED TRUNCATED DOME AND DETECTABLE WARNINGS AND WARNING PANELS SHALL BE DESIGNED AND INSTALLED TO THE LATEST PROWAG AND ADA REQUIREMENTS.                                      |  |
| 1. REMOVE ALL SUBSTRUCTURES INCLUDING BUT NOT LIMITED TO FOOTINGS AND FOUNDATION WALLS, POLE BASES, AS WELL AS LOOSE, SOFT, OR OTHERWISE UNSUITABLE BACKFILL MATERIALS ADJACENT TO THESE STRUCTURES. ALL BACKFILL SHALL BE COMPACTED TO AT LEAST 95 PERCENT STANDARD PROCTOR.                                                                  |  | REMOVAL OF BELOW-GRADE IMPROVEMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 24. TO OBTAIN THE CORRECT FORM GRADES AT LOW POINTS WHERE INTAKES ARE LOCATED, THE CONTRACTOR(S) MUST EXERCISE ADDITIONAL CARE WHEN PAVING FULL WIDTH PAVEMENTS. THIS MAY REQUIRE POURING PORTIONS OF THE PAVEMENT AT SEPARATE TIMES ALONG JOINT LINES, OR OTHER METHODS APPROVED BY THE ENGINEER.                                                                                                                                                          |  | 11. SHOULD DISCREPANCIES OCCUR ON THE PLAN OR WHAT IS REQUIRED BY THE INSPECTOR, THE CONTRACTOR(S) SHALL NOTIFY THE ENGINEER.                                                                                                                                  |  |
| 2. OBSERVATION AND TESTING OF FILL OPERATION SHALL BE BY THE SOILS ENGINEER HIRED BY THE OWNER/DEVELOPER.                                                                                                                                                                                                                                      |  | REMOVAL OF BELOW-GRADE IMPROVEMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 25. THE CONTRACTOR(S) SHALL LOCATE AND/OR DETERMINE ALL STRUCTURE, ENTRANCE, INTERSECTION, AND CUL-DE-SAC BOXOUTS AS NEEDED FOR HIS/HER OPERATIONS.                                                                                                                                                                                                                                                                                                         |  | 12. PERFORMING THE WORK THE WAY THE CONTRACTOR(S) HAS FOR THE LAST XX YEARS ON OTHER APPROVED PROJECTS WILL NOT BE AN EXCUSE FOR NON-COMPLIANCE WITH THESE REQUIREMENTS.                                                                                       |  |
| 3. REMOVE ANY CONDUITS, CABLES, PIPE, OR OTHER MATERIALS ASSOCIATED WITH THE UNDERGROUND STRUCTURES, UNLESS DIRECTED OTHERWISE BY                                                                                                                                                                                                              |  | REMOVAL OF BELOW-GRADE IMPROVEMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | 26. ALL SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING.                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 27. ALL SHOWN DIMENSIONS, RADII, ETC. ARE AT BACK OF CURB.                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 28. TYPICAL PAVEMENT (INTERSECTION AND COMMERCIAL ENTRANCE) RETURN RADIUS IS 25-FOOT AT THE BACK OF CURB.                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 29. AT OPEN ENDS OF CURB AND GUTTER, TAPER THE CURB AND GUTTER FROM FULL HEIGHT TO ZERO HEIGHT IN THE LAST FIVE (5) FEET.                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 30. ALL ROADWAY PAVEMENT IN SHALL BE 26 FEET BOC-BOC WITH INTEGRAL AND STANDARD CURB AND GUTTER, UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 31. PAVING THICKNESS SHALL BE PER THE TYPICAL SECTIONS, OR AS NOTED.                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 31.1. ALL ROADWAYS SHALL INCLUDE 12 INCHES OF SUBGRADE PREPARATION - INSTALLED IN AT LEAST TWO (2) SIX (6") INCH COMPACTED LIFTS, AS NOTED HEREIN.                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 31.1.1. OPTIONAL - A MINIMUM SIX (6") INCH COMPACTED LIFT OF GRANULAR MATERIAL FOR SUBBASE MAY BE SUBSTITUTED FOR 12 INCHES OF SUBGRADE PREPARATION.                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 31.2. ANY AND ALL PATCHES SHALL MATCH THE EXISTING PAVEMENT SECTION.                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 31.3. ALL STREET PAVEMENTS SHALL BE SEVEN (7") INCHES NON-REINFORCED PCC PAVEMENT, UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 31.3.1. INSTALL TYPE 'L' JOINTS ALONG CURBING AND AT SHOWN LOCATIONS.                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 31.3.2. INSTALL TYPE 'BT', KT', OR 'L' JOINTS ALONG CENTERLINE AND AT SHOWN LOCATIONS DEPENDING ON PAVEMENT THICKNESS AND CONSTRUCTION STAGING.                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 31.4. SIDEWALKS SHALL BE FOUR (4") INCHES PCC AND FIVE (5) FEET WIDE,                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                |  |
| SHEET:                                                                                                                                                                                                                                                                                                                                         |  | GENERAL NOTES AND INFORMATION 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | NO:                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | REVISION DESCRIPTION:                                                                                                                                                                                                                                          |  |
| 4                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 1 PER CITY REVIEW # 1                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 2 REVISED BUILDING FOOTPRINT                                                                                                                                                                                                                                   |  |
|                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 3                                                                                                                                                                                                                                                              |  |
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| SHRI SHIRDI SAI BABA TEMPLE OF DM-1100 SE 25TH STREET GRIMES IOWA                                                                                                                                                                                                                                                                              |  | ABACI CONSULTING, INC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | PROJECT NO:                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | DATE:                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                |  | CIVIL ENGINEERING - LAND SURVEYING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | DRAWING FILE NO:                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | DESIGNED/REVIEWED BY:                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                                                                                                                                                                                                |  | 100 WEST GREEN STREET GRIMES IOWA 50601 OFFICE (515) 982-5248                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | DRAWN BY:                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | DATE:                                                                                                                                                                                                                                                          |  |
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| GENERAL UTILITY NOTES:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  | 18. ALL BACKFILL AND TRENCHES SHALL BE COMPACTED TO AT LEAST 95 PERCENT STANDARD PROCTOR WITHIN THE NOTED RANGE OR THE MATERIAL'S OPTIMUM MOISTURE CONTENT.                                                                                                                                                                                                                                                                                                                                          |  |  |  | PRECAST RISER SECTION(S). ADJUST EXISTING SANITARY MANHOLE TO FINISHED GRADE BY ADDING/REMOVING PRECAST RISER SECTION(S) AND/OR ADJUSTMENT RING(S) PER SUDAS SW-301. RESET AND/OR REPLACE EXISTING PRECAST CONE SECTION, ADJUSTMENT RING(S), AND FRAME AND LID. INSTALL NEW CHIMNEY SEAL. RETEST MANHOLE ONLY.                                                                                                                                                      |  |  |  | THE IDNR PERMIT APPLICATION.                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| 1. SEE ALL OTHER PLAN SHEETS; RELATED IDNR AND/OR COUNTY PERMIT APPLICATION(S) AND PERMIT(S); SUDAS DESIGN MANUAL AND SPECIFICATIONS; RELATED SPECIFICATIONS ON FILE WITH THE IDNR; AND COUNTY STANDARD SPECIFICATIONS FOR WORK REQUIREMENTS; PLUMBING PERMIT(S); ANY ADDITIONAL REQUIREMENTS; AND ANY COORDINATION ITEMS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  | 19. FULL DEPTH COMPACTION SHALL BE REQUIRED AT ALL STREET CROSSINGS. NOTE THAT DENSITY TEST REPORTS FROM AN APPROVED TESTING LAB WILL BE PROVIDED BY THE CONTRACTOR(S).                                                                                                                                                                                                                                                                                                                              |  |  |  | STORM SEWER:                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  | 7. WHERE THE CONTRACTOR IS TO TIE INTO THE EXISTING WATERMAIN, PRESSURE TESTS SHALL BE PERFORMED AT AN EXISTING VALVE ON BOTH SIDES OF THE CONNECTION. THE VALVES SHALL BE REPAIRED OF REPLACED UPON THE COMPLETION OF THE TEST.                                                                                                                                                                  |  |  |  |
| 2. WORK SHALL INCLUDE CONNECTION TO EXISTING PUBLIC UTILITIES; PERMIT FEES; AND ANY AND ALL FITTINGS, CLEANOUTS, AND APPURTENANCES REQUIRED BY CODES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  | 20. TRACER WIRE SHALL BE ADDED TO ALL NON-METALIC WATERMAIN AND WATER SERVICES; AND TO ALL NON-METALIC STORM AND SANITARY SEWER MAINS AND SERVICES, UNLESS NOTED OTHERWISE.                                                                                                                                                                                                                                                                                                                          |  |  |  | 1. THE CONTRACTOR(S) SHALL PLACE SILT FENCE AROUND ALL STORM SEWER INLET LOCATIONS, STEEP SLOPES, OR AS DIRECTED BY THE COUNTY. ALL EROSION AND SEDIMENTATION CONTROL SHALL BE SET UP PRIOR TO CONSTRUCTION.                                                                                                                                                                                                                                                        |  |  |  | 8. THE CONTRACTOR(S) SHALL PROVIDE AND INSTALL NECESSARY CONNECTIONS, FITTINGS, BENDS/ELBOWS, TEES/CROSSES, BLOCKING, SUPPORTS, ETC.; AND NOTED PIPE LENGTHS DO NOT INCLUDE VERTICAL AND/OR FITTING ADJUSTMENTS. INCIDENTAL TO WATERMAIN CONSTRUCTION, UNLESS OTHERWISE NOTED. VERIFY AND CONFIRM PRIOR TO ORDERING AND INSTALLING.                                                               |  |  |  |
| 3. ALL UTILITY STATIONS IN PLAN VIEW ARE TIED TO CENTERLINE STREET STATIONS, UNLESS OTHERWISE NOTED; AND LOCATED PER SUDAS REFERENCE POINT LOCATIONS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  | 20.1. BRING TRACER WIRE TO THE SURFACE AT ALL VALVES, HYDRANTS AND DEAD ENDS. CONNECT NEW WIRE TO EXISTING. A GROUNDING ROD SHALL BE PLACED AS PER SUDAS.                                                                                                                                                                                                                                                                                                                                            |  |  |  | 2. ALL PROPOSED STORM SEWER LINES SHALL BE AS NOTED FOR SIZE.                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  | 9. INSTALL THRUST BLOCKS PER SUDAS STANDARDS (INCIDENTAL TO WATERMAIN CONSTRUCTION).                                                                                                                                                                                                                                                                                                              |  |  |  |
| 3.1. STORM AND SANITARY SEWER LENGTHS AND LINEWORK ARE SHOWN FROM THE SUDAS REFERENCE POINT LOCATIONS. THE CONTRACTOR(S) SHALL MODIFY THE PIPE LENGTHS DUE TO OPEN AREA INSIDE OF STRUCTURE AND ANY CONNECTION/FITTING LOCATIONS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  | 20.2. THE CONTINUITY OF THE TRACER WIRE SHALL BE TESTED PRIOR TO FINAL ACCEPTANCE.                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  | 3. STORM SEWER SHALL BE RCP, IDOT CLASS 2000D (MINIMUM), USE STRENGTH REQUIRED BY SUDAS, EXCEPT WHERE NOTED.                                                                                                                                                                                                                                                                                                                                                        |  |  |  | 10. WATER SHALL NOT BE TURNED ON WITHOUT THE CITY'S WATER DEPARTMENT PERSONNEL ONSITE TO APPROVE SAID ACTIVATION.                                                                                                                                                                                                                                                                                 |  |  |  |
| 4. THE OWNER/DEVELOPER SHALL APPLY FOR AND OBTAIN ANY SANITARY SEWER AND WATERMAIN PERMITS FROM THE IOWA DEPARTMENT OF NATURAL RESOURCES AND/OR THE COUNTY.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  | 21. ALL TERMINI OF MAINS AND SERVICES SHOULD BE MARKED WITH A PAINTED STEEL POST (WATER = BLUE, STORM = WHITE, SANITARY = GREEN). ALL POSTS SHOULD BE AT LEAST SIX (6) FEET IN LENGTH WITH FOUR (4) FEET EXPOSED ABOVE GROUND. AS NECESSARY, PLACE A MINIMUM EIGHT (8') FOOT LONG 2X4 BOARD, IN ADDITION TO THE STEEL POST, TO BURY DEPTH.                                                                                                                                                           |  |  |  | 3.1. ALL STORM SEWER AND CULVERTS OVER 15 INCHES IN SIZE SHALL BE RCP. ALL OTHERS SHALL BE PVC, SDR35 (MINIMUM).                                                                                                                                                                                                                                                                                                                                                    |  |  |  | 11. THE CONTRACTOR(S) SHALL DEFLECT PIPE JOINTS AND/OR INSTALL BENDS AS REQUIRED TO MAINTAIN ALIGNMENT OF WATERMAIN, UNLESS OTHERWISE LABELED; AND SHALL INCORPORATE INTO ANY NOTED RECORD/AS-BUILT DRAWINGS.                                                                                                                                                                                     |  |  |  |
| 5. ALL UTILITY CONTRACTOR(S) SHALL VERIFY LOCATION, ELEVATION, ETC. OF EXISTING CONNECTION(S) PRIOR TO CONSTRUCTION AND ORDERING MATERIALS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES. CONTRACTOR(S) SHALL LOCATE AND PROTECT ALL UNDERGROUND UTILITIES. DAMAGE TO UTILITIES WILL BE REPAIRED BY THE CONTRACTOR(S) TO THE SATISFACTION OF THE OWNER/DEVELOPER AND THE COUNTY.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  | 22. ALL CASTING(S) AND STRUCTURE INFORMATION ARE PER THE RESPECTIVE SUDAS DETAIL, UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  | 3.2. POLYETHYLENE (PE) PIPE WITH SMOOTH INTERIOR MAY BE SUBSTITUTED FOR RCP PER SUDAS SPECIFICATION SECTION 4020.                                                                                                                                                                                                                                                                                                                                                   |  |  |  | 12. WHEN POSSIBLE, USE JOINT DEFLECTION IN LIEU OF ADDING FITTINGS WHEN MAKING GRADE AND/OR ALIGNMENT CHANGES. OTHERWISE, USE HORIZONTAL AND/OR VERTICAL BENDS OF 45 DEGREES OR LESS FOR ROUTING.                                                                                                                                                                                                 |  |  |  |
| 6. THE CONTRACTOR(S) SHALL NOTIFY ALL AFFECTED PROPERTY OWNERS AND/OR TENANTS A MINIMUM OF ONE (1) BUSINESS DAY PRIOR TO ANY PLANNED SERVICE DISRUPTION; OR FOR ANY CONSTRUCTION ACTIVITY THAT MAY DISRUPT PROPERTY ACCESS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  | 22.1. ALL SHOWN PIPE SIZES SHALL BE INTERIOR DIMENSIONS.                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  | 3.3. ANY STORM PIPE LOCATED UNDER PAVEMENT WITH LESS THAN TWO (2) FEET OF COVER SHALL PROVIDE 24"X24" REINFORCEMENT ABOVE AND USE CLASS V RCP.                                                                                                                                                                                                                                                                                                                      |  |  |  | 13. ALL VALVES SHALL BE LOCATED OUTSIDE OF STREET PAVEMENT AND SIDEWALK RAMPS.                                                                                                                                                                                                                                                                                                                    |  |  |  |
| 7. UNLESS OTHERWISE NOTED, ALL SHOWN UTILITIES SHALL BE PUBLIC; AND SHALL BE MAINTAINED BY THE RESPECTIVE OWNER(S).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  | 22.2. ANY SHOWN STRUCTURE SIZES SHALL BE INTERIOR DIMENSIONS.                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  | 3.4. CORRUGATED METAL PIPE (CMP), OR HIGH DENSITY POLYETHYLENE PIPE (HDPE) WITH SMOOTH INTERIOR, MAY BE USED WITHIN THE RIGHT-OF-WAY.                                                                                                                                                                                                                                                                                                                               |  |  |  | 14. THE CONTRACTOR(S) SHALL VERIFY BEFORE PLACING FIRE HYDRANT'S THAT NO PART OF THE FIRE HYDRANT SHALL BE CLOSER THAN 24 INCHES TO A PROPOSED SIDEWALK AND/OR TRAIL (OR 12 INCHES WITH SUDAS WM-201 ALTERNATE PLAN). FIRE HYDRANTS SHALL ALSO BE PLACED ON THE EXTENSION OF LOT LINES AS SHOWN ON THE PLANS. ADDITIONAL STAKES FOR LOT CORNERS, TRAILS, AND SIDEWALKS SHALL BE SET AS NECESSARY. |  |  |  |
| 8. ALL UTILITY SERVICES SHALL BE BURIED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  | 23. ALL RIM ELEVATIONS ARE SHOWN FOR REFERENCE PURPOSES ONLY. THE CONTRACTOR(S) SHALL ADJUST AS NECESSARY TO MEET SPECIFIC CONSTRUCTION REQUIREMENTS - TYPICALLY IN PAVEMENT RADIUS RETURNS AND OUTSIDE OF PAVEMENT.                                                                                                                                                                                                                                                                                 |  |  |  | 4. ALL STORM SEWER PIPE CROSSING OVER WATERMAIN, OR IS LESS THAN 18 INCHES BELOW THE WATERMAIN, SHALL HAVE (WATERTIGHT) JOINTS WITH O-RING GASKETS TO AT LEAST TEN (10) FEET ON EACH SIDE OF THE EXTERIOR DIAMETER OF THE STORM SEWER PIPE. O-RING GASKETS SHALL BE RATED AT 13 PSI OR GREATER.                                                                                                                                                                     |  |  |  | 15. ALL FIRE HYDRANTS MUST BE A MINIMUM OF FOUR (4) FEET BEHIND THE BACK OF CURB AND MINIMUM OF EIGHT (8') FEET IN FRONT OF THE RIGHT-OF-WAY LINE.                                                                                                                                                                                                                                                |  |  |  |
| 9. ALL SERVICES LINES AND ALL UTILITY LINES IN THE ADJOINING RIGHT-OF-WAY OR EASEMENTS SHALL BE LOCATED UNDERGROUND. THE UTILITY CONTRACTOR(S) SHALL BE RESPONSIBLE FOR ENSURING REQUIRED SEPARATIONS OR CLEARANCES OF SERVICES AND MAINS; AVOID CONFLICTS; AND/OR ENSURE POSITIVE DRAINAGE (GRAVITY FLOW SERVICES) WHEN CROSSING OTHER SERVICES AND/OR MAINS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 24. AS REQUIRED, ALL EXISTING MANHOLE RIMS, VALVES, AND FIRE HYDRANT ELEVATIONS SHALL BE ADJUSTED TO MATCH PROPOSED FINISHED GRADES - CONSIDERED INCIDENTAL TO RELATED CONSTRUCTION ACTIVITIES.                                                                                                                                                                                                                                                                                                      |  |  |  | 5. ALL STORM DRAIN PIPE, SUMP LINES, SUBDRAINS, AND/OR SERVICES SHALL BE EITHER PVC, HDPE, OR POLYETHYLENE PER SUDAS SPECIFICATION SECTION 4020. THE CONTRACTOR(S) SHALL USE THE SAME MATERIAL TO BE CONSISTENT THROUGHOUT THE SITE.                                                                                                                                                                                                                                |  |  |  | 16. ALL FIRE HYDRANT LEADS SHALL BE VALVED.                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
| 10. ALL SERVICES WILL BE LOCATED WITHIN THE LOT AND SPACED FROM OTHER SERVICES AS DETAILED, UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  | 25. ALL FIRE HYDRANTS, MANHOLES RIMS, AND VALVES SHALL BE SET TO CONFORM TO FINISHED PAVEMENT AND CURB AND/OR GROUND ELEVATIONS.                                                                                                                                                                                                                                                                                                                                                                     |  |  |  | 6. THE CONTRACTOR(S) WILL LAY SEWER PIPE AS SHOWN WITHIN THE PLAN SET.                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  | 17. HYDRANTS AND VALVE BOXES SHALL BE SET TO CONFORM TO FINISH GRADE ELEVATIONS.                                                                                                                                                                                                                                                                                                                  |  |  |  |
| 10.1. THE CONTRACTOR(S) SHALL BE RESPONSIBLE TO PROVIDE AS-BUILT DEPTH AND LOCATION INFORMATION.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  | 26. THE BOTTOM OF ALL STORM AND SANITARY STRUCTURES SHALL BE SHAPED TO MATCH PIPE INVERT ELEVATION(S) AND TO MAINTAIN POSITIVE DRAINAGE.                                                                                                                                                                                                                                                                                                                                                             |  |  |  | 7. ALL PIPE SLOPES EQUAL TO OR GREATER THAN TEN (10%) PERCENT SHALL REQUIRE RESTRAINED JOINTS, UNLESS OTHERWISE NOTED; AND SHALL BE CONSIDERED INCIDENTAL.                                                                                                                                                                                                                                                                                                          |  |  |  | 18. VERIFY AND CONFIRM THE FIRE HYDRANT MODEL AND MANUFACTURER'S BRAND WITH THE CITY'S WATER DEPARTMENT PRIOR TO ORDERING AND INSTALLING.                                                                                                                                                                                                                                                         |  |  |  |
| 11. THE CONTRACTOR(S) SHALL COORDINATE ALL UTILITY TIE-INS WITH THE COUNTY PUBLIC WORKS/ENGINEERING DEPARTMENT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 27. MANHOLE STEPS SHALL BE INSTALLED IN ALL SANITARY SEWER, STORM SEWER, AND WATER MANHOLES.                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  | 8. ANY FIELD TILE DISCOVERED OR DAMAGED DURING CONSTRUCTION SHALL BE TIED INTO THE STORM SEWER SYSTEM OR REPAIRED/REPLACED; WITH THE ENGINEER NOTIFIED; AND THE LOCATION SHALL BE NOTED ON THE AS-BUILTS.                                                                                                                                                                                                                                                           |  |  |  | 19. ALL HYDRANTS SHALL BE PAINTED IN ACCORDANCE WITH THE CITY'S WATER DEPARTMENT REQUIREMENTS.                                                                                                                                                                                                                                                                                                    |  |  |  |
| 12. WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS, OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR(S) TO NOTIFY THE OWNER(S) OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR(S) SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES, AND/OR UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS; AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS. THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR(S) RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION(S) AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR(S) FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK. |  |  |  | 28. ALL DOWNSTREAM SANITARY SEWER AND WATERMAIN CONNECTIONS SHALL BE PLUGGED UNTIL THE CONSTRUCTION IS COMPLETED.                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  | 9. ALL SERVICES SHALL BE EXTENDED/STUBBED TO TEN (10) FEET INSIDE THE PROPERTY FROM THE RIGHT-OF-WAY LINE.                                                                                                                                                                                                                                                                                                                                                          |  |  |  | 20. NO EXTENSIONS ARE ALLOWED ON FIRE HYDRANT ASSEMBLIES.                                                                                                                                                                                                                                                                                                                                         |  |  |  |
| 13. AS NECESSARY, THE CONTRACTOR(S) SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE RESPECTIVE UTILITY TO SUPPORT ADJACENT AND/OR CROSSING UTILITY POLES, LINES, OR OTHER FEATURES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  | 29. ALL NOTED UTILITIES SHALL BE CLEANED, INSPECTED, AND TESTED TO IDNR AND/OR COUNTY PERMIT APPLICATION(S) AND PERMIT(S) REQUIREMENTS; PER SUDAS; AND TO COUNTY STANDARDS; AND THE COUNTY SHALL WITNESS ALL TESTING.                                                                                                                                                                                                                                                                                |  |  |  | 10. ALL SERVICES SHALL HAVE A MINIMUM DEPTH OF FOUR (4) FEET AT THE MARKED TERMINI.                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
| 14. THE CONTRACTOR(S) SHALL STAGE WORK TO MINIMIZE THE NUMBER AND EXTENT OF SERVICE INTERRUPTION(S) AND OUTAGE(S). AS NECESSARY, ASSEMBLE EQUIPMENT, PERSONNEL, PIPE, FITTINGS, AND/OR OTHER MATERIAL IN ADVANCE OF SERVICE INTERRUPTION(S) AND OUTAGE(S).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  | 30. AS NECESSARY, CONNECTIONS TO EXISTING MAINS SHALL REQUIRE THE RETESTING AND/OR RECLEANING OF THE EXISTING MAIN.                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  | 11. THE CONTRACTOR(S) MAY SUBSTITUTE ANY 'SW-501 CURB INLET' WITH THE 'SW-502 CIRCULAR INTAKE @ 48" DIAMETER'.                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
| 15. MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF TEN (10) FEET BETWEEN SANITARY AND STORM SEWERS WITH WATERMAINS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  | 31. THE UTILITY CONTRACTOR(S) SHALL PROVIDE TO THE OWNER/DEVELOPER THE MEASUREMENTS OF ALL SANITARY AND STORM SEWER, WATER, AND/OR SUMP/FOOTING DRAIN SERVICES FROM LOT CORNERS.                                                                                                                                                                                                                                                                                                                     |  |  |  | 12. ALL INTAKE CASTINGS SHALL BE BICYCLE SAFE.                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
| 16. MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 18 INCHES BETWEEN SANITARY SEWER AND WATERMAIN, AND STORM SEWER AND WATERMAIN. O-RING GASKET JOINTS ARE TO BE INSTALLED IN SITUATIONS LESS THAN 18 INCHES OR ANY TIME SANITARY SEWER OR STORM SEWER CROSSES OVER ANY WATERMAIN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  | 32. THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ANY AND ALL PRIVATE UTILITIES AND/OR SERVICES.                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  | 13. ALL STORM SEWER AND CULVERTS SHALL BE CLEANED AFTER BACKFILLING; INSPECTED; AND TELEVISED (ACCORDING TO THE LOCAL MUNICIPALITY) AFTER THE BACKFILL HAS BEEN IN PLACE FOR A MINIMUM OF 30 DAYS WITH COPIES OF THE VIDEO INSPECTION PROVIDED TO THE COUNTY PUBLIC WORKS/ENGINEERING DEPARTMENT.                                                                                                                                                                   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
| 16.1. THE CONTRACTOR(S) SHALL ADJUST THE WATERMAIN AND/OR SERVICES AS REQUIRED TO AVOID CONFLICTS WITH THE SANITARY AND STORM SEWER MAINS AND/OR OTHER UTILITIES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  | 33. ALL UTILITY CONTRACTOR(S) AND/OR NON-RESIDENTIAL OWNERS SHALL BE RESPONSIBLE TO PROVIDE THE CITY WITH "AS-BUILT" DRAWINGS OF ALL IMPROVEMENTS.                                                                                                                                                                                                                                                                                                                                                   |  |  |  | 14. THE LAST THREE (3) PIPE SECTIONS AND THE FLARED END SECTION ON ALL CULVERTS SHALL BE TIED; AND SHALL BE CONSIDERED INCIDENTAL. ALL STORM SEWER JOINTS SHALL BE WRAPPED WITH ENGINEERING FABRIC; AND SHALL BE CONSIDERED INCIDENTAL.                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
| 16.2. THE MAJORITY OF UTILITY CONFLICTS/CROSSINGS RELATING TO MAINS HAVE BEEN SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR(S). ULTIMATELY, THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR ALL UTILITY CONFLICTS/CROSSINGS RELATING TO PROPOSED CONSTRUCTION AND BETWEEN EXISTING AND/OR PROPOSED UTILITIES (MAINS AND/OR SERVICES).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | SANITARY SEWERS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  | 15. ALL FLARED END SECTIONS SHALL BE FURNISHED WITH FOOTINGS AND APRON GUARDS, UNLESS OTHERWISE NOTED; AND SHALL BE CONSIDERED INCIDENTAL.                                                                                                                                                                                                                                                                                                                          |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
| 16.3. THE CONTRACTOR(S) SHALL USE A LOW PERMEABILITY SOIL FOR BACKFILL MATERIAL WITHIN TEN (10) FEET OF THE POINT OF CROSSING WITH SANITARY OR STORM SEWER AND WATERMAIN. ADEQUATELY SUPPORT SEWER AND WATER PIPES AND UTILIZE WATERTIGHT JOINTS WITHIN A HORIZONTAL DISTANCE OF TEN (10') FEET FROM CROSSING.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  | 1. ALL SANITARY SEWER PIPE SHALL BE PVC, TRUSS.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  | 16. THE LENGTH GIVEN FOR THE STORM PIPE DOES NOT INCLUDE THE ENTIRE LENGTH OF THE FLARED END SECTION (FES) - ONLY TO THE TOP OF THE OPENING/SLOPE. SHOWN INVERT ELEVATION IS A THE END OF THE FES.                                                                                                                                                                                                                                                                  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
| 17. GRANULAR PIPE BEDDING SHALL BE CONSIDERED INCIDENTAL TO UTILITY CONSTRUCTION. ALL PIPE SHALL BE BEDDED, EXCEPT ANY NOTED JACKED AND BORED PIPE AND CASING. ALL BEDDING SHALL BE IN ACCORDANCE WITH SUDAS SPECIFICATION SECTION 3010, WITH RESPECTIVE DETAILS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  | 2. ALL PROPOSED SANITARY SEWER LINES SHALL BE EITHER EIGHT (8") INCHES OR TEN (10") INCHES, UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  | 17. ALL RIPRAP SHALL BE PLACED OVER ENGINEERING FABRIC; AND THE ENGINEERING FABRIC SHALL BE INCIDENTAL.                                                                                                                                                                                                                                                                                                                                                             |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 3. IDEALLY, THE SANITARY SEWER MAIN SHOULD BE WELL BELOW THE FROST LINE AT ALL POINTS; AND LOWER THAN ANY WATERMAINS PLACED NEARBY.                                                                                                                                                                                                                                                                                                                                                                  |  |  |  | 18. POST-DEVELOPMENT STORMWATER RUNOFF WILL NOT ADVERSELY EFFECT DOWNSTREAM PROPERTIES AND/OR FACILITIES.                                                                                                                                                                                                                                                                                                                                                           |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 4. ALL CONNECTIONS TO EXISTING SANITARY MANHOLES SHALL BE CORE DRILLED AND USE A LINK SEAL.                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  | WATERMAINS:                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 5. THE SANITARY SEWER PIPE BEDDING SHALL BE GRANULAR ENCASEMENT; AND SHALL BE CONSIDERED INCIDENTAL TO THE PIPE.                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  | 1. SITE WATERMAIN PIPING SHALL BE PVC, C900, DR18, UNLESS OTHERWISE LABELED.                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 6. THE CONTRACTOR(S) SHALL COORDINATE WITH THE COUNTY AT LEAST PRIOR TO THE INSTALLATION OF SANITARY SEWER PIPE TO ENSURE SPECIAL CARE AND ADEQUATE COMPACTION TESTING ARE TAKEN WHILE PLACING THE BACKFILL FOR SANITARY SEWER TRENCHES TO PREVENT SETTLEMENT THAT CAN DAMAGE THE PAVEMENT.                                                                                                                                                                                                          |  |  |  | 1.1. ALL PROPOSED WATERMAINS SHALL BE EIGHT (8") INCHES, UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 7. ALL SERVICES SHALL BE EXTENDED/STUBBED TO TEN (10) FEET INSIDE THE PROPERTY FROM THE RIGHT-OF-WAY LINE.                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  | 2. SITE WATER SERVICE PIPING SHALL BE TYPE K COPPER, UNLESS OTHERWISE LABELED.                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 8. PLACE A MINIMUM 14 FOOT LONG 2X4 BOARD, IN ADDITION TO THE STEEL POST AT ALL SERVICE TERMINI, TO SURVEY/RECORD REQUIRED INVERT WITHOUT DIGGING AT A LATER DATE.                                                                                                                                                                                                                                                                                                                                   |  |  |  | 2.1. ALL PROPOSED WATER SERVICES SHALL BE AS NOTED BY PLAN AND/OR DETAIL                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 9. ALL SANITARY SEWERS SHALL BE CLEANED AFTER BACKFILLING; AND TELEVISED (ACCORDING TO THE LOCAL MUNICIPALITY) AFTER THE BACKFILL HAS BEEN IN PLACE FOR A MINIMUM OF 30 DAYS WITH COPIES OF THE VIDEO INSPECTION PROVIDED TO THE COUNTY PUBLIC WORKS/ENGINEERING DEPARTMENT. IN ADDITION, ALL PROPOSED SANITARY MANHOLES SHALL BE VACUUM TESTED.                                                                                                                                                     |  |  |  | 3. ALL WATER MAINS AND SERVICES SHALL HAVE A MINIMUM OF FIVE AND ONE-HALF (5.5) FEET COVER OVER THE TOP OF THE PIPE, UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                        |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 10. THE ADJUSTMENT OF AN EXISTING MANHOLE RIM SHALL INCLUDE NEW BARREL SECTION(S), NEW RISER(S), AND VACUUM TESTING; AND SHALL BE INCIDENTAL TO THE .ADJUSTMENT.                                                                                                                                                                                                                                                                                                                                     |  |  |  | 4. ALL SHOWN STATIONING AND OFFSETS FOR TEES, CROSSES, VALVES, FIRE HYDRANTS, ETC. ARE LOCATIONS BASED ON AN ENLARGED CAD SYMBOL TO BE SEEN ON THESE CONSTRUCTION PLANS AND AS SHOWN. THE CONTRACTOR(S) MAY SHIFT THE LOCATION(S) IN RELATION THE THE SHOWN ROADWAY CENTERLINE OF THESE TEES, CROSSES, VALVES, FIRE HYDRANTS, ETC. - PROVIDE REVISED STATIONING AND OFFSETS ON AS-BUILT DRAWINGS. NOTED OFFSETS MAY ONLY BE ADJUSTED WITH THE APPROVAL OF THE CITY. |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 11. ALL SANITARY SEWER PIPE CROSSING OVER WATERMAIN, OR IS LESS THAN 18 INCHES BELOW THE WATERMAIN, SHALL EITHER HAVE LOCATE ONE (1) FULL LENGTH OF SEWER PIPE, CONSTRUCTED OF WATERMAIN MATERIAL MEETING THE REQUIREMENTS OF SUDAS SPECIFICATIONS SO BOTH JOINTS ARE AS FAR AS POSSIBLE FROM THE WATERMAIN; OR HAVE (WATERTIGHT) JOINTS WITH O-RING GASKETS TO AT LEAST TEN (10) FEET ON EACH SIDE OF THE EXTERIOR DIAMETER OF THE LARGER PIPE. O-RING GASKETS SHALL BE RATED AT 13 PSI OR GREATER. |  |  |  | 5. THE CONTRACTOR(S) SHALL ARRANGE AND PAY FOR THE REQUIRED TAPS TO THE PUBLIC WATERMAIN; AND SHALL SCHEDULE WITH THE CITY TO OBSERVE TAPPING AND TESTING.                                                                                                                                                                                                                                                                                                          |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  | 12. EXISTING SANITARY SEWER MANHOLE ADJUSTMENT - REMOVE EXISTING FRAME AND LID; ADJUSTMENT RING(S); RECAST CONE SECTION; AND OTHER                                                                                                                                                                                                                                                                                                                                                                   |  |  |  | 6. ALL WATERMAINS SHALL BE CONSTRUCTED AND TESTED AS SPECIFIED ON                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
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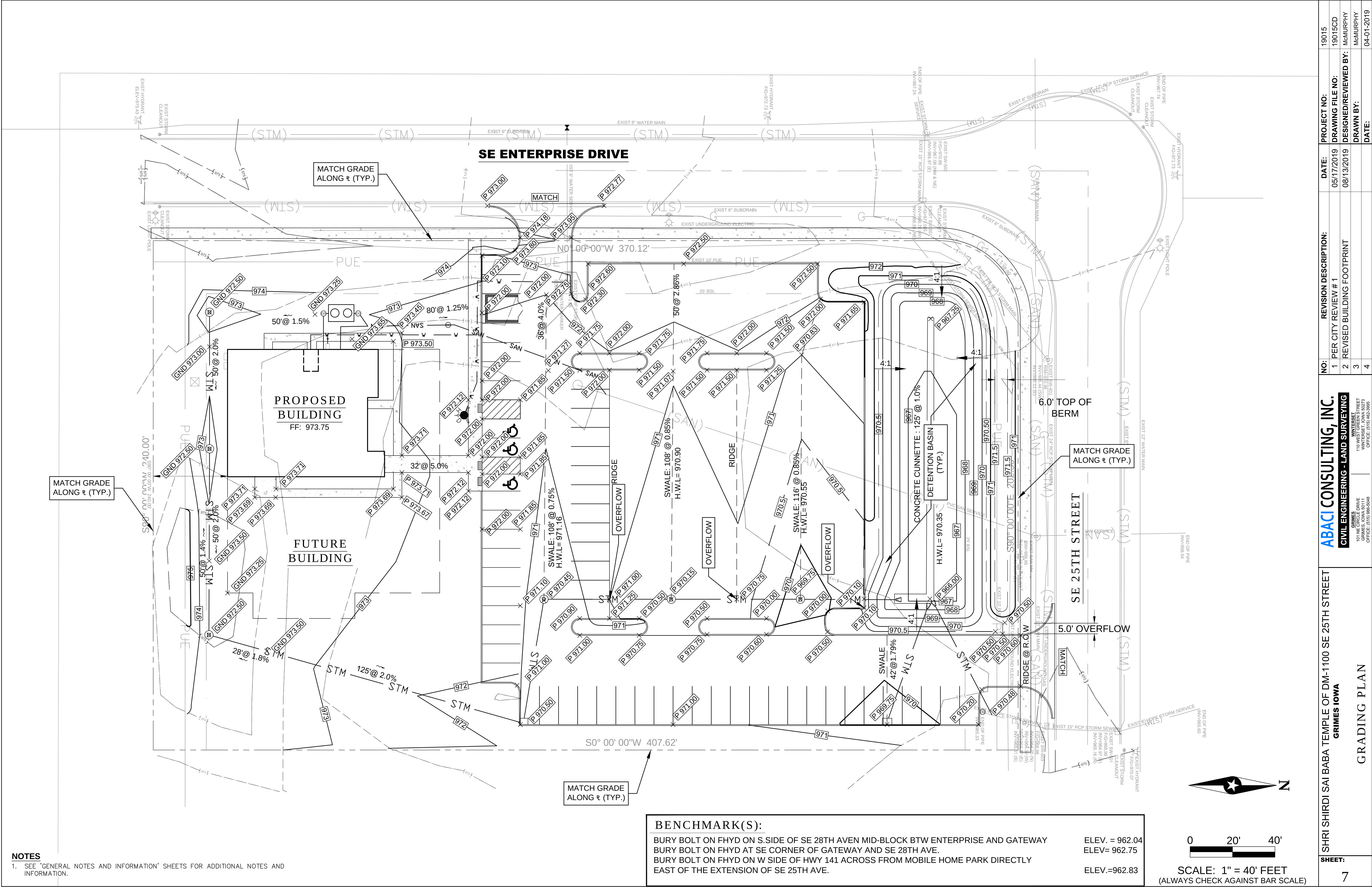




- c. A TRACER WIRE RECEPTACLE SHALL BE INSTALLED AT EACH HYDRANT.
  - d. ALL VALVES SHALL BE RESILIENT WEDGE GATE VALVES.
  - e. WATER SERVICE SHALL BE 1-INCH MINIMUM TYPE K COPPER.
  - f. PROPOSED WATER MAIN SHALL BE PRESSURE TEST AND DISINFECTION OF THE WATER SERVICE/MAIN IS REQUIRED. THE FILLING OF THE WATER MAIN SHALL BE DONE BY CITY OF GRIMES. THE BACTERIA TEST AND SUBMITTAL OF TEST TO LAB SHALL BE DONE BY THE DEVELOPER AND RESULTS PROVIDED BY FAX TO US WATER AT 515-986-7300. IF THE TEST DOES NOT PASS, THE CONTRACTOR WILL BE REQUIRED TO PAY FOR ALL THE WATER USED TO REPEAT THE TEST.
- STORM SEWER NOTES:
- a. ALL STORM SEWER IN THE ROW SHALL BE RCP, UNLESS OTHERWISE APPROVED BY THE CITY.
  - b. ALL FLARED END SECTIONS SHALL HAVE FOOTINGS AND APRON GRATES. THE LAST 3 PIPE SECTIONS AND THE FLARED END SECTION ON ALL CULVERTS SHALL BE TIED. ALL STORM SEWER JOINTS SHALL BE WRAPPED WITH ENGINEERING FABRIC.
  - c. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY FIELD TILE DAMAGED DURING CONSTRUCTION. THE TILE SHOULD BE DIRECTED TO PUBLIC STORM SEWER IF POSSIBLE. THE CONTRACTOR SHALL RECORD THE ELEVATION AND LOCATION OF ALL TILES.
  - d. ALL SUMP SERVICE LINES SHALL HAVE TRACER WIRE.

|          |                                                                      |                |                                           |  |  |                        |      |  |                            |  |                       |       |                       |  |             |  |       |  |
|----------|----------------------------------------------------------------------|----------------|-------------------------------------------|--|--|------------------------|------|--|----------------------------|--|-----------------------|-------|-----------------------|--|-------------|--|-------|--|
| SHEET: 6 | SHRI SHIRDI SAI BABA TEMPLE OF DM-1100 SE 25TH STREET<br>GRIMES IOWA | GEOMETRIC PLAN | <b>ABACI CONSULTING, INC.</b>             |  |  |                        | NO.: |  |                            |  | REVISION DESCRIPTION: |       | DATE:                 |  | PROJECT NO: |  | 19015 |  |
|          |                                                                      |                | <b>CIVIL ENGINEERING - LAND SURVEYING</b> |  |  |                        | 1    |  | PER CITY REVIEW # 1        |  | 05/17/2019            |       | DRAWING FILE NO:      |  | 19015CD     |  |       |  |
|          |                                                                      |                |                                           |  |  |                        | 2    |  | REVISED BUILDING FOOTPRINT |  | 08/13/2019            |       | DESIGNED/REVIEWED BY: |  | McMURPHY    |  |       |  |
|          |                                                                      |                |                                           |  |  |                        | 3    |  |                            |  |                       |       | DRAWN BY:             |  | McMURPHY    |  |       |  |
|          |                                                                      |                | GRIMES IOWA                               |  |  | WINTERSSET, IOWA 50273 |      |  | OFFICE: (515) 462-3985     |  |                       | DATE: |                       |  | 04-01-2019  |  |       |  |





**NOTES**

1. SEE "GENERAL NOTES AND INFORMATION" SHEETS FOR ADDITIONAL NOTES AND INFORMATION.

**BENCHMARK(S):**

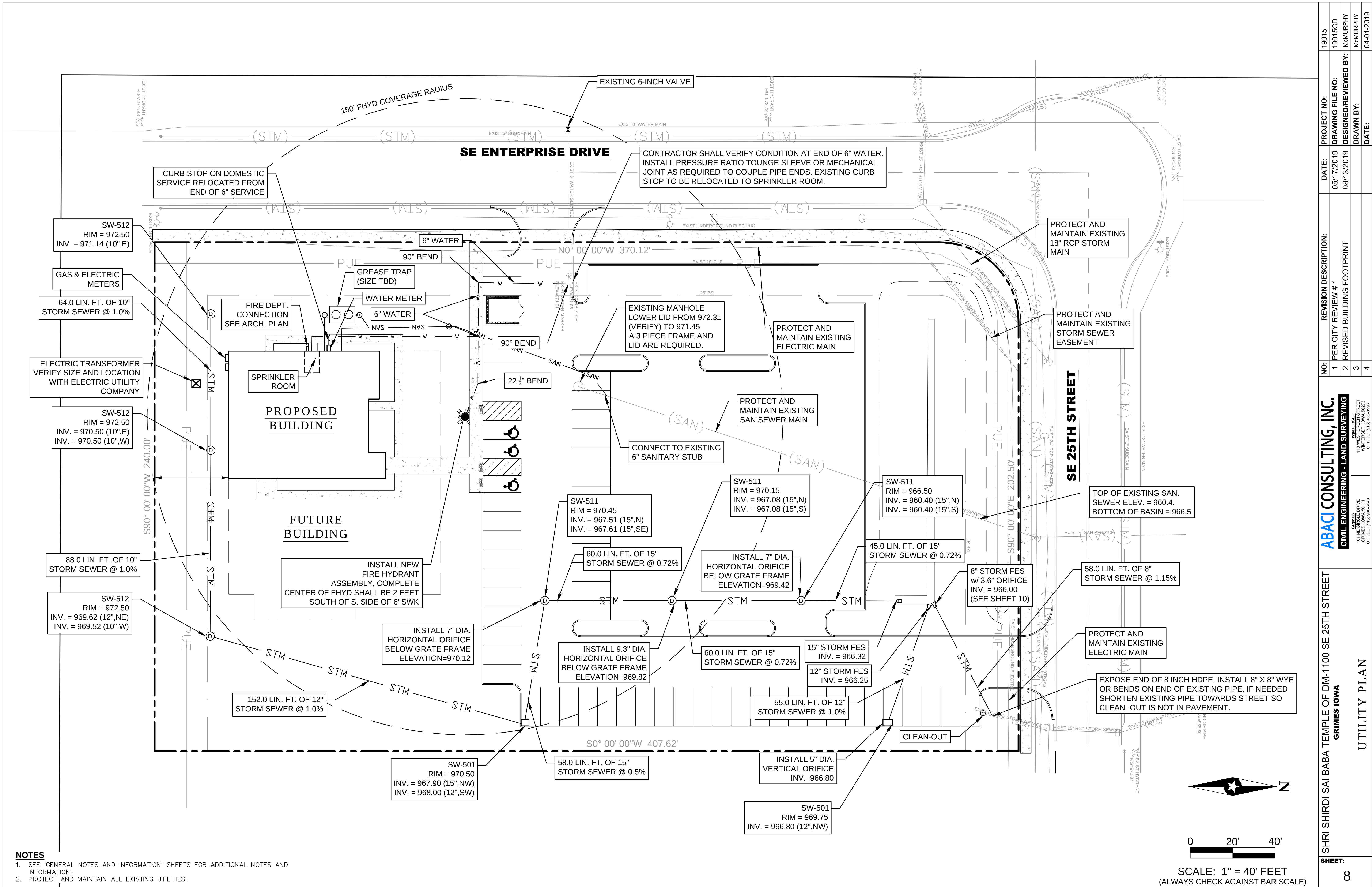
BURY BOLT ON FHYD ON S.SIDE OF SE 28TH AVEN MID-BLOCK BTW ENTERPRISE AND GATEWAY ELEV. = 962.04

BURY BOLT ON FHYD AT SE CORNER OF GATEWAY AND SE 28TH AVE. ELEV= 962.75

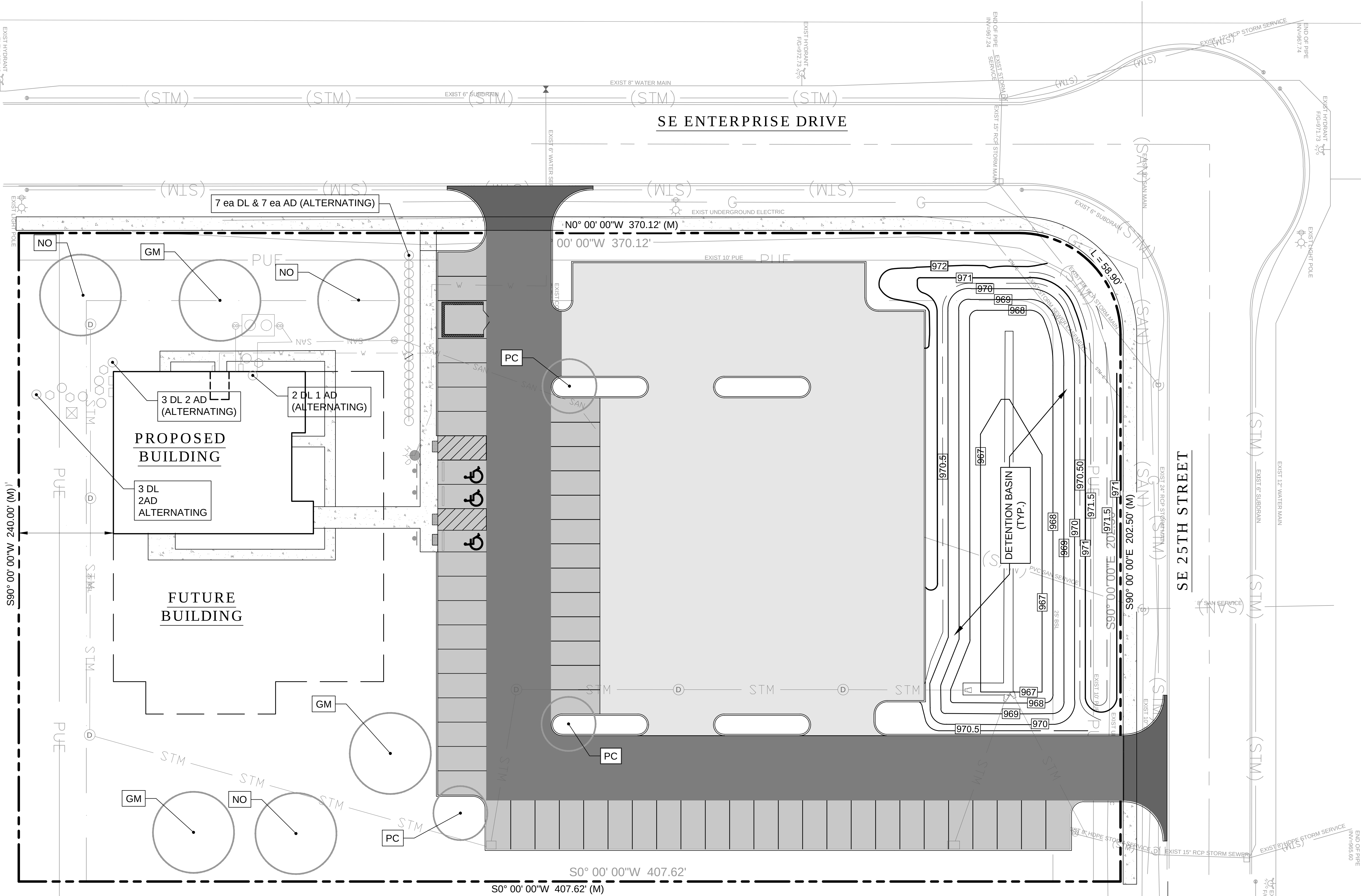
BURY BOLT ON FHYD ON W SIDE OF HWY 141 ACROSS FROM MOBILE HOME PARK DIRECTLY EAST OF THE EXTENSION OF SE 25TH AVE. ELEV.=962.83

|   |        |  |                                                                      |  |                                                                                           |  |      |  |                            |  |            |  |             |            |  |
|---|--------|--|----------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------|--|------|--|----------------------------|--|------------|--|-------------|------------|--|
| 7 | SHEET: |  | SHRI SHIRDI SAI BABA TEMPLE OF DM-1100 SE 25TH STREET<br>GRIMES IOWA |  | ABACI CONSULTING, INC.                                                                    |  | NO.: |  | REVISION DESCRIPTION:      |  | DATE:      |  | PROJECT NO: |            |  |
|   |        |  |                                                                      |  | CIVIL ENGINEERING - LAND SURVEYING                                                        |  | 1    |  | PER CITY REVIEW # 1        |  | 05/17/2019 |  | 19015       |            |  |
|   |        |  |                                                                      |  | GRIMES ENGINEERING<br>101 NE GREEN STREET<br>GRIMES, IOWA 50111<br>OFFICE: (515) 986-5948 |  | 2    |  | REVISED BUILDING FOOTPRINT |  | 08/13/2019 |  | 19015CD     |            |  |
|   |        |  |                                                                      |  |                                                                                           |  | 3    |  |                            |  |            |  | McMURPHY    |            |  |
|   |        |  |                                                                      |  |                                                                                           |  | 4    |  |                            |  |            |  | DATE:       |            |  |
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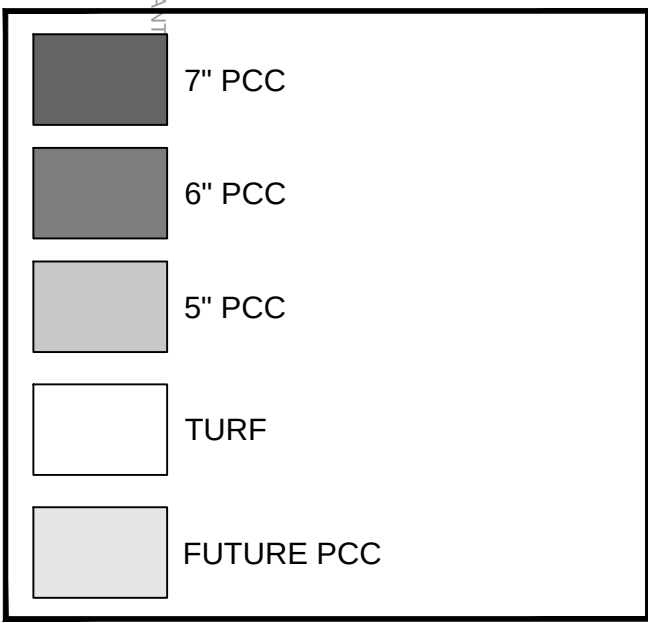


LANDSCAPING SCHEDULE

| KEY | QTY | TREES                      | SIZE         |
|-----|-----|----------------------------|--------------|
| GM  | 3   | GREEN MOUNTAIN SUGAR MAPLE | 2" B & B     |
| NO  | 3   | NORTHERN RED OAK           | 2" B & B     |
| PC  | 3   | PRAIRIEFIRE CRABAPPLE      | 1 1/2" B & B |
| DL  | 15  | DWARF KOREAN LILAC         | #5 CONT.     |
| AD  | 12  | ALLEMAN DOGWOOD            | #5 CONT.     |

LANDSCAPING NOTES:

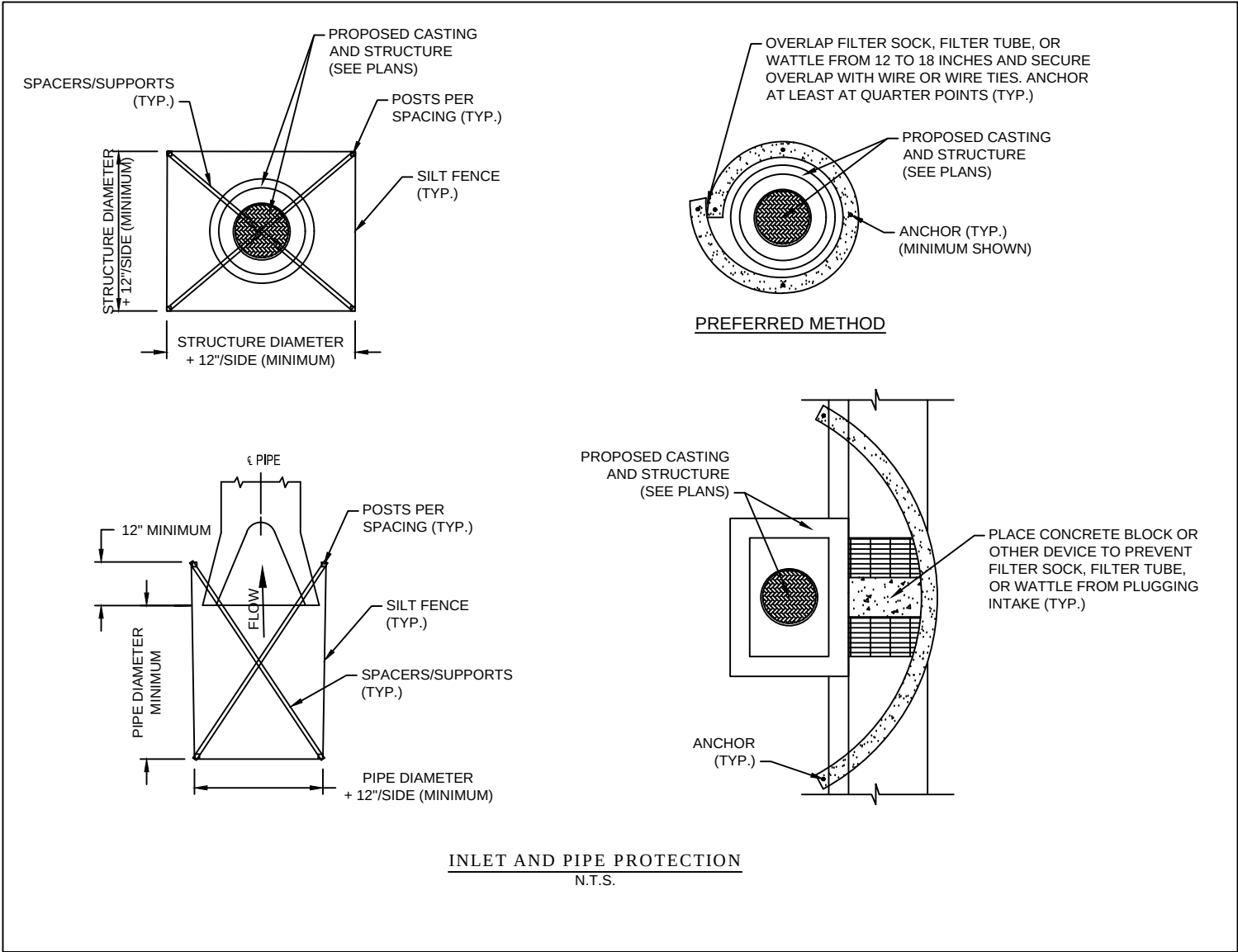
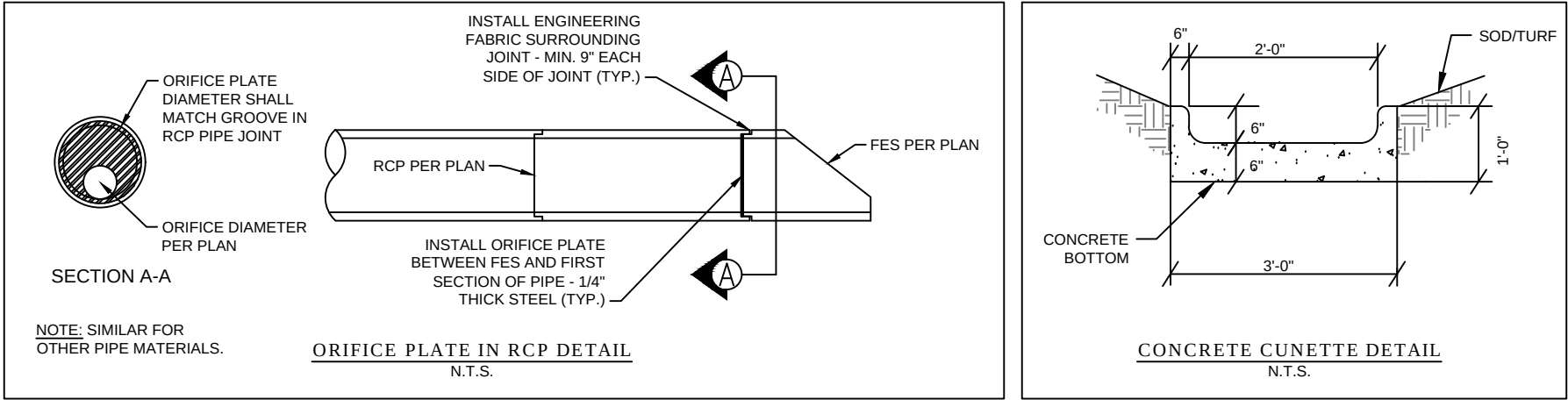
- ALL DISTURBED AREA TO BE SEEDED/SODDED, IF SEEDED USE SUDAS GRASS SEED MIXTURE TYPE 1.
- ALL FOUNDATION BEDS TO RECEIVE ROCK MULCH 3" DEEP.
- ALL PERIMETER BEDS TO RECEIVE SHREDDED HARDWOOD MULCH 3" DEEP.
- ALL PLANTING BEDS TO RECEIVE 4"x6" LI,ESTONE EDGING WHERE BED MEETS LAWN.
- ALL TREES TO RECEIVE A TREE RING OF SHREDDED HARDWOOD MULCH 3" DEEP.



SCALE: 1" = 40' FEET  
(ALWAYS CHECK AGAINST BAR SCALE)

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| SHRI SHIRDI SAI BABA TEMPLE OF DM-1100 SE 25TH STREET<br><b>GRIMES IOWA</b> | LANDSCAPING PLAN | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | GRIMES IOWA |  | 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| TYPICAL STANDARD ROAD PLANS/DETAILS - INCLUDED BY REFERENCE - NOT ALL UTILIZED                                               |        |                                                               |
|------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------|
| NUMBER                                                                                                                       | NUMBER | TITLE OR DESCRIPTION                                          |
| 2010.101                                                                                                                     | ---    | DETAILS OF EMBANKMENTS AND REBUILDING EMBANKMENTS             |
| 3010.102                                                                                                                     | SW-102 | RIGID GRAVITY PIPE TRENCH BEDDING                             |
| 3010.103                                                                                                                     | SW-103 | FLEXIBLE GRAVITY PIPE TRENCH BEDDING                          |
| 3010.104                                                                                                                     | SW-104 | PRESSURE PIPE TRENCH BEDDING                                  |
| 3010.105                                                                                                                     | SW-105 | MISCELLANEOUS PIPE BEDDING                                    |
| 3010.901                                                                                                                     | ---    | SEWER PIPE SUPPORT OVER EXISTING UTILITY                      |
| 4010.201                                                                                                                     | SW-201 | SANITARY SEWER SERVICE STUB                                   |
| 4010.203                                                                                                                     | SW-203 | SANITARY SEWER CLEANOUT                                       |
| 4030.222                                                                                                                     | ---    | CIRCULAR CONCRETE APRONS                                      |
| 4030.224                                                                                                                     | ---    | CONCRETE PIPE APRON GUARD                                     |
| 4040.231                                                                                                                     | ---    | SUBDRAINS                                                     |
| 4040.232                                                                                                                     | ---    | SUBDRAIN CLEANOUT                                             |
| 4040.233                                                                                                                     | ---    | SUBDRAIN OUTLET                                               |
| 4010.901                                                                                                                     | ---    | RELOCATE SANITARY SEWER SERVICE IN CONFLICT WITH NEW SEWER    |
| 4020.211                                                                                                                     | SW-211 | SPECIAL PIPE CONNECTIONS FOR STORM SEWER                      |
| 4030.211                                                                                                                     | ---    | RCP APRON SECTION FOOTING                                     |
| 5010.101                                                                                                                     | WM-101 | THRUST BLOCKS                                                 |
| 5010.102                                                                                                                     | WM-102 | TRACER SYSTEM                                                 |
| 5010.901                                                                                                                     | ---    | MINIMUM CLEARANCE BETWEEN WATER SERVICE AND STRUCTURE         |
| 5020.201                                                                                                                     | WM-201 | FIRE HYDRANT ASSEMBLY                                         |
| 6010.301                                                                                                                     | SW-301 | CIRCULAR SANITARY SEWER MANHOLE                               |
| 6010.303                                                                                                                     | SW-303 | SANITARY SEWER MANHOLE OVER EXISTING MANHOLE                  |
| 6010.306                                                                                                                     | SW-306 | CHIMNEY SEALS FOR SANITARY SEWER MANHOLES                     |
| 6010.307                                                                                                                     | SW-307 | DROP CONNECTION FOR SANITARY SEWER MANHOLE                    |
| 6010.401                                                                                                                     | SW-401 | CIRCULAR STORM SEWER MANHOLE                                  |
| 6010.402                                                                                                                     | SW-402 | RECTANGULAR STORM SEWER MANHOLE                               |
| 6010.403                                                                                                                     | SW-403 | DEEP WELL RECTANGULAR STORM SEWER MANHOLE                     |
| 6010.405                                                                                                                     | SW-405 | TEE-SECTION STORM SEWER MANHOLE                               |
| 6010.501                                                                                                                     | SW-501 | SINGLE GRATE INTAKE                                           |
| 6010.502                                                                                                                     | SW-502 | CIRCULAR SINGLE GRATE INTAKE                                  |
| 6010.503                                                                                                                     | SW-503 | SINGLE GRATE INTAKE WITH MANHOLE                              |
| 6010.505                                                                                                                     | SW-505 | DOUBLE GRATE INTAKE                                           |
| 6010.506                                                                                                                     | SW-506 | DOUBLE GRATE INTAKE WITH MANHOLE                              |
| 6010.511                                                                                                                     | SW-511 | RECTANGULAR AREA INTAKE                                       |
| 6010.512                                                                                                                     | SW-512 | CIRCULAR AREA INTAKE                                          |
| 6010.513                                                                                                                     | SW-513 | OPEN-SIDED AREA INTAKE                                        |
| 6010.514                                                                                                                     | SW-514 | BOXOUTS FOR GRATE INTAKES                                     |
| 6010.601                                                                                                                     | SW-601 | CASTINGS FOR SANITARY SEWER MANHOLES                          |
| 6010.602                                                                                                                     | SW-602 | CASTINGS FOR STORM SEWER MANHOLES                             |
| 6010.603                                                                                                                     | SW-603 | CASTINGS FOR GRATE INTAKES                                    |
| 6010.604                                                                                                                     | SW-604 | CASTINGS FOR AREA INTAKES                                     |
| 7010.101                                                                                                                     | PV-101 | JOINTS                                                        |
| 7010.102                                                                                                                     | PV-102 | PCC CURB DETAILS                                              |
| 7010.103                                                                                                                     | PV-103 | MANHOLE BOXOUTS IN PCC PAVEMENT                               |
| 7010.901                                                                                                                     | ---    | PCC PAVEMENT JOINTING                                         |
| 7010.904                                                                                                                     | ---    | TYPICAL JOINTING LAYOUT                                       |
| 7010.905                                                                                                                     | ---    | PCC CUL-DE-SAC JOINT LOCATIONS                                |
| 7030.101                                                                                                                     | ---    | CONCRETE DRIVEWAY, TYPE A                                     |
| 7030.102                                                                                                                     | ---    | CONCRETE DRIVEWAY, TYPE B                                     |
| 7030.201                                                                                                                     | ---    | CLASSES OF SIDEWALK                                           |
| 7030.202                                                                                                                     | ---    | CURB DETAILS FOR CLASS A SIDEWALK                             |
| 7030.204                                                                                                                     | ---    | GENERAL FEATURES OF AN ACCESSIBLE SIDEWALK                    |
| 7030.205                                                                                                                     | ---    | GENERAL SIDEWALK AND CURB RAMP DETAILS                        |
| 7030.206                                                                                                                     | ---    | CURB RAMPS OUTSIDE OF INTERSECTION RADIUS                     |
| 7030.207                                                                                                                     | ---    | CURB RAMP FOR CLASS B OR C SIDEWALK                           |
| 7030.208                                                                                                                     | ---    | ALTERNATIVE CURB RAMP FOR CLASS B OR C SIDEWALK               |
| 7030.209                                                                                                                     | ---    | CURB RAMPS FOR CLASS A SIDEWALK                               |
| 7030.210                                                                                                                     | ---    | DETECTABLE WARNING PLACEMENT                                  |
| 9030.101                                                                                                                     | ---    | PLANTING PIT                                                  |
| 9030.103                                                                                                                     | ---    | TREE STAKING, GUYING, AND WRAPPING                            |
| 9040.102                                                                                                                     | ---    | FILTER BERM AND FILTER SOCK                                   |
| 9040.103                                                                                                                     | ---    | ROLLED EROSION CONTROL PRODUCT (RECP) INSTALLATION ON SLOPES  |
| 9040.104                                                                                                                     | ---    | ROLLED EROSION CONTROL PRODUCT (RECP) INSTALLATION IN CHANNEL |
| 9040.105                                                                                                                     | ---    | WATTLE                                                        |
| 9040.106                                                                                                                     | ---    | CHECK DAM SPACING                                             |
| 9040.107                                                                                                                     | ---    | ROCK CHECK DAM                                                |
| 9040.110                                                                                                                     | ---    | RIP RAP FOR PIPE OUTLET ONTO FLAT GROUND                      |
| 9040.111                                                                                                                     | ---    | RIP RAP APRON FOR PIPE OUTLET INTO CHANNEL                    |
| 9040.113                                                                                                                     | ---    | SEDIMENT BASIN WITHOUT EMERGENCY SPILLWAY                     |
| 9040.114                                                                                                                     | ---    | SEDIMENT BASIN WITH EMERGENCY SPILLWAY                        |
| 9040.115                                                                                                                     | ---    | SEDIMENT BASIN DEWATERING DEVICE (PERFORATED RISER)           |
| 9040.116                                                                                                                     | ---    | ANTI-VORTEX DEVICE                                            |
| 9040.117                                                                                                                     | ---    | ANTI-SEEP COLLAR                                              |
| 9040.119                                                                                                                     | ---    | SILT FENCE                                                    |
| 9040.120                                                                                                                     | ---    | STABILIZED CONSTRUCTION ENTRANCE                              |
| 9070.102                                                                                                                     | ---    | MODULAR BLOCK RETAINING WALL                                  |
| ADDITIONAL INFORMATION AND PLANS/DETAILS MAY BE FOUND AT <a href="http://www.iowasudas.org/">http://www.iowasudas.org/</a> . |        |                                                               |



|                                                       |  |                        |  |                                           |  |            |  |
|-------------------------------------------------------|--|------------------------|--|-------------------------------------------|--|------------|--|
| SHRI SHIRDI SAI BABA TEMPLE OF DM-1100 SE 25TH STREET |  | GRIMES IOWA            |  | DETAILS                                   |  | SHEET: 10  |  |
| <b>ABACI CONSULTING, INC.</b>                         |  |                        |  | <b>CIVIL ENGINEERING - LAND SURVEYING</b> |  |            |  |
| GRIMES                                                |  | WINTERSSET             |  | PROJECT NO:                               |  | 19015      |  |
| 101 N. CENTER STREET                                  |  | 110 WINTERSSET         |  | DATE:                                     |  | 05/17/2019 |  |
| GRIMES IOWA 50111                                     |  | WINTERSSET IOWA 50273  |  | DRAWING FILE NO:                          |  | 19015CD    |  |
| OFFICE: (515) 996-5048                                |  | OFFICE: (515) 462-3995 |  | DESIGNED/REVIEWED BY:                     |  | MUMORPHY   |  |
| NO. 1                                                 |  |                        |  | DRAWN BY:                                 |  |            |  |
| PER CITY REVIEW # 1                                   |  |                        |  | DATE:                                     |  |            |  |
| 2                                                     |  |                        |  | 19015CD                                   |  |            |  |
| 3                                                     |  |                        |  | MUMORPHY                                  |  |            |  |
| 4                                                     |  |                        |  | 04-05-2019                                |  |            |  |
| REVISION DESCRIPTION:                                 |  |                        |  |                                           |  |            |  |
| 1                                                     |  |                        |  |                                           |  |            |  |
| 2                                                     |  |                        |  |                                           |  |            |  |
| 3                                                     |  |                        |  |                                           |  |            |  |
| 4                                                     |  |                        |  |                                           |  |            |  |



MINIMUM DISTANCE FROM SITE TO RECEIVING WATERS OF NORTH WALNUT CREEK: > 3,800 FEET

NOTE: CONTRACTOR(S) SHALL DETERMINE AND LOCATE SOIL STOCKPILE(S).

PLACE SILT FENCE OR FILTER SOCK AROUND STORM INTAKE AND/OR STRUCTURE AFTER CONSTRUCTED. PLACE BELOW GRADE INLET PROTECTION FOR ALL STORM STRUCTURES WITHIN PUBLIC STREETS OR RIGHT-OF-WAY ONCE PAVING IS COMPLETED.

### STORMWATER POLLUTION PREVENTION PLAN

| NO. | REVISION | DATE |
|-----|----------|------|
|     |          |      |
|     |          |      |
|     |          |      |
|     |          |      |
|     |          |      |
|     |          |      |
|     |          |      |
|     |          |      |
|     |          |      |

#### NOTES

1. SEE 'GENERAL NOTES AND INFORMATION' SHEETS FOR ADDITIONAL NOTES AND INFORMATION.

| SILT FENCE SPACING ON SLOPES |                     | SILT FENCE SPACING IN SWALE |                     |
|------------------------------|---------------------|-----------------------------|---------------------|
| SLOPE                        | HORIZONTAL INTERVAL | SWALE GRADE                 | HORIZONTAL INTERVAL |
| < 10:1 (10%)                 | 100 FEET (MAXIMUM)  | 1% TO 2%                    | 150 FEET (MAXIMUM)  |
| 5:1 (20%)                    | 160 FEET (MAXIMUM)  | 2% TO 4%                    | 75 FEET (MAXIMUM)   |
| 4:1 (25%)                    | 50 FEET (MAXIMUM)   | 4% TO 6%                    | 40 FEET (MAXIMUM)   |
| 3:1 (33.3%)                  | 40 FEET (MAXIMUM)   | OVER 6%                     | 25 FEET (MAXIMUM)   |

| DITCH CHECK/CHECK DAM SPACING |                           |                        |
|-------------------------------|---------------------------|------------------------|
| SWALE/DITCH GRADE             | DESIGN HORIZ. INTERVAL    | ACTUAL HORIZ. INTERVAL |
| 1% TO 2%                      | 200 FEET TO 100 FEET      | 150 FEET (MAXIMUM)     |
| 2% TO 4%                      | 100 FEET TO 50 FEET       | 75 FEET (MAXIMUM)      |
| 4% TO 6%                      | 50 FEET TO 33.5 FEET      | 40 FEET (MAXIMUM)      |
| OVER 6%                       | (2 FEET) / (SLOPE, FT/FT) | 25 FEET (MAXIMUM)      |

SWPPP MANAGER (PRINT NAME) COMPANY DATES

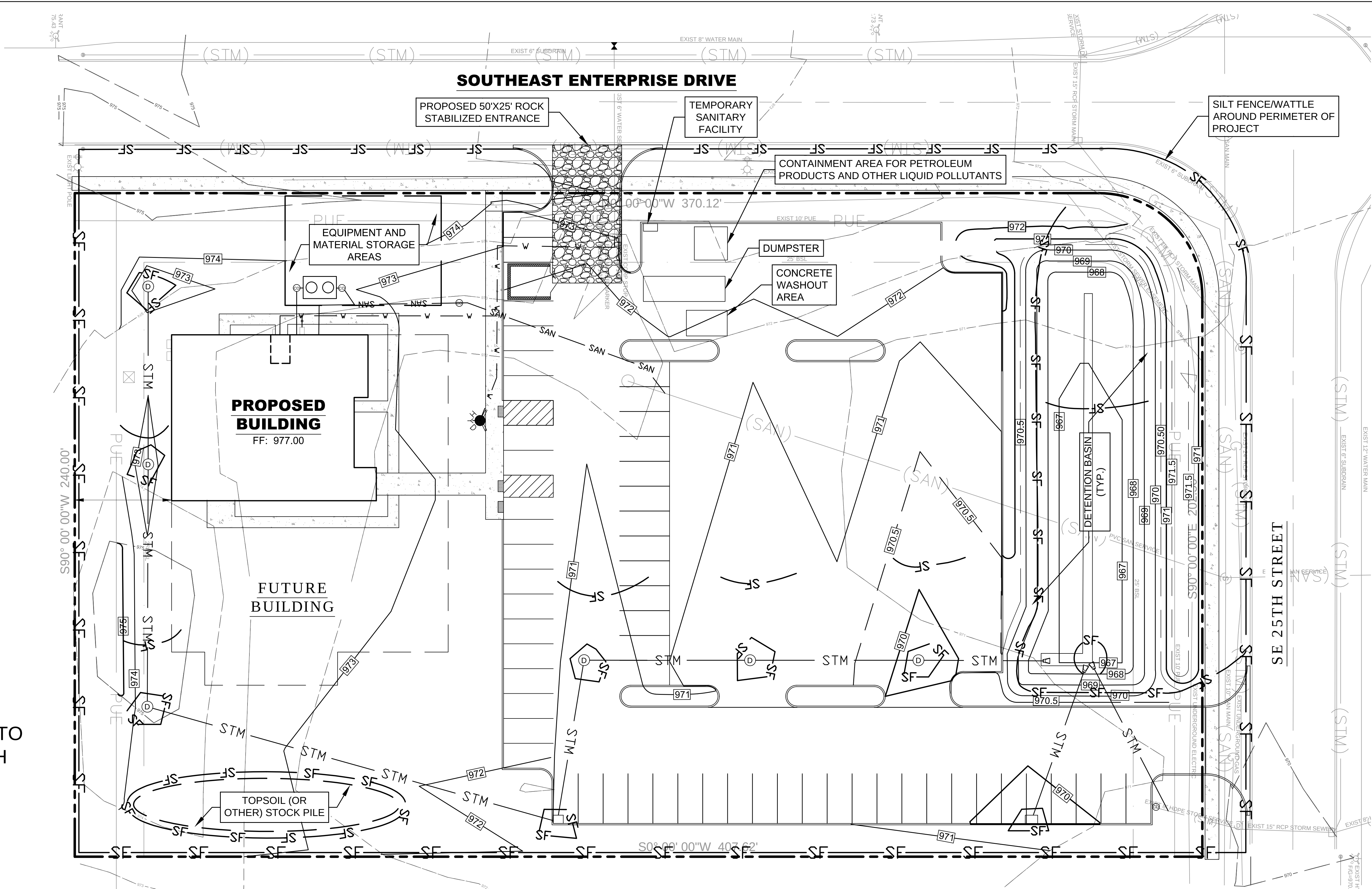
SWPPP INSPECTOR (PRINT NAME) COMPANY DATES

#### NOTICE:

ALL CONTRACTORS AND SUB-CONTRACTORS MUST SIGN THE NPDES CERTIFICATION STATEMENT PRIOR TO PERFORMING ANY WORK ON SITE. BY SIGNING THE CERTIFICATION STATEMENT, THE CONTRACTOR AND/OR SUBCONTRACTOR AGREES TO BECOME A CO-PERMITTEE WITH THE OWNER AND OTHER CO-PERMITTEES. AS A CO-PERMITTEE, YOU AND YOUR COMPANY ARE LEGALLY REQUIRED UNDER THE CLEAN WATER ACT AND THE CODE OF IOWA TO ENSURE COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE STORM WATER POLLUTION PREVENTION PLAN DEVELOPED UNDER THE NPDES PERMIT. SIGNIFICANT PENALTIES MAY BE IMPOSED BY THE EPA AND/OR THE IDNR SHOULD A PERMITTEE OR CO-PERMITTEE VIOLATE NPDES PERMIT REQUIREMENTS.



SCALE: 1" = 40' FEET  
(ALWAYS CHECK AGAINST BAR SCALE)



SHRI SHIRDI SAI BABA TEMPLE OF DM-1100 SE 25TH STREET  
GRIMES IOWA

ABACI CONSULTING, INC.  
CIVIL ENGINEERING - LAND SURVEYING  
101 NE CIRCLE DRIVE  
GRIMES, IOWA 50111  
OFFICE: (515) 962-5946

NO: 19015  
REVISION DESCRIPTION:  
1 PER CITY REVIEW # 1  
2 REVISED BUILDING FOOTPRINT  
3  
4

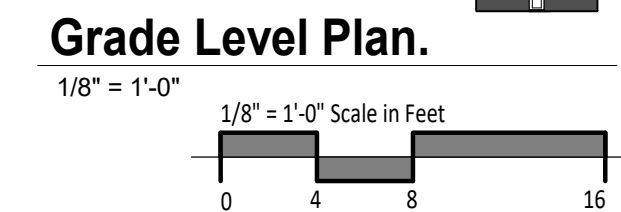
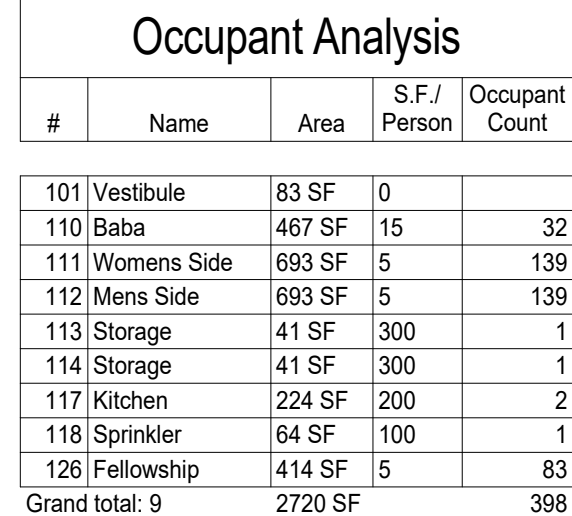
DATE: 05/17/2019  
08/13/2019

PROJECT NO: 19015  
DRAWING FILE NO: 19015CD  
DESIGNED/REVIEWED BY: MCMURPHY  
DRAWN BY: MCMURPHY  
DATE: 04-01-2019

INITIAL EROSION CONTROL PLAN (SWPPP)

SHEET: 11





Shri Shirdi SaiBaba  
Temple of Des Moines  
**Not For Construction**  
1100 SE 25th street | Grimes, Iowa 50111

8/8/2019 5:54:01 AM  
PROJECT NUMBER:  
**1810C**  
TITLE:  
Floor plan  
SHEET:  
**A103**



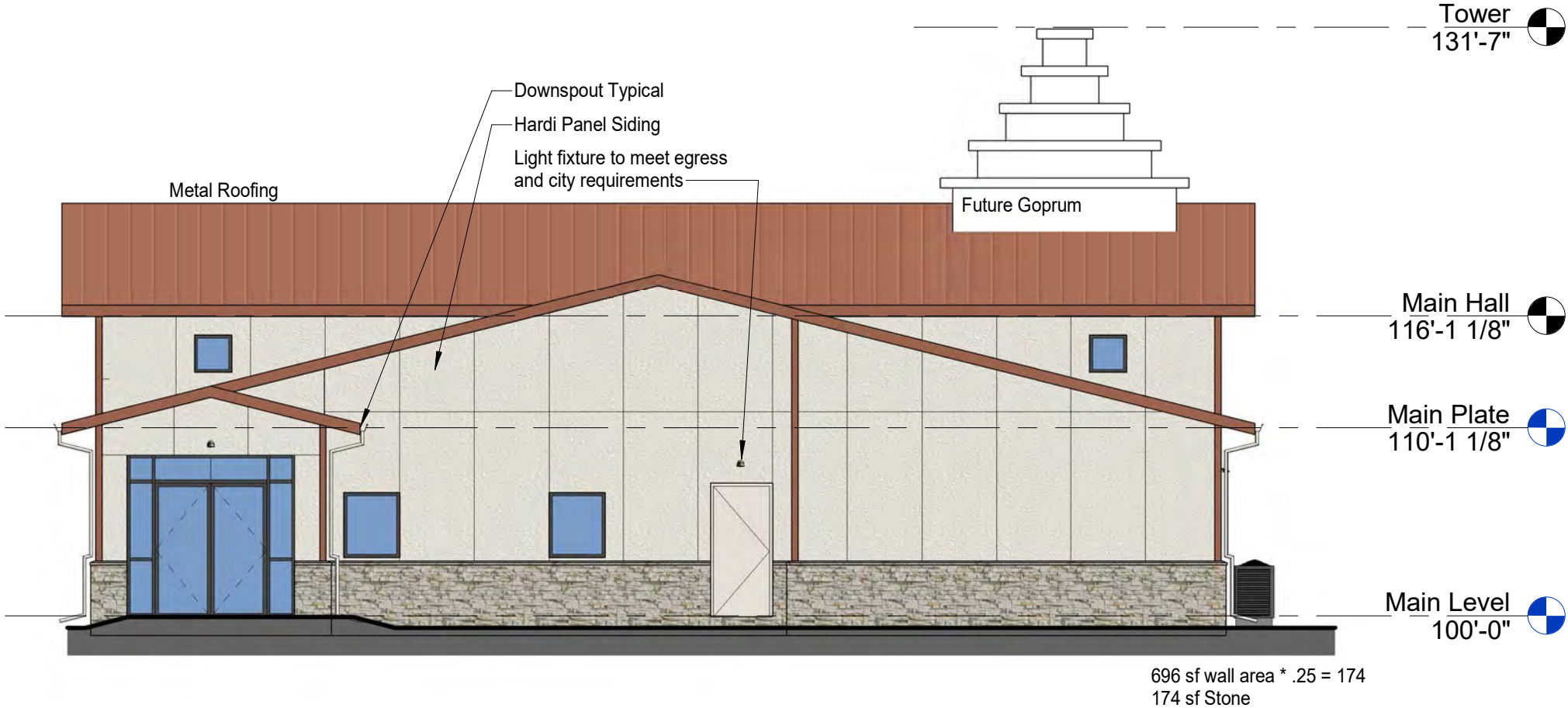
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Roof: Standing Seam Metal  
McElroy Metal: Terra Cotta

Hardie-panel Siding :  
Painted SW7008 Alabaster

Stone base: Centurion Stone  
Austin #14664710

Door and Window frames,  
Anodized Aluminum



Creative Concepts  
Architecture, PLC

103 E Grimes Street | Polk City, Iowa 50226

515 230 1358

matt@creativeconceptsarch.com

Shri Shirdi SaiBaba  
Temple of Des Moines  
**Not For Construction**  
1100 SE 25th street | Grimes, Iowa 50111

8/8/2019 5:54:03 AM

PROJECT NUMBER:  
1810C

TITLE:  
Exterior  
Elevations

SHEET:

A104



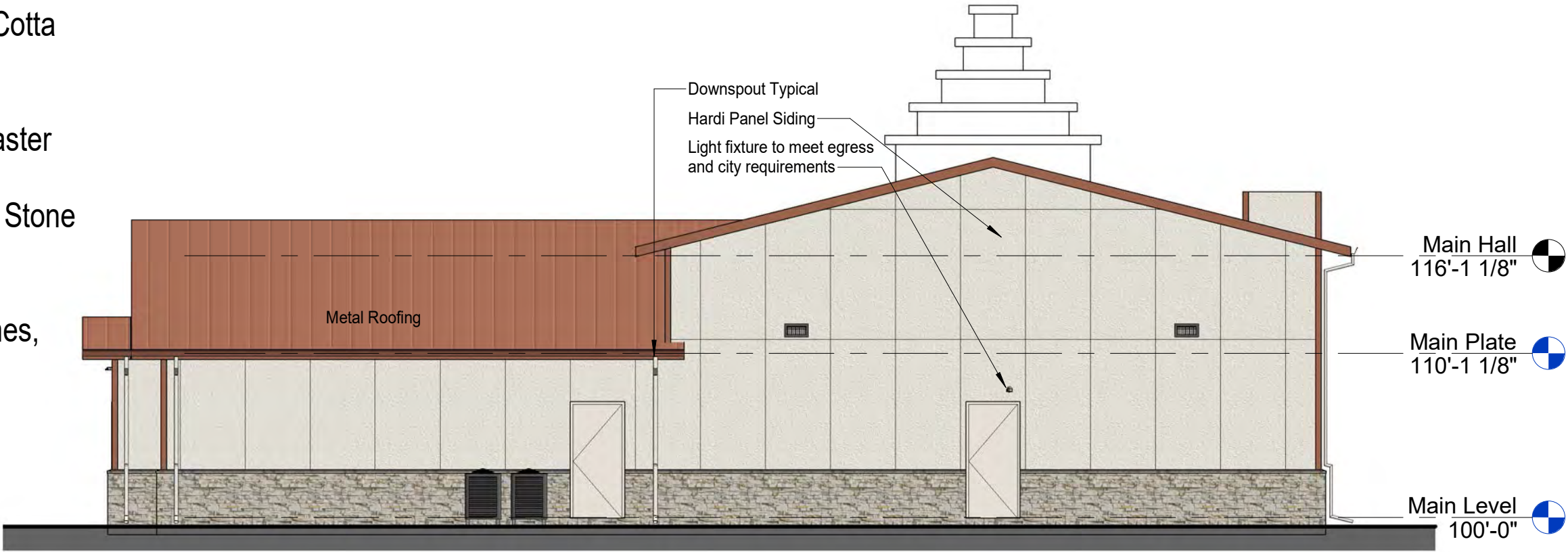
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Roof: Standing Seam Metal  
McElroy Metal: Terra Cotta

Hardie-panel Siding :  
Painted SW7008 Alabaster

Stone base: Centurion Stone  
Austin #14664710

Door and Window frames,  
Anodized Aluminum



1074 sf wall area \* .25 = 269  
269 sf Stone

West



991 sf wall area \* .25 = 248  
248 sf Stone

East



Creative Concepts  
Architecture, PLC

103 E Grimes Street | Polk City, Iowa 50226  
515 230 1358  
matt@creativeconceptsarch.com

Shri Shirdi SaiBaba  
Temple of Des Moines  
**Not For Construction**  
1100 SE 25th street | Grimes, Iowa 50111

8/8/2019 5:54:04 AM

PROJECT NUMBER:  
1810C

TITLE:  
Exterior  
Elevations

SHEET:

A105



# Planning & Zoning Staff Report



TO: Planning and Zoning Commission  
FROM: Alex Pfaltzgraff, Development Services Director  
DATE: August 29, 2019  
RE: Shri Shirdi Sai Baba Temple of Des Moines – Site  
Plan

## GENERAL INFORMATION:

**Applicant:**

SSST Temple of DM

**Requested Action**

Site Plan Approval

**Location**

1100 SE 25<sup>th</sup> Street

## SUPPORTING INFORMATION:



Location Map



Zoning Map

**LAND USES & ZONING:**

| Location     | Existing Land Use | Land Use Plan Designation | Current Zoning |
|--------------|-------------------|---------------------------|----------------|
| Subject Site | Vacant            | Light Industrial          | M-1A           |
| North        | Vacant            | Light Industrial          | M-1A           |
| South        | Light Industrial  | Light Industrial          | M-1A           |
| East         | Vacant            | Light Industrial          | M-1A           |
| West         | Vacant            | Light Industrial          | M-1A           |

**BACKGROUND:**

The subject site is currently a vacant platted lot within the M-Keds Plat 3 subdivision. It was platted and provided with public utilities with the development of the M-Keds subdivision. There are a number of remaining developable commercial lots within this subdivision, with a few site plans approved for construction.

The site is not located within any of the corridor overlay districts.

The applicant, SSST Temple of DM, has requested approval to construct an approximately 2,720 square foot worship facility on the on the 2.39-acre site. The facility will provide for the location of the worship and fellowship opportunities within the organization's community.

The applicant has navigated through the required special use permit process, and was granted a special use permit by the Board of Adjustment in June.

**ANALYSIS:***Building/Elevations:*

The applicant is proposing to construct a 2,720 square foot worship facility on the 2.39 acres site. The building is to be constructed with a stone wainscoting, with hard-panel siding comprising of the remainder of the elevations. A standing seam metal roof is provided for the roof structure.

The building is oriented with the entry to the east. Secondary entrances are shown on the north and south elevation.

*Site Layout:*

The site has access off of a full access point on SE Enterprise Drive, as well as SE 25<sup>th</sup> Street. . A right-in right-out off of E 1<sup>st</sup> Street is shown.

Pedestrian access from the public sidewalk along SE Enterprise Drive is shown. Sidewalk is also shown internally from the parking facility to the building.



A dumpster enclosure, constructed out of material similar to the principal building is provided.

*Parking:*

Based upon the proposed use and analysis completed by staff, 34 spaces are required.

2720 square feet X 2.5 spaces per 1,000 square feet = 13

The site is shown to provide 56 standard spaces are provided along with additional spaces in the future to the north.

*Landscaping/Streetscape:*

The property is required to provide 10% open space. As presented, 56% open space is shown on the site. There is no required landscaping plan, however the site plan indicates that 9 trees and 27 shrubs are to be installed on site.

*Utilities:*

The site's storm water management responsibility is being managed within detention basin, north of the facility.

A new hydrant will be brought onto the site from the existing 8" main adjacent to SE Enterprise Drive. The hydrant will be positioned to provide appropriate hydrant coverage.

Sanitary sewer will be accessed via an existing service connection on the site.

**STAFF RECOMMENDATION:**

Based upon staff's review of the project, we would recommend approval of the proposed site plan for Shri Shirdi Sai Baba Temple of Des Moines Site Plan subject to any remaining staff comments.

**CITY OF GRIMES**



Alex Pfaltzgraff  
Development Services Director



**Development Services**

410 SE Main St, Suite 102

Grimes, IA 50111

(515)986-4050

[www.grimesiowa.gov](http://www.grimesiowa.gov)

~~August 21, 2019~~

**August 29, 2019 UPDATED**

**Civil Design Advantage**

Attn: Erin Ollendike, P.E.

3405 SE Crossroad Drive, Suite G

Grimes, IA 50111

**RE: 1884 SE Destination Drive**

Dear Project Contact:

The Development Services Department is in receipt of a proposed Site Plan for the 1884 SE Destination Drive. Based on the review of the provided submittal materials, staff have the following comments:

**General Comments:**

- ~~1. Please identify the square footage of each building individually, and associated minimum parking requirements.~~
- ~~2. Please note that signage is approved under separate cover.~~
- ~~3. Please include the architectural elevations as part of the site plan (last sheet)~~
- ~~4. Note that the sidewalk along SE Destination is to be installed at later date, or upon notice by the City of Grimes. Upon notice, the sidewalk must be installed within 30 days.~~
- ~~5. Please provide a project schedule.~~
- ~~6. Please note that a KNOX box is required and is to be purchased from the KNOX Company. Please note the location near the front door. Final location will be determined and approved during the pre-construction meeting.~~
7. Staff questions if any parking lot lighting is proposed. If so, please provide cut sheets and photometrics.

**Sheet C2.0**



- ~~8. Please extend the future walk west of the future building to the public sidewalk along the south property line. This can be in lieu of the future walk on SE Destination.~~
- ~~9. Please note that the minimum pavement depth for the sidewalk through the drive shall be 6"~~
- ~~10. Staff questions note #20 which indicates that no dumpsters/enclosures are proposed and that trash will be handled internally. The site however demonstrates that 2 enclosures are provided. Please revise or remove note.~~
- ~~11. Staff encourages the dumpster enclosures to be sized to handle recycling as well (tote or dumpster)~~
- ~~12. Staff would suggest modifying all curb radii to 15 feet to allow for easier navigation throughout the site.~~
- ~~13. Please show and provide for an ingress/egress easement through the site, for the future adjoining access point.~~
- ~~14. Please shift the handicap parking spaces for the north building one stall set over, so the access ramp lines up with the future sidewalk to the south. Please do the same for the stalls on the south building, 3 stall sets over.~~
- ~~15. Please provide curb ramps at all internal crossing points.~~
- ~~16. A fire lane meeting the requirements of Section 511 of the City of Grimes Fire Code shall be created along the north side of the building.~~

### **Sheet C3.0**

- ~~17. Please identify the grade contour south of the property building (low point).~~
- ~~18. Please identify the overtop elevation for the underground system, and flow path if in an overtop situation.~~
- ~~19. Please identify the cross slope through the driveway at SE Destination Drive.~~
- ~~20. Please provide a few spot elevations at the property lines.~~

### **Sheet C5.0**

- ~~21. Please provide a hydrant layout and coverage plan that is compliance with Section 507.5.1 of the City of Grimes Fire Code. This requires hydrant coverage along an~~

- approved route (150 feet) around the building. This will likely require a hydrant extension into the NE corner of the site.
22. Please identify the location of the FDC. Note that the FDC shall be within 100 feet of an available hydrant. The FDC must have an access path and not be blocked by any parking. It may be wise to demonstrate an FDC on the future building to ensure that no additional site utilities are necessary once Phase 2 is requested.
23. Please revise the fire service line to 6".
24. Staff questions the sanitary sewer transition from 8" to 6". It is anticipated that this transition occurs within the clean out? If so, please provide a detail for the clean out/tee
25. Please identify a critical crossing elevation for the hydrant assembly that is adjacent to the 6" sanitary sewer service.
26. Please note that only 1 meter (city read) will be permitted for each building. Private sub-meters for individual tenants may be arranged for by the property owner. Note that these sub-meters will not be read by the City.

## Architecture

27. Please provide the material percentages for elevation. Note that a minimum of 75% masonry (excluding glazing) along the south and east elevations is required. **Please adjust to 75%. If brick is provided under the canopies, this would count. Provide a note on the plans to reflect.**
28. Please provide the minimum glazing percentage for the south and east elevations. Note that a minimum of 20% glazing is required along these elevations. **Please modify the east elevation to at least 20% glazing.**
29. Please note that the architectural drawings should indicate the minimum 5 "factors" used in the elevations. These factors can be found in 165A. **Staff does not see theses noted on the plans.**
30. Please provide the deck height, and proposed height of any roof mounted mechanical units. All units shall be screened from view.
31. Please provide architectural up-lighting on the building elevations that face the public ROW. Cut sheets should be included for review.
32. Please provide details and material call outs for the dumpster enclosures.

~~33. Please provide material samples at the P&Z meeting.~~

**SWMP Comments coming later.**

34. Please correct the report to state HSG B was used, under assumptions.

35. Please eliminate blank pages in report.

36. Please provide sizing calculations indicating conveyance of 100-year flows through onsite sewer to the storm chambers.

37. Please provide WQv calculations, along with supporting calculations showing storage volumes in isolator rows.

38. Please update site plan to match ADS plans that are in the SWMP. Both isolator rows will need to be constructed for WQv treatment from private storm sewers.

39. Please provide a detail on the plans matching the 4" outlet control in the SWMP model.

40. Please submit a SWPPP for review.

**Please provide a letter addressing all comments on this comment letter and/or state what was modified on the site plan to address said comments.**

**SITE PLAN SUBMITTAL SCHEDULE:**

**SUBMITTAL DATE:**                      **August 27, 2019**  
**(1 PDF of Site plan with Elevation Plan included)**

**PLANNING & ZONING:**              **September 3, 2019** at 5:30 at the Grimes City Hall

**COUNCIL MEETING:**                **September 10, 2019** at 5:30 at the Grimes City Hall

Please feel free to contact me at [apfaltzgraff@grimesiowa.gov](mailto:apfaltzgraff@grimesiowa.gov) or at (515) 986-4050 if you have any questions or need additional information.

Sincerely,



Alex Pfaltzgraff



Development Services Director



101 NE Harvey, Grimes, Iowa 50111  
515.986.3036 Fax 515.986.3846

## AGENDA MEMO

For Meeting of September 10, 2019

### **AGENDA HEADING:**

Approval of Site Plan for 1884 SE Destination Drive

### **SYNOPSIS:**

The subject site is currently a vacant platted lot within the Princeton Subdivision Plat 1 subdivision. It was platted and provided with public utilities with the development of the Princeton development, located north of SE 19th Street.

This site is located within Zone 2 of the HWY 141 Corridor Overlay.

The applicant, JW Commercial Holdings has requested approval to construct an approximately 12,000 square foot single story flex retail building, with a second phase of a 6,000 square foot building located to the south. The improvements for the second phase are being constructed today, with the exception of the utility connects a portion of the parking.

### **FISCAL IMPACT:**

N/A

### **PREVIOUS COUNCIL ACTION(S):**

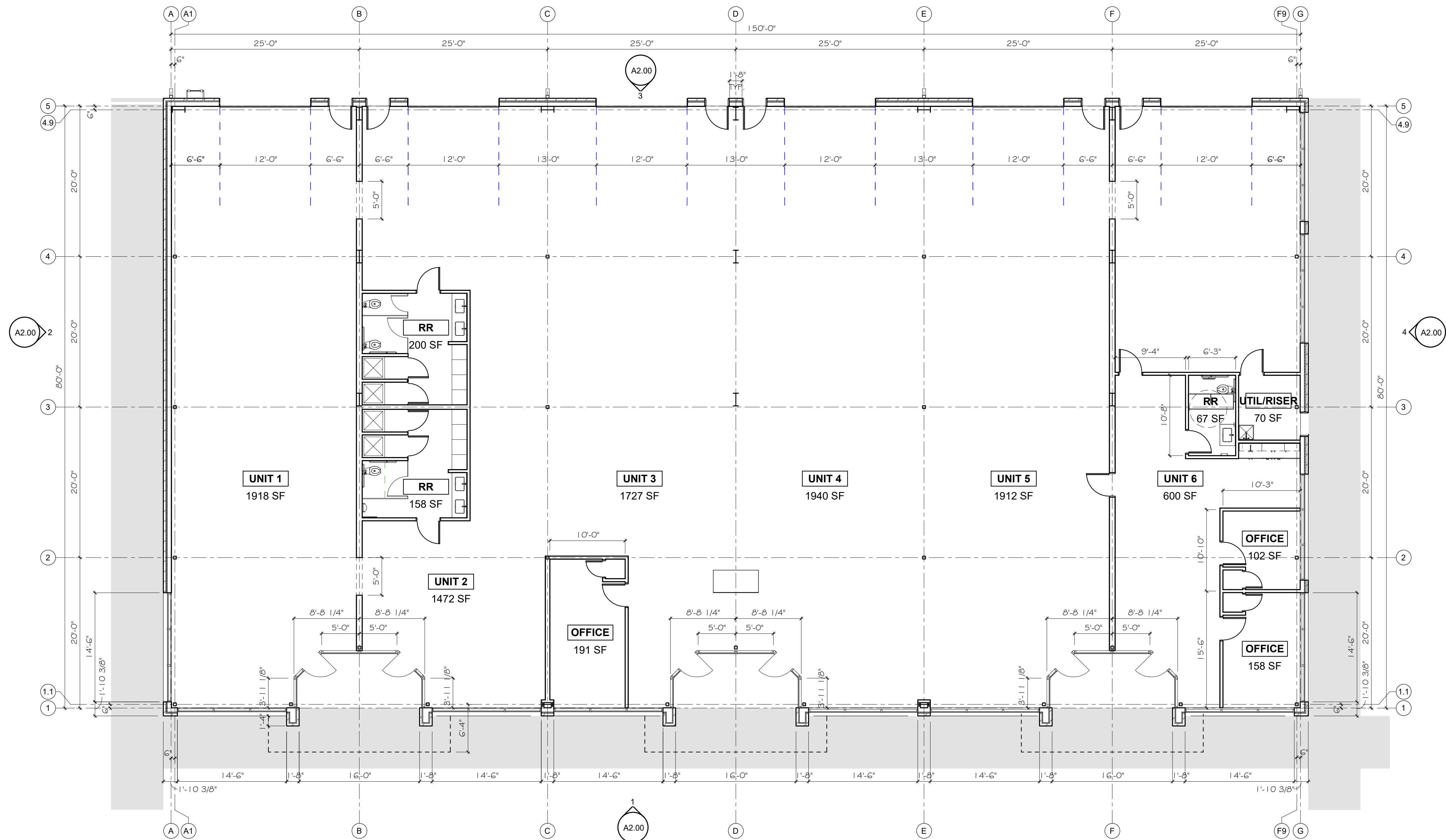
Approve Princeton Subdivision Plat 1

### **BOARD/COMMISSION ACTION(S):**

Recommendation of Approval – Planning and Zoning Commission, 9/3/2019

### **STAFF/COMMITTEE RECOMMENDATION:**

Staff would recommend approval of the 1884 SE Destination Drive Site Plan, subject to any remaining staff comments.



1 FLOOR PLAN  
1/8" = 1'-0"

12,380 SF

# PRINCETON SUBDIVISION (LOT 7)

NW 62nd AVENUE - GRIMES, IOWA



TITLE  
FLOOR PLAN

PROJECT NUMBER  
0191220.00

DATE

REVISIONS



## A1.01



MATERIAL LEGEND & INFORMATION



FACE BRICK  
color: dark grey  
w/ light grey mortar



KLAY COAT BRICK  
color: light gray



METAL PANEL  
color: medium dark grey

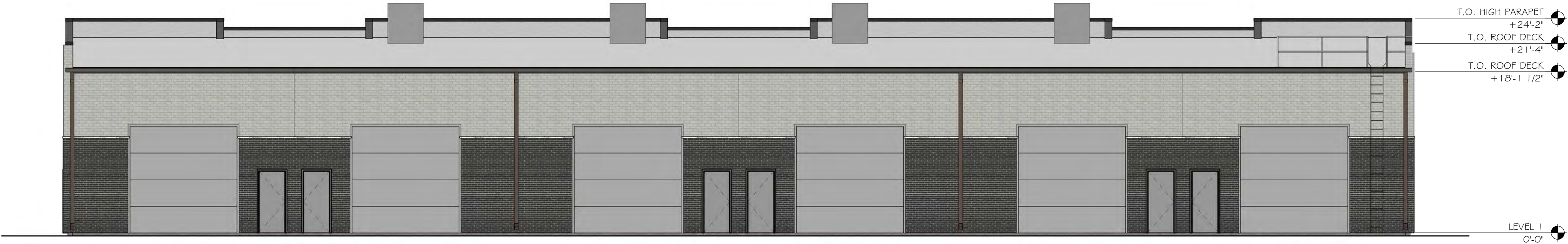


METAL BAND & COPING  
color: dark grey

| ELEVATION MATERIAL SQUARE FOOTAGES: |          |                         |
|-------------------------------------|----------|-------------------------|
| <strong>SOUTH ELEVATION:</strong>   |          |                         |
| TOTAL SF:                           | 3,592 SF |                         |
| MASONRY:                            | 1,959 SF | 75% (EXCLUDING GLAZING) |
| METAL PANELS:                       | 636 SF   | 18%                     |
| GLAZING:                            | 997 SF   | 28%                     |
| <strong>EAST ELEVATION:</strong>    |          |                         |
| TOTAL SF:                           | 1,907 SF |                         |
| MASONRY:                            | 1,307 SF | 85% (EXCLUDING GLAZING) |
| METAL PANELS:                       | 202 SF   | 11%                     |
| GLAZING:                            | 374 SF   | 20%                     |

GENERAL NOTES:

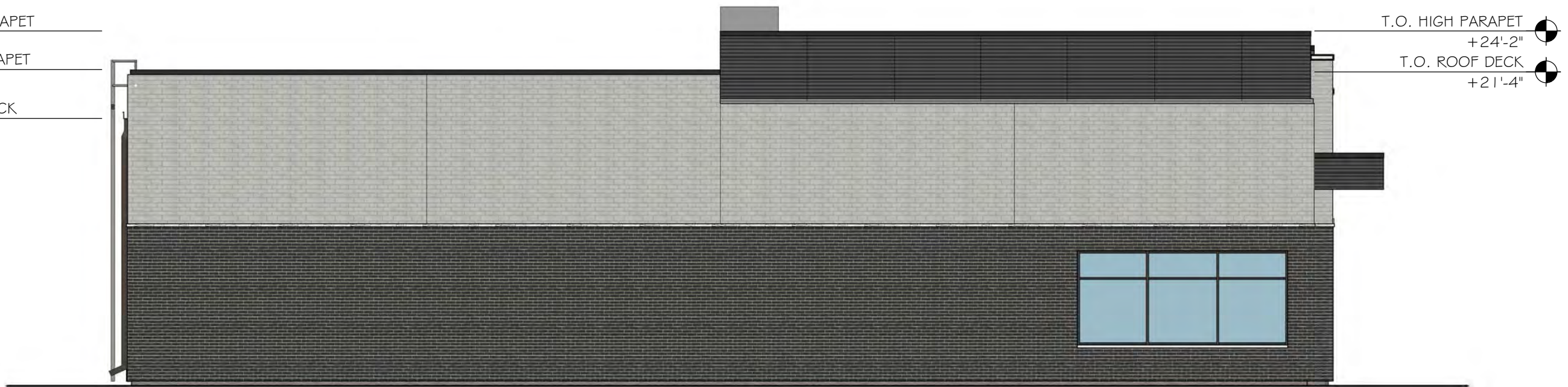
- EXACT LOCATION FOR FOR "KNOX BOXES" IN FRONT OF EACH ENTRANCE TO BE DETERMINED BY OWNER.
- MECHANICAL ROOFTOP UNITS ARE 4'-0"L x 4'-0"W x 4'-6"H ON 10" CURB. PROPER SCREENING TO BE DETERMINED AT LATER DATE.



③ NORTH ELEVATION  
1/8" = 1'-0"

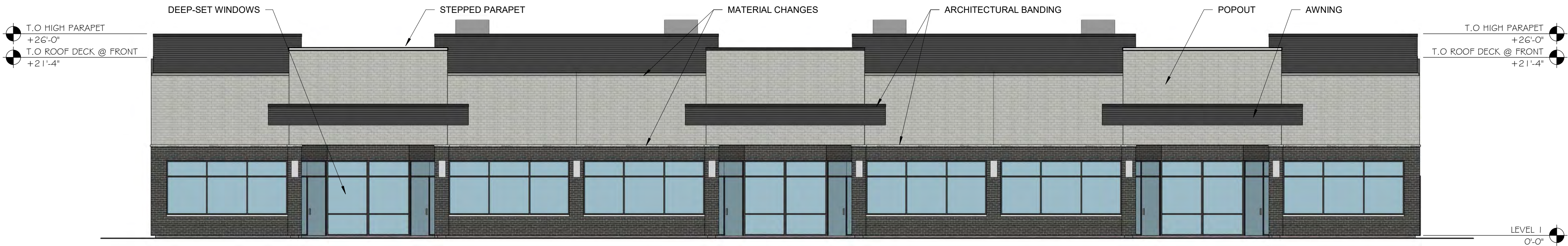


④ EAST ELEVATION  
1/8" = 1'-0"



② WEST ELEVATION  
1/8" = 1'-0"

- BUILDING FACTORS:**
- POPOUTS
  - MATERIAL CHANGE
  - ARCHITECTURAL BANDING
  - AWNINGS
  - STEPPED PARAPET
  - DEEP-SET WINDOWS



① SOUTH ELEVATION  
1/8" = 1'-0"

BRICK VENEER / METAL PANEL (or NICHIBA PANEL)



is now...  
Farnsworth Group, Inc.  
Design Alliance Inc.  
14225 University  
Suite 110  
Waukegan, Iowa  
50263

TEL 515.225.3469  
FAX 515.225.9649  
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PROGRESS PRINT  
NOT FOR CONSTRUCTION  
08/31/2019

PRINCETON SUBDIVISION (LOT 7)

NW 62nd AVENUE - GRIMES, IOWA



TITLE  
EXTERIOR  
ELEVATIONS

PROJECT NUMBER  
0191220.00

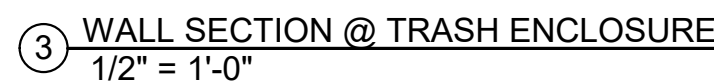
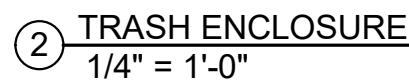
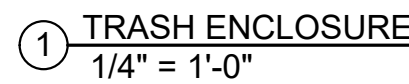
DATE

REVISIONS



A2.00





## NW 62nd AVENUE - GRIMES, IOWA



## A3.03







SITE PLAN FOR:

# LOT 7, PRINCETON SUBDIVISION, PLAT 1

## GRIMES, IOWA

### VICINITY MAP

NOT TO SCALE



### OWNER

NEWARK LAND TRUST LC  
POB 373  
JOHNSTON, IA 50131

### APPLICANT

JM COMMERCIAL HOLDINGS, LLC  
CONTACT: MATTHEW GUSTAFSON  
1050 SE OLSON DRIVE, SUITE I  
WAUKEE, IOWA 50266

### ENGINEER

CIVIL DESIGN ADVANTAGE, LLC  
CONTACT: ERIN OLLENDIKE  
3405 SE CROSSROADS DRIVE, SUITE G  
GRIMES, IOWA 50111  
PH. (515) 369-4400  
FX. (515) 369-4410

### SURVEYOR

CIVIL DESIGN ADVANTAGE, LLC  
CONTACT: MIKE BROONER  
3405 SE CROSSROADS DRIVE, SUITE G  
GRIMES, IOWA 50111  
PH. (515) 369-4400  
FX. (515) 369-4410

### ARCHITECT

DESIGN ALLIANCE INC.  
14225 UNIVERSITY AVE., SUITE 110  
WAUKEE, IOWA 50263  
PH. (515) 225-3469  
FX. (515) 225-9649

### SUBMITTAL DATES

-SITE PLAN SUBMITTAL TO CITY #1: 08/07/19  
-SITE PLAN SUBMITTAL TO CITY #2: 08/27/19

### LEGAL DESCRIPTION

LOT 7, PRINCETON SUBDIVISION PLAT 1, AN OFFICIAL PLAT,  
CITY OF GRIMES, POLK COUNTY, IOWA.  
CONTAINING 1.77 ACRES

### ADDRESS

1884 SE DESTINATION DRIVE

### PROPOSED USE

MIXED USE DEVELOPMENT

### ZONING

M1-A COMMERCIAL LIMITED LIGHT INDUSTRIAL  
DISTRICT: TRANSPORTATION OVERLAY

PROPERTY IS ALSO WITHIN ZONE 2 OF THE HIGHWAY 141  
MIXED USE DEVELOPMENT CORRIDOR DISTRICT

### DEVELOPMENT SUMMARY

**SITE AREA:** 1.77 ACRES (77,314 SF)

**SETBACKS:**  
FRONT: 25'  
SIDE: 0'  
REAR: 25'

**OPEN SPACE REQUIRED:** 7,731 SF (10%)

**OPEN SPACE PROVIDED:** 17,541 SF (23%)

**IMPERVIOUS AREAS**  
BUILDING: 18,000 SF  
PARKING LOT: 37,623 SF  
SIDEWALKS: 4,150 SF  
TOTAL: 59,773 SF (77%)

**PARKING:**  
FLEX COMMERCIAL/RETAIL  
1 SPACE PER 250 SF OF GROSS FLOOR AREA

BUILDING #1: 12,000 SF  
TOTAL REQUIRED: 48  
TOTAL PROVIDED: 48

BUILDING #2: 6,000 SF  
TOTAL REQUIRED: 24  
TOTAL PROVIDED: 7 (PHASE 1)  
17 (FUTURE)

TOTAL REQUIRED = 72 SPACES  
TOTAL PROVIDED = 72 SPACES

ACCESSIBLE SPACES REQUIRED = 4 SPACES  
ACCESSIBLE SPACES PROVIDED = 4 SPACES

### DATE OF SURVEY

JULY 26, 2019

### BENCHMARKS

ARROW ON HYDRANT @ NW CORNER OF SE  
DESTINATION DR AND NW 62ND AVE.  
ELEVATION=963.76

PK NAIL IN CURB WEST SIDE OF KUM & GO 10'  
+/- SOUTHWEST OF TRASH ENCLOSURE.  
PRINCETON AND NW 62ND AVE.  
ELEVATION=956.63

### PROJECT SCHEDULE

GRADING: SEPT. 2019  
UTILITIES: OCT. 2019  
PAVING: OCT.-NOV. 2019  
BUILDING CONSTRUCTION: SEPT.-DEC. 2019

### INDEX OF SHEETS

| NO. | DESCRIPTION                                 |
|-----|---------------------------------------------|
| 1.0 | COVER SHEET                                 |
| 2.0 | DIMENSION PLAN                              |
| 3.0 | GRADING PLAN                                |
| 4.0 | EROSION AND SEDIMENT CONTROL PLAN           |
| 5.0 | UTILITY PLAN                                |
| 6.0 | LANDSCAPE PLAN                              |
| 7.0 | DETAILS                                     |
| 1-6 | ADS - UNDERGROUND DETENTION DETAILS         |
| A1  | BUILDING ELEVATIONS (DESIGN ALLIANCE, INC.) |



### UTILITY WARNING

ANY UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD  
SURVEY AND RECORDS OBTAINED BY THIS SURVEYOR. THE  
SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES  
SHOWN COMPRISE ALL THE UTILITIES IN THE AREA, EITHER  
IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER  
DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN  
THE EXACT LOCATION SHOWN.



### GENERAL LEGEND

#### PROPOSED

|                              |             |
|------------------------------|-------------|
| PROJECT BOUNDARY             | ---         |
| LOT LINE                     | ---         |
| SECTION LINE                 | ---         |
| CENTER LINE                  | ---         |
| RIGHT OF WAY                 | --- R/W --- |
| PERMANENT EASEMENT           | --- P/E --- |
| TEMPORARY EASEMENT           | --- T/E --- |
| TYPE SW-501 STORM INTAKE     | [Symbol]    |
| TYPE SW-503 STORM INTAKE     | [Symbol]    |
| TYPE SW-505 STORM INTAKE     | [Symbol]    |
| TYPE SW-506 STORM INTAKE     | [Symbol]    |
| TYPE SW-513 STORM INTAKE     | [Symbol]    |
| TYPE SW-401 STORM MANHOLE    | [Symbol]    |
| TYPE SW-402 STORM MANHOLE    | [Symbol]    |
| TYPE SW-301 SANITARY MANHOLE | [Symbol]    |
| STORM/SANITARY CLEANOUT      | [Symbol]    |
| WATER VALVE                  | [Symbol]    |
| FIRE HYDRANT ASSEMBLY        | [Symbol]    |
| SIGN                         | [Symbol]    |
| DETECTABLE WARNING PANEL     | [Symbol]    |
| STORM SEWER STRUCTURE NO.    | [Symbol]    |
| STORM SEWER PIPE NO.         | [Symbol]    |
| SANITARY SEWER STRUCTURE NO. | [Symbol]    |
| SANITARY SEWER PIPE NO.      | [Symbol]    |
| SANITARY SEWER WITH SIZE     | 8"S         |
| SANITARY SERVICE             | S-S-S       |
| STORM SEWER                  | ST-ST       |
| STORM SERVICE                | ST-ST       |
| WATERMAIN WITH SIZE          | 8"W         |
| WATER SERVICE                | W-W         |
| SAWCUT (FULL DEPTH)          | [Symbol]    |
| SILT FENCE                   | [Symbol]    |

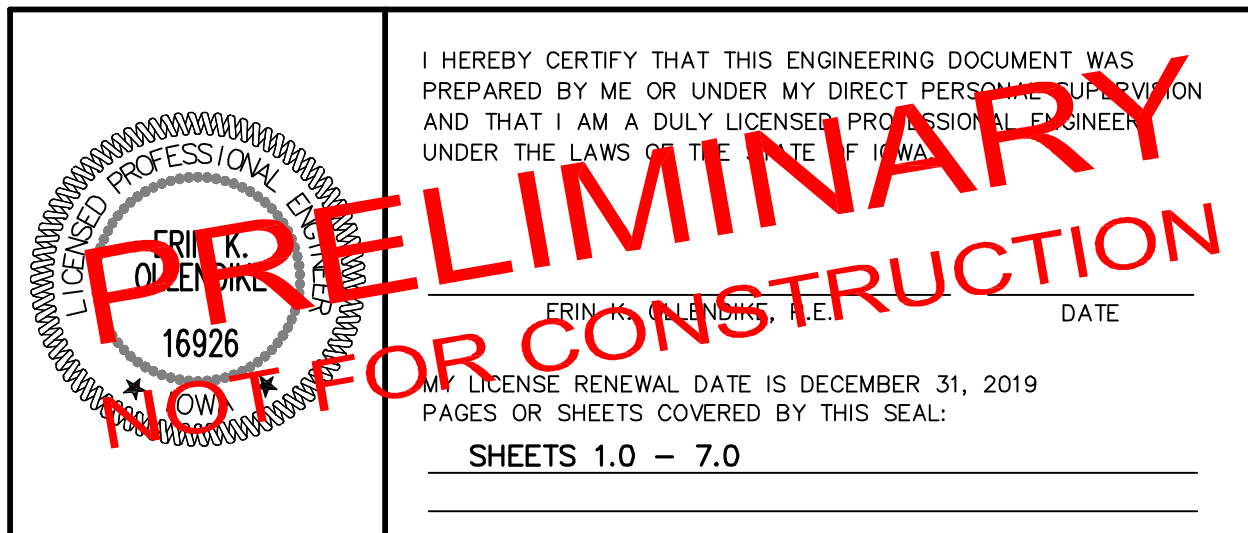
#### EXISTING

|                           |          |
|---------------------------|----------|
| SANITARY MANHOLE          | [Symbol] |
| WATER VALVE BOX           | [Symbol] |
| FIRE HYDRANT              | [Symbol] |
| WATER CURB STOP           | [Symbol] |
| WELL                      | [Symbol] |
| STORM SEWER MANHOLE       | [Symbol] |
| STORM SEWER SINGLE INTAKE | [Symbol] |
| STORM SEWER DOUBLE INTAKE | [Symbol] |
| FLARED END SECTION        | [Symbol] |
| ROOF DRAIN/ DOWNSPOUT     | [Symbol] |
| DECIDUOUS TREE            | [Symbol] |
| CONIFEROUS TREE           | [Symbol] |
| DECIDUOUS SHRUB           | [Symbol] |
| CONIFEROUS SHRUB          | [Symbol] |
| ELECTRIC POWER POLE       | [Symbol] |
| GUY ANCHOR                | [Symbol] |
| STREET LIGHT              | [Symbol] |
| POWER POLE W/ TRANSFORMER | [Symbol] |
| UTILITY POLE W/ LIGHT     | [Symbol] |
| ELECTRIC BOX              | [Symbol] |
| ELECTRIC TRANSFORMER      | [Symbol] |
| ELECTRIC MANHOLE OR VAULT | [Symbol] |
| TRAFFIC SIGN              | [Symbol] |
| TELEPHONE JUNCTION BOX    | [Symbol] |
| TELEPHONE MANHOLE/VAULT   | [Symbol] |
| TELEPHONE POLE            | [Symbol] |
| GAS VALVE BOX             | [Symbol] |
| CABLE TV JUNCTION BOX     | [Symbol] |
| CABLE TV MANHOLE/VAULT    | [Symbol] |
| MAIL BOX                  | [Symbol] |
| BENCHMARK                 | [Symbol] |
| SOIL BORING               | [Symbol] |
| UNDERGROUND TV CABLE      | TV       |
| GAS MAIN                  | G        |
| FIBER OPTIC               | FO       |
| UNDERGROUND TELEPHONE     | T        |
| OVERHEAD ELECTRIC         | OE       |
| UNDERGROUND ELECTRIC      | E        |
| FIELD TILE                | TILE     |
| SANITARY SEWER W/ SIZE    | 8"S      |
| STORM SEWER W/ SIZE       | 15" RCP  |
| WATER MAIN W/ SIZE        | 8"W      |

THE PROJECT REQUIRES AN IOWA NPDES PERMIT #2 AND CITY OF GRIMES  
GRADING PERMIT. CIVIL DESIGN ADVANTAGE WILL PROVIDE THE PERMITS AND THE  
INITIAL STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE  
CONTRACTORS USE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE  
RESPONSIBLE FOR UPDATING THE SWPPP THROUGHOUT CONSTRUCTION AND  
MEETING LOCAL, STATE AND FEDERAL REQUIREMENTS.

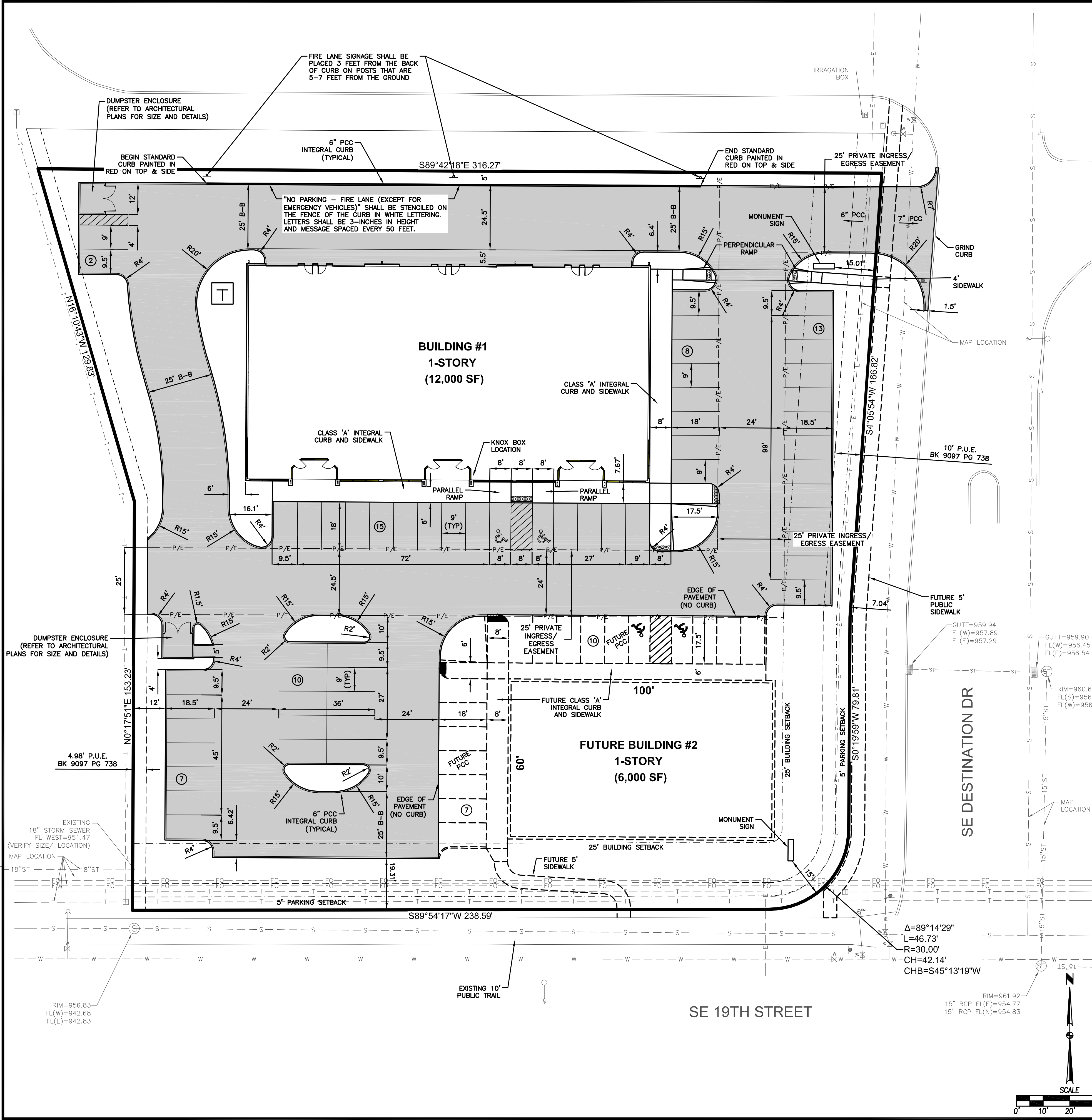
ALL CONSTRUCTION MATERIALS, DUMPSTERS, DETACHED TRAILERS OR SIMILAR  
ITEMS ARE PROHIBITED ON PUBLIC STREETS OR WITHIN THE PUBLIC R.O.W.

THE MOST RECENT EDITION OF THE SUDAS STANDARD SPECIFICATIONS, THE  
PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) AND ALL CITY  
SUPPLEMENTALS, IF APPLICABLE, SHALL APPLY TO ALL WORK ON THIS PROJECT  
UNLESS OTHERWISE NOTED.





FILE: H:\2019\1906287\1906287-1 SITE.DWG  
DATE: 8/27/2019 2:25 PM  
DRAWN BY: JAE  
CHECKED BY: JAE  
DESIGNED BY: JAE



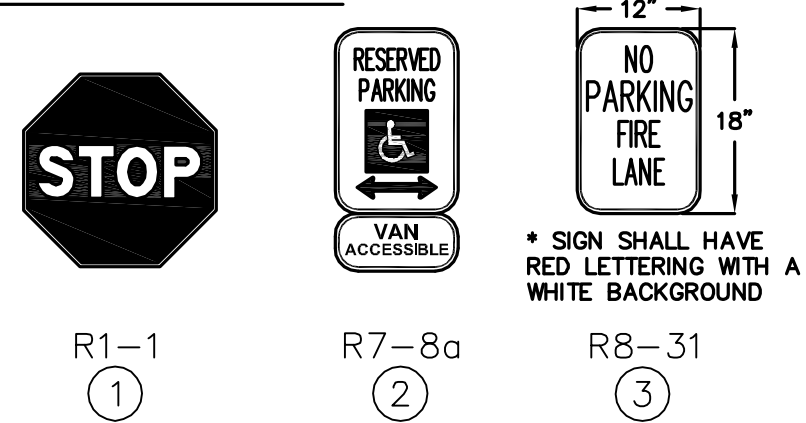
## GENERAL NOTES

1. THE MOST RECENT EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTALS, IF APPLICABLE, SHALL APPLY TO ALL WORK ON THIS PROJECT UNLESS OTHERWISE NOTED.
2. ALL WORK SHALL COMPLY WITH ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES.
3. ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
4. PRIOR TO ANY WORK AT THE SITE, CONTRACTOR SHALL EXAMINE ANY APPLICABLE DRAWINGS AVAILABLE FROM THE OWNER, ENGINEER, AND/OR ARCHITECT, AND CONSULT WITH OWNER'S PERSONNEL AND UTILITY COMPANY REPRESENTATIVES. NO COMPENSATION WILL BE ALLOWED FOR DAMAGE FROM FAILURE TO COMPLY WITH THIS REQUIREMENT.
5. ONE WEEK PRIOR TO CONSTRUCTION WITHIN CITY R.O.W. OR ANY CONNECTION TO PUBLIC SEWERS CONTRACTOR SHALL NOTIFY THE CITY'S CONSTRUCTION DIVISION.
6. ALL CONSTRUCTION WITHIN PUBLIC R.O.W./ EASEMENTS, AND/OR ANY CONNECTION TO PUBLIC SEWERS AND STREETS, SHALL COMPLY WITH THE CITY'S STANDARDS.
7. ALL DIMENSIONS ARE TO BACK OF CURB, BUILDING FACE OR PROPERTY LINE UNLESS OTHERWISE NOTED.
8. CONTRACTOR TO VERIFY BUILDING DIMENSIONS WITH ARCHITECTURAL PLANS.
9. PLACE 3/4 INCH EXPANSION JOINT BETWEEN ALL P.C.C. PAVEMENT/SIDEWALKS AND BUILDING. PLACE 1/2 INCH EXPANSION JOINT BETWEEN SIDEWALKS AND P.C.C. PAVEMENT.
10. REMOVE ALL DEBRIS SPILLED INTO R.O.W. AT THE END OF EACH WORK DAY.
11. ALL PROPERTY PINS SHALL BE PROTECTED FROM GRADING OR OTHER OPERATIONS. ANY PINS DISTURBED SHALL BE RESET AT THE CONTRACTOR'S EXPENSE.
12. DO NOT STORE CONSTRUCTION MATERIALS AND EQUIPMENT IN THE RIGHT OF WAY.
13. THE CONTRACTOR SHALL NOT DISTURB DESIRABLE GRASS AREAS AND DESIRABLE TREES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR WILL NOT BE PERMITTED TO PARK OR SERVICE VEHICLES AND EQUIPMENT OR USE THESE AREAS FOR STORAGE OF MATERIALS. STORAGE, PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE OWNER.
14. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY AREAS OF PAVEMENT OR SIDEWALK NOT TO BE REMOVED THAT IS DAMAGED DUE TO OPERATING EQUIPMENT ON THE PAVEMENT OR SIDEWALK.
15. THE CONTRACTOR MAY BE REQUIRED TO PLACE TEMPORARY WARNING DEVICES AND SAFETY FENCE AT CERTAIN LOCATIONS WHERE REPLACEMENT FEATURES ARE NOT INSTALLED THE SAME DAY, AS DIRECTED BY THE ENGINEER OR THE CITY.
16. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF WORK BETWEEN SUPPLIERS AND SUBCONTRACTORS INVOLVED IN THE PROJECT, INCLUDING STAGING OF CONSTRUCTION DETAILS.
17. CONCRETE REMOVAL FOR DRIVEWAY APPROACHES SHALL BE REMOVED TO THE NEAREST TRANSVERSE JOINT. CONTRACTOR SHALL VERIFY REMOVAL LIMITS WITH CITY'S CONSTRUCTION INSPECTOR PRIOR TO ANY CONCRETE REMOVAL.
18. ALL SCOUR STOP SHALL BE INSTALLED BY A CERTIFIED CONTRACTOR ACCORDING TO SCOUR STOP PRODUCT SPECIFICATIONS.
19. ALL PERMITS AND ADDITIONAL FEES REQUIRED TO COMPLETE THE WORK SHALL BE INCLUDED IN THE CONTRACTOR BID.
20. MONUMENT SIGNAGE WILL REQUIRE A SEPARATE PERMIT AND APPROVAL PROCESS.
21. THE SIDEWALK ALONG SE DESTINATION DRIVE SHALL BE INSTALLED AT A LATER DATE OR UPON NOTICE GIVEN BY THE CITY OF GRIMES. ONCE NOTICE IS GIVEN THE OWNER OF THE PROPERTY WILL HAVE 30 DAYS TO INSTALL THE SIDEWALK. SHOULD NOTICE BE GIVEN DURING THE WINTER SEASON THE OWNER AND CITY SHALL DETERMINE A SUITABLE DEADLINE DURING THE TYPICAL CONSTRUCTION SEASON.
22. A KNOX BOX WILL BE REQUIRED AND SHALL BE PURCHASED FROM THE KNOX COMPANY.

## PAVEMENT THICKNESS

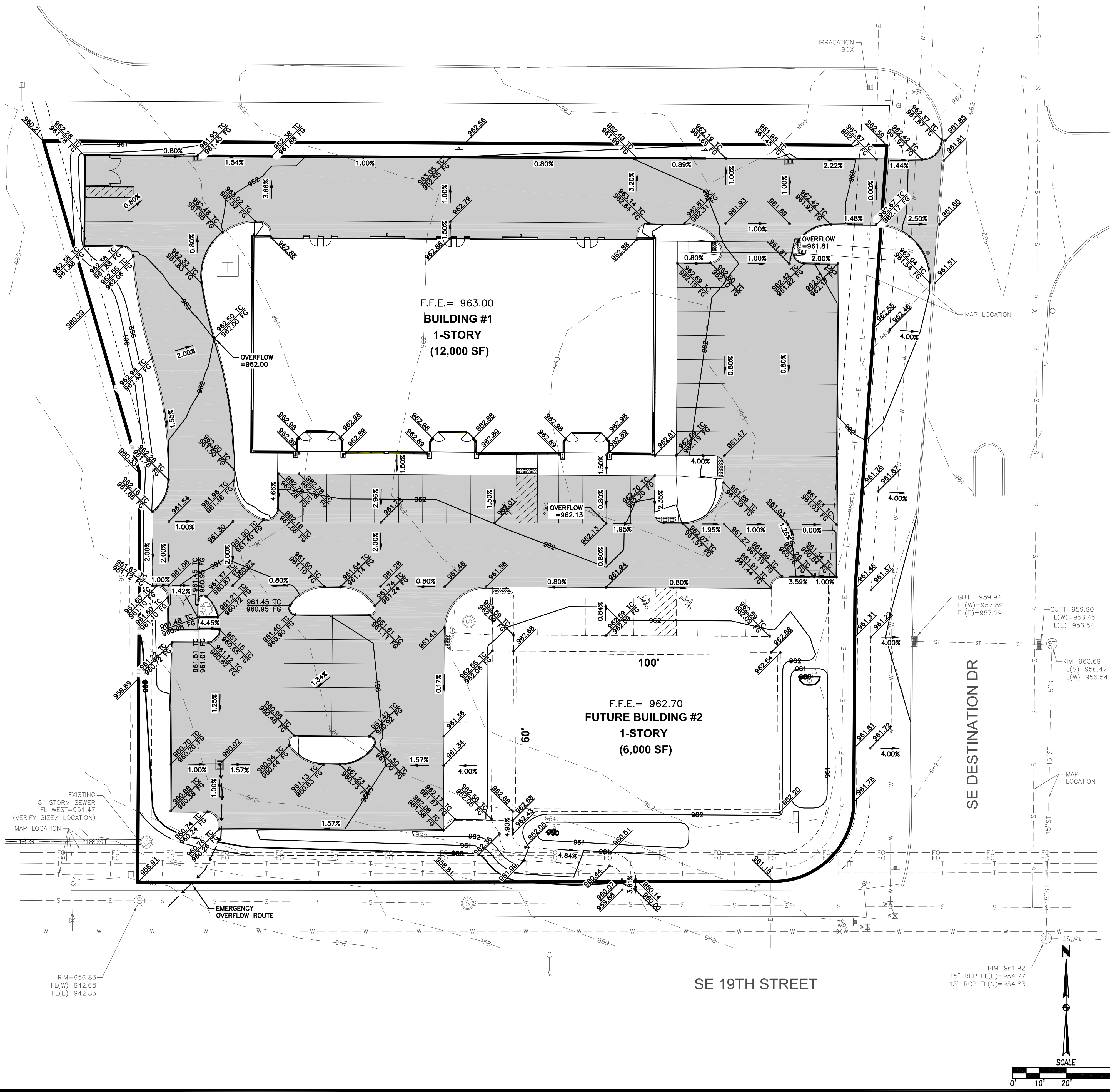
|                                                              |           |
|--------------------------------------------------------------|-----------|
| 1. SIDEWALKS                                                 | 4" P.C.C. |
| 2. PRIVATE ACCESS DRIVES                                     | 6" P.C.C. |
| 3. DRIVES WITHIN ROW                                         | 7" P.C.C. |
| 4. PARKING SPACES                                            | 6" P.C.C. |
| 5. DUMPSTER ENCLOSURE & FRONT 20'                            | 8" P.C.C. |
| 6. MINIMUM PAVEMENT DEPTH OF SIDEWALK THROUGH ENTRANCE DRIVE | 6" P.C.C. |

## SIGN LEGEND



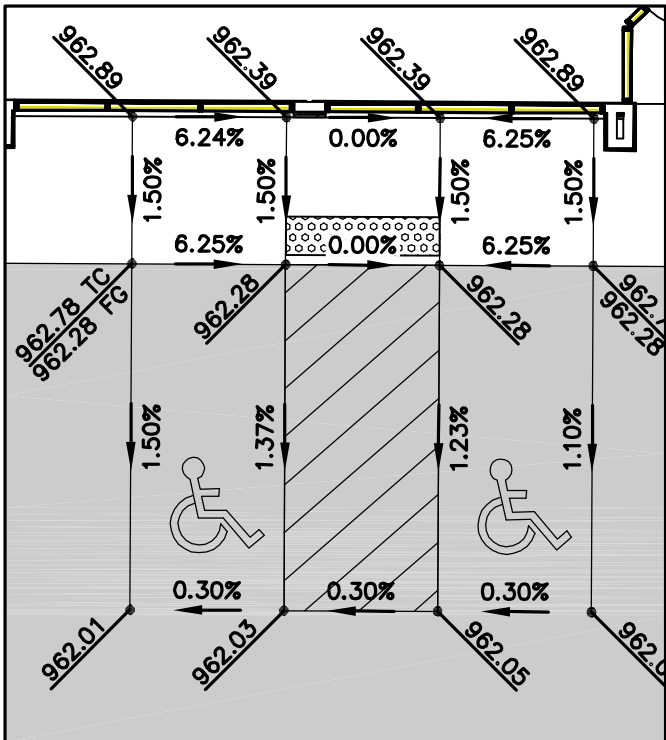


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PLOTTER: HP PLOTTER  
PLOT BY: GAE HEROLD

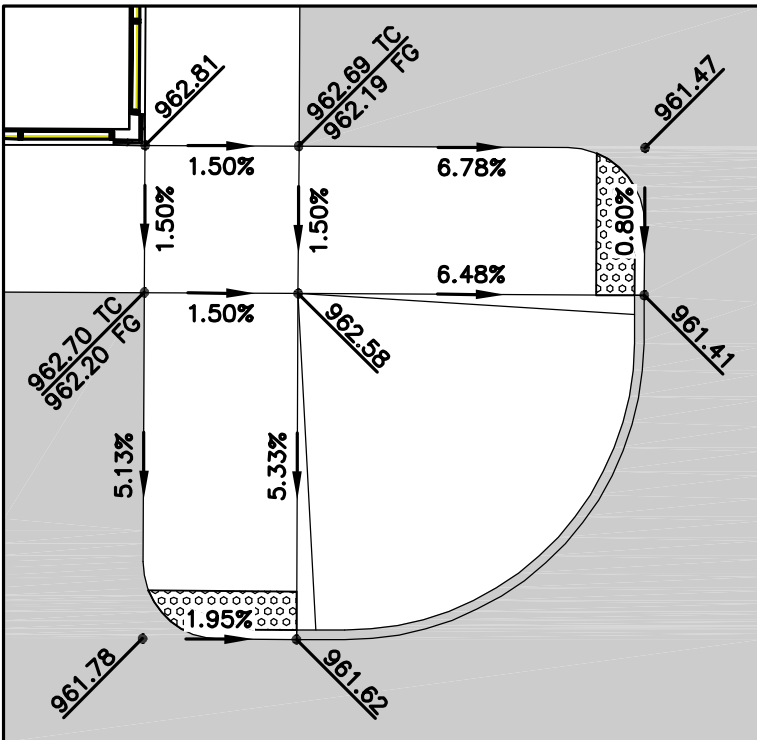


### GRADING NOTES

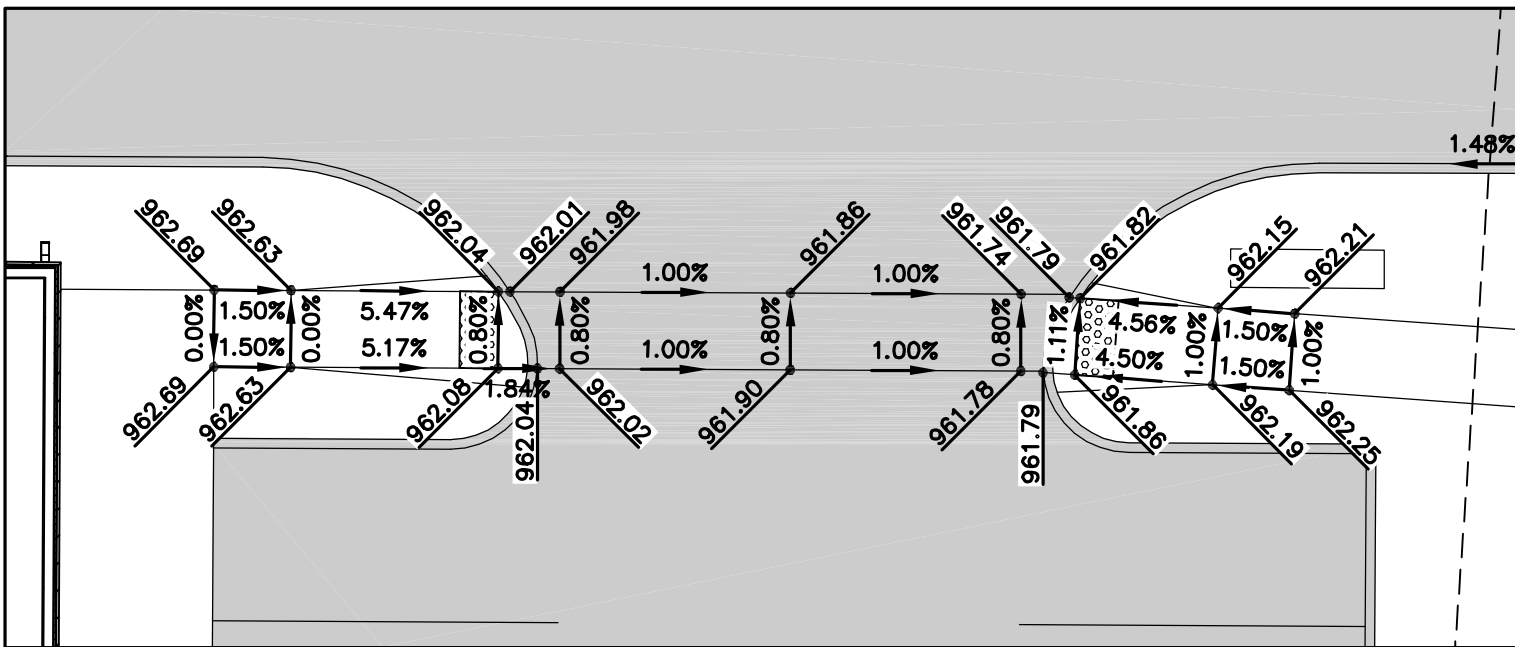
1. PRIOR TO ANY GRADING, A COPY OF THE NPDES PERMIT SHALL BE PROVIDED TO THE CITY'S BUILDING DIVISION.
2. CONTRACTOR SHALL STRIP ALL DELETERIOUS MATERIAL. THE TOP 6" OF TOPSOIL IS TO BE STOCKPILED AND RESPREAD AFTER GRADING IS COMPLETE. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING A SUITABLE TOPSOIL STOCKPILE SITE.
3. EXCAVATION SHALL BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTALS, IF APPLICABLE.
4. MATCH EXISTING GRADES AT PROPERTY LINES AND/OR CONSTRUCTION LIMITS.
5. ALL SPOT ELEVATIONS ARE FORM GRADE (FG) OR TOP OF FINISHED SURFACES UNLESS OTHERWISE NOTED.
6. SITE SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS.
7. SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING.
8. THE CONTRACTOR SHALL CONFINE HIS GRADING OPERATIONS TO WITHIN THE CONSTRUCTION LIMITS AND EASEMENTS SHOWN ON THE PLANS. ANY DAMAGE TO PROPERTIES OUTSIDE THE SITE BOUNDARY SHALL BE AT THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
9. THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE CONTROL TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.
10. REFER TO SEPARATE STORM WATER POLLUTION PREVENTION PLAN FOR DETAILS ON EROSION CONTROL.
11. FINAL FINISH GRADING TO BE APPROVED BY THE ARCHITECT AND CIVIL ENGINEER. MATCH EXISTING GRADES AT THE INTERFACE OF NEW AND EXISTING GRADES OR PAVING.
12. SIDEWALKS:
  - Maintain 1% minimum and 5% maximum longitudinal slopes on all paved walkways. All walks to have 2.0% maximum transverse slope in the direction of natural drainage. Saw cut joints as soon as concrete has set. Saw cuts to be 1/8" to 1/4" wide; depth: longitudinal 1/3, transverse 1/4.
13. THE GRADING OF THE DETENTION FACILITY, INSTALLATION OF THE STORM SEWER SYSTEM (IF APPLICABLE), AND THE INSTALLATION OF THE ORIFICE PLATE (IF APPLICABLE) SHALL BE COMPLETED AND FUNCTIONAL PRIOR TO ANY INCREASE IN IMPERVIOUS SURFACES WITHIN THE SITE OR THE PREVIOUSLY MENTIONED ITEMS SHALL BE GRADED/ INSTALLED AS SOON AS PRACTICAL.



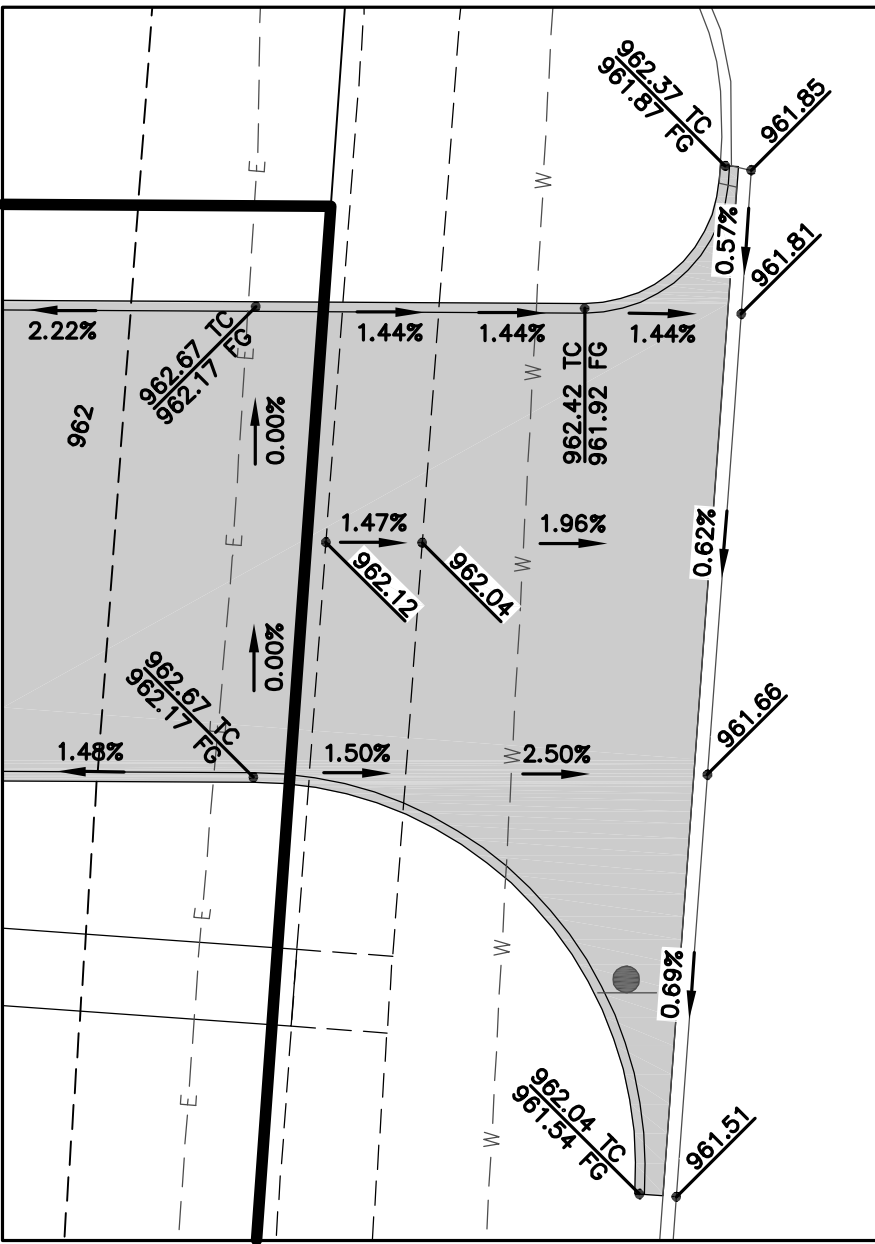
DETAIL 'A'  
SCALE 1"=10' (FULL SIZE)



DETAIL 'B'  
SCALE 1"=10' (FULL SIZE)



DETAIL 'C'  
SCALE 1"=10' (FULL SIZE)



DETAIL 'D'  
SCALE 1"=10' (FULL SIZE)



# LOT 7, PRINCETON SUBDIVISION, PLAT 1

## EROSION AND SEDIMENT CONTROL PLAN

### VICINITY MAP

NOT TO SCALE



### STABILIZATION QUANTITIES

| ITEM NO. | ITEM                               | UNIT | TOTAL |
|----------|------------------------------------|------|-------|
| 1        | SILT FENCE                         | LF   | 1,233 |
| 2        | SEEDING, FERTILIZING, AND MULCHING | AC   | 0.40  |
| 3        | INLET PROTECTION DEVICES           | EA   | 4     |
| 4        | CONCRETE WASHOUT PIT               | EA   | 1     |

### NOTES:

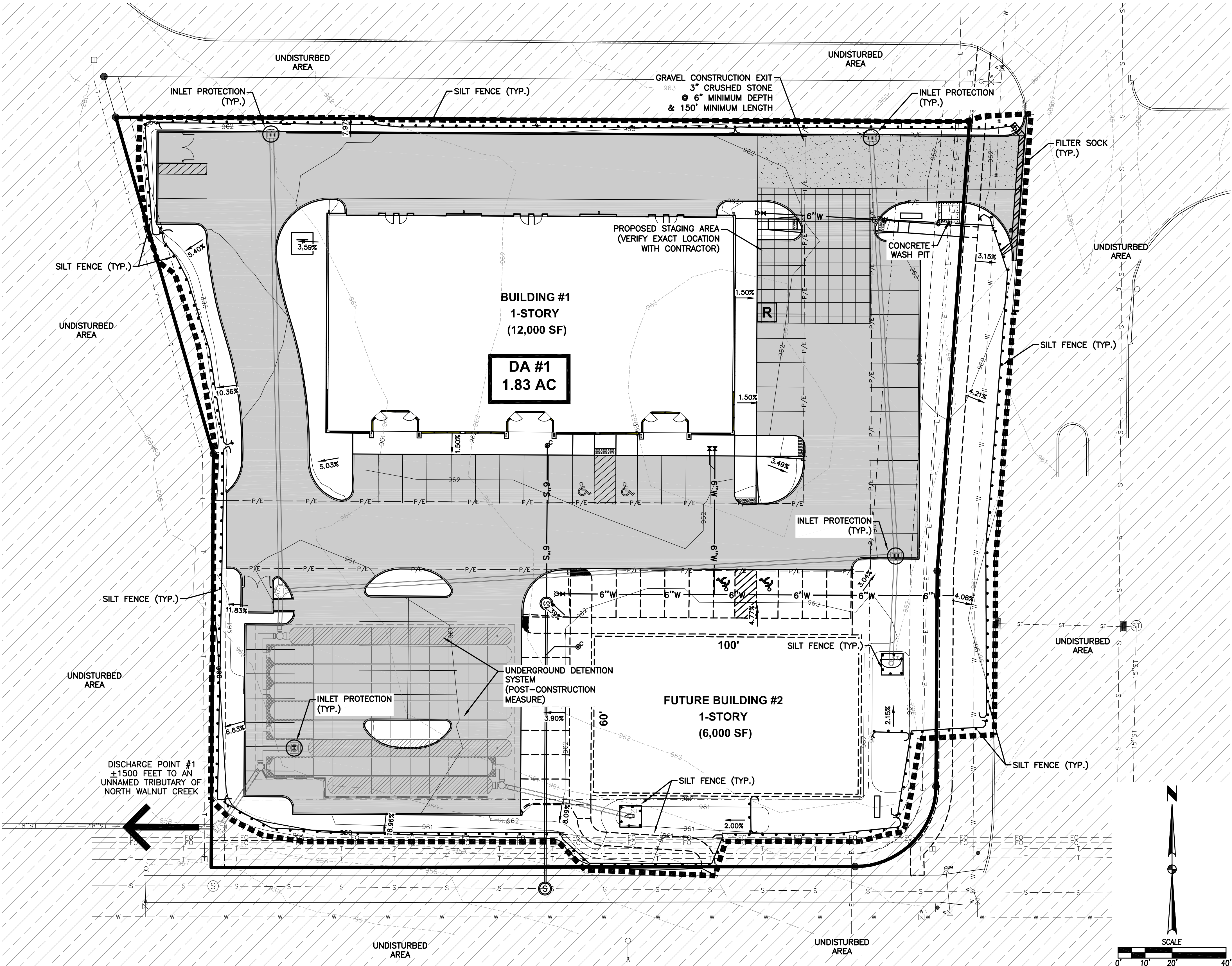
- IF DEWATERING IS NEEDED FOR ANY REASON, DISCHARGE OF WATER OFFSITE IS TO CONFORM WITH THE GENERAL PERMIT #2 REQUIREMENT.
- DISTURBED AREAS SHALL BE TEMPORARILY SEEDED OR MULCHED IMMEDIATELY WHENEVER CLEARING, GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.

### DISCHARGE POINT SUMMARY

|                                                                           |              |
|---------------------------------------------------------------------------|--------------|
| DISCHARGE POINT #1 TO AN UNNAMED TRIBUTARY OF NORTH WALNUT CREEK ±1500 FT |              |
| TOTAL AREA DISTURBED TO DISCHARGE POINT                                   | 1.83 ACRES   |
| STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)                           | 6,588 CU FT  |
| VOLUME PROVIDED IN FILTER SOCK (50 LF @ 2.0 CU FT/LF OF SOCK)             | 100 CU FT    |
| VOLUME PROVIDED IN SILT FENCE (1,233 LF @ 9.0 CU FT/LF OF FENCE)          | 11,097 CU FT |
| TOTAL VOLUME PROVIDED                                                     | 11,197 CU FT |

### SWPPP LEGEND

|                      |               |
|----------------------|---------------|
| DRAINAGE ARROW       | X.XX %        |
| GRADING LIMITS       | ---           |
| FILTER SOCK          |               |
| SILT FENCE           | —•—•—•—•—•—•— |
| INLET PROTECTION     | ○             |
| PORTABLE RESTROOM    | R             |
| TEMPORARY STANDPIPE  | ●             |
| CONCRETE WASHOUT PIT | □             |
| UNDISTURBED AREA     | ▨             |
| RIP-RAP              | ▨             |
| GRAVEL ENTRANCE      | ▨             |
| STAGING AREA         | ▨             |



DATE

REVISIONS

3405 S.E. CROSSROADS DRIVE, SUITE G  
GRIMES, IOWA 50111  
PHONE: (515) 369-4400 FAX: (515) 369-4410  
TECH: RL  
ENGINEER: EKO

08/27/19  
08/07/19  
SECOND SUBMITTAL  
FIRST SUBMITTAL

LOT 7, PRINCETON SUBDIVISION, PLAT 1

EROSION AND SEDIMENT CONTROL PLAN

C4.0

1906.287



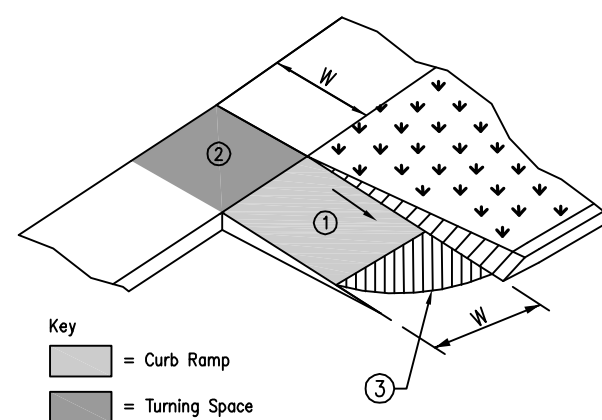


**C5.0**  
1906.287  

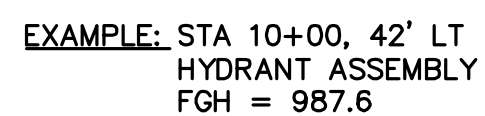




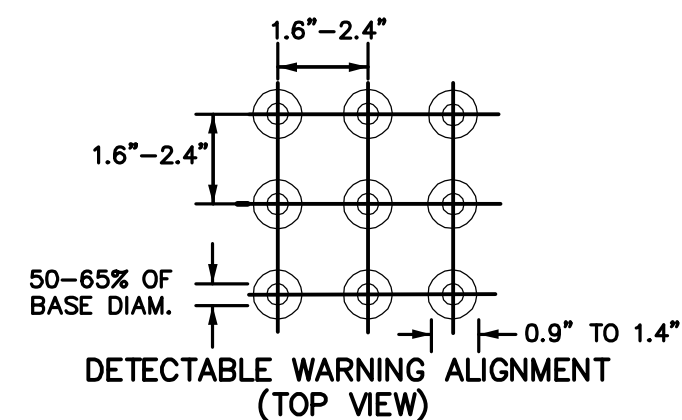


**PERPENDICULAR CURB RAMP @  
CLASS 'A' INTEGRAL CURB**  
NOT TO SCALE



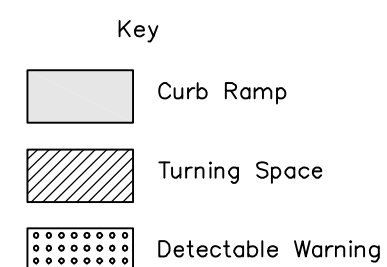
**HYDRANT ASSEMBLY**  
**SPOT ELEVATION REFERENCE DETAIL**



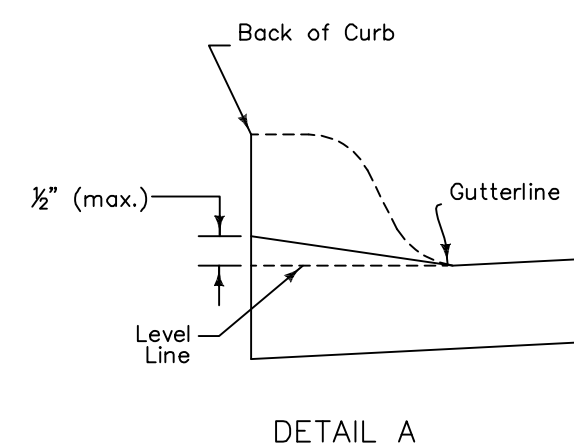
## DETECTABLE WARNING DETAIL



**PCC PAVEMENT AND SIDEWALK**  
NOT TO SCALE



## GENERAL SIDEWALK AND CURB RAMP DETAILS



- ① Provide a minimum 2 foot width of detectable warning surfaces in the direction of pedestrian travel across the full width of the curb ramp or turning space, exclusive of curbs or flares.
- ② Provide a minimum of 6 inches of concrete below the detectable warning panel.
- ③ Target slope of 1:5% with maximum slope perpendicular to the travel directions of 2.0%. Minimum sidewalk slope by 5 feet.
- ④ If normal minimum elevation cannot be achieved with the perpendicular ramp, provide the sloped landing due to limited ramp length, provide a parallel ramp to make up the elevation difference between the landing and the standard sidewalk.

The length of the parallel ramp is not required to exceed 15 feet, regardless of the resulting slope. Do not exceed 8.3% slope for parallel ramps shorter than 15 feet.



| PROJECT INFORMATION         |                                                           |
|-----------------------------|-----------------------------------------------------------|
| ENGINEERED PRODUCT MANAGER: | JASON MATHES<br>515-257-0092<br>JASON.MATHES@ADS-PIPE.COM |
| ADS SALES REP:              | MICHAEL LAIR<br>515-314-7050<br>MICHAEL.LAIR@ADS-PIPE.COM |
| PROJECT NO:                 | S147164                                                   |



# LOT 7 PRINCETON SUBDIVISION PLAT 1

## GRIMES, IA

### MC-3500 STORMTECH CHAMBER SPECIFICATIONS

- CHAMBERS SHALL BE STORMTECH MC-3500.
- CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 45x76 DESIGNATION SS.
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
- CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
  - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
  - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
  - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 500 LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
  - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
  - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
  - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
- CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

### IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF MC-3500 CHAMBER SYSTEM

- STORMTECH MC-3500 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- STORMTECH MC-3500 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
- CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
  - STONESHOOTER LOCATED OFF THE CHAMBER BED.
  - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
  - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- MAINTAIN MINIMUM - 6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS.
- INLET AND OUTLET MANIFOLDS MUST BE INSERTED A MINIMUM OF 12" (300 mm) INTO CHAMBER END CAPS.
- EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE MEETING THE AASHTO M43 DESIGNATION OF #3 OR #4.
- STONE MUST BE PLACED ON THE TOP CENTER OF THE CHAMBER TO ANCHOR THE CHAMBERS IN PLACE AND PRESERVE ROW SPACING.
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
- ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

### NOTES FOR CONSTRUCTION EQUIPMENT

- STORMTECH MC-3500 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
- THE USE OF EQUIPMENT OVER MC-3500 CHAMBERS IS LIMITED:
  - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
  - NO RUBBER TIRED LOADER, DUMP TRUCK, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
  - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
- FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

**USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY USING THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.**

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.



PROPOSED LAYOUT

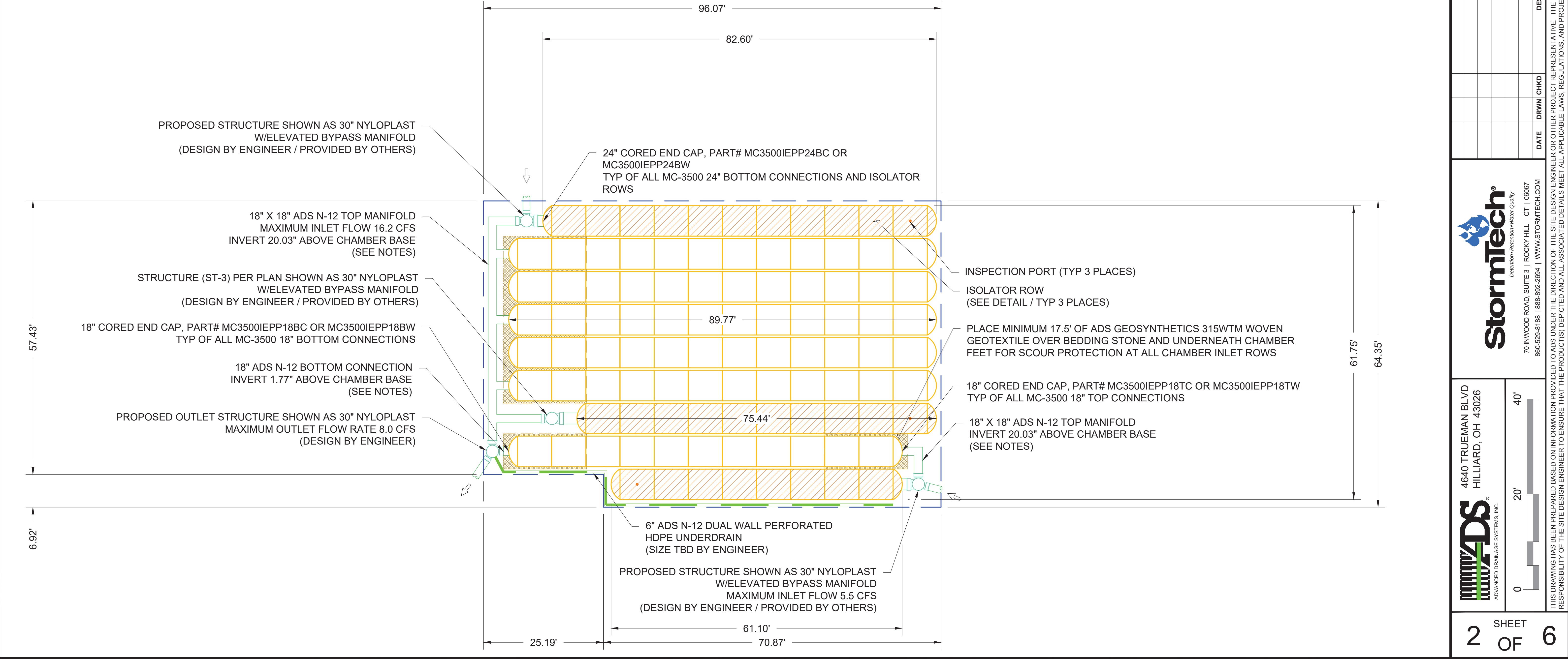
|        |                                                         |
|--------|---------------------------------------------------------|
| 100    | STORMTECH MC-3500 CHAMBERS                              |
| 18     | STORMTECH MC-3500 END CAPS                              |
| 12     | STONE ABOVE (in)                                        |
| 9      | STONE BELOW (in)                                        |
| 40     | % STONE VOID                                            |
| 19,976 | INSTALLED SYSTEM VOLUME (CF) (PERIMETER STONE INCLUDED) |
| 6,008  | SYSTEM AREA (ft²)                                       |
| 321    | SYSTEM PERIMETER (ft)                                   |

PROPOSED ELEVATIONS

|        |                                                     |
|--------|-----------------------------------------------------|
| 964.22 | MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED)   |
| 958.22 | MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC)      |
| 957.72 | MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC)        |
| 957.72 | MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT) |
| 957.72 | MINIMUM ALLOWABLE GRADE (TOP OF RIGID PAVEMENT)     |
| 957.22 | TOP OF STONE                                        |
| 956.22 | TOP OF MC-3500 CHAMBER                              |
| 954.14 | 18" TOP MANIFOLD INVERT                             |
| 952.64 | 24" ISOLATOR ROW CONNECTION INVERT                  |
| 952.62 | 18" BOTTOM CONNECTION INVERT                        |
| 952.47 | BOTTOM OF MC-3500 CHAMBER                           |
| 951.72 | UNDERDRAIN INVERT                                   |
| 951.72 | BOTTOM OF STONE                                     |

NOTES

- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECHNICAL NOTE 6.32 FOR MANIFOLD SIZING GUIDANCE.
- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.
- THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSITU SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.



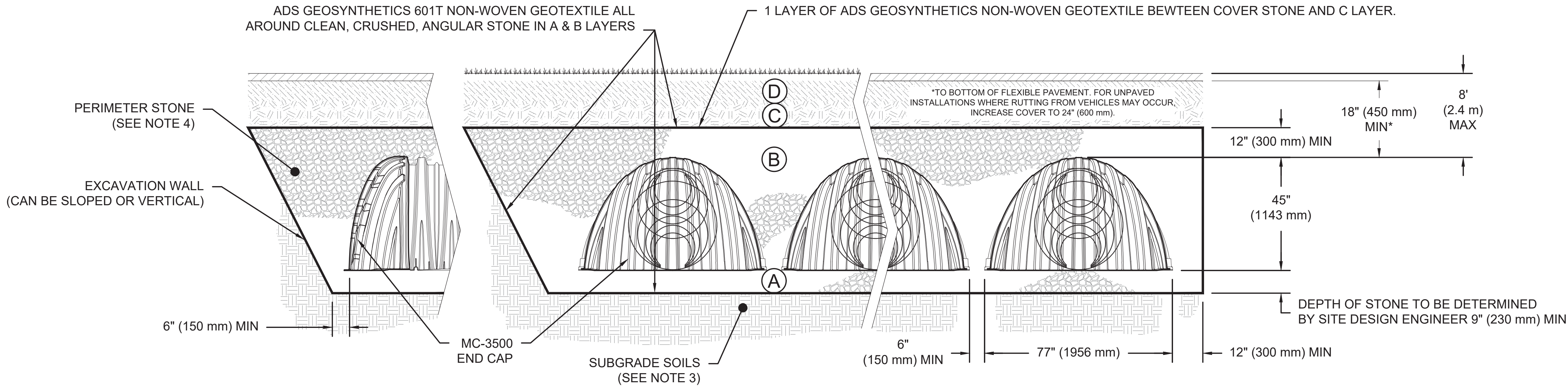


## ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS

| MATERIAL LOCATION |                                                                                                                                                                                                                  | DESCRIPTION                                                                                                                                                | AASHTO MATERIAL CLASSIFICATIONS                                                                                                                   | COMPACTION / DENSITY REQUIREMENT                                                                                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| D                 | <b>FINAL FILL:</b> FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER  | ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.                                            | N/A                                                                                                                                               | PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.                                                                                                                               |
| C                 | <b>INITIAL FILL:</b> FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER. | GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE.<br><br>MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER. | AASHTO M145 <sup>1</sup><br>A-1, A-2-4, A-3<br><br>OR<br><br>AASHTO M43 <sup>1</sup><br>3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10 | BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. |
| B                 | <b>EMBEDMENT STONE:</b> FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.                                                                                              | CLEAN, CRUSHED, ANGULAR STONE                                                                                                                              | AASHTO M43 <sup>1</sup><br>3, 4                                                                                                                   | NO COMPACTION REQUIRED.                                                                                                                                                                                                                               |
| A                 | <b>FOUNDATION STONE:</b> FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.                                                                                                           | CLEAN, CRUSHED, ANGULAR STONE                                                                                                                              | AASHTO M43 <sup>1</sup><br>3, 4                                                                                                                   | PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. <sup>2,3</sup>                                                                                                                                                                                       |

PLEASE NOTE:

1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



## NOTES:

1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 45x76 DESIGNATION SS.
2. MC-3500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
  - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
  - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
  - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 500 LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

LOT 7 PRINCETON SUBDIVISION PLAT 1

GRIMES, IA

|       |          |        |     |
|-------|----------|--------|-----|
| DATE: | 08-25-19 | DRAWN: | SMQ |
|-------|----------|--------|-----|

|            |         |          |     |
|------------|---------|----------|-----|
| PROJECT #: | S147164 | CHECKED: | AGC |
|------------|---------|----------|-----|

DESCRIPTION

CHKD

DATE \_\_\_\_\_

860-529-8188 | 888-892-2694 | [WWW.STORMTECH.COM](http://WWW.STORMTECH.COM)

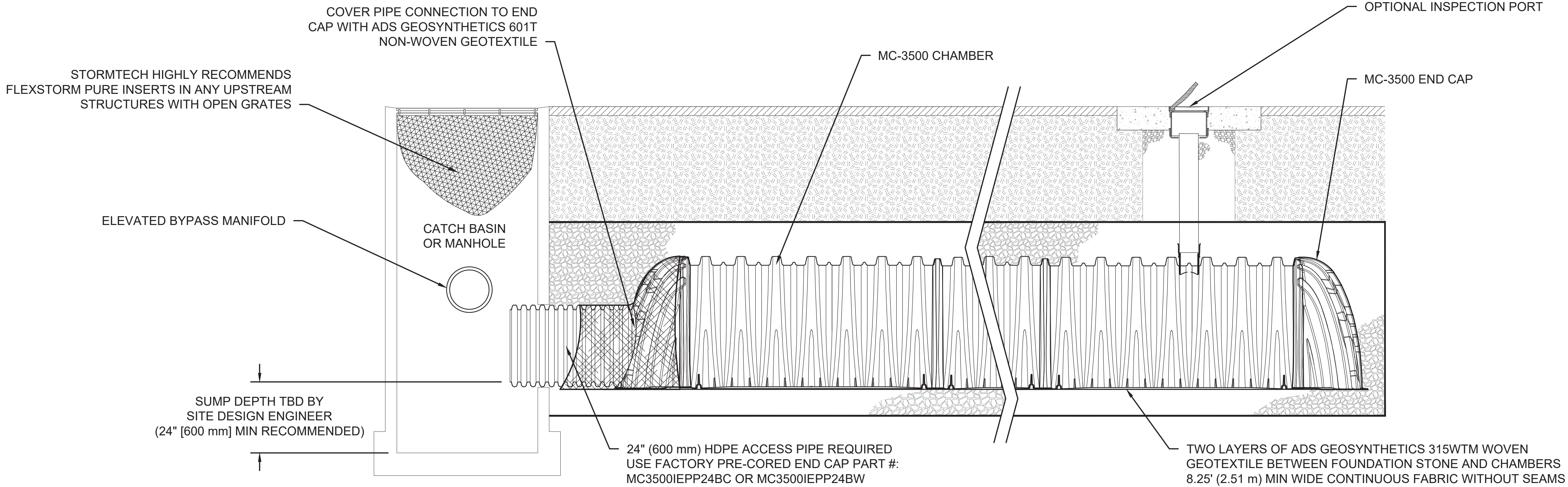
**StormTech®**  
Detention • Retention • Water Quality

**4640 TRUEMAN BLVD**  
**HILLIARD, OH 43026**

|                                                 |      |      |      |             |            |        |          |     |
|-------------------------------------------------|------|------|------|-------------|------------|--------|----------|-----|
| 860-529-8188   888-892-2894   WWW.STORMTECH.COM | DATE | DRWN | CHKD | DESCRIPTION | PROJECT #: | 147164 | CHECKED: | AGC |
|-------------------------------------------------|------|------|------|-------------|------------|--------|----------|-----|

3 SHEET OF 6





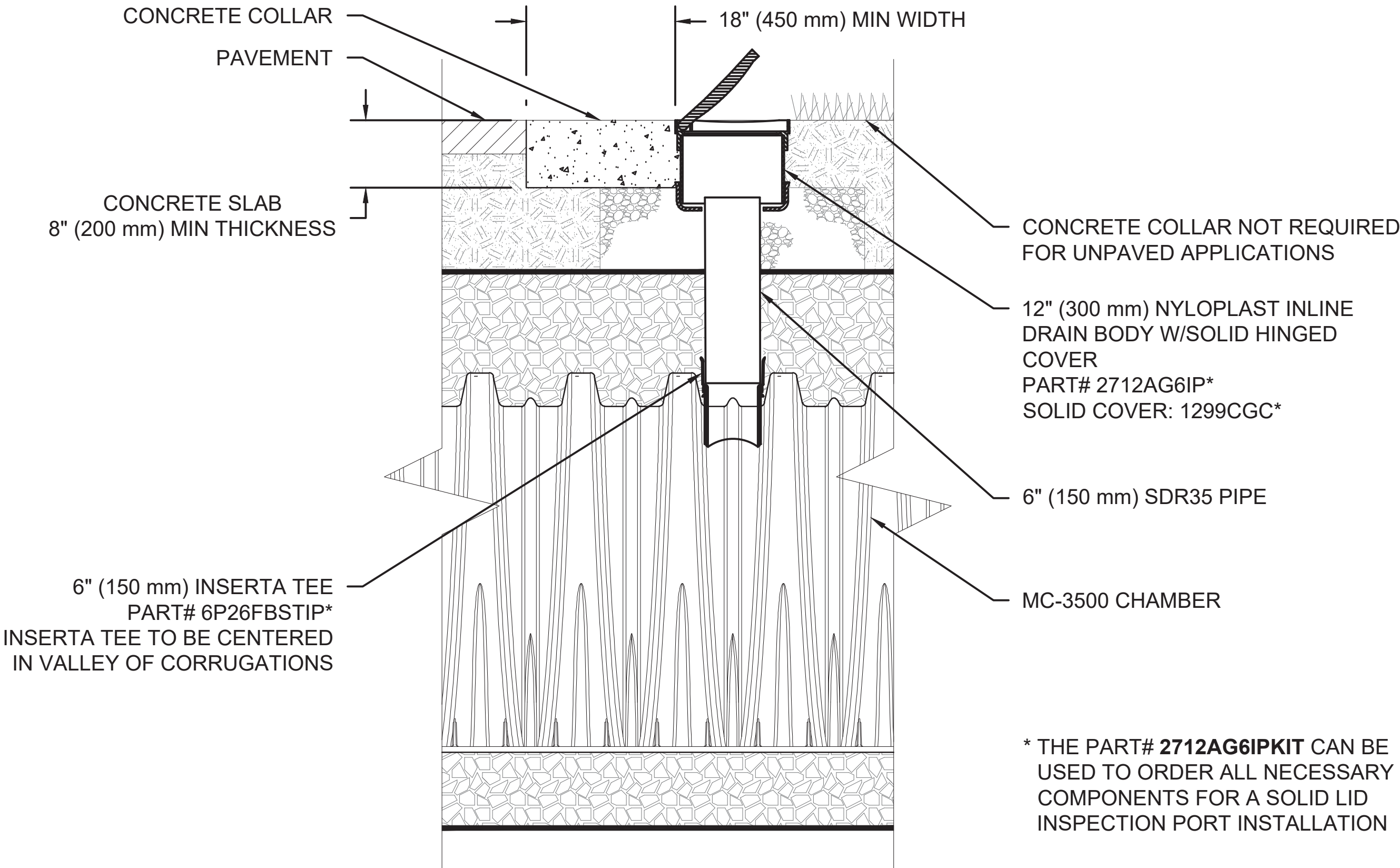
MC-3500 ISOLATOR ROW DETAIL  
NTS

INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
    - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
    - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
    - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
    - A.4. LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
    - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
  - B. ALL ISOLATOR ROWS
    - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW
    - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
      - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
      - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
    - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED
  - B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
  - C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

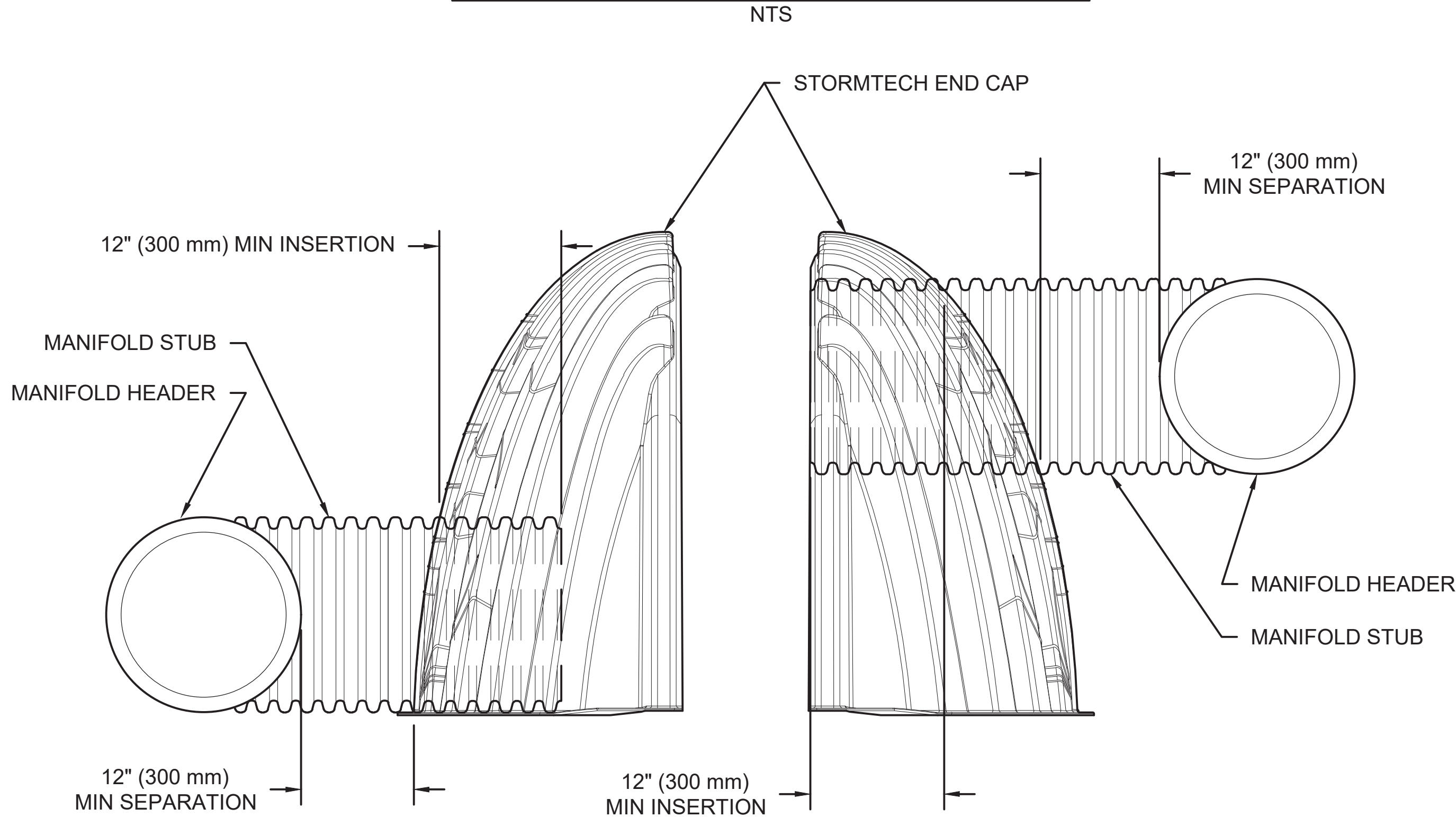


MC-3500 6" (150 mm) INSPECTION PORT DETAIL  
NTS

|                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |                                                                                                                                                                     |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| LOT 7 PRINCETON SUBDIVISION PLAT 1                                                                                                                                                                                                                                                                                                                                                                                              |          | GRIMES, IA                                                                                                                                                          |      |
| DATE:                                                                                                                                                                                                                                                                                                                                                                                                                           | 08-25-19 | DRAWN:                                                                                                                                                              | SMQ  |
| PROJECT #:                                                                                                                                                                                                                                                                                                                                                                                                                      | S147164  | CHECKED:                                                                                                                                                            | AGC  |
| DATE                                                                                                                                                                                                                                                                                                                                                                                                                            |          | DRWN                                                                                                                                                                | CHKD |
| DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                                                                                                                                                                     |      |
| THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS UNDER THE DIRECTION OF THE SITE DESIGN ENGINEER OR OTHER PROJECT REPRESENTATIVE. THE SITE DESIGN ENGINEER SHALL REVIEW THIS DRAWING PRIOR TO CONSTRUCTION. IT IS THE ULTIMATE RESPONSIBILITY OF THE SITE DESIGN ENGINEER TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS. |          |                                                                                                                                                                     |      |
| <br>70 INWOOD ROAD, SUITE 3   ROCKY HILL   CT   06067<br>860-528-8188   888-892-2694   WWW.STORMTECH.COM                                                                                                                                                                                                                                   |          | <br>4640 TRUEMAN BLVD<br>HILLIARD, OH 43026<br>ADVANCED DRAINAGE SYSTEMS, INC. |      |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                               |          | SHEET<br>OF<br>6                                                                                                                                                    |      |

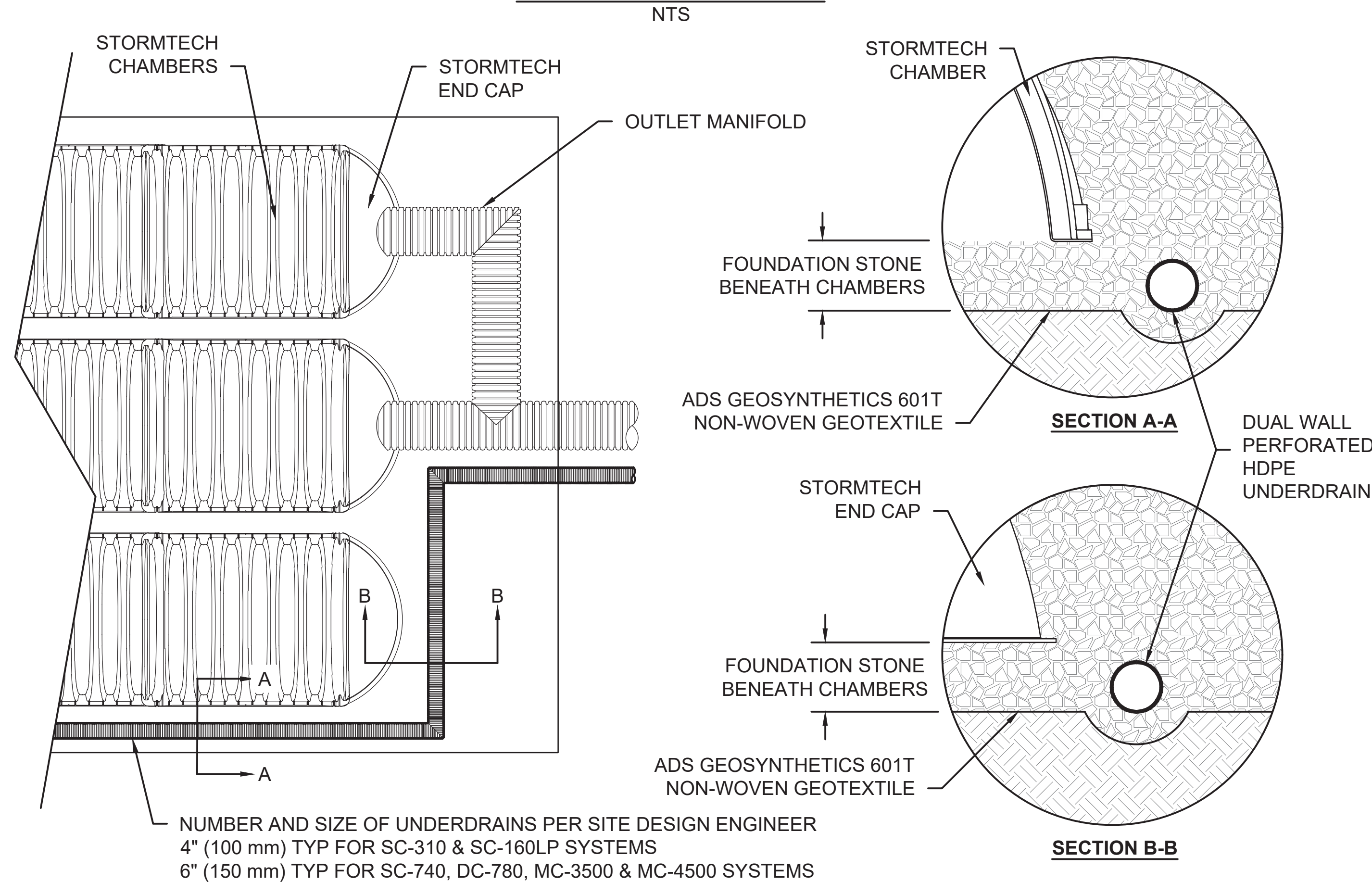


MC-SERIES END CAP INSERTION DETAIL

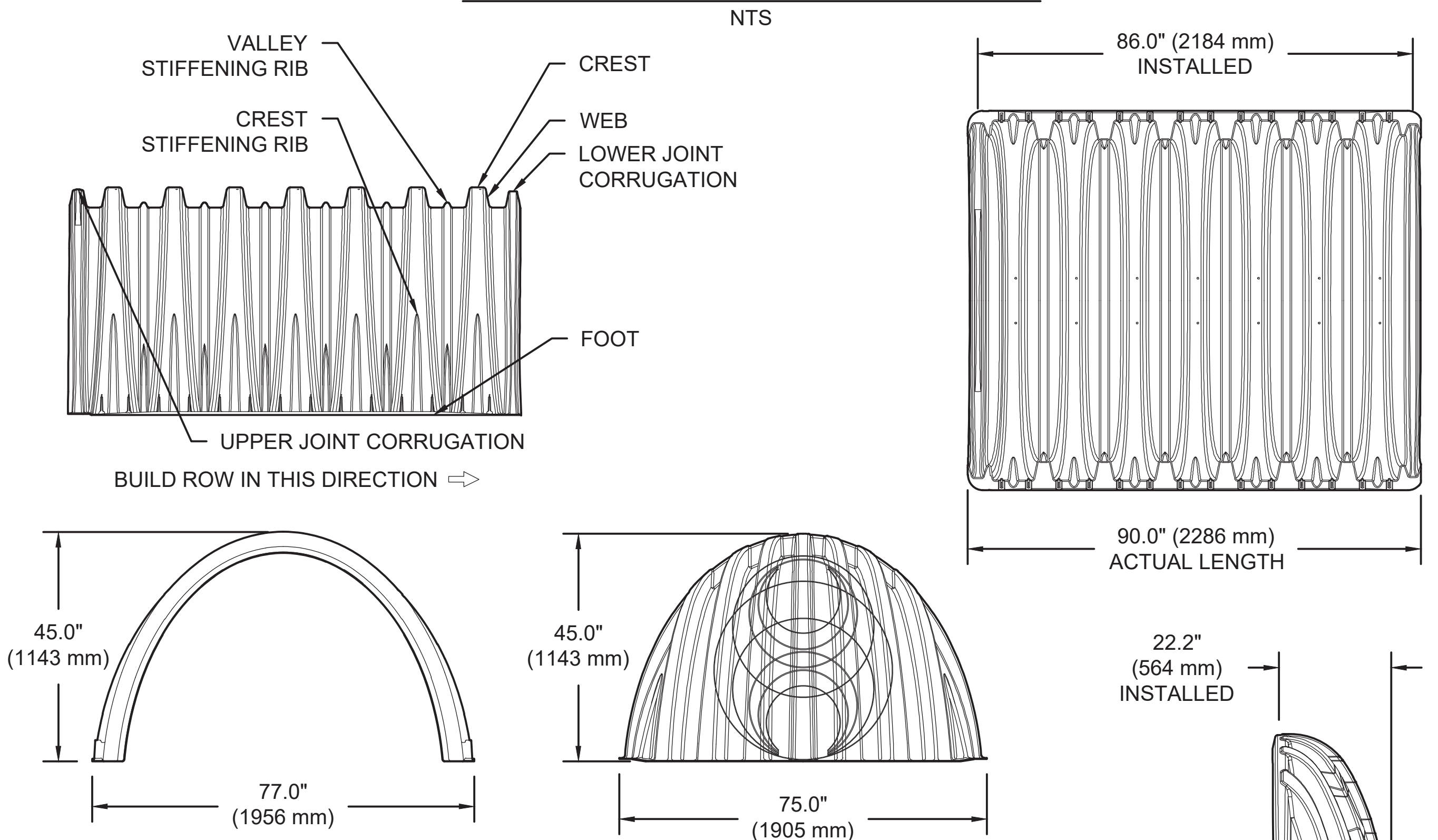


NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

UNDERDRAIN DETAIL



MC-3500 TECHNICAL SPECIFICATION



NOMINAL CHAMBER SPECIFICATIONS

| SIZE (W X H X INSTALLED LENGTH) | 77.0" X 45.0" X 86.0" | (1956 mm X 1143 mm X 2184 mm) |
|---------------------------------|-----------------------|-------------------------------|
| CHAMBER STORAGE                 | 109.9 CUBIC FEET      | (3.11 m³)                     |
| MINIMUM INSTALLED STORAGE*      | 175.0 CUBIC FEET      | (4.96 m³)                     |
| WEIGHT                          | 134 lbs.              | (60.8 kg)                     |

NOMINAL END CAP SPECIFICATIONS

| SIZE (W X H X INSTALLED LENGTH) | 75.0" X 45.0" X 22.2" | (1905 mm X 1143 mm X 564 mm) |
|---------------------------------|-----------------------|------------------------------|
| END CAP STORAGE                 | 14.9 CUBIC FEET       | (0.42 m³)                    |
| MINIMUM INSTALLED STORAGE*      | 45.1 CUBIC FEET       | (1.28 m³)                    |
| WEIGHT                          | 49 lbs.               | (22.2 kg)                    |

\*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION, 6" (152 mm) STONE BETWEEN CHAMBERS, 6" (152 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY.

STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"  
STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"  
END CAPS WITH A WELDED CROWN PLATE END WITH "C"  
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

| PART #         | STUB         | B               | C             |
|----------------|--------------|-----------------|---------------|
| MC3500IEPP06T  | 6" (150 mm)  | 33.21" (844 mm) | ---           |
| MC3500IEPP06B  |              | ---             | 0.66" (17 mm) |
| MC3500IEPP08T  | 8" (200 mm)  | 31.16" (791 mm) | ---           |
| MC3500IEPP08B  |              | ---             | 0.81" (21 mm) |
| MC3500IEPP10T  | 10" (250 mm) | 29.04" (738 mm) | ---           |
| MC3500IEPP10B  |              | ---             | 0.93" (24 mm) |
| MC3500IEPP12T  | 12" (300 mm) | 26.36" (670 mm) | ---           |
| MC3500IEPP12B  |              | ---             | 1.35" (34 mm) |
| MC3500IEPP15T  | 15" (375 mm) | 23.39" (594 mm) | ---           |
| MC3500IEPP15B  |              | ---             | 1.50" (38 mm) |
| MC3500IEPP18TC | 18" (450 mm) | 20.03" (509 mm) | ---           |
| MC3500IEPP18TW |              |                 |               |
| MC3500IEPP18BC |              | ---             | 1.77" (45 mm) |
| MC3500IEPP18BW |              |                 |               |
| MC3500IEPP24TC | 24" (600 mm) | 14.48" (368 mm) | ---           |
| MC3500IEPP24TW |              |                 |               |
| MC3500IEPP24BC |              | ---             | 2.06" (52 mm) |
| MC3500IEPP24BW |              |                 |               |
| MC3500IEPP30BC | 30" (750 mm) | ---             | 2.75" (70 mm) |

NOTE: ALL DIMENSIONS ARE NOMINAL

CUSTOM PRECORED INVERTS ARE AVAILABLE UPON REQUEST. INVENTORIED MANIFOLDS INCLUDE 12-24" (300-600 mm) SIZE ON SIZE AND 15-48" (375-1200 mm) ECCENTRIC MANIFOLDS. CUSTOM INVERT LOCATIONS ON THE MC-3500 END CAP CUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPE SIZES GREATER THAN 10" (250 mm). THE INVERT LOCATION IN COLUMN 'B' ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.

LOT 7 PRINCETON SUBDIVISION PLAT 1

GRIMES, IA

DATE: 08-25-19

DRAWN: SMQ

PROJECT #: S147164

CHECKED: AGC



70 INWOOD ROAD, SUITE 3 | ROCKY HILL | CT | 06067  
860-528-8188 | 866-892-2694 | WWW.STORMTECH.COM

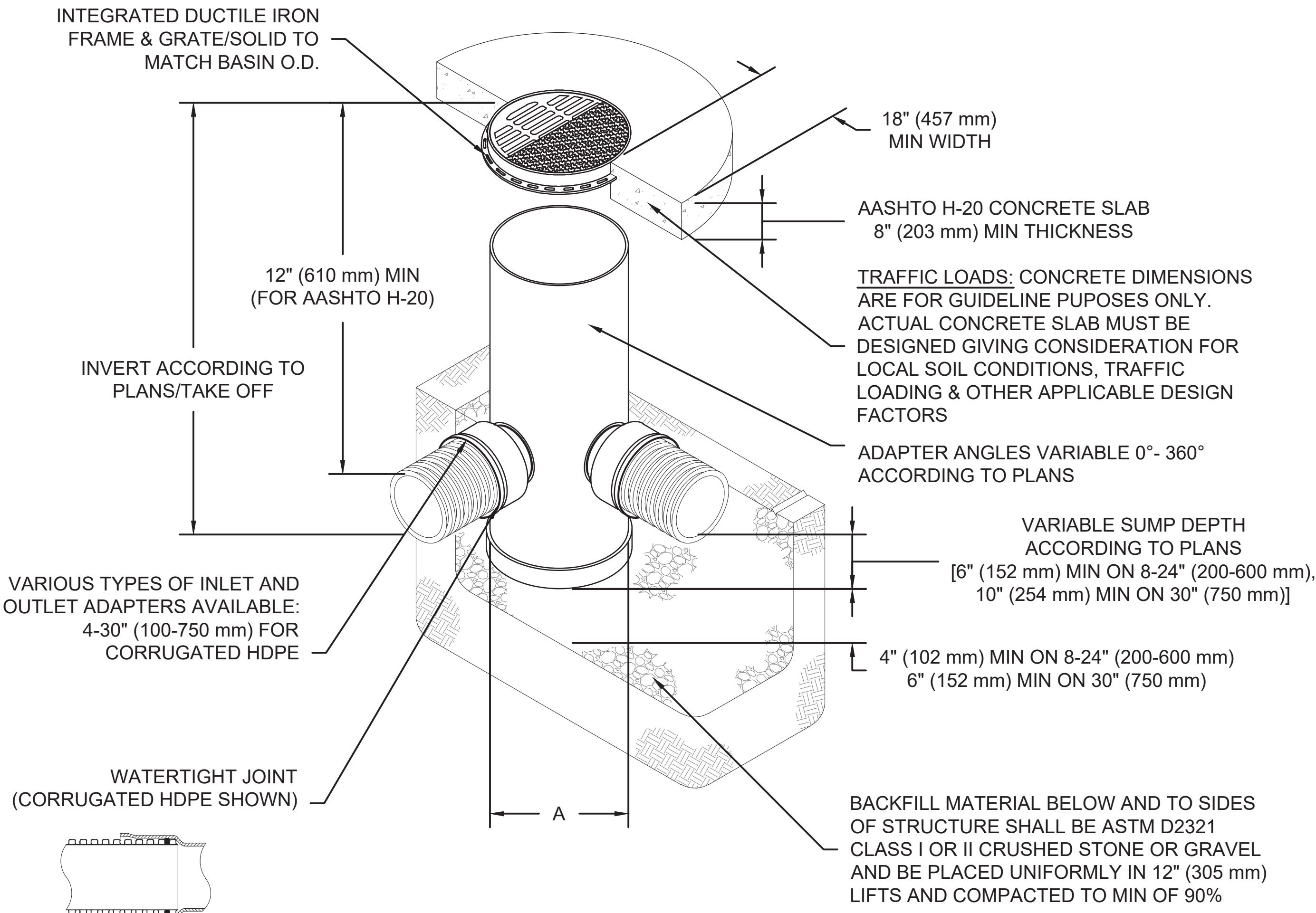
4640 TRUEJMAN BLVD  
HILLIARD, OH 43026





## NYLOPLAST DRAIN BASIN

NTS



## NOTES

1. 8-30" (200-750 mm) GRATES/SOLID COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
2. 12-30" (300-750 mm) FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05
3. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS
4. DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS & HANCOR DUAL WALL) & SDR 35 PVC
5. FOR COMPLETE DESIGN AND PRODUCT INFORMATION: **WWW.NYOPLAST-US.COM**
6. TO ORDER CALL: **800-821-6710**

| A               | PART # | GRATE/SOLID COVER OPTIONS |                         |                      |
|-----------------|--------|---------------------------|-------------------------|----------------------|
| 8"<br>(200 mm)  | 2808AG | PEDESTRIAN LIGHT<br>DUTY  | STANDARD LIGHT<br>DUTY  | SOLID LIGHT DUTY     |
| 10"<br>(250 mm) | 2810AG | PEDESTRIAN LIGHT<br>DUTY  | STANDARD LIGHT<br>DUTY  | SOLID LIGHT DUTY     |
| 12"<br>(300 mm) | 2812AG | PEDESTRIAN<br>AASHTO H-10 | STANDARD AASHTO<br>H-20 | SOLID<br>AASHTO H-20 |
| 15"<br>(375 mm) | 2815AG | PEDESTRIAN<br>AASHTO H-10 | STANDARD AASHTO<br>H-20 | SOLID<br>AASHTO H-20 |
| 18"<br>(450 mm) | 2818AG | PEDESTRIAN<br>AASHTO H-10 | STANDARD AASHTO<br>H-20 | SOLID<br>AASHTO H-20 |
| 24"<br>(600 mm) | 2824AG | PEDESTRIAN<br>AASHTO H-10 | STANDARD AASHTO<br>H-20 | SOLID<br>AASHTO H-20 |
| 30"<br>(750 mm) | 2830AG | PEDESTRIAN<br>AASHTO H-20 | STANDARD AASHTO<br>H-20 | SOLID<br>AASHTO H-20 |

LOT 7 PRINCETON SUBDIVISION PLAT 1

GRIMES, IA

|       |          |        |     |
|-------|----------|--------|-----|
| DATE: | 08-25-19 | DRAWN: | SMQ |
|-------|----------|--------|-----|

|            |         |          |     |
|------------|---------|----------|-----|
| PROJECT #: | S147164 | CHECKED: | AGC |
|------------|---------|----------|-----|

DESCRIPTION

| DATE | DRWN | CHKD |
|------|------|------|
|------|------|------|

3130 VERONA AVE  
BUFFORD, GA 30518  
PHN (770) 932-2443  
FAX (770) 932-2490  
www.nyloplast-us.c



**4640 TRUEMAN BLVD**  
**HILLIARD, OH 43026**



6 SHEET OF 6

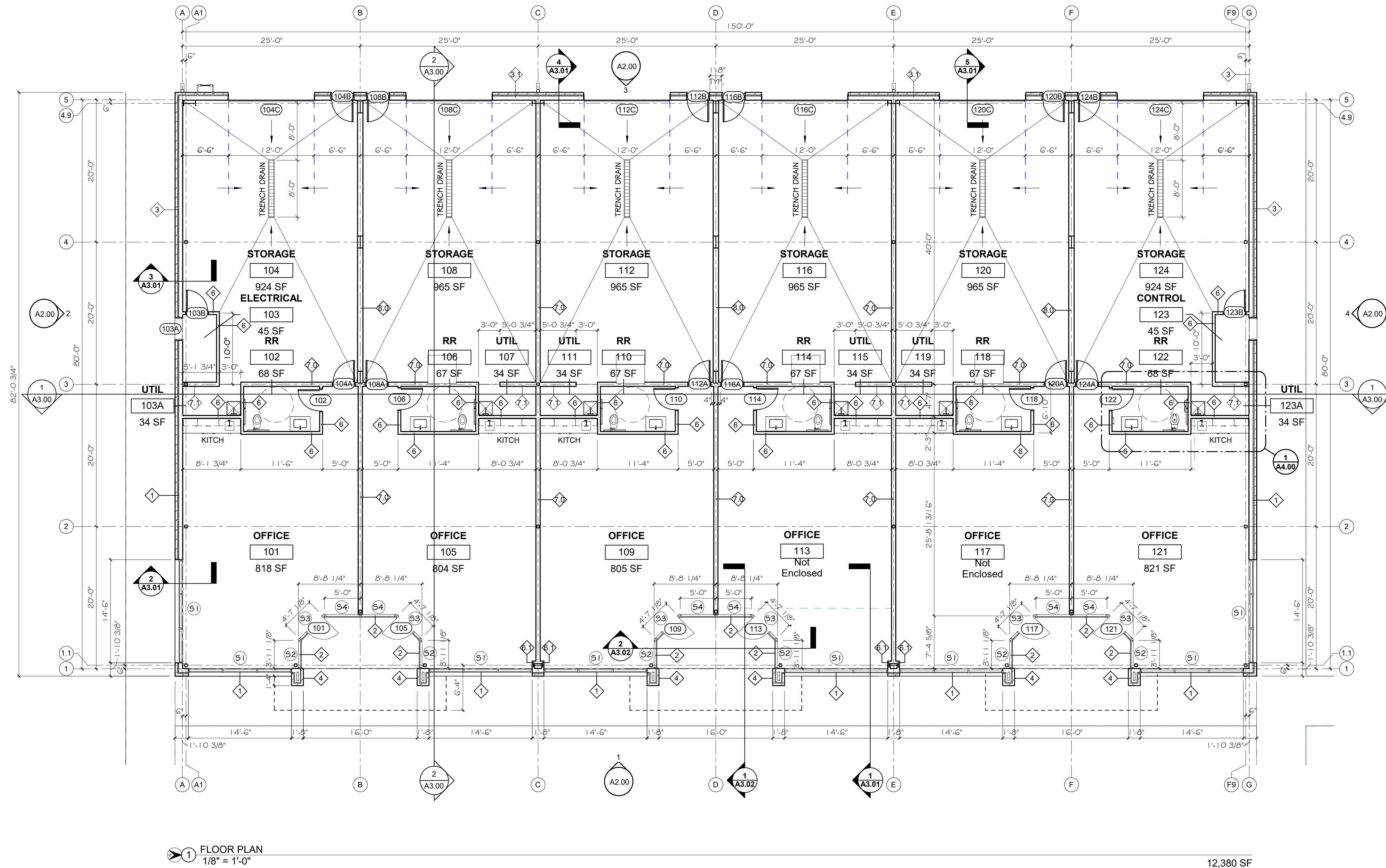
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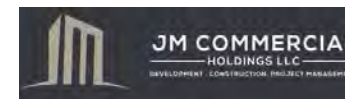


8/27/2019 4:35:15 PM C:\Users\kvetter\Desktop\Revit Local Files\OPTION 3 - Brick, EIFS, Metal Panel\_kvetter1.rvt



# PRINCETON SUBDIVISION (LOT 7)

NW 62nd AVENUE - GRIMES, IOWA



TITLE  
FLOOR PLAN

PROJECT NUMBER  
0191220.00

DATE

REVISIONS



## A1.01



MATERIAL LEGEND & INFORMATION



FACE BRICK  
color: dark grey  
w/ light grey mortar



KLAY COAT BRICK  
color: light gray



METAL BAND & COPING  
color: dark grey



METAL BAND & COPING  
color: dark grey

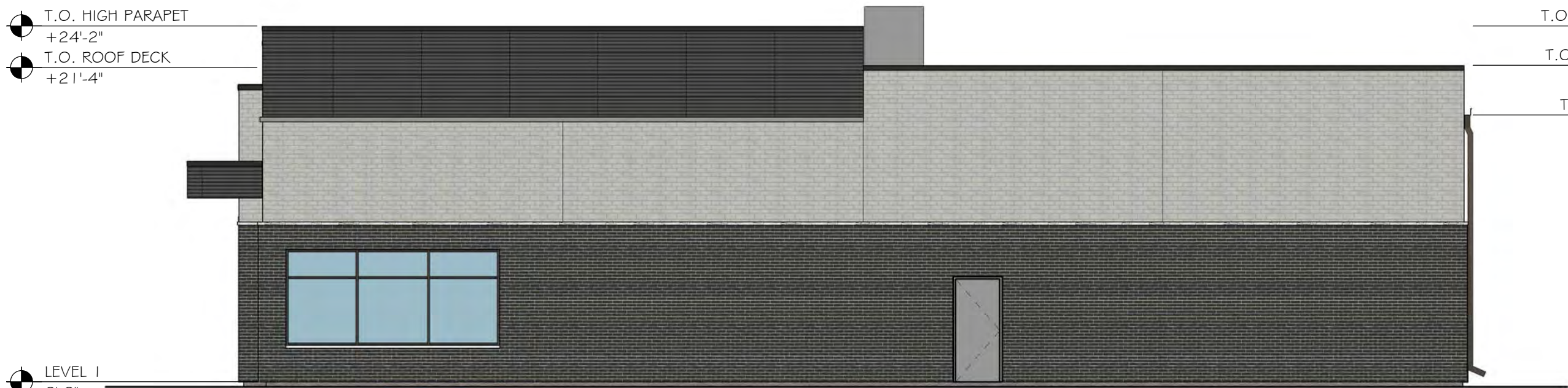
| ELEVATION MATERIAL SQUARE FOOTAGES: |          |                         |  |
|-------------------------------------|----------|-------------------------|--|
| SOUTH ELEVATION:                    |          | MATERIAL % OF ELEVATION |  |
| TOTAL SF:                           | 3,619 SF |                         |  |
| BRICK:                              | 1,822 SF | 70% (EXCLUDING GLAZING) |  |
| METAL PANELS:                       | 800 SF   | 22%                     |  |
| GLAZING:                            | 997 SF   | 28%                     |  |
| EAST ELEVATION:                     |          | MATERIAL % OF ELEVATION |  |
| TOTAL SF:                           | 1,906 SF |                         |  |
| BRICK:                              | 1,524 SF | 84% (EXCLUDING GLAZING) |  |
| METAL PANELS:                       | 264 SF   | 14%                     |  |
| GLAZING:                            | 94 SF    | 5%                      |  |

GENERAL NOTES:

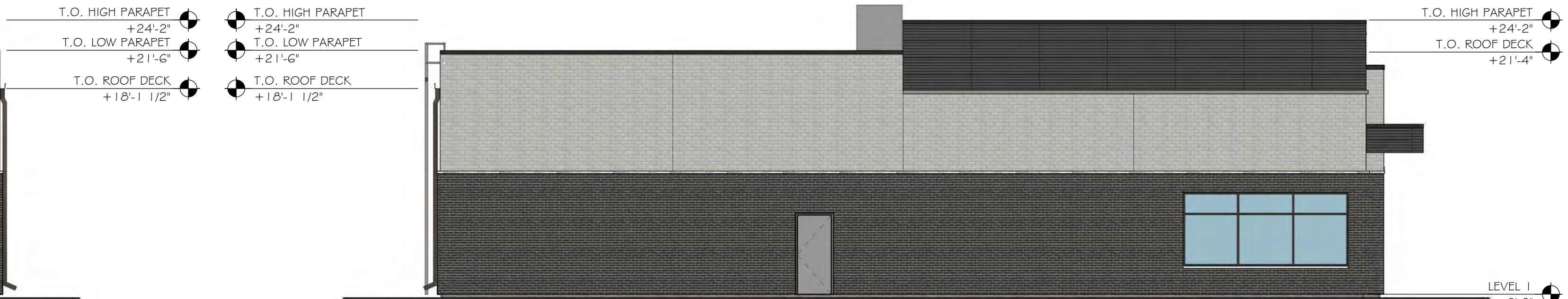
1. EXACT LOCATION FOR FOR "KNOX BOXES" IN FRONT OF EACH ENTRANCE TO BE DETERMINED BY OWNER.
2. MECHANICAL ROOFTOP UNITS ARE 4'-0"L x 4'-0"W x 4'-6"H ON 10" CURB. PROPER SCREENING TO BE DETERMINED AT LATER DATE.



3 NORTH ELEVATION  
1/8" = 1'-0"



4 EAST ELEVATION  
1/8" = 1'-0"



2 WEST ELEVATION  
1/8" = 1'-0"



1 SOUTH ELEVATION  
1/8" = 1'-0"

NOTE: EXACT LOCATION FOR FOR "KNOX BOXES" IN FRONT OF EACH ENTRANCE TO BE DETERMINED BY OWNER

BRICK VENEER / METAL PANEL (or NICHIIHA PANEL)



is now...  
Farnsworth Group, Inc.  
Design Alliance Inc.  
14225 University  
Suite 110  
Waukegan, Iowa  
50263

TEL 515.225.3469  
FAX 515.225.9649  
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08/27/2019

PRINCETON SUBDIVISION (LOT 7)

NW 62nd AVENUE - GRIMES, IOWA



TITLE  
EXTERIOR  
ELEVATIONS

PROJECT NUMBER  
0191220.00

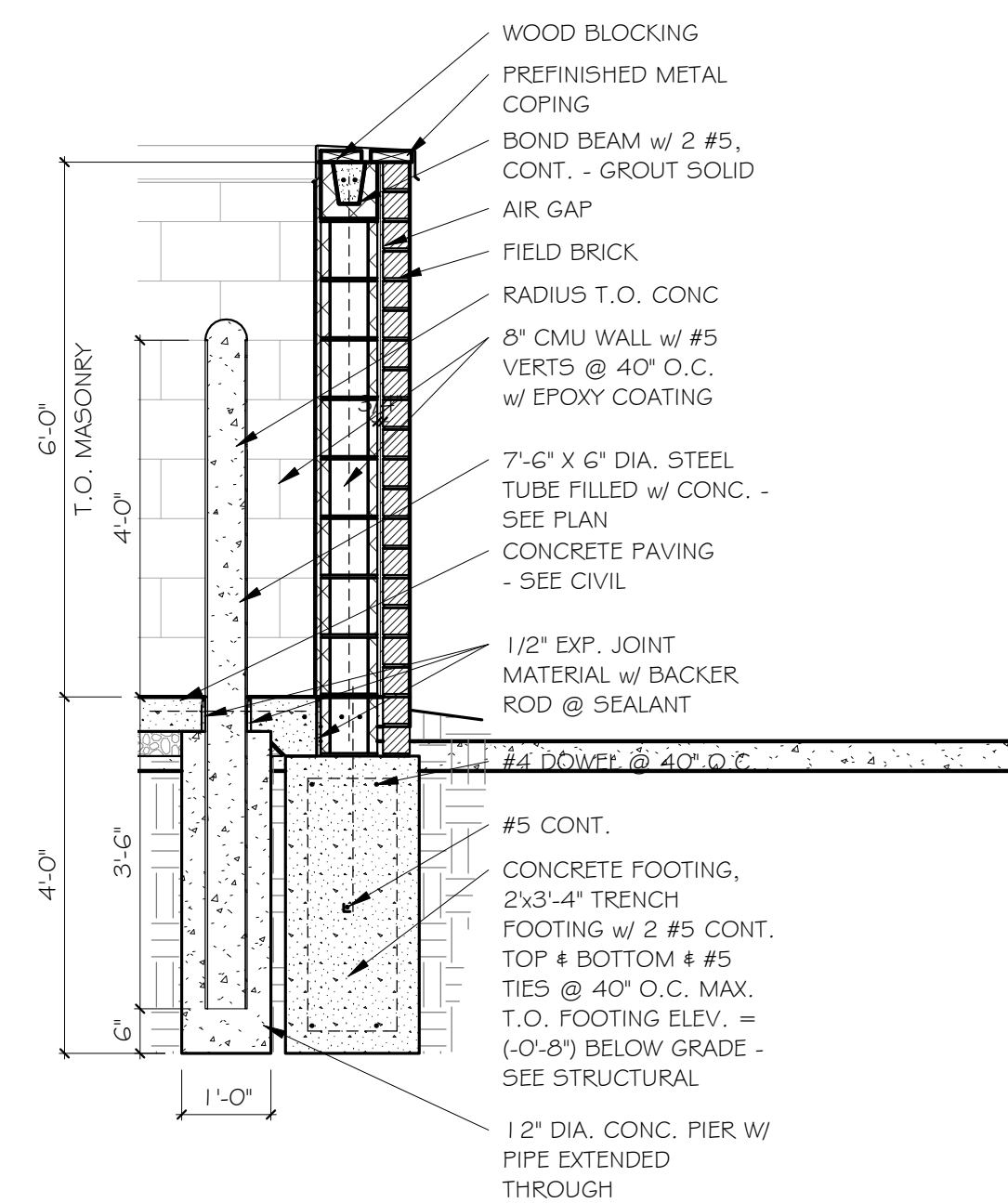
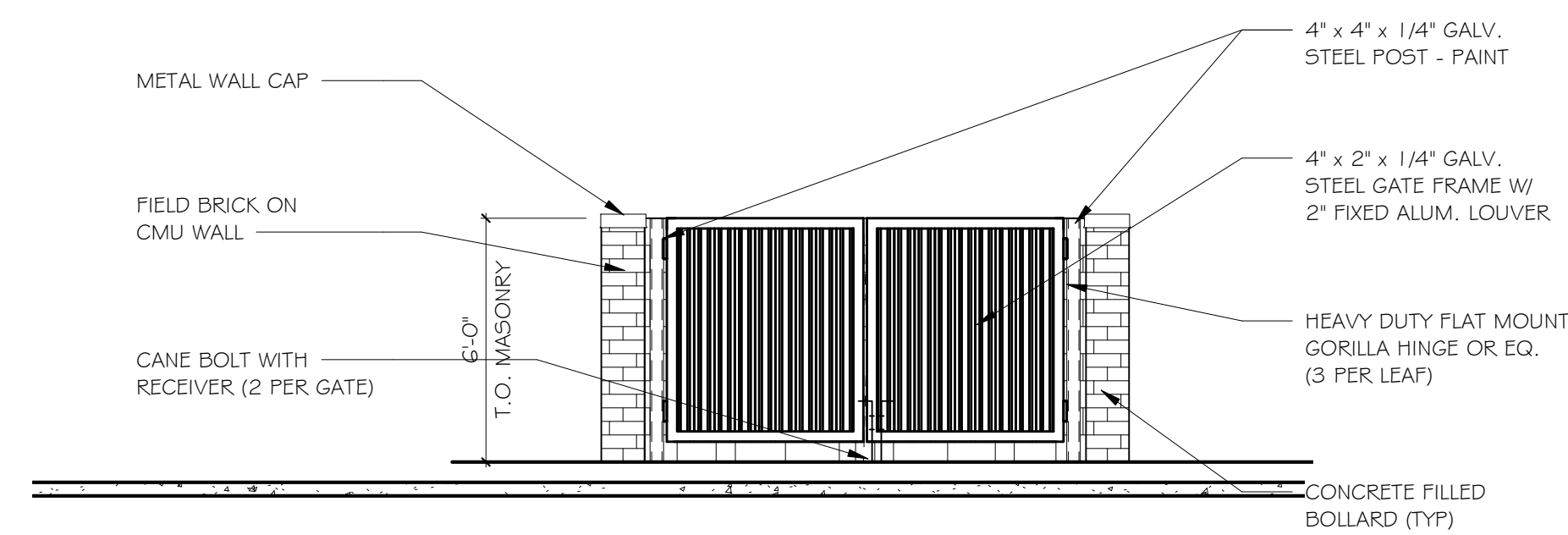
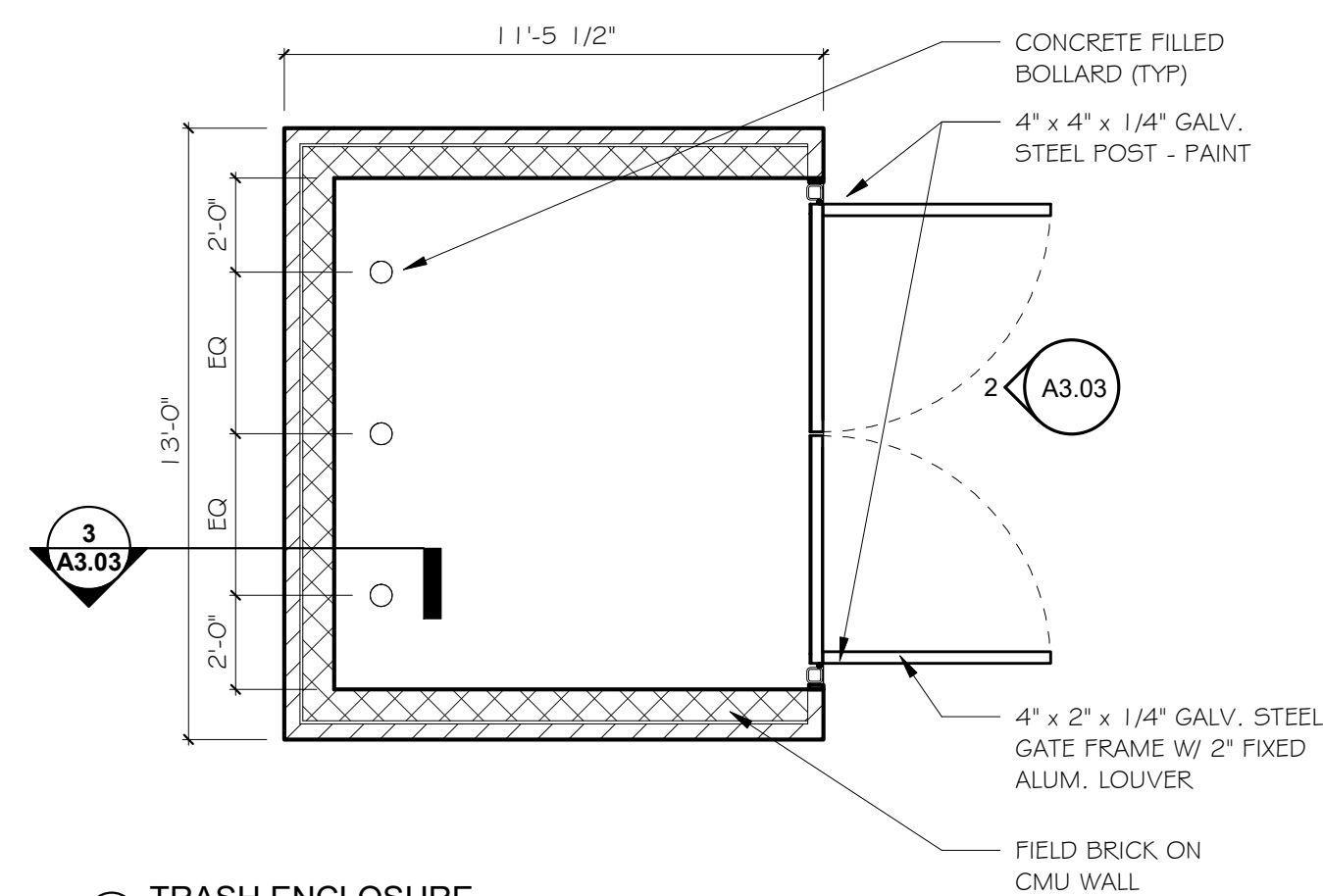
DATE

REVISIONS



A2.00





# Planning & Zoning Staff Report



TO: Planning and Zoning Commission  
FROM: Alex Pfaltzgraff, Development Services Director  
DATE: August 29, 2019  
RE: 1884 SE Destination Drive – Site Plan

## **GENERAL INFORMATION:**

|                         |                           |
|-------------------------|---------------------------|
| <b>Applicant:</b>       | JM Commercial Holdings    |
| <b>Requested Action</b> | Site Plan Approval        |
| <b>Location</b>         | 1884 SE Destination Drive |

## **SUPPORTING INFORMATION:**



Location Map



Zoning Map



**LAND USES & ZONING:**

| <b>Location</b> | <b>Existing Land Use</b>  | <b>Land Use Plan Designation</b> | <b>Current Zoning</b> |
|-----------------|---------------------------|----------------------------------|-----------------------|
| Subject Site    | Vacant                    | Light Industrial                 | M-1A (141)            |
| North           | Light Industrial          | Light Industrial                 | M-1A (141)            |
| South           | Vacant                    | Light Industrial                 | M-1A (141)            |
| East            | Retail / Light Industrial | Light Industrial                 | M-1A (TCO)            |
| West            | Vacant                    | Light Industrial                 | M-1A (141)            |

**BACKGROUND:**

The subject site is currently a vacant platted lot within the Princeton Subdivision Plat 1 subdivision. It was platted and provided with public utilities with the development of the Princeton development, located north of SE 19<sup>th</sup> Street.

This site is located within Zone 2 of the HWY 141 Corridor Overlay.

The applicant, JW Commercial Holdings has requested approval to construct an approximately 12,000 square foot single story flex retail building, with a second phase of a 6,000 square foot building located to the south. The improvements for the second phase are being constructed today, with the exception of the utility connects a portion of the parking.

**ANALYSIS:*****Building/Elevations:***

The applicant is proposing to construct a 12,000 square foot single story retail/flex building on the 1.77 acres site. The building is to be constructed out of material including brick masonry, and a metal coping. The required 5 architectural elements are being met with pop-outs, reveals, color/texture changes, variations in roof height, and canopies. Additionally, accent lighting is being provided along the facades that face SE 19<sup>th</sup> Street.

It should be noted that the plans being presented do not meet the minimum masonry requirements, however the applicant is addressing the adjustments. It is anticipated that the revised elevations, meeting the minimum masonry/glazing standards will be available by the meeting.

The building is oriented with the main entry facing south towards SE 19<sup>th</sup> Street. The future building will be located at the SE corner of the building, as shown on the site plan. Service

entries (overhead doors) to access the rear of the flex spaces are on the north side of the building, oriented away from the public row.

*Site Layout:*

The site has full access of SE Destination. No access is shown out to SE 19<sup>th</sup> Street, however it is shown that a future connection to the parcel to the west is planned. An ingress/egress easement is shown to allow for that through access.

Pedestrian access from the public side is being shown in the future along SE 19<sup>th</sup> St. There is also a future access shown along SE Destination. At this time, there is no sidewalk on SE Destination, however it is noted on the plans that the City may request its installation in the future.

A dumpster enclosure, constructed out of material similar to the principal building is provided within the service entry on the west and north-west side of the site.

*Parking:*

Based upon the proposed use, and square footage of the building, 72 spaces are required.

18,000 square feet / 250 square feet = 72

The site is shown to provide 72 parking spaces. The requisite number of accessible parking spaces and the associated signage is also provided.

*Landscaping/Streetscape:*

The property is required to provide 10% open space. As presented, 23% open space is shown on the site. Based upon the required open space, a minimum of 16 trees and 16 shrubs are to be planted on site. Additionally, based upon the linear frontage of the site along the ROW, at least 12 trees and 12 shrubs are to be provided. The proposed site plan indicates that 28 trees and 33 shrubs are to be installed on site.

*Utilities:*

The site's storm water management responsibility is being managed within an underground detention facility. There are a number of intakes and overland collection points provided on the site. In the case of an extreme rain event, there is an emergency overtop flow route provided.

Two new hydrants will be brought onto the site from the existing 8" main adjacent to the SE Destination Drive. The 12,000 square foot building is proposed to be outfitted with a fire suppression system, as such an appropriately located FDC and fire service line are shown on the site.

Sanitary sewer will be accessed via a new connection from the main within the SE 19<sup>th</sup> Street ROW.

**STAFF RECOMMENDATION:**

Based upon staff's review of the project, we would recommend approval of the proposed site plan for 1884 SE Destination Drive, subject to any remaining staff comments.



**CITY OF GRIMES**

A handwritten signature in black ink, appearing to read "Alex Pfaltzgraff". The signature is fluid and cursive, with the first name "Alex" written in a larger, more prominent script than the last name "Pfaltzgraff".

Alex Pfaltzgraff  
Development Services Director



**Development Services**

410 SE Main St, Suite 102

Grimes, IA 50111

(515)986-4050

[www.grimesiowa.gov](http://www.grimesiowa.gov)

~~August 21, 2019~~

**August 29, 2019**

**Bishop Engineering**

Attn: Brad Kuehl

3501 104<sup>th</sup> Street

Urbandale, IA 50322

**RE: Tommy Car Wash**

Dear Project Contact:

The Development Services Department is in receipt of a proposed Site Plan for the Tommy Car Wash. Based on the review of the provided submittal materials, staff have the following comments:

**General Comments:**

- ~~1. Please revise the property description to reflect the accurate designation (Destination Ridge Plat 5, Lot 2.~~
- ~~2. Please note that signage is approved under separate cover.~~
- ~~3. Revise from "Prepared For" to "Applicant".~~
- ~~4. Please include the architectural elevations as part of the site plan (last sheet)~~
- ~~5. Please provide a project schedule.~~
- ~~6. Please note that a KNOX box is required and is to be purchased from the KNOX Company. Please note the location near the front door. Final location will be determined and approved during the pre construction meeting.~~
- ~~7. Please add under Zoning, the Transportation Corridor Overlay.~~
- ~~8. Please indicate the required parking is 2.5 spaces per 1,000 square feet of gross floor area and note that it was determined by the Development Services Director. (13 spaces required)~~
9. Please update the Storm and Sanitary provider to the City of Grimes.



## Sheet C2.1

- ~~10. Please provide additional details for the “Future Building”~~
11. Please provide an ingress/egress easement to allow for future connection to the southern lot from the access point off of SE Miehle Drive. **Please extend easement south to the property line.**
- ~~12. Please provide additional details for the detached canopy. The plans appear to indicate that the canopy is attached.~~
- ~~13. Please label the width of the drive aisle off of E. 1<sup>st</sup> Street.~~
- ~~14. Staff would like to see the transformer and oil pit moved south of the building away from E 1<sup>st</sup> Street.~~
- ~~15. Staff questions why there is the need to transition from a standard 6” curb to a 4” rolled curb.~~
- ~~16. Please revise the exit/bypass drive aisle to 14 feet.~~
- ~~17. Staff questions if there are any ground mounted mechanical units. If so, they must be screened.~~

## Sheet C3.1

- ~~18. Please provide proposed grades for the future building area, as well as a pad elevation.~~
- ~~19. Please provide a few spot elevations along the property lines.~~
- ~~20. Within the southern basin, please revise the bottom slope to at least 2%. Where not feasible, provide for a underdrain.~~
- ~~21. Staff questions if the basin will still be able to overtop if there is a drive proposed. Please provide a conceptual grade layout for the drive aisle so that staff can ensure there is adequate elevation to overtop in the future.~~

## Sheet C4.1

22. Please shift the 71 feet of 15" RCP from S9 to S4 so there is 10 feet of separation from the building.

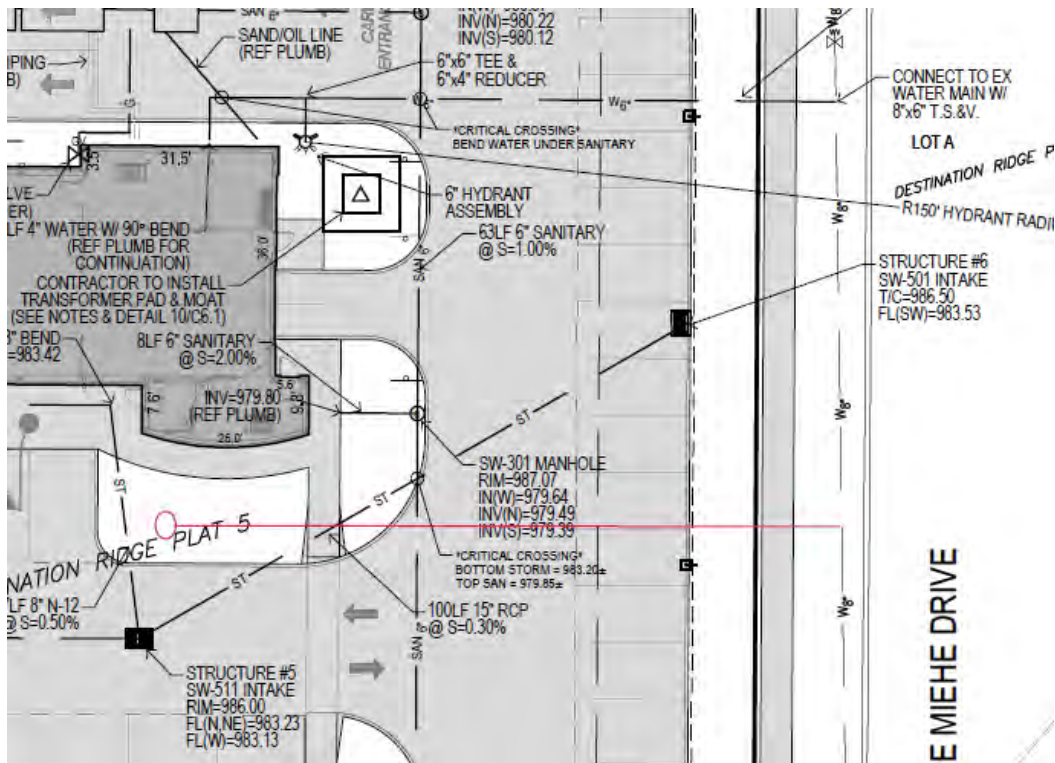
23. Staff questions if S7 needs to be routed to the reclamation system and sand/oil separator.

24. Please revise the CC note under the canopy to reflect what is being crossed over. There is no water in this year.

25. Please provide details for the reclamation system and sand/oil separator.

26. Please provide ramp details for the pedestrian crossings. The ramps should include truncated domes. Staff understands that the PROWAG manual does not address, however staff encourages at least the ramp leading across the drive from the pedestrian connection to provide the truncated domes.

27. Please provide a hydrant layout and coverage plan that is compliance with Section 507.5.1 of the City of Grimes Fire Code. This requires hydrant coverage along an approved route (150-feet) around the building. The proposed hydrant layout does not meet the approved route coverage requirement. Please add as shown below.





## Sheet C5.1

- ~~28. Please note that the site shall be sodded and not seeded.~~
- ~~29. Please fill in and update the tree and shrub count based upon the landscape requirements.~~
- ~~30. Please provide foundation plantings along all elevations.~~
- ~~31. Please provide 2 additional trees along the west edge of the detention basin.~~

## Sheet C6.1

- ~~32. Please provide renderings or photo examples of the “tommy ball”.~~
- ~~33. Staff questions where detail 13 (snowmelt pavement) is being used. Staff questions if the technique is practical in Iowa, particularly given there is not vertical edge frost protection.~~
- ~~34. Staff questions if a drain tile is necessary for detail 1 and 2, where a granular base is being provided. If so, provide details and note on the utility sheets.~~

## Lighting

- ~~35. Please provide the fixture cut sheets from the manufacture.~~
- ~~36. Please add architectural up lighting for the building edges that face the public ROW and provide fixture cut sheets from the manufacture.~~
- 37. Please provide a FC reading for each property line.

## Architecture

- ~~38. Please provide a detail and rendering with material call outs for the dumpster enclosure. Note that the enclosure needs to match the principal building with materials, and be constructed with a metal framed gate.~~
- 39. Please provide % calculations for masonry and glazing. Note that for the elevations facing the public ROW, 40% of the wall length must be provided with clear glass (no mirror effect or tint) at eye level. The remaining elevation must be masonry (brick or stone). Other materials (ACM, Ribbed Panels) require recommendation by P&Z and super majority vote from City Council. **Please note that the glazing must be clear.**

- ~~40. Staff has concern with the acrylic roof. The ordinance does not contemplate this roof material, requiring either shingle, shake or standing seam. Please provide additional information related to the roof material so that staff can further analyze.~~
- ~~41. Please provide details related to the deck height of the roof and mechanical unit height, to ensure that the units are screened.~~

## **SWMP**

42. Please submit a SWPPP (booklet) for review. **Comments forthcoming.**

**Please provide a letter addressing all comments on this comment letter and/or state what was modified on the site plan to address said comments.**

## **SITE PLAN SUBMITTAL SCHEDULE:**

|                               |                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------|
| <b>SUBMITTAL DATE:</b>        | <b>August 27, 2019</b><br><b>(1 PDF of Site plan with Elevation Plan included)</b> |
| <b>PLANNING &amp; ZONING:</b> | <b>September 3, 2019</b> at 5:30 at the Grimes City Hall                           |
| <b>COUNCIL MEETING:</b>       | <b>September 10, 2019</b> at 5:30 at the Grimes City Hall                          |

Please feel free to contact me at [apfaltzgraff@grimesiowa.gov](mailto:apfaltzgraff@grimesiowa.gov) or at (515) 986-4050 if you have any questions or need additional information.

Sincerely,



Alex Pfaltzgraff  
Development Services Director





101 NE Harvey, Grimes, Iowa 50111  
515.986.3036 Fax 515.986.3846

## AGENDA MEMO

For Meeting of September 10, 2019

### **AGENDA HEADING:**

Approval of Site Plan for Tommys Car Wash

### **SYNOPSIS:**

The subject site is currently a vacant platted lot within the Destination Plat 1 Ridge Plat 5 subdivision. It was platted and provided with public utilities with the development of the Destination Ridge subdivision. There are a few remaining developable commercial lots within this subdivision.

The site is located within the Transportation Corridor Overlay.

The applicant, Heart of American Group has requested approval to construct an approximately 5,200 square car wash facility on the 1.83 acre site. The facility is self-serve, and will provide for 1 service bay. There are also self-serve vacuums on the south side of the facility.

The applicant is also showing a future coffee shop on the south 1/3<sup>rd</sup> of the site. This improvement would require a site plan amendment approval, and is not part of this site review / approval process.

### **FISCAL IMPACT:**

N/A

### **PREVIOUS COUNCIL ACTION(S):**

Approve Destination Ridge Plat 5 – Final Plat

### **BOARD/COMMISSION ACTION(S):**

Recommendation of Approval – Planning and Zoning Commission, 9/3/2019

### **STAFF/COMMITTEE RECOMMENDATION:**

Staff would recommend approval of the Tommy Car Wash Site Plan, subject to any remaining staff comments.

# TOMMY'S CAR WASH

## SITE PLAN

### SHEET INDEX:

- C0.1 COVER SHEET
- C0.2 SITE SURVEY
- C2.1 LAYOUT PLAN
- C3.1 GRADING PLAN
- C4.1 UTILITY PLAN
- C5.1 LANDSCAPE PLAN
- C6.1 DETAIL SHEET
- C7.1 SWPPP
- A201 EXTERIOR ELEVATIONS
- A305 DUMPSTER

### PROPERTY DESCRIPTION

LOT 2, DESTINATION RIDGE PLAT 5, AN OFFICIAL PLAT IN THE CITY OF GRIMES, POLK COUNTY, IOWA.

### ADDRESS:

2480 EAST 1ST STREET  
GRIMES, IOWA 50111

### OWNER:

ALL POINTS PROPERTY / KNAPP PROPERTIES  
5000 WESTOWN PARKWAY, SUITE 400  
WEST DES MOINES, IOWA 50266

### APPLICANT:

HEART OF AMERICA GROUP  
515 EAST LOCUST STREET, SUITE 100  
DES MOINES, IOWA 50309

### ZONING:

C-2: GENERAL & HIGHWAY SERVICE COMMERCIAL & TRANSPORTATION CORRIDOR OVERLAY  
BUILDING SETBACKS:

FRONT = 25 FEET (NORTH AND EAST)  
SIDE = NONE  
REAR = 25 FEET (WEST)

### PARKING REQUIREMENTS:

PARKING REQUIREMENTS: 2.5 STALLS PER 1,000 GROSS SF  
(AS DETERMINED BY DEVELOPMENT SERVICES DIRECTOR)

### PARKING PROVIDED:

5,200 SF GROSS SF  
PARKING PROVIDED: 13 STALLS  
15 STANDARD STALLS  
18 VACUUM STALLS  
2 HANDICAP ACCESSIBLE

### OPEN SPACE REQUIREMENTS:

TOTAL SITE AREA = 79,869 SF  
OPEN SPACE REQUIRED = 7,987 SF (10%)  
OPEN SPACE PROVIDED = 38,644 SF (48%)

### IMPERVIOUS SURFACE:

TOTAL = 41,225 SF  
BUILDING = 5,200 SF  
PAVEMENT = 32,342 SF  
SIDEWALK = 3,683 SF

### BENCHMARK:

CP #9000  
NORTHING = 615189.62  
EASTING = 156750.55  
ELEVATION = 990.45  
DESCRIPTION: IRON PIPE WITH RPC, 175 FEET EASTERLY AND NORTHERLY FROM NORTHWEST CORNER OF SUBJECT PROPERTY.

CP #9001  
NORTHING = 615176.10  
EASTING = 1567333.87  
ELEVATION = 989.92  
DESCRIPTION: FOUND CORNER OF LOT 2, IRON PIPE WITH YPC #7844

CP #9002  
NORTHING = 615007.46  
EASTING = 1567306.07  
ELEVATION = 989.29  
DESCRIPTION: IRON ROD WITH RPC, 80 FEET NORTHWEST OF SOUTHWEST CORNER LOT 2.

### PROJECT SCHEDULE:

BEGIN CONSTRUCTION - FALL 2019/SPRING 2020  
END CONSTRUCTION - 6 MONTHS AFTER BEGINNING

### UTILITY MAPS PROVIDED BY:

- ELECTRIC (MIDAMERICAN / 515-252-6632)
- STORM AND SANITARY (CITY OF GRIMES)
- FIBER OPTIC (ICN / 800-572-3940)
- TELEPHONE (CENTURYLINK / 720-578-8090)
- GAS (BLACK HILLS / 515-987-8971)
- WATER (CITY OF GRIMES / 515-822-2320)
- FIBER OPTIC (WINDSTREAM / 800-289-1901)

### GENERAL NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH SUDAS STANDARD SPECIFICATIONS AND ANY AND ALL CITY/COUNTY SUPPLEMENTAL SPECIFICATIONS. THE CITY OF GRIMES MUST BE NOTIFIED BY ALL CONTRACTORS 48 HOURS PRIOR TO COMMENCING WORK.
- IN EVENT OF A DISCREPANCY BETWEEN THE QUANTITY ESTIMATES AND THE DETAILED PLANS, THE DETAILED PLANS SHALL GOVERN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES. ANY DAMAGE TO SAID UTILITIES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT O.S.H.A. CODES AND STANDARDS. NOTHING INDICATED ON THESE PLANS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH THE APPROPRIATE SAFETY REGULATIONS.
- ALL NECESSARY CONSTRUCTION SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES REQUIRED DURING CONSTRUCTION WILL BE FURNISHED BY THE CONTRACTOR. SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES MUST BE IN CONFORMANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS."
- BISHOP ENGINEERING SHALL NOT BE LIABLE FOR ANY INJURIES THAT HAPPEN ON SITE. THIS SHALL INCLUDE BUT NOT BE LIMITED TO TRENCH COLLAPSES FROM VARYING SOIL CONDITIONS OR INJURIES CAUSED BY UNDERGROUND UTILITIES INCLUDING UTILITIES THAT ARE NOT SHOWN ON PLAN.
- THE CONTRACTOR IS LIABLE FOR ALL DAMAGES TO PUBLIC OR PRIVATE PROPERTY CAUSED BY THEIR ACTION OR INACTION IN PROVIDING FOR STORM WATER FLOW DURING CONSTRUCTION. DO NOT RESTRICT FLOWS IN EXISTING DRAINAGE CHANNELS, STORM SEWER, OR FACILITIES.
- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A SCHEDULE FOR PERFORMANCE OF WORK ITEMS. THIS SCHEDULE SHALL BE PROVIDED BY THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. NO WORK SHALL BEGIN UNTIL A SCHEDULE HAS BEEN SUBMITTED AND ACCEPTED. THE CONTRACTOR SHALL THEN PERFORM WORK TO CONFORM TO THE ACCEPTED SCHEDULE.
- LABORATORY TESTS SHALL BE PERFORMED BY THE OWNER UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE SAMPLES OF MATERIAL REQUIRED FOR LABORATORY TESTS AND TESTING IN ACCORDANCE WITH THE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS.
- SOIL IMPORT OR EXPORT ON THIS PROJECT SHALL BE CONSIDERED INCIDENTAL AND WILL NOT BE MEASURED OR PAID FOR SEPARATELY.
- THE CONTRACTOR SHALL PROTECT ALL STRUCTURES NOT SHOWN AS REMOVALS ON THE PLANS.
- THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS PRIOR TO ANY CONSTRUCTION. CONTRACTOR SHALL WORK WITH OWNER OR OWNERS REPRESENTATIVE ON ALL REQUIRED STORM WATER DISCHARGE PERMITS FROM THE IOWA DEPARTMENT OF NATURAL RESOURCES AND THE CITY OF GRIMES.
- GRADING AND EROSION CONTROL SHALL BE DONE IN ACCORDANCE WITH THE APPROVED GRADING PLAN, SWPPP, NPDES DOCUMENTS, AND IOWA DEPARTMENT OF NATURAL RESOURCES REQUIREMENTS.
- THE CONTRACTOR SHALL PICK UP ANY DEBRIS SPILLED ONTO THE ADJACENT RIGHT OF WAY OR ABUTTING PROPERTIES AS THE RESULT OF CONSTRUCTION, AT THE END OF EACH WORK DAY.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROMPT REMOVAL OF ALL MUD THAT HAS BEEN TRACKED OR WASHED UNTO ADJACENT PROPERTY OR RIGHT OF WAY UNTIL SUCH TIME THAT PERMANENT VEGETATION HAS BEEN ESTABLISHED.
- DISPOSE OF ALL EXCESS MATERIALS AND TRASH IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS. PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS MATERIALS NOT DESIRABLE FOR INCORPORATION INTO THE PROJECT.

### PAVING NOTES:

- THE PAVING/ GRADING CONTRACTOR SHALL BACKFILL THE PAVING SLAB AND FINE GRADE THE RIGHT OF WAY AS SOON AFTER THE PAVING AS POSSIBLE. ALL AREAS SHALL BE SEEDED IN ACCORDANCE WITH CITY OF GRIMES STANDARD SPECIFICATIONS AND THE CURRENT VERSION OF SUDAS.
- SUBGRADE PREPARATION AND PAVEMENTS WILL BE CONSTRUCTED FOLLOWING RECOMMENDATIONS IN THE SOILS REPORT. APPROVED SOILS ENGINEER MUST SIGN OFF ON SUBASE PRIOR TO ANY PAVEMENT BEING PLACED.
- SEE DETAILS FOR ALL PAVEMENT THICKNESS.
- ALL PEDESTRIAN WALKWAYS THAT UNLOAD INTO A VEHICLES TRAVELED PATH MUST HAVE A.D.A. DETECTABLE WARNING PANEL(S) AS PER A.D.A. REGULATIONS. PANEL TYPE & COLOR SHALL BE PER CITY STANDARD.
- ALL WALKS, PARKING LOTS, HANDICAP PARKING, RAMPS, ETC. SHALL COMPLY WITH ALL A.D.A. AND CITY CODES. HANDICAP PARKING SIGNAGE IS REQUIRED FOR ALL HANDICAP STALLS AND SHALL BE CONSIDERED INCIDENTAL. IN EVENT OF A DISCREPANCY BETWEEN THE PLANS AND THE A.D.A./CITY CODES THE A.D.A./CITY CODES SHALL GOVERN. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING A.D.A. CODES ARE MET.

### UTILITY NOTES:

- QUANTITY CALLOUTS ON PIPE LENGTHS ARE APPROXIMATE AND SHOULD BE USED FOR REFERENCE ONLY.
- THE CONTRACTOR SHALL PROVIDE AS-BUILTS OF ALL UTILITIES, INCLUDING DEPTH AND LOCATION OF ALL SERVICES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND ALL COSTS ASSOCIATED WITH AS-BUILT TOPO OF DETENTION POND & DETENTION POND STORM SEWER. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING BISHOP ENGINEERING (DAVID BENITZ AT 515-276-0467) TO PERFORM SAID AS-BUILT SURVEY. IF DETENTION PONDS HAVE BEEN GRADED INCORRECTLY, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUBSEQUENT AS-BUILT TOPO SURVEYS UNTIL ISSUES HAVE BEEN RECTIFIED.
- THE CONTRACTOR SHALL COORDINATE THE ADJUSTMENT OF ANY AND ALL EXISTING AND PROPOSED UTILITIES TO PROPOSED GRADES. EXISTING UTILITIES SHALL BE RAISED OR LOWERED IN ACCORDANCE WITH THE UTILITY OWNER REQUIREMENTS. ANY NECESSARY ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- ACTIVE EXISTING FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE REPAIRED, REROUTED, OR CONNECTED TO PUBLIC OR PRIVATE STORM SEWER TO REMAIN IN SERVICE.
- ALL PROPOSED RCP STORM SEWER PIPE JOINTS SHALL BE FABRIC WRAPPED AND THE LAST 3 PIPE SECTIONS ON THE APRON SHALL BE TIED WITH RF-14 TYPE II CONNECTORS. ALL APRONS SHALL HAVE A STANDARD FOOTING AND TRASH GUARD.
- ALL RIP RAP CALLED OUT ON PLANS SHALL BE UNDERLAIN WITH ENGINEERING FABRIC.
- SANITARY SEWER SERVICE CONNECTIONS SHALL BE PLACED AT A SLOPE OF NO LESS THAN 2%. SERVICES SHALL MAINTAIN 18" OF VERTICAL SEPARATION FROM THE WATERMAIN WITH 18" OF COMPACTED LOW PERMEABILITY SOIL BETWEEN THE UTILITIES WITHIN 10' OF THE CROSSING.
- MANDREL AND PRESSURE TESTS SHALL BE REQUIRED FOR ALL PROPOSED SANITARY LINES. TELEVISION OF THE SANITARY SEWER SYSTEM SHALL BE COMPLETED PRIOR TO PAVING UNLESS OTHERWISE APPROVED BY JURISDICTION.
- WATERMAINS SHALL BE C-900. SIZE OF WATERMAIN AS SHOWN ON PLANS.
- THRUST BLOCKS SHALL BE INSTALLED AS REQUIRED AND SHALL BE CONSIDERED INCIDENTAL TO WATERMAIN CONSTRUCTION.
- PROPOSED WATERMAIN SHALL BE PRESSURE TESTED, BACTERIA TESTED AND CHLORINATED. THE FILLING OF THE WATER MAIN SHALL BE DONE BY THE CITY OF GRIMES.
- TRACER WIRE SHALL BE ADDED TO ALL WATER MAIN, AND BROUGHT TO THE SURFACE AT EVERY HYDRANT.
- ALL HYDRANTS WILL IMMEDIATELY BE COVERED WITH A BLACK PLASTIC BAG (OR EQUIVALENT) ONCE THE HYDRANT IS INSTALLED. THE CITY OF GRIMES WILL NOTIFY THE CONTRACTOR WHEN THE BAGS CAN BE REMOVED.
- THE MINIMUM HYDRANT LEAD SHALL BE 3.5 FEET.

### FIELD TILE NOTES:

- ACTIVE EXISTING FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE REPAIRED, REROUTED, OR CONNECTED TO PUBLIC OR PRIVATE STORM SEWER TO REMAIN IN SERVICE. CONNECT TO STORM SEWER WITH AN INSERT-A-TEE OR DIRECTLY TO A STORM STRUCTURE.
- IT IS ANTICIPATED THAT THE SITE CONTAINS FIELD TILES, HOWEVER, LIMITED INFORMATION IS AVAILABLE.
- THIS WORK WILL BE ELIGIBLE FOR A CHANGE ORDER IF, AND ONLY IF, PROPOSED SITE STORM SEWER IS NOT WITHIN 50 FEET OF THE FIELD TILE.
- CONTRACTOR SHALL PROVIDE AS-BUILTS OF FIELD TILES TO BISHOP ENGINEERING.

### UTILITY NOTE:

THE LOCATION OF THE UTILITIES INDICATED ON THE PLANS HAVE BEEN TAKEN FROM THE FIELD SURVEY, EXISTING PUBLIC RECORDS, AND PLANS PROVIDED BY OTHERS. SURFACE UTILITY LOCATIONS HAVE BEEN FIELD LOCATED BY BISHOP ENGINEERING, UNLESS OTHERWISE NOTED. ALL UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE LOCATIONS ONLY. BISHOP ENGINEERING DOES NOT GUARANTEE THE UNDERGROUND LOCATION OF ANY UTILITIES SHOWN. IT SHALL BE THE DUTY OF THE CONTRACTOR TO DETERMINE THE LOCATION AND DEPTH OF ANY UNDERGROUND UTILITIES SHOWN AND IF ANY ADDITIONAL UTILITIES, OTHER THAN THOSE SHOWN ON THE PLANS, MAY BE PRESENT, A REQUEST WAS MADE TO IOWA ONE CALL FOR UTILITY PROVIDERS TO VERIFY, LOCATE, AND MARK THEIR UTILITIES IN THE FIELD.

### UTILITY CONFLICT NOTES:

- UTILITY CONFLICTS MAY EXIST ACROSS THE SITE WITH NEW UTILITIES, GRADING, PAVING ETC. MOST UTILITY CONFLICTS HAVE BEEN CALLED OUT FOR CONTRACTOR CONVENIENCE.
- CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY CONFLICTS THAT ARE EITHER CALLED OUT ON THE PLANS OR THAT CAN BE SEEN ON THE PLANS BETWEEN AN EXISTING UTILITY AND PROPOSED CONSTRUCTION

### WETLAND NOTES:

- BISHOP ENGINEERING DOES NOT PERFORM WETLAND STUDIES OR WETLAND MITIGATION. IT IS THE OWNER'S RESPONSIBILITY TO DETERMINE IF ANY WETLANDS ARE LOCATED ON THE PROJECT SITE AND PERFORM ANY NECESSARY MITIGATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

### STAKING NOTES:

- CONTRACTOR IS REQUIRED TO HAVE ALL STAKING DONE UNDER THE SUPERVISION OF A LICENSED LAND SURVEYOR AND IN COORDINATION WITH THE PROJECT ENGINEER.
- CONTRACTOR IS REQUIRED TO HAVE ALL STAKING DONE DIRECTLY UNDER THE GENERAL CONTRACTOR BY A SINGLE COMPANY.
- STAKING DOES NOT RELIEVE CONTRACTOR OF ULTIMATE RESPONSIBILITY TO CONSTRUCT THE PROJECT PER PLAN.

### PAVEMENT SAWCUT NOTES:

- CONTRACTOR TO PROVIDE SAWCUT JOINTING PLAN TO JOEL JACKSON, BISHOP ENGINEERING (515-276-0467 OR JJACKSON@BISHOPENG.R.COM) PRIOR TO ANY CONCRETE PAVEMENT INSTALLATION.
- PAVEMENT MAY BE REQUIRED TO BE REMOVED AND REPLACED IF PLACED WITHOUT AN APPROVED PLAN.
- LONGITUDINAL JOINTS IN DRIVE LANES & THE OUTER MOST JOINT OF ALL PARKING AREAS SHALL BE SUDAS TYPE 1-1' OR 1-2' JOINTS AND HAVE STEEL. INTERIOR PARKING LOT JOINTS, OTHER THAN THE OUTER MOST JOINT, DO NOT NEED STEEL AND SHALL BE SUDAS TYPE 'B' OR TYPE 'X' JOINTS.
- ALL TRANSVERSE JOINTS SHALL BE SUDAS TYPE 'C' OR TYPE 'DW' JOINTS WITH STEEL IN THE CASE OF A DAY'S WORK JOINT.

### REQUIRED AS-BUILT NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COST OF AS-BUILT TOPO OF ALL DETENTION PONDS & DETENTION POND STORM SEWER.
- CONTRACTOR SHALL CONTACT BISHOP ENGINEERING (JOEL JACKSON AT 515-276-0467) TO PERFORM SAID AS-BUILT SURVEYS.
- IF ANYTHING HAS BEEN CONSTRUCTED INCORRECTLY, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUBSEQUENT AS-BUILT SURVEYS UNTIL ISSUES HAVE BEEN RECTIFIED.

### STORM & SANITARY TELEVISION NOTES:

- CONTRACTOR IS REQUIRED TO TELEWISE ALL SANITARY AND STORM SEWER SYSTEM PRIOR TO PAVING OPERATIONS.
- CONTRACTOR SHALL SEND VIDEO INSPECTION TO THE ENGINEER FOR APPROVAL PRIOR TO PAVING.
- CONTRACTOR SHALL PROVIDE COPIES OF THE REPORTS AND VIDEOS TO THE GRIMES ENGINEERING DEPARTMENT FOR APPROVAL PRIOR TO PAVING.

### EARTHWORK BALANCE NOTES:

- SOIL IMPORT OR EXPORT ON THIS PROJECT SHALL BE CONSIDERED INCIDENTAL AND WILL NOT BE MEASURED OR PAID FOR SEPARATELY. CONTRACTOR RESPONSIBLE FOR MAKING THE SITE EARTHWORK BALANCE.
- THIS INCLUDES BUT IS NOT LIMITED TO TOPSOIL, POOR SOILS AND STRUCTURAL FILL NECESSARY TO MEET PROJECT PLANS AND SPECIFICATIONS.

### CITY OF GRIMES STANDARD NOTES:

#### 1. GENERAL NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT VERSION OF THE URBAN STANDARDS SPECIFICATIONS FOR PUBLIC IMPROVEMENTS ON THE DATE OF APPROVAL AND THE CITY OF GRIMES SUPPLEMENTAL SPECIFICATIONS.
- A PRECONSTRUCTION MEETING IS REQUIRED PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THIS MEETING. CONTACT BRANDT WILLIAMSON WITH FOX ENGINEERING (515.233.0000).
- ALL PERMITS (IDNR, IDOT, ARMY CORP., ETC.) SHALL BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE CITY OF GRIMES WITH RECORD DRAWINGS OF ALL IMPROVEMENTS AS PER CITY STANDARD PROCEDURES.
- A KNOX BOX IS REQUIRED BY THE FIRE DEPARTMENT AND SHALL BE OBTAINED AT CITY HALL.
- ALL SITE LIGHTING SHALL NOT SPILL ONTO ADJACENT PROPERTIES OR RIGHT-OF-WAYS.

#### 2. SANITARY SEWER NOTES:

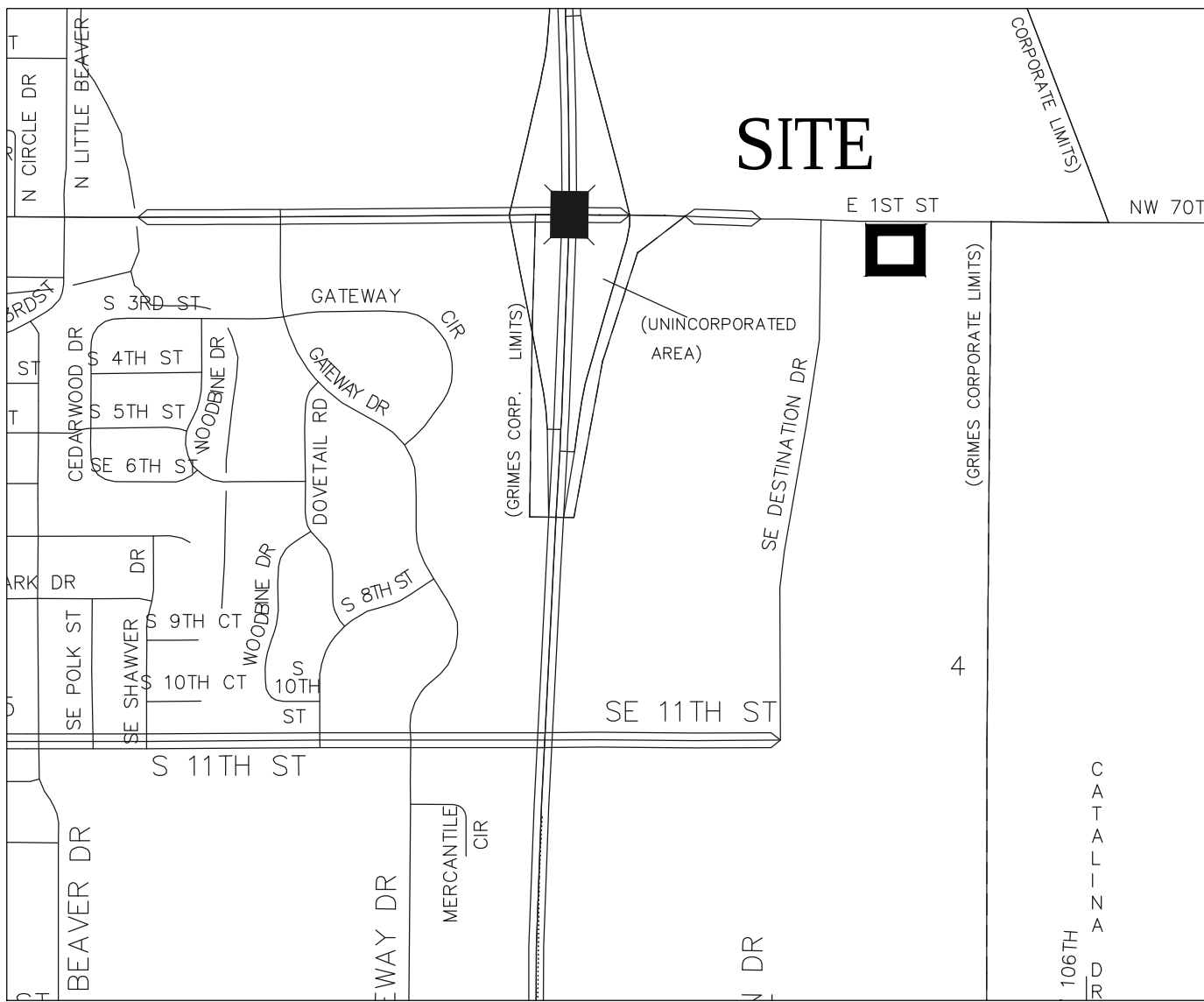
- THE CONTRACTOR IS REQUIRED TO PLACE A TEMPORARY PLUG IN THE EXISTING DOWNSTREAM SANITARY SEWER MANHOLE PRIOR TO THE START OF CONSTRUCTION. THE PLUG SHALL BE REMOVED FOLLOWING APPROVAL OF CONSTRUCTION BY THE CITY OF GRIMES.
- SANITARY GRAVITY PIPE MATERIAL SHALL BE PVC SDR 26 OR TRUSS (8" TO 15").
- SANITARY GRAVITY SERVICE PIPE MATERIAL SHALL BE PVC SDR 23.5 (4" TO 6").
- ALL SANITARY SEWER MANHOLES SHALL HAVE STEPS.
- ALL SANITARY SEWER MANHOLES CASTINGS SHALL BE SEALED WITH INTERIOR CHIMNEY SEALS.
- ALL SANITARY SEWER MANHOLE CASTINGS LOCATED WITHIN PAVEMENT SHALL BE BOXED OUT.
- TELEVISION OF THE SANITARY SEWER SYSTEM SHALL BE COMPLETED PRIOR TO PAVING. THE SEWER SYSTEM SHALL BE FLUSHED WITH WATER PRIOR TO TELEVISIONING.

#### 3. WATER MAIN NOTES:

- ALL FIRE HYDRANTS SHALL BE AMERICAN FLOW CONTROL-WATEROUS PACER WB-67-250, MUELLER SUPER CENTURION 250 (3-WAY A-423) OR CLOW MEDALLION F-2545. ALL HYDRANTS SHALL HAVE THE FOLLOWING: 6" MJ SHOE, 2-1/2" HOSE NOZZLE, 4-1/2" STEAMER NOZZLE, NST THREADS, PENTAGON OPERATING NUT, CHAIN ON CAP, OPEN LEFT, 5-1/2" BURY, AND FACTORY PAINTED RED. THE MINIMUM SPOOL PIPE LENGTH FROM AUXILIARY VALVE TO HYDRANT SHOE SHALL BE 2.0'.
- ALL HYDRANTS WILL IMMEDIATELY BE COVERED WITH A BLACK PLASTIC BAG (OR EQUIVALENT) ONCE THE HYDRANT IS INSTALLED. THE CITY OF GRIMES WILL NOTIFY THE CONTRACTOR WHEN THE BAGS CAN BE REMOVED.
- A TRACER WIRE RECEPTACLE SHALL BE INSTALLED AT EACH HYDRANT.
- ALL VALVES SHALL BE RESILIENT WEDGE GATE VALVES.
- WATER SERVICE SHALL BE 1-INCH MINIMUM TYPE K COPPER.
- PROPOSED WATER MAIN SHALL BE PRESSURE TESTED AND CHLORINATED BY THE CONTRACTOR. THE FILLING OF THE WATER MAIN SHALL BE DONE BY THE CITY OF GRIMES. THE BACTERIA TEST AND SUBMITTAL OF TEST TO LAB SHALL BE DONE BY THE CONTRACTOR AND RESULTS PROVIDED BY FAX TO US WATER AT 515-986-7300. IF THE TEST DOES NOT PASS, THE CONTRACTOR WILL BE REQUIRED TO PAY FOR ALL THE WATER USED TO REPEAT THE TEST.

#### 4. STORM SEWER NOTES:

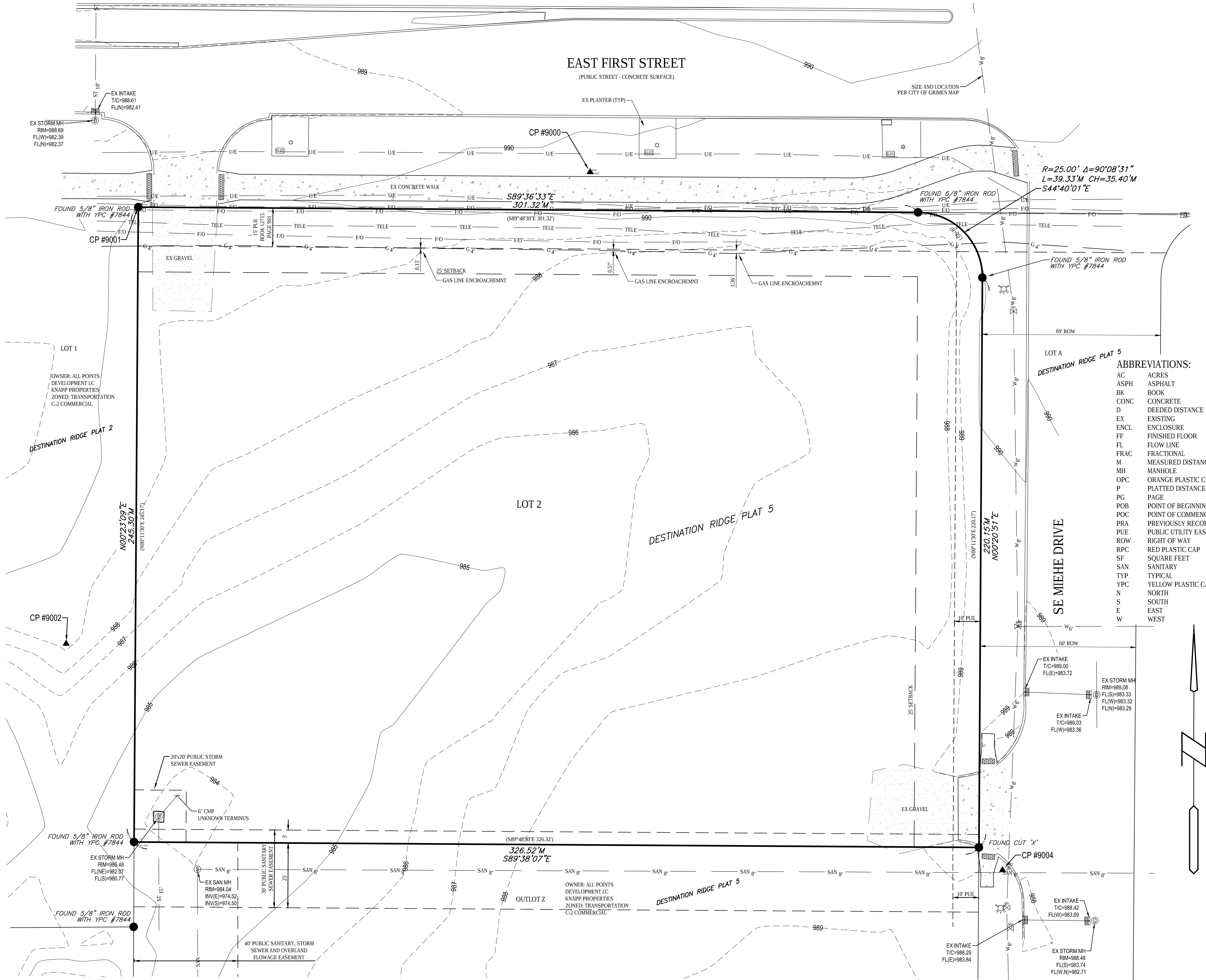
- ALL STORM SEWER IN THE ROW SHALL BE RCP, UNLESS OTHERWISE APPROVED BY THE CITY.
- ALL FLARED END SECTIONS SHALL HAVE FOOTINGS AND APRON GRATES. THE LAST 3 PIPE SECTIONS AND THE FLARED END SECTION ON ALL CULVERTS SHALL BE TIED. ALL STORM SEWER JOINTS SHALL BE WRAPPED WITH ENGINEERING FABRIC.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY FIELD TILE DAMAGED DURING CONSTRUCTION. THE TILE SHOULD BE DIRECTED TO PUBLIC STORM SEWER IF POSSIBLE. THE CONTRACTOR SHALL RECORD THE ELEVATION AND LOCATION OF ALL TILES.
- ALL SUMP SERVICE LINES SHALL HAVE TRACER WIRE.





# TOMMY'S CAR WASH

## SITE SURVEY



VICINITY MAP  
SCALE: 1" = 2,000'

**PROPERTY DESCRIPTION:**  
(WARRANTY DEED BOOK 16009, PAGE 825)  
PARCEL "A" OF OUTLOT "Y" IN DESTINATION RIDGE PLAT 1, AN OFFICIAL PLAT, NOW INCLUDED IN AND FORMING A PART OF THE CITY OF GRIMES, POLK COUNTY, IOWA, BEING MORE PARTICULARLY DESCRIBED ON THE PLAT OF SURVEY FILED DECEMBER 17, 2008 IN BOOK 12855, PAGE 497 IN THE OFFICE OF THE POLK COUNTY RECORDER, POLK COUNTY, IOWA.

**ADDRESS:**  
2480 E 1ST STREET  
GRIMES, IOWA 50111

**OWNER:**  
ALL POINTS DEVELOPMENT LC  
KNAPP PROPERTIES  
5000 WESTOWN PARKWAY  
SUITE 400  
WEST DES MOINES, IOWA 50266-5921

**PREPARED FOR:**  
HEART OF AMERICA GROUP  
515 E. LOCUST STREET, SUITE 100  
DES MOINES, IOWA 50309  
515-991-2395

**ZONING:**  
INFORMATION OBTAINED FROM CITY OF GRIMES WEB PAGE  
TRANSPORTATION OVERLAY DISTRICT  
C-2 COMMERCIAL DISTRICT  
FOR AN OFFICIAL ZONING REPORT PLEASE CALL CITY OF GRIMES AT 515-986-3036

**SITE CONTROL AND BENCHMARKS:**  
BASIS OF BEARING OBTAINED FROM GPS OBSERVATIONS  
DATUM = NAD 83, IOWA SOUTH  
BENCHMARK DATUM = NAVD83

**CP #9000**  
NORTHING = 615189.62  
EASTING = 156750.55  
ELEVATION = 990.45  
DESCRIPTION: IRON PIPE WITH R.P.C. 175 FEET EASTERLY AND NORTHERLY FROM NORTHWEST CORNER OF SUBJECT PROPERTY.

**CP #9001**  
NORTHING = 615176.10  
EASTING = 1567333.87  
ELEVATION = 989.92  
DESCRIPTION: FOUND CORNER OF LOT 2, IRON PIPE WITH Y.P.C. #7844

**CP #9002**  
NORTHING = 615007.46  
EASTING = 1567306.07  
ELEVATION = 989.29  
DESCRIPTION: IRON ROD WITH R.P.C. 80 FEET NORTHWEST OF SOUTHWEST CORNER OF LOT 2

**CP #9004**  
NORTHING = 614919.96  
EASTING = 1567667.92  
ELEVATION = 988.68  
DESCRIPTION: IRON ROD WITH R.P.C. 13 FEET SOUTHEAST OF SOUTHEAST CORNER OF LOT 2

**OFFSITE BENCHMARK:**  
CITY BENCHMARK H78-004  
BURY BOLT ON HYDRANT SOUTHWEST CORNER OF E 1ST STREET AND DESTINATION DRIVE, NORTH SIDE OF STREET  
ELEVATION = 988.36

**OFFSITE BENCHMARK:**  
CITY BENCHMARK H6N-001  
ARROWHEAD ON HYDRANT +/- 300 FEET EAST OF SOUTHWEST CORNER OF E 1ST STREET AND DESTINATION DRIVE  
ELEVATION = 988.36

### UTILITY MAPS PROVIDED BY:

- ELECTRIC (MIDAMERICAN / 515-252-6632)
- STORM AND SANITARY (CITY OF GRIMES / 515-822-2320)
- FIBER OPTIC (ICN / 800-572-3940)
- TELEPHONE (CENTURYLINK / 720-578-8090)
- GAS (BLACK HILLS / 515-987-8971)
- WATER (CITY OF GRIMES / 515-822-2320)
- FIBER OPTIC (WINSTREAM / 800-289-1901)

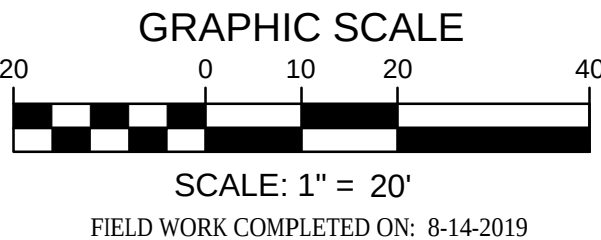
### LEGEND:

- SAN — SANITARY SEWER
- ST — STORM SEWER
- W — WATER LINE
- G — GAS LINE
- U/E — UNDERGROUND ELECTRIC
- O/E — OVERHEAD ELECTRIC
- TELE — TELEPHONE LINE
- F/O — FIBER OPTIC
- CATV — CABLE TV
- ① — STORM MANHOLE
- ⊠ — CURB INTAKE
- ⊡ — SURFACE INTAKE
- ⊢ — FLARED END SECTION
- Ⓢ — SANITARY MANHOLE
- Ⓢ — CLEANOUT
- Ⓢ — FIRE HYDRANT
- Ⓢ — SPRINKLER
- Ⓢ — IRRIGATION CONTROL VALVE
- Ⓢ — WATER MANHOLE
- Ⓢ — WELL
- Ⓢ — WATER VALVE
- Ⓢ — WATER SHUT OFF
- Ⓢ — YARD HYDRANT
- Ⓢ — ELECTRIC MANHOLE
- Ⓢ — ELECTRIC METER
- Ⓢ — ELECTRIC RISER
- Ⓢ — ELECTRIC VAULT
- Ⓢ — POWER POLE
- Ⓢ — TRANSFORMER POLE
- Ⓢ — LIGHT POLE
- Ⓢ — ELECTRIC JUNCTION BOX
- Ⓢ — ELECTRIC PANEL
- Ⓢ — TRANSFORMER
- Ⓢ — GROUND LIGHT
- Ⓢ — GUY WIRE
- Ⓢ — ELECTRIC HANDHOLE
- Ⓢ — GAS METER
- Ⓢ — GAS VALVE
- Ⓢ — AIR CONDITIONING UNIT
- Ⓢ — TELEPHONE RISER
- Ⓢ — TELEPHONE VAULT
- Ⓢ — TELEPHONE MANHOLE
- Ⓢ — TRAFFIC SIGNAL MANHOLE
- Ⓢ — FIBER OPTIC RISER
- Ⓢ — FIBER OPTIC FAULT
- Ⓢ — CABLE TV RISER
- Ⓢ — SIGN
- — BOLLARDS
- ⑦ — DENOTES NUMBER OF PARKING STALLS
- — PROPERTY CORNER - FOUND AS NOTED
- — PROPERTY CORNER - PLACED 3/4" IRON PIPE WITH YELLOW PLASTIC CAP ID # 14775 OR AS NOTED
- ⊕ — SECTION CORNER - FOUND AS NOTED
- ▲ — SITE CONTROL POINT - MONUMENT AS NOTED

### NOTES:

- ADJACENT PROPERTY OWNER INFORMATION OBTAINED FROM POLK COUNTY ASSESSORS WEB PAGE
- PARENTHESES ( ) DENOTES PREVIOUSLY RECORDED BEARINGS AND DISTANCES

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### UTILITY NOTE:

THE LOCATION OF THE UTILITIES INDICATED ON THE PLANS HAVE BEEN TAKEN FROM THE FIELD SURVEY, EXISTING PUBLIC RECORDS, AND PLANS PROVIDED BY OTHERS. SURFACE UTILITY LOCATIONS HAVE BEEN FIELD LOCATED BY BISHOP ENGINEERING, UNLESS OTHERWISE NOTED. ALL UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE LOCATIONS ONLY. BISHOP ENGINEERING DOES NOT GUARANTEE THE UNDERGROUND LOCATION OF ANY UTILITIES SHOWN. IT SHALL BE THE DUTY OF THE CONTRACTOR TO DETERMINE THE LOCATION AND DEPTH OF ANY UNDERGROUND UTILITIES SHOWN AND IF ANY ADDITIONAL UTILITIES, OTHER THAN THOSE SHOWN ON THE PLANS, MAY BE PRESENT. A REQUEST WAS MADE TO IOWA ONE CALL FOR UTILITY PROVIDERS TO VERIFY, LOCATE, AND MARK THEIR UTILITIES IN THE FIELD.

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2480 EAST 1ST STREET  
GRIMES, IOWA 50111

SITE SURVEY

REFERENCE NUMBER:

DRAWN BY:  
LM

CHECKED BY:

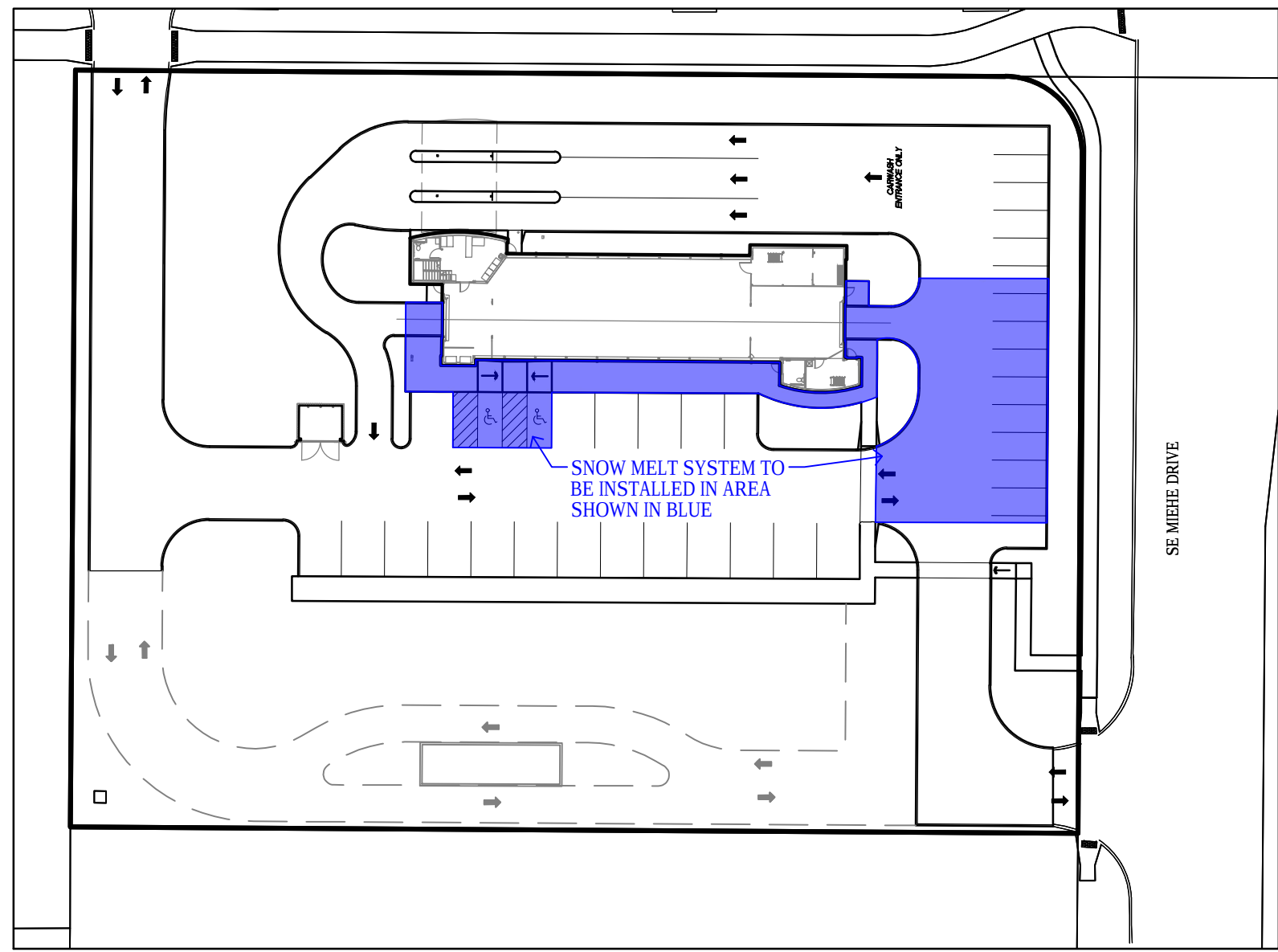
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PROJECT NUMBER:  
190434

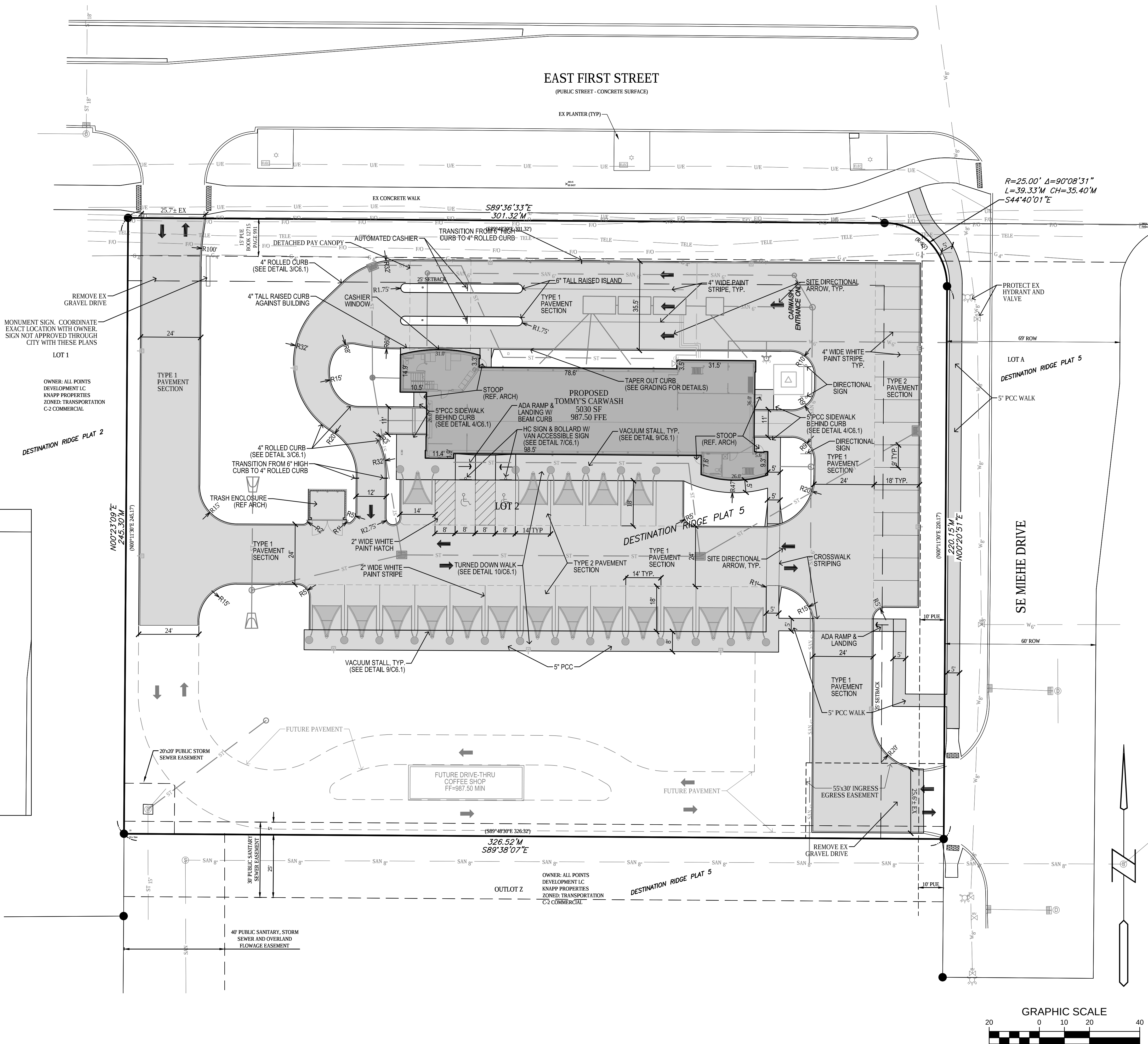
SHEET NUMBER:  
C0.2



GENERAL NOTES:  
REFER TO SHEET C0.1



SNOWMELT EXHIBIT  
SCALE: 1" = 50'



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**TOMMY'S CAR WASH**  
**GRIMES, IA**

REFERENCE NUMBER:

DRAWN BY:  
CLT

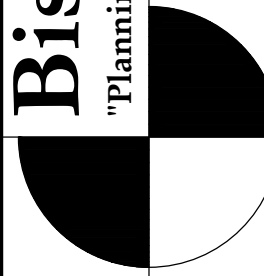
CHECKED BY:  
JEJ

REVISION DATE:  
8/14/19 1ST CITY SET  
8/27/19 2ND CITY SET

PROJECT NUMBER:  
**190434**

SHEET NUMBER:  
**C2.1**

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**LAYOUT PLAN**

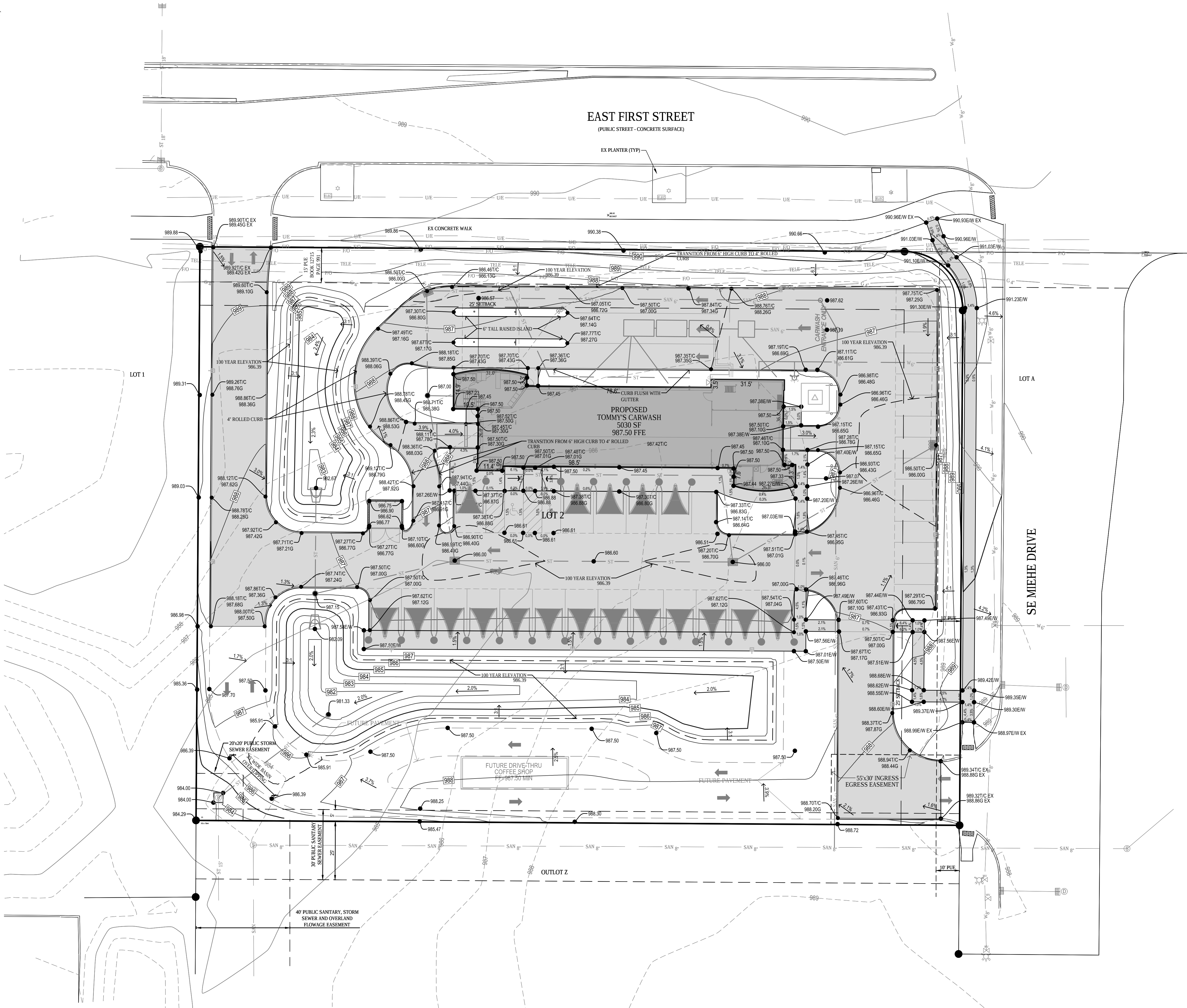
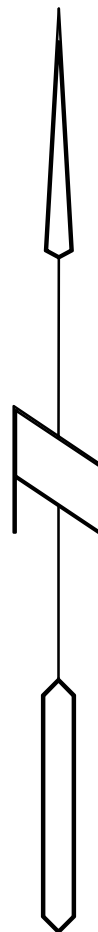
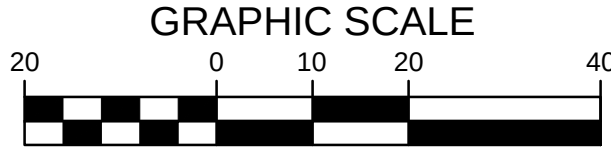


- TOPSOIL NOTES:
1. STRIP AND STOCKPILE THE TOP 8" OF SOIL ON ALL DISTURBED AREAS.
  2. RESPREAD TOPSOIL TO A MINIMUM DEPTH OF 8" ON ALL GREEN (NON PAVED) AREAS. IMPORT TOPSOIL AS NECESSARY TO ACHIEVE A MINIMUM DEPTH OF 6".
  3. TOPSOIL SHALL BE FREE OF ALL ROCK AND DEBRIS LARGER THAN 3/4" IN SIZE.
  4. TOPSOIL IS DEFINED AS: FERTILE, FRIABLE LOAM, CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH, FROM WELL DRAINED SITE FREE FROM FLOODING, NOT IN FROZEN OR MUDDY CONDITIONS; REASONABLE FREE FROM SUBSOIL, CLAY LUMPS, ROOTS, GRASS, WEEDS, STONES LARGER THAN 3/4 INCH IN DIAMETER, AND FOREIGN MATTER; ACIDITY RANGE (PH) OF 5.5 TO 7.5; CONTAINING MINIMUM 4 PERCENT AND MAXIMUM 20 PERCENT ORGANIC MATTER.
  5. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL TOPSOIL REQUIREMENTS OF NPDES GENERAL PERMIT NO. 2 ARE MET.

GRADING LEGEND:

- EXISTING CONTOUR  
PROPOSED CONTOUR  
FINISHED GROUND ELEVATION  
TOP OF CURB ELEVATION  
GUTTER ELEVATION  
TOP OF WALL ELEVATION  
BOTTOM OF WALL ELEVATION  
EDGE OF WALK ELEVATION  
TOP OF STAIR ELEVATION  
BOTTOM OF STAIR ELEVATION

NOTE: WALL ELEVATIONS SHOWN ON PLAN ARE FINISHED GROUND GRADES AT THE TOP AND BOTTOM OF THE WALL.



TOMMY'S CAR WASH  
GRIMES, IA

REFERENCE NUMBER:

DRAWN BY:

CLT

CHECKED BY:

JEJ

REVISION DATE:

8/14/19 1ST CITY SET

8/27/19 2ND CITY SET

PROJECT NUMBER:

190434

SHEET NUMBER:

C3.1

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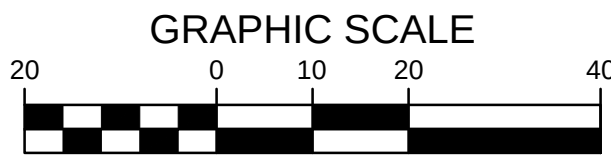
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GRADING PLAN



1. ALL PROPOSED UTILITIES SHALL BE PRIVATE, UNLESS NOTED OTHERWISE.
2. ALL WATER LINES SHALL HAVE A MINIMUM OF 5:5 OF COVER UNLESS NOTED OTHERWISE.
3. FIRE HYDRANT ASSEMBLY SHALL INCLUDE THE TEE, BRANCH, VALVE AND HYDRANT.
4. PIPES Laid OUT ON PLANS INCLUDE FLARED END SECTION, WHERE APPLICABLE.
5. STORM SEWER CALLED OUT AS RCP MUST BE CLASS III RCP.
6. STORM SEWER CALLED OUT AS N-12 MAY BE EITHER N-12 OR CLASS III RCP.
7. FOR RCP PIPE, ASSOCIATED F.E.S. MUST BE RCP. FOR N-12 PIPE, ASSOCIATED F.E.S. SHALL BE CMP.
8. TRANSFORMER PAD IS SHOWN FOR REFERENCE ONLY AND MAY NOT BE DRAWN TO ACTUAL SIZE.
9. PAD SHALL CONFORM TO ALL UTILITY COMPANY DESIGN STANDARDS AND SPECIFICATIONS.
10. SIGNS SHALL BE INSTALLED AT THE KNOX BOX COMPANY AND LOCATED NEAR THE FRONT ENTRANCE. FINAL LOCATION TO BE DETERMINED AND APPROVED DURING THE PRE-CONSTRUCTION MEETING.

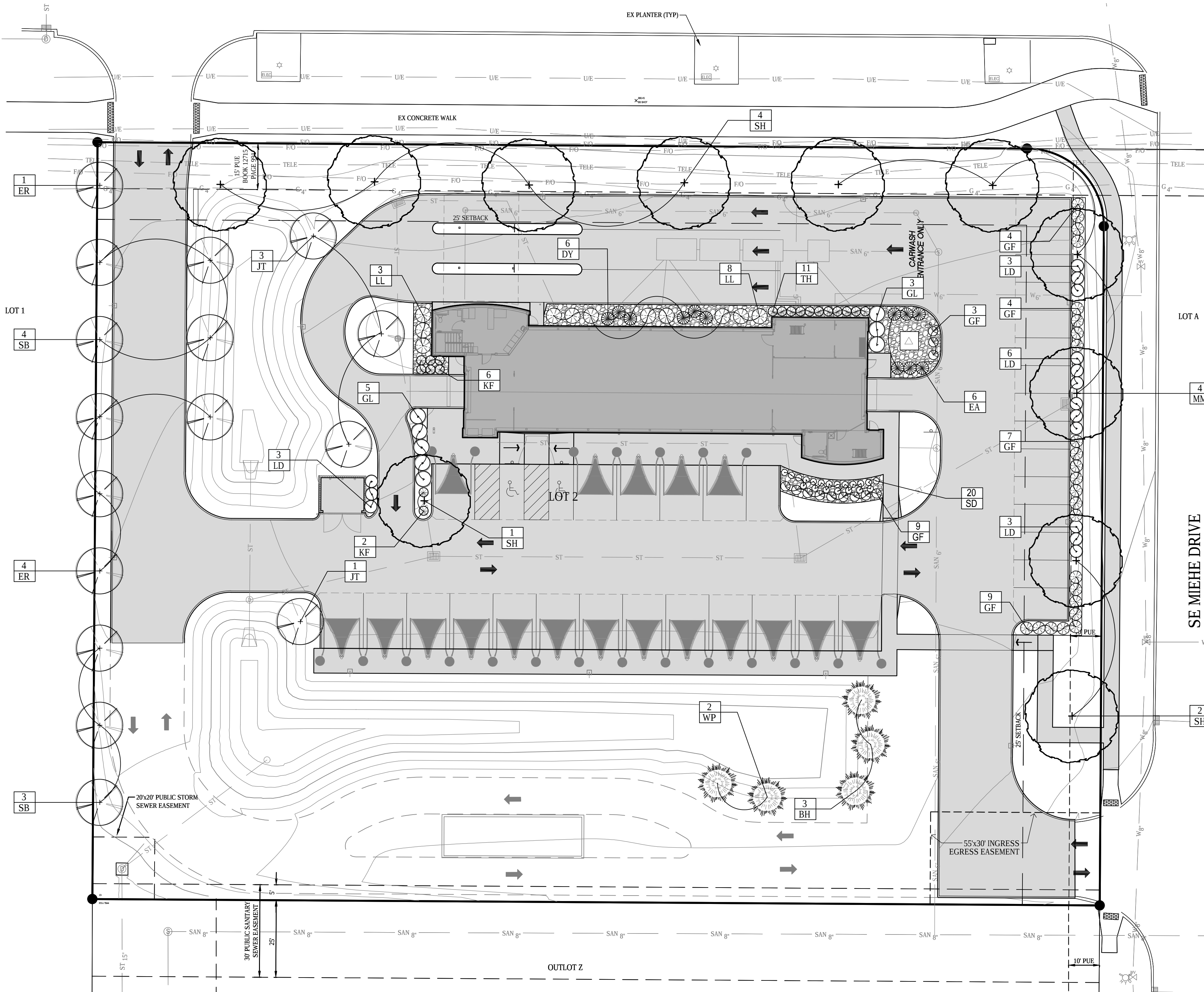
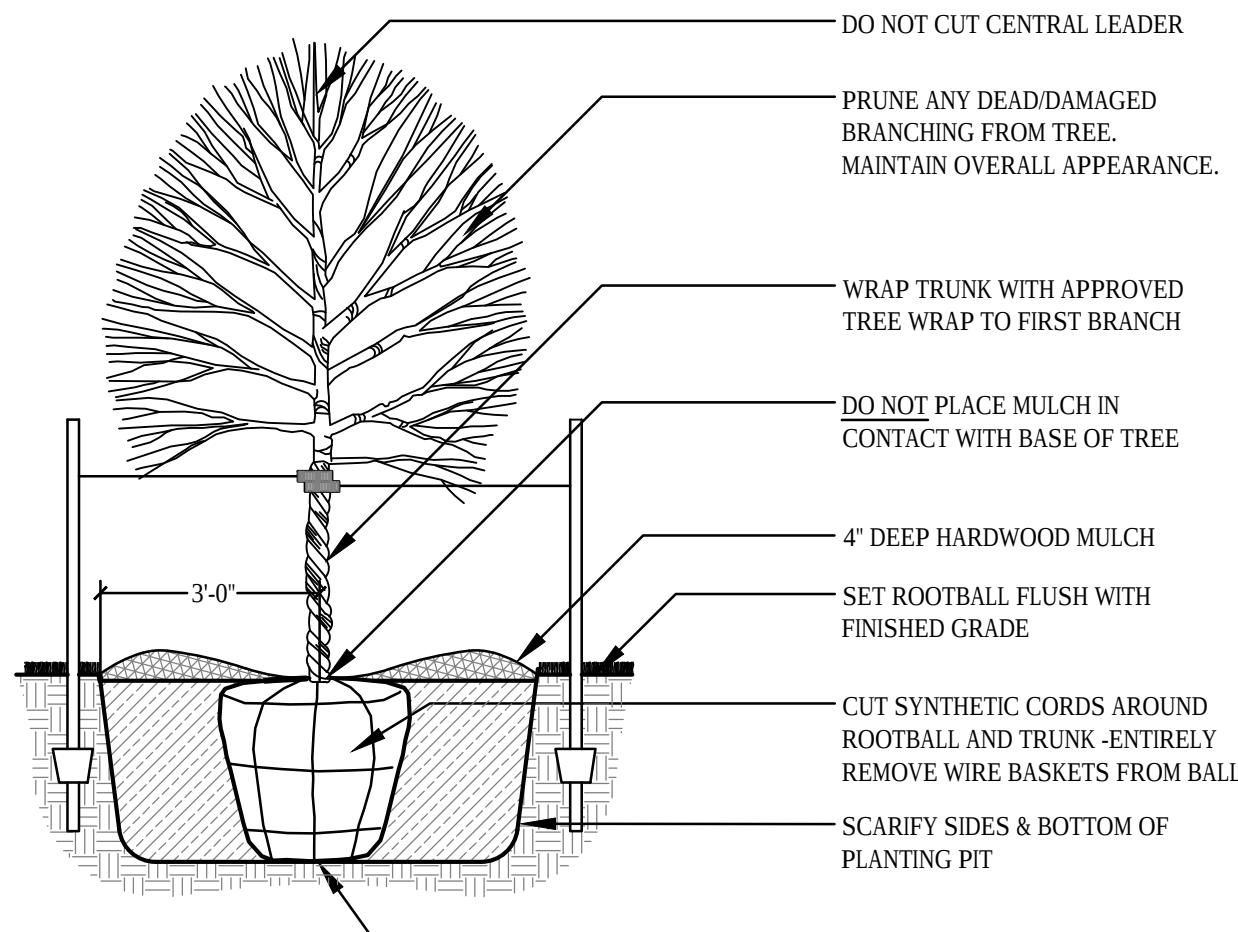
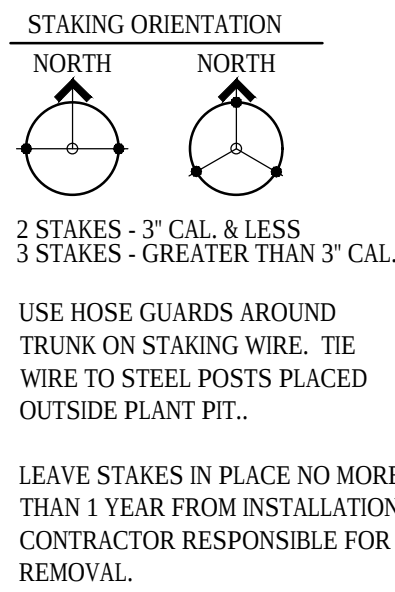
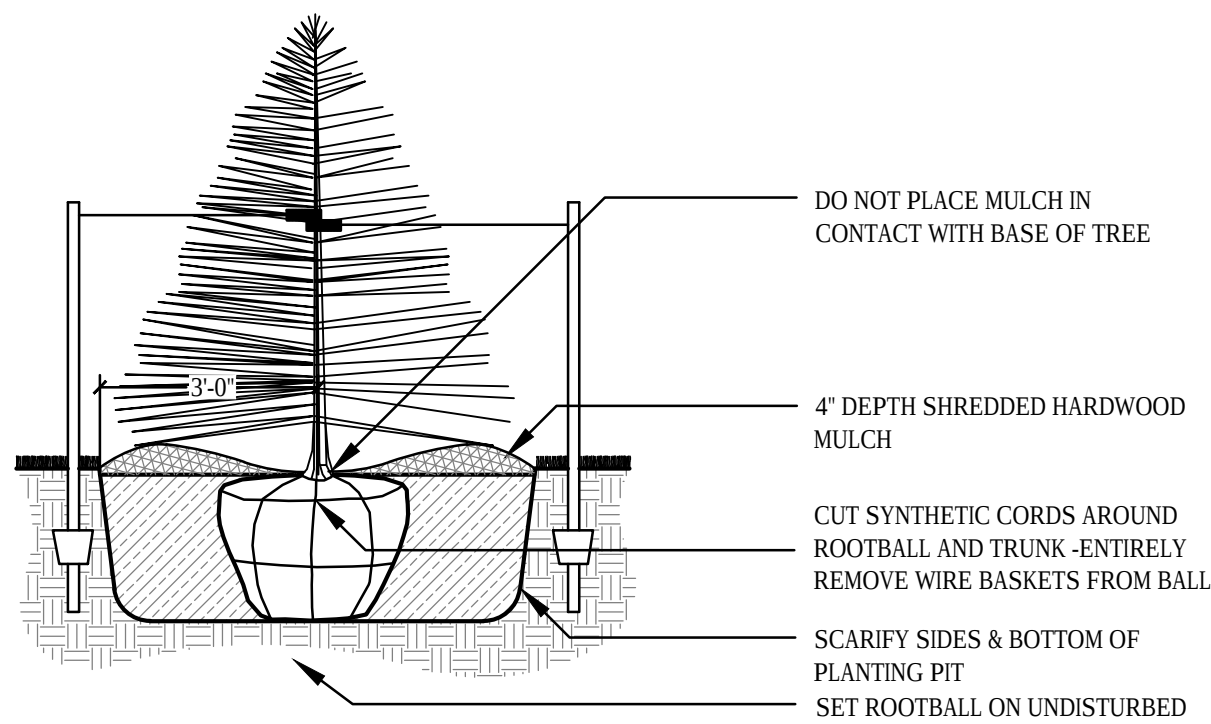
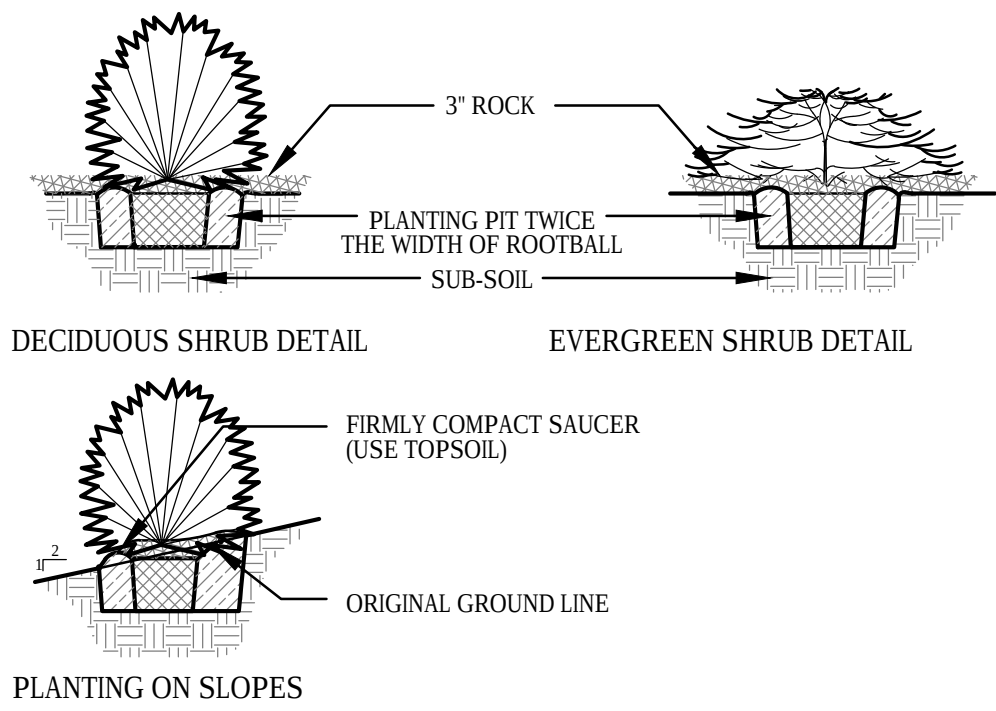
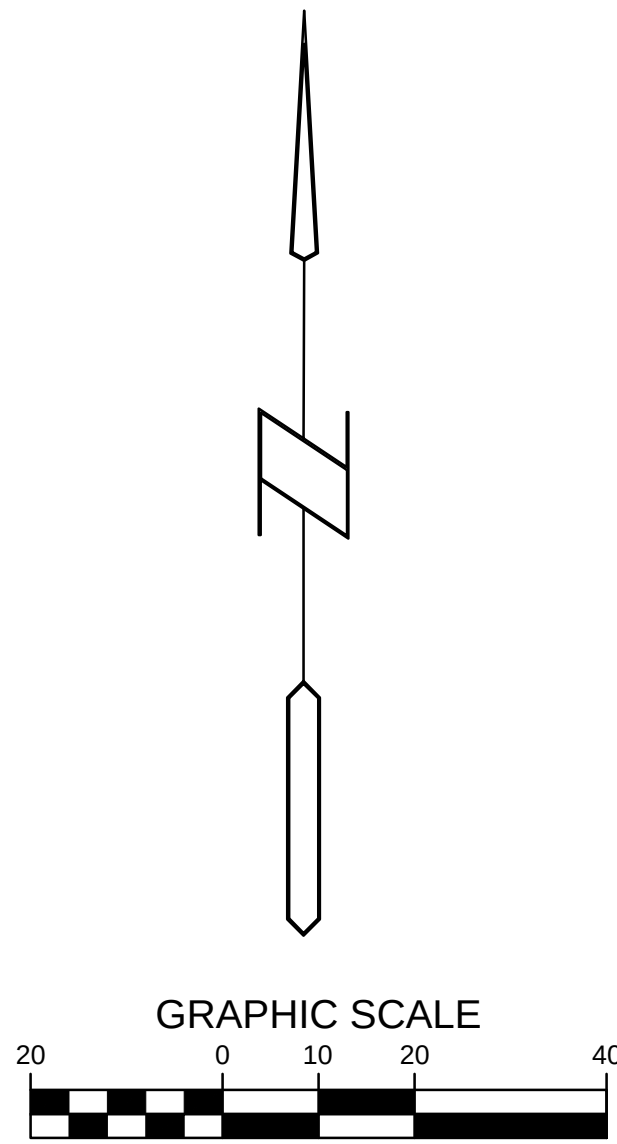
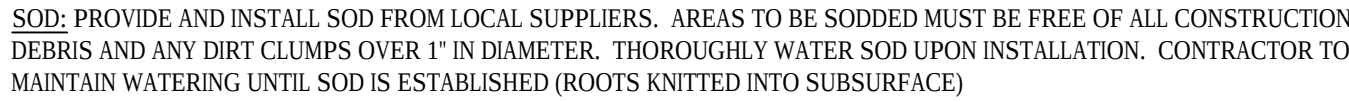




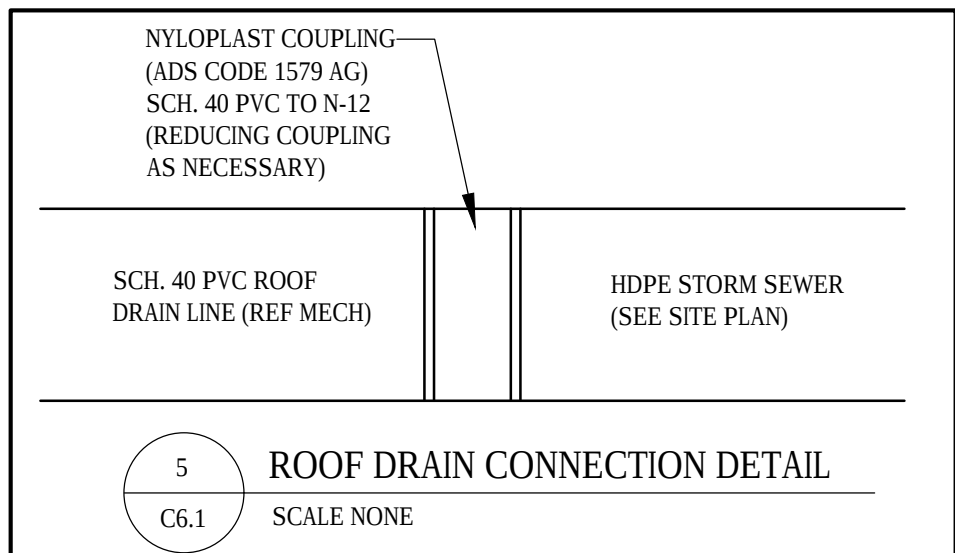
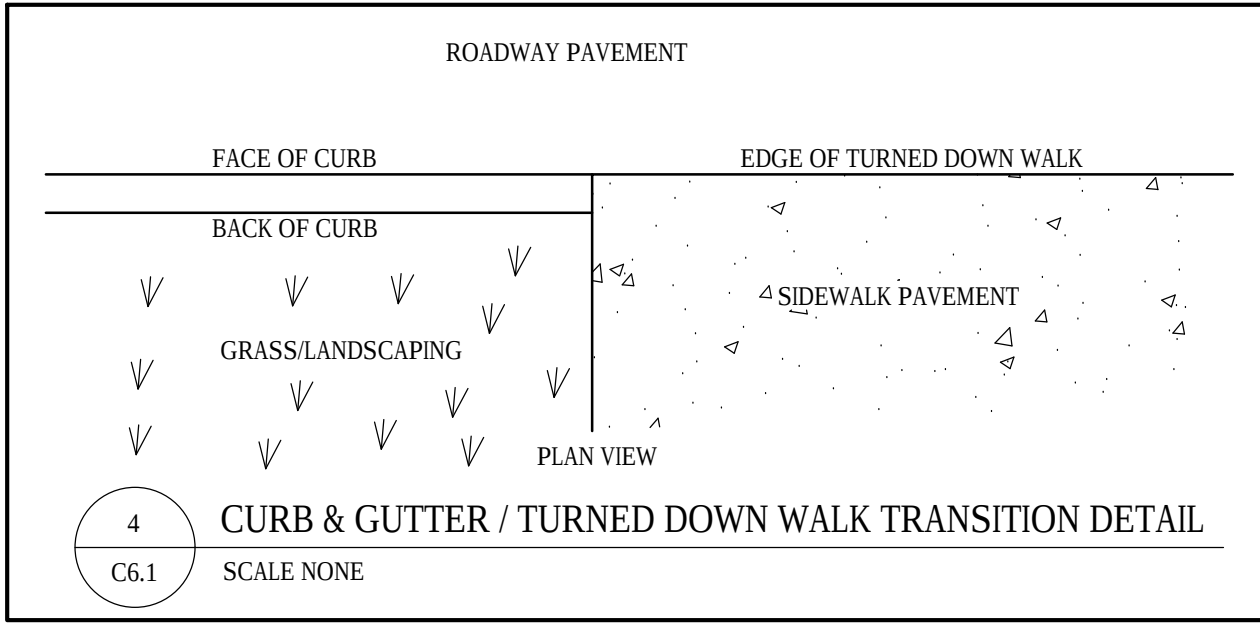
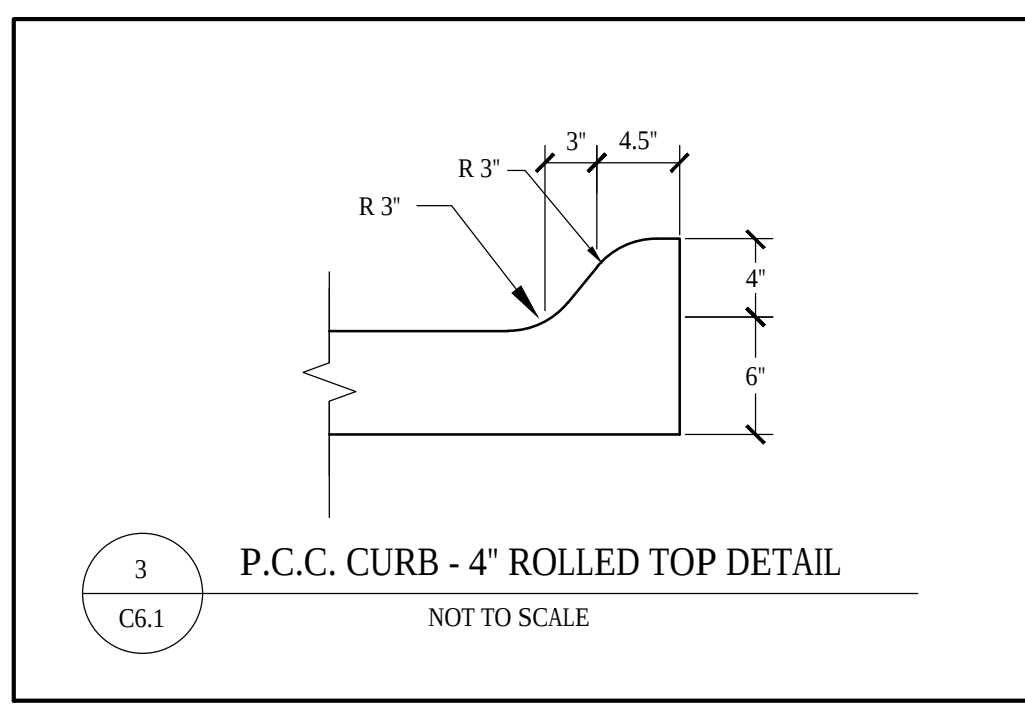
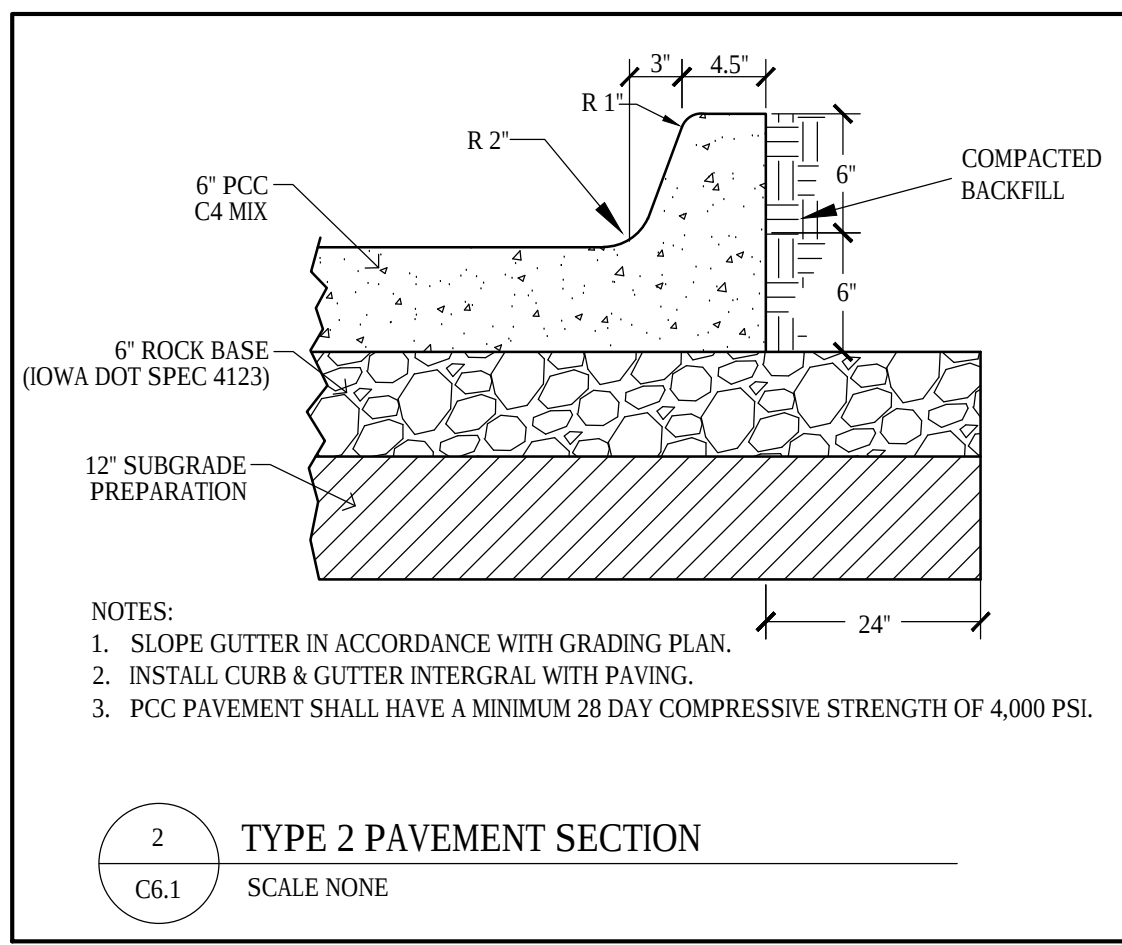
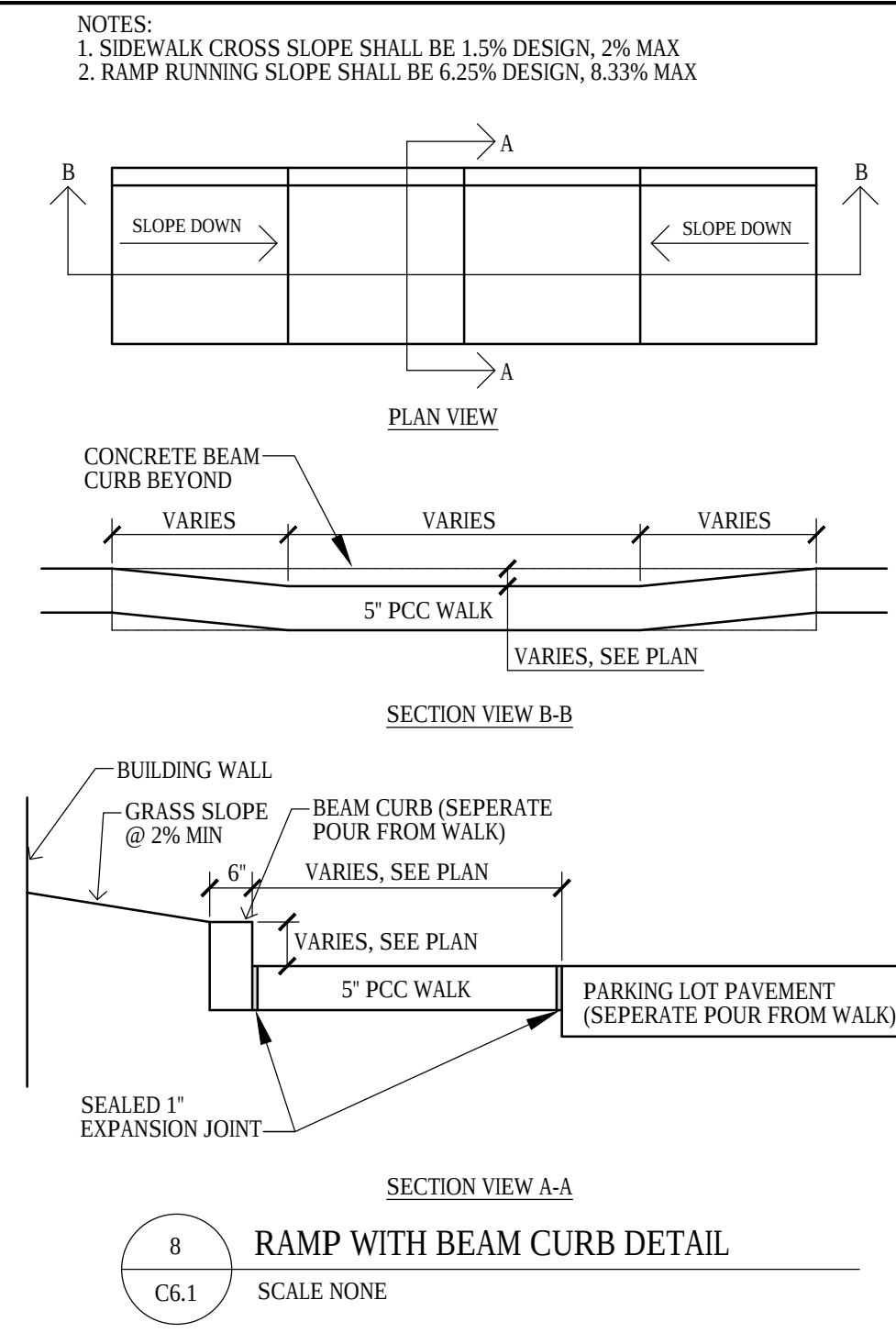
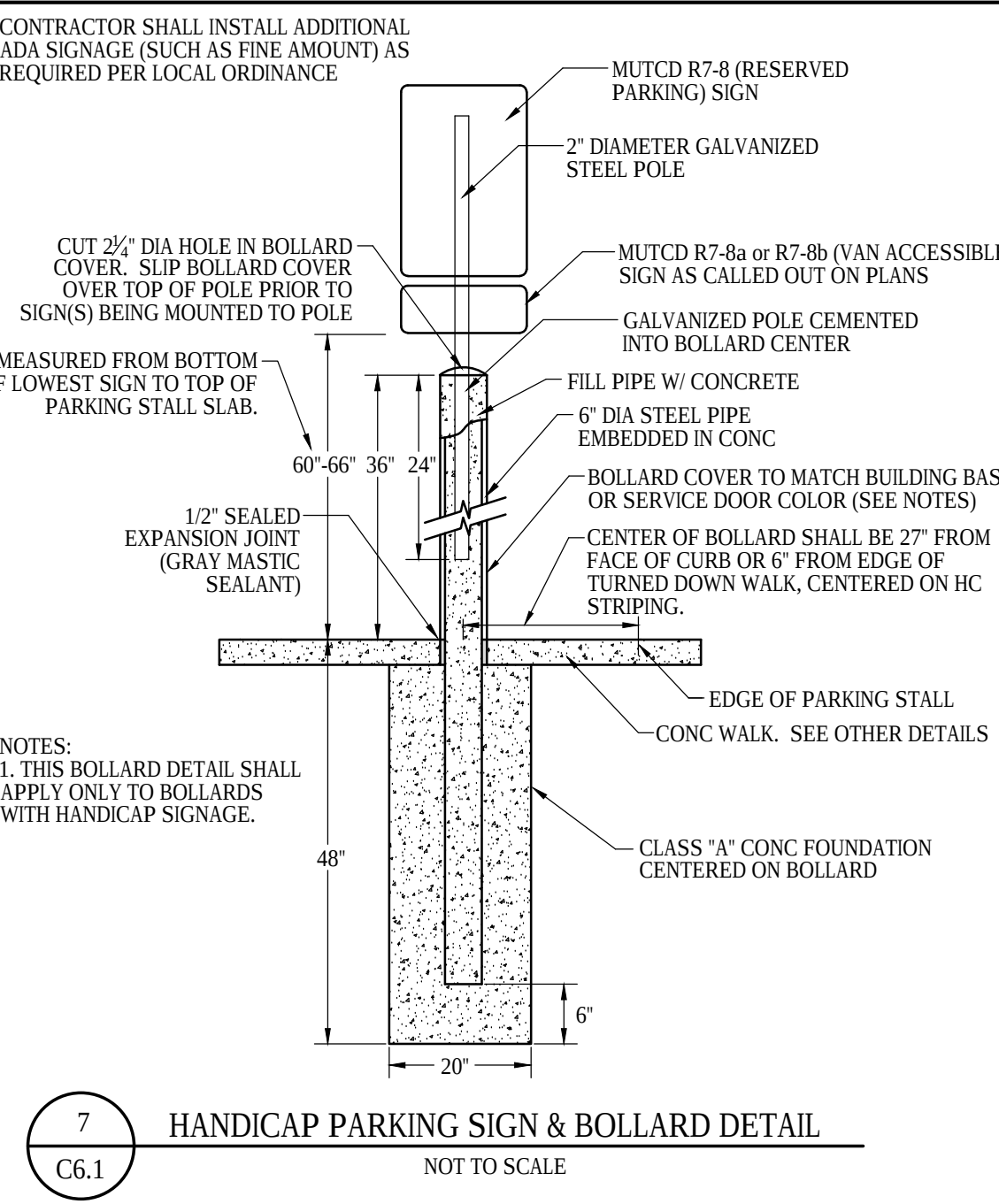
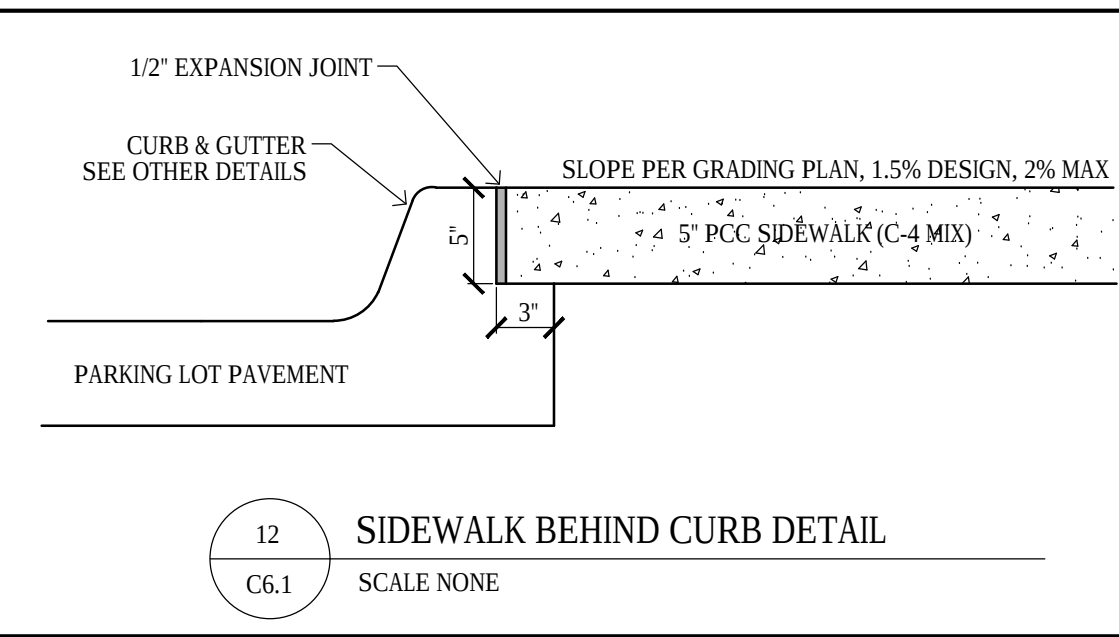
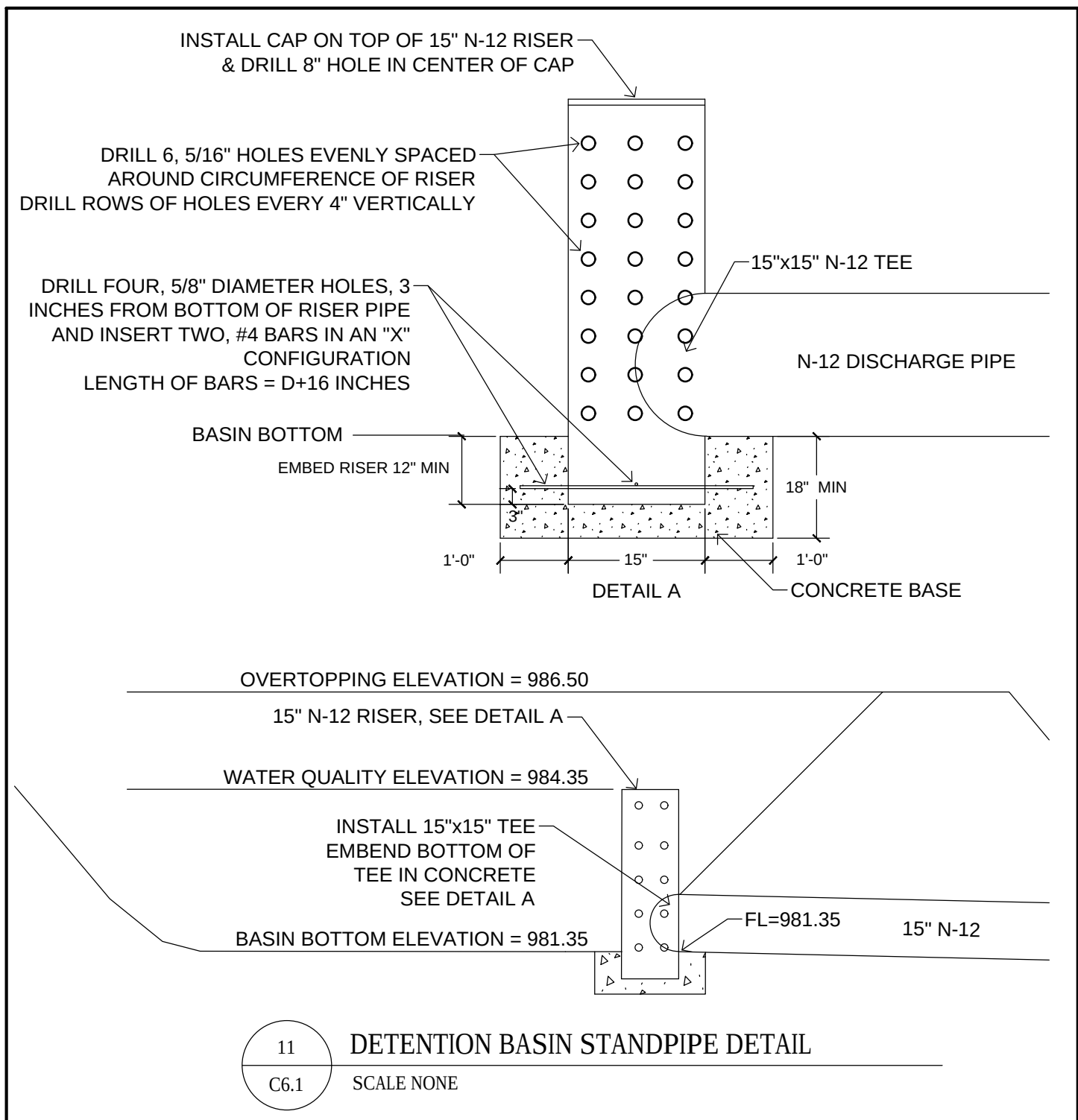
1. ALL SODDING & LANDSCAPE PLANTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE URBAN STANDARD SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED OTHERWISE.
2. SOD ALL DISTURBED AREAS WITHIN THE CONTRACT LIMITS, UNLESS NOTED OTHERWISE. SOD LIMITS SHOWN ON PLAN ARE FOR REFERENCE ONLY. FINAL LIMITS MAY CHANGE BASED ON CONSTRUCTION ACTIVITIES.
3. SOD ALL DISTURBED RIGHT-OF-WAY AREAS.
4. STAKE SOD ON ALL SLOPES 3:1 OR GREATER.
5. PLANT QUANTITIES ARE FOR CONTRACTORS CONVENIENCE, THE DRAWING SHALL PREVAIL IF A CONFLICT OCCURS.
6. ALL PLANT MATERIAL SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1).
7. CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL, FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE.
8. IT IS THE CONTRACTORS RESPONSIBILITY TO REMOVE IDENTIFICATION TAGS AND CORDS ON ALL PLANT MATERIAL PRIOR TO THE COMPLETION OF THE CONTRACT. IDENTIFICATION TAGS MUST BE LEFT ON UNTIL AFTER ACCEPTANCE BY OWNER OR OWNER'S REPRESENTATIVE.
9. CONTRACTOR SHALL PLACE SHREDDED HARDWOOD MULCH AROUND ALL TREES (IN LAWN AREAS) TO A DEPTH OF 4 INCHES, UNLESS NOTED.
10. STAKE AND WRAP ALL DECIDUOUS TREES IMMEDIATELY AFTER PLANTING. STAKE ALL TREES ACCORDING TO THE STAKING DETAILS. CONTRACTOR SHALL ADJUST AND MAINTAIN GUYING TENSION THROUGHOUT THE PLANT ESTABLISHMENT PERIOD.
11. THE LANDSCAPING CONTRACTOR SHALL HAVE ALL UTILITIES LOCATED BEFORE STARTING ANY SITE WORK OR PLANTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
12. NO LANDSCAPE MATERIAL SHALL BE SUBSTITUTED WITHOUT THE AUTHORIZATION OF THE LANDSCAPE ARCHITECT.
13. ALL EDGING SHALL BE DURAEDGE 1/8" STEEL EDGING - COLOR GREEN, OR APPROVED EQUAL..
14. CONTRACTOR SHALL BE RESPONSIBLE MAINTAINING APPROPRIATE LEVEL OF WATERING FOR ALL NEW PLANTS FOR A PERIOD OF 30 DAYS.
15. ALL SHRUB AND PERENNIAL PLANTING BEDS SHALL INCORPORATE TYPAR 3301 NONWOVEN LANDSCAPE FABRIC (OR SIMILAR) AND 3" THICK LAYER OF WASHED RIVER ROCK (1.5" NOMINAL SIZE).
16. ALL BEDS TO RECEIVE GRANULAR PRE-EMERGENT WEED CONTROL BEFORE AND AFTER ROCK IS INSTALLED.

|                       |    |
|-----------------------|----|
| TOTAL TREES PROVIDED  | 32 |
| TOTAL SHRUBS PROVIDED | 32 |

| CODE | QUAN | COMMON NAME                      | LATIN NAME                                  | SIZE     | ROOT | NOTES                            |
|------|------|----------------------------------|---------------------------------------------|----------|------|----------------------------------|
| MM   | 4    | M/RMO MAPLE                      | ACER X FREEMANI 'M/RMO'                     | 20" CAL  | B&B  | MATCHED SPECIMENS                |
| SH   | 7    | SKYLINE HONEYLOCUST              | GLEDITSIA TRIACANTHOS INERMIS 'SKYLINE'     | 20" CAL  | B&B  | MATCHED SPECIMENS                |
| SB   | 7    | AUTUMN BRILLIANCE SERVICEBERRY   | AMELANCHIER GRANDIFOLIA 'AUTUMN BRILLIANCE' | 1.5" CAL | B&B  | MATCHED SPECIMENS (SINGLE TRUNK) |
| ER   | 5    | EASTERN REDBUD                   | CERCOIS CANADENSIS                          | 1.5" CAL | B&B  | MATCHED SPECIMENS                |
| JT   | 4    | JAPANESE TREE LILAC              | SYRINGA RETICULATA                          | 1.5" CAL | B&B  | MATCHED SPECIMENS                |
| WP   | 2    | WHITE PINE                       | PINUS STROBUS                               | 6" HGT   | B&B  | FULL FORM TO GROUND              |
| BH   | 3    | BLACK HILLS SPRUCE               | PICEA GLAUCOA DENSATA                       | 6" HGT   | B&B  | FULL FORM TO GROUND              |
| EA   | 6    | EMERALD ARBORWITAE               | THUJA OCCIDENTALIS 'SMARAGD'                | 36" HGT  | CONT | FULL FORM - MATCHED              |
| LL   | 11   | LITTLE LIME HYDRANGEA            | HYDRANGEA PANICULATA 'JA'NE'                | #3       | CONT | FULL FORM - MATCHED              |
| LD   | 15   | LITTLE DEVIL NINEBARK            | PHYSCARPUS OPULIFOLIUS 'LITTLE DEVIL'       | #3       | CONT | FULL FORM - MATCHED              |
| GL   | 8    | GROWLOW SUMAC                    | RHUS AROMATICA 'GROWLOW'                    | #5       | CONT | FULL FORM - MATCHED              |
| GF   | 18   | GOLD FLAME SPIREA                | SPIRAEA BUMALDA 'GOLD FLAME'                | #5       | CONT | FULL FORM - MATCHED              |
| DY   | 6    | DENSIFORMIS YEW                  | TAXUS MEDIA DENSIFORMIS                     | 36"      | B&B  | FULL FORM - MATCHED              |
| TH   | 11   | TUFTED HAIR GRASS                | DESCHAMPSIA CAESPITOSA                      | #1       | CONT | FULLY ROOTED IN CONTAINER        |
| KF   | 8    | KARL FOERSTER FEATHER REED GRASS | CALAMAGROSTIS ACUTIFOLIA 'KARL FOERSTER'    | #1       | CONT | FULLY ROOTED IN CONTAINER        |
| SD   | 20   | STELLA D'ORO DAYLILY             | HEMEROCALLIS X STELLA D'ORO'                | #1       | CONT | FULLY ROOTED IN CONTAINER        |





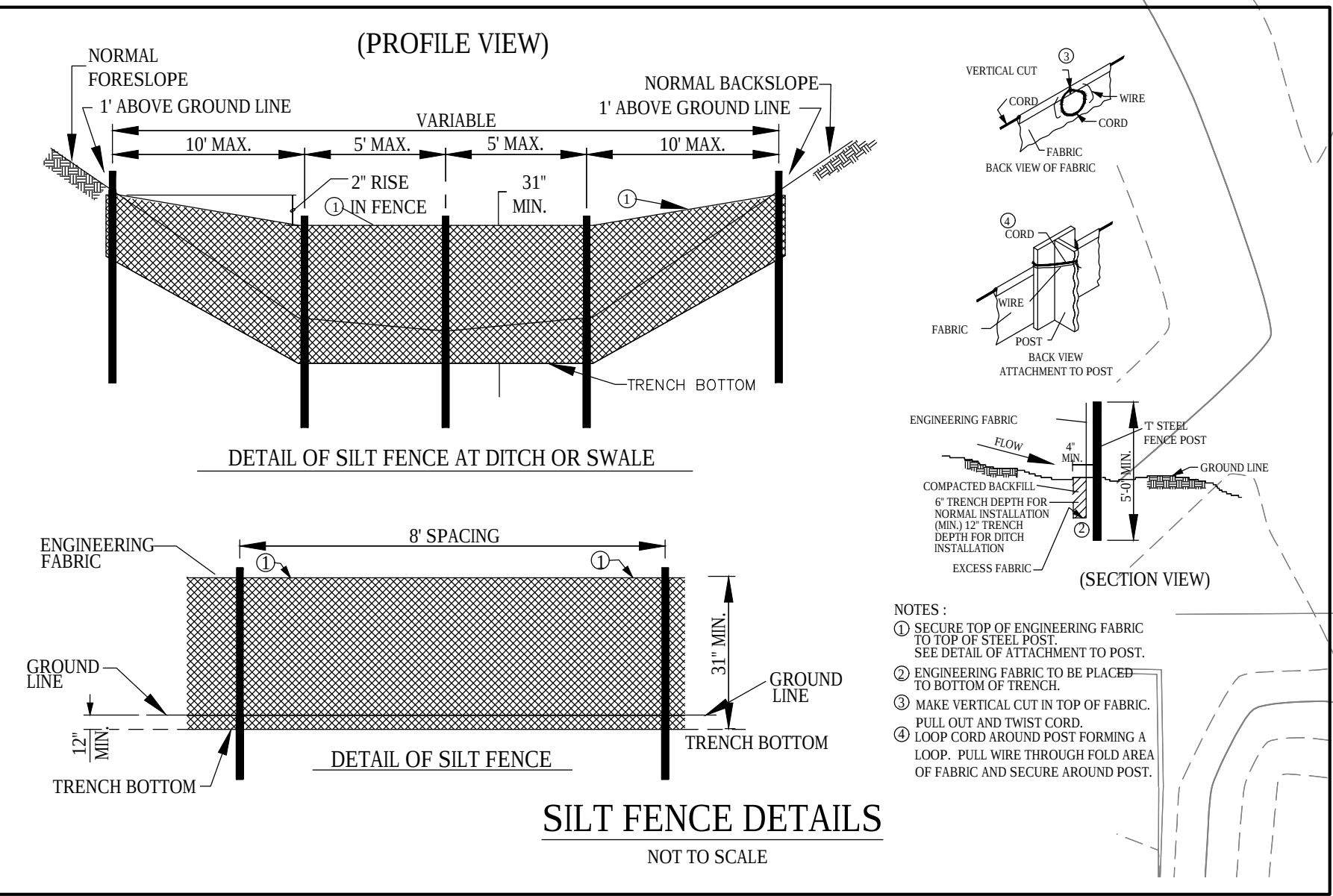
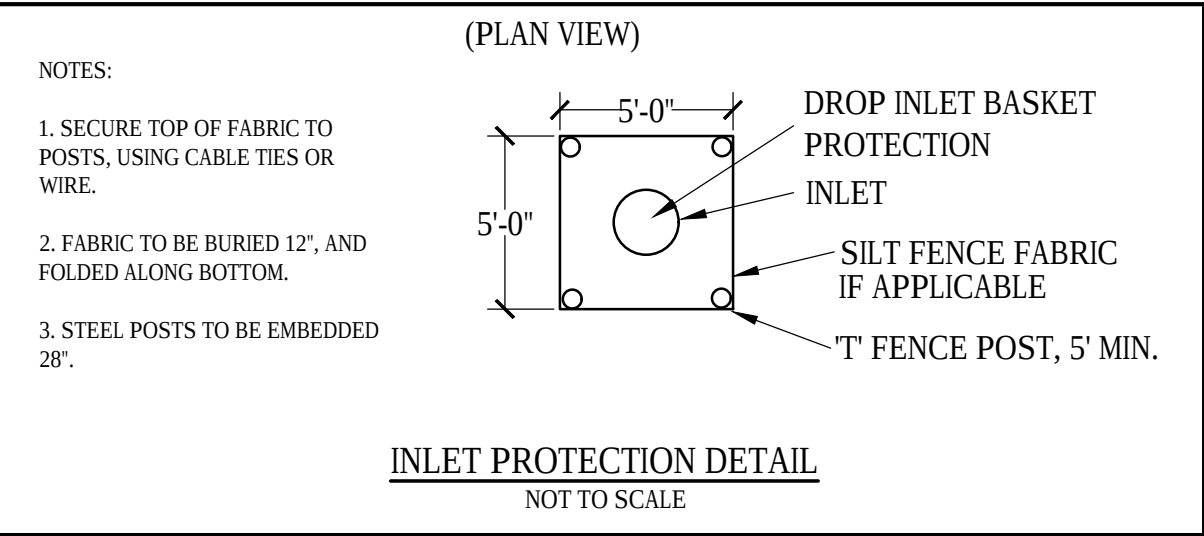
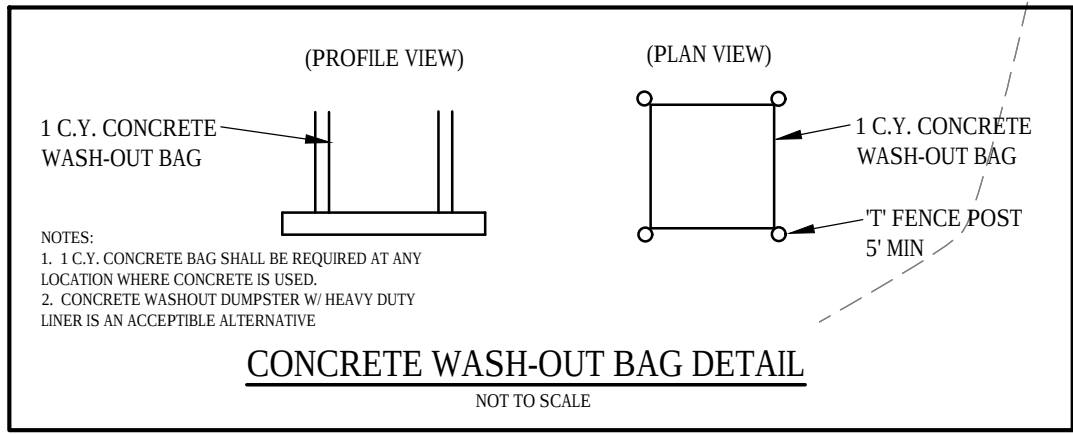
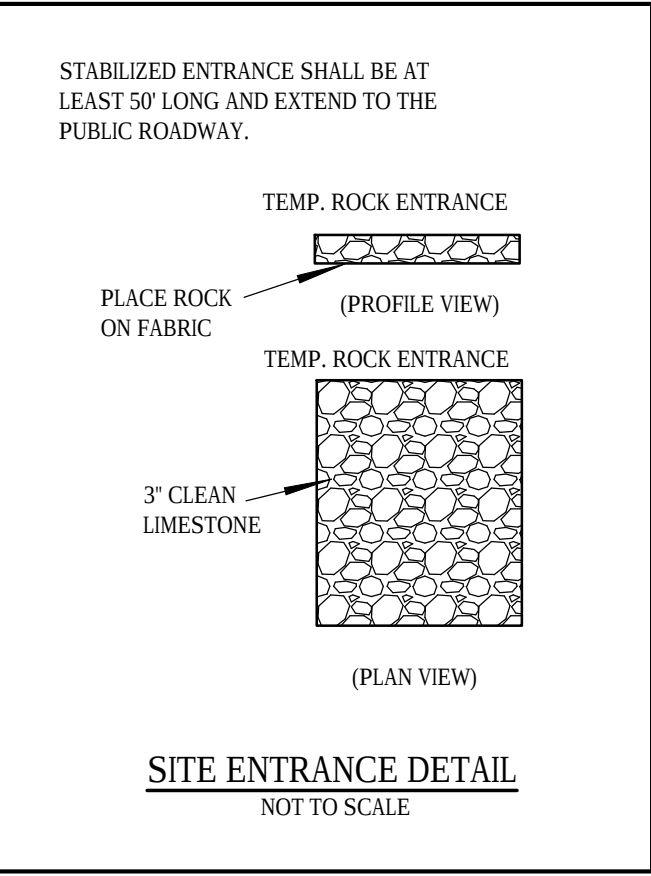




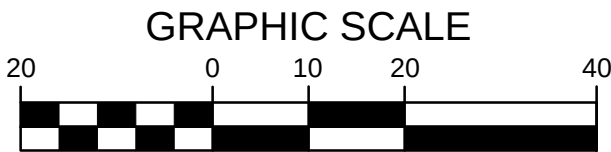
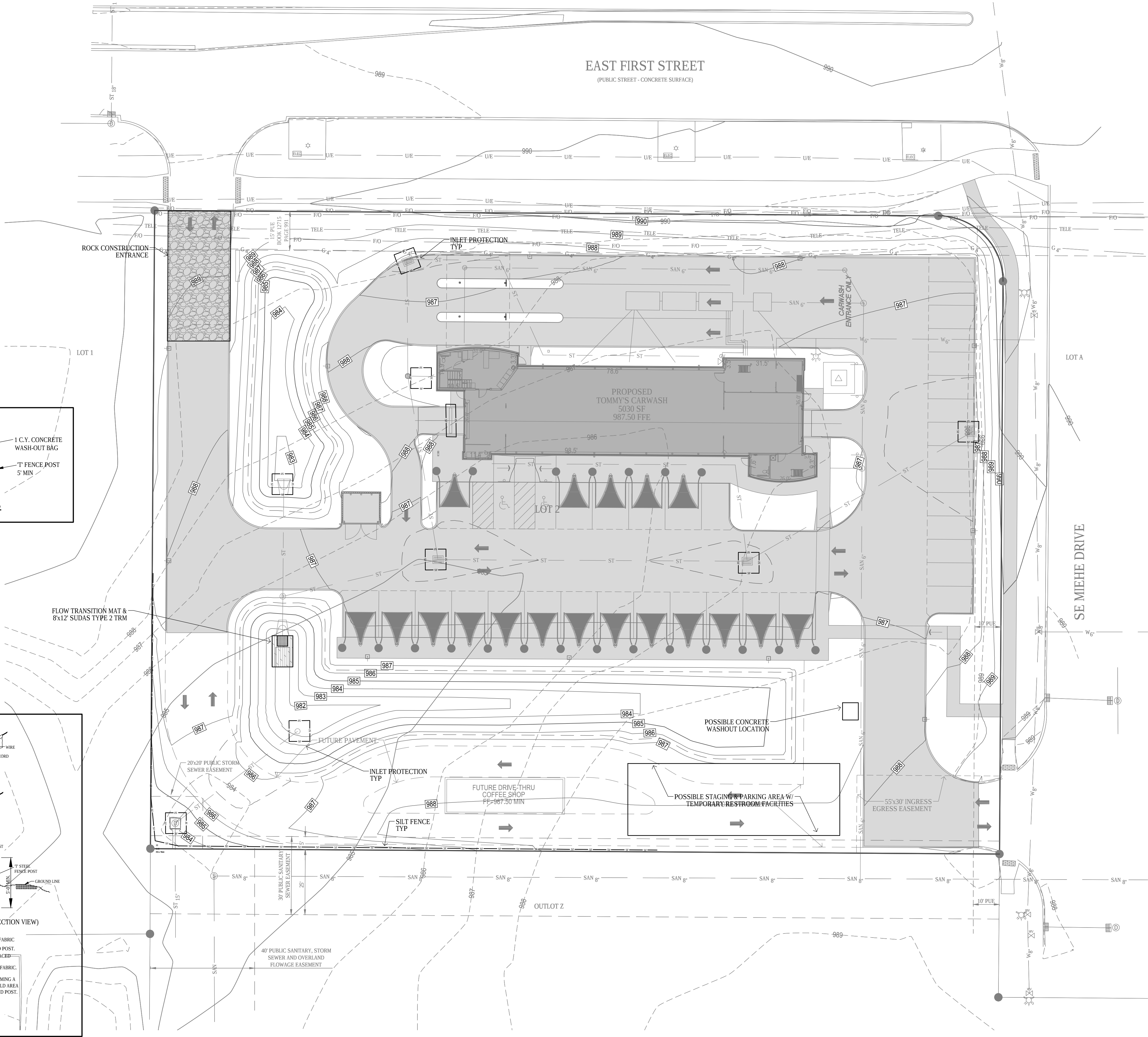
# STORM WATER POLLUTION PREVENTION PLAN

- EROSION CONTROL NOTES:**
- SEE SUPPLEMENTAL DETAIL STORM WATER POLLUTION PLAN NARRATIVE FOR ALL EROSION CONTROL MEASURES, ADDITIONAL DETAILS AND NOTE. ADDITIONAL NOTES AND MEASURES IN NARRATIVE SHALL BE CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE ORIGINAL BID.
  - SWPPP PLAN AND NARRATIVE ARE CONSIDERED A LIVING DOCUMENT AND WILL NEED PERIODIC UPDATES AND ADJUSTMENTS AS NECESSARY DEPENDING ON SITE CONDITIONS TO ASSURE COMPLIANCE WITH NPDES GENERAL PERMIT NO. 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UPDATE THE SWPPP AND IMPLEMENT ANY AND ALL MEASURES NECESSARY TO COMPLY WITH SAID PERMIT NO. 2.
  - INSTALL PERIMETER SILT FENCE AS SHOWN ON PLANS PRIOR TO CONSTRUCTION.
  - INSTALL INTAKE PROTECTION WITH SILT FENCE IMMEDIATELY AFTER STORM SEWER CONSTRUCTION.
  - INSTALL FINISHED PAVING INLET PROTECTION IMMEDIATELY AFTER PAVING IS COMPLETED AROUND INTAKE.
  - OTHER EROSION CONTROL TYPES MAY NOT BE SUBSTITUTED FOR SILT FENCE.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING A CONCRETE WASHOUT IN ACCORDANCE WITH NPDES GENERAL PERMIT NO. 2 DURING ALL CONCRETE WORK.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING TEMPORARY RESTROOM FACILITIES. SANITARY WASTE SHALL BE DISPOSED OF PER ALL FEDERAL, STATE AND LOCAL REGULATIONS.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL TOPSOIL REQUIREMENTS OF NPDES GENERAL PERMIT NO. 2 ARE MET.
  - CONTRACTOR SHALL PROVIDE APPROPRIATE CONTROLS TO PREVENT DISCHARGES FROM ANY AND ALL DEWATERING ACTIVITIES NECESSARY ON SITE.

- EROSION CONTROL REMOVAL NOTES:**
- AFTER FINAL STABILIZATION HAS OCCURED, AS DEFINED IN NPDES GENERAL PERMIT NO. 2, CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES INCLUDING, BUT NOT LIMITED TO: SILT FENCE, INLET PROTECTION, AND TEMPORARY STANDPIPS.



**UTILITY NOTE:**  
THE LOCATION OF THE UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM EXISTING PUBLIC RECORDS AND ARE APPROXIMATE LOCATIONS. THE EXACT LOCATIONS OF ALL UTILITIES MUST BE ASCERTAINED IN THE FIELD. IT SHALL BE THE DUTY OF THE CONTRACTOR TO DETERMINE WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT.



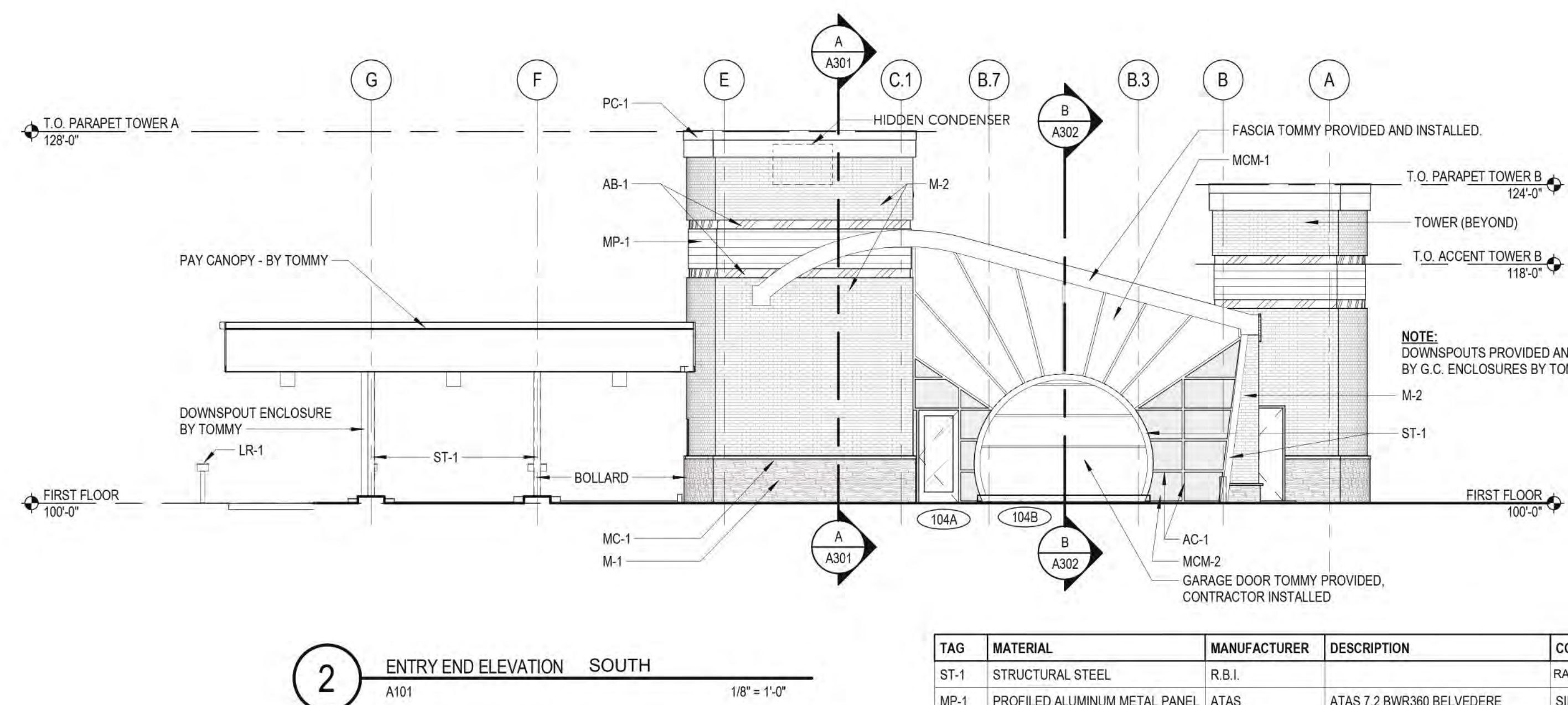
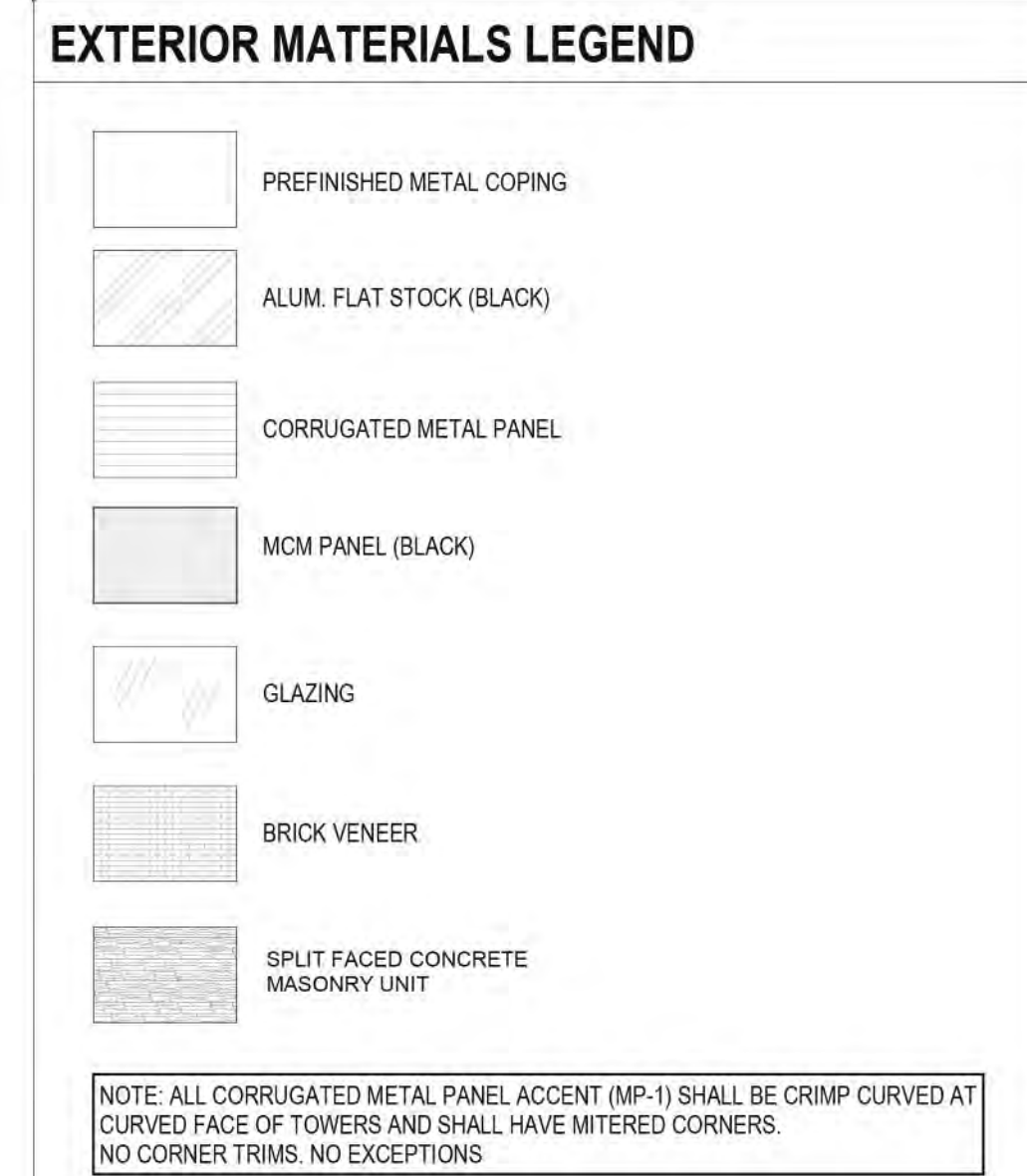
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Civil Engineering & Land Surveying Established 1959

**TOMMY'S CAR WASH**  
**GRIMES, IA**

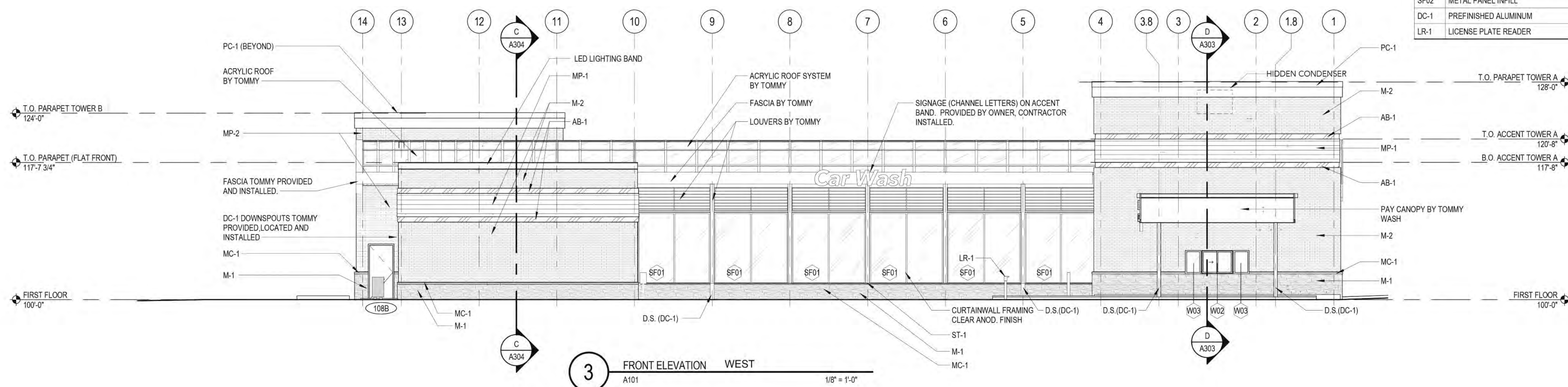
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| REFERENCE NUMBER:                                              |
| DRAWN BY:<br>CLT                                               |
| CHECKED BY:<br>JEJ                                             |
| REVISION DATE:<br>8/14/19 1ST CITY SET<br>8/27/19 2ND CITY SET |
| PROJECT NUMBER:<br>190434                                      |
| SHEET NUMBER:<br>C7.1                                          |

**SWPPP**

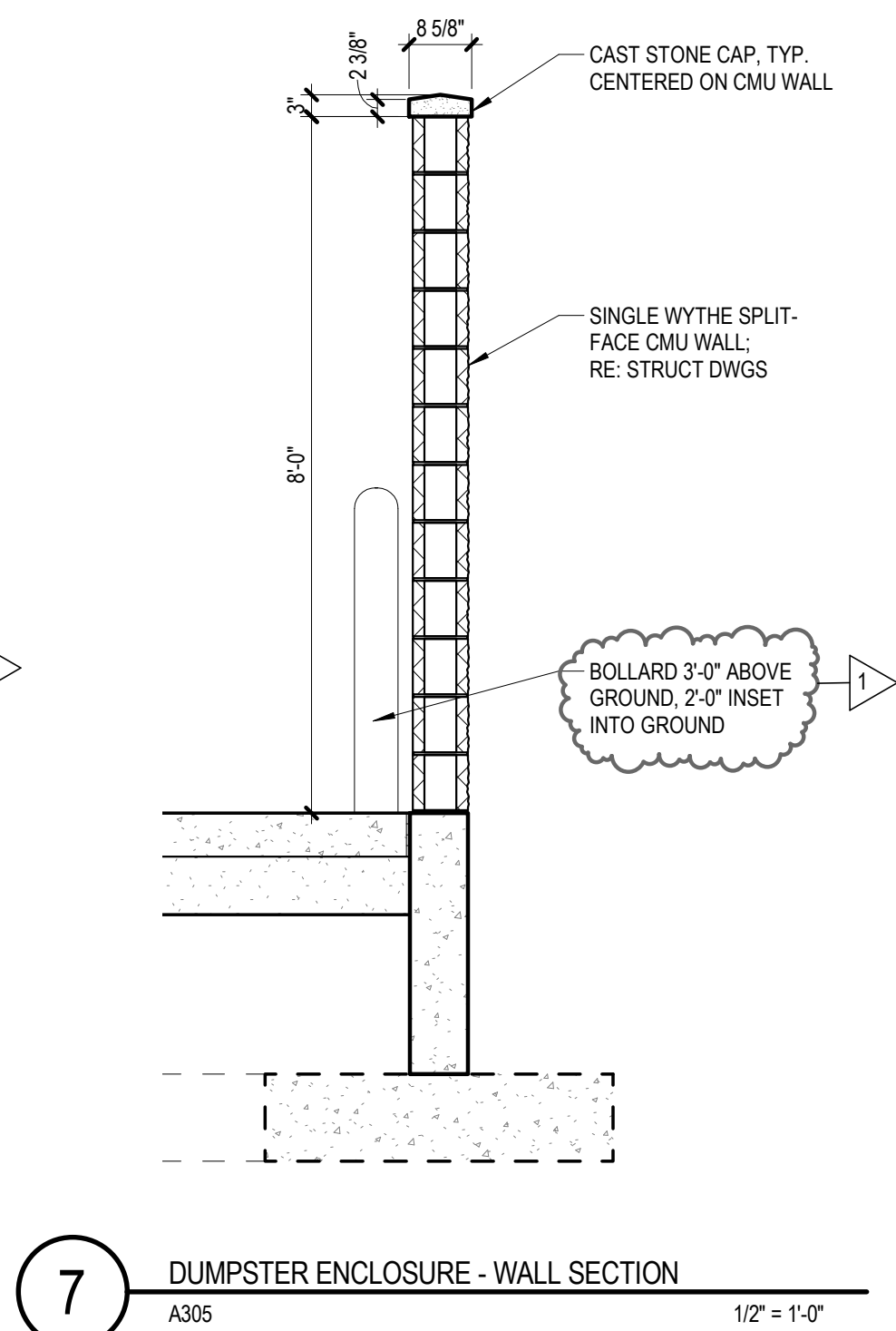
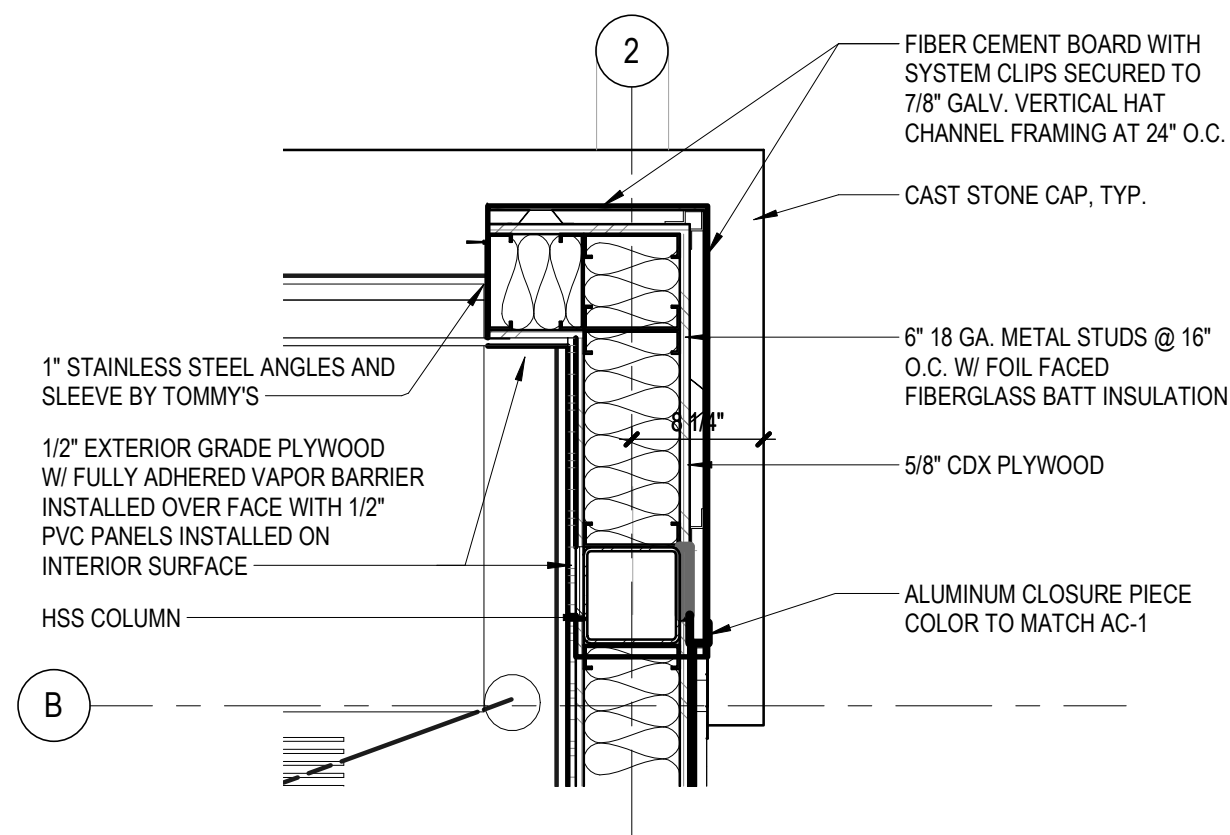
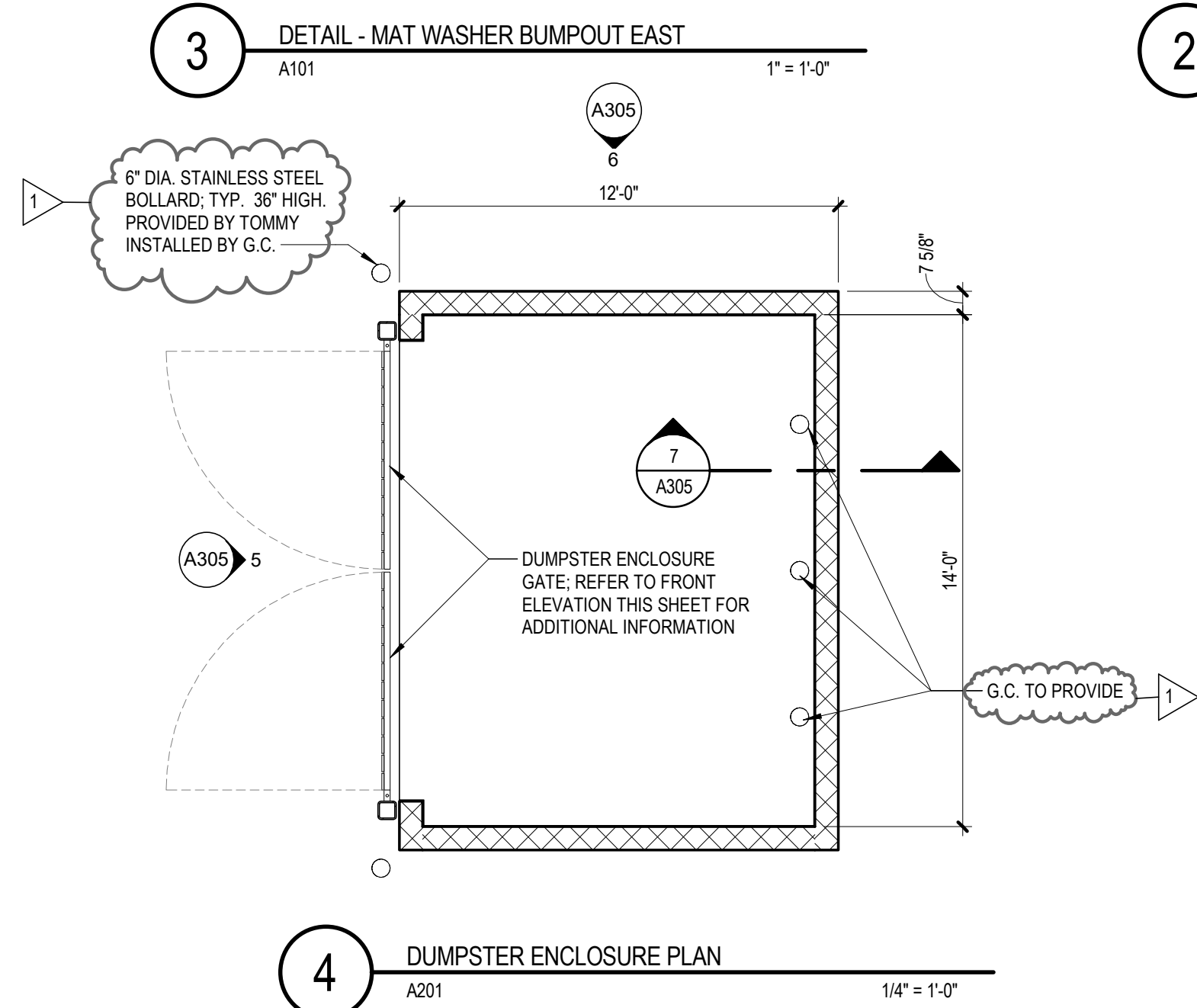
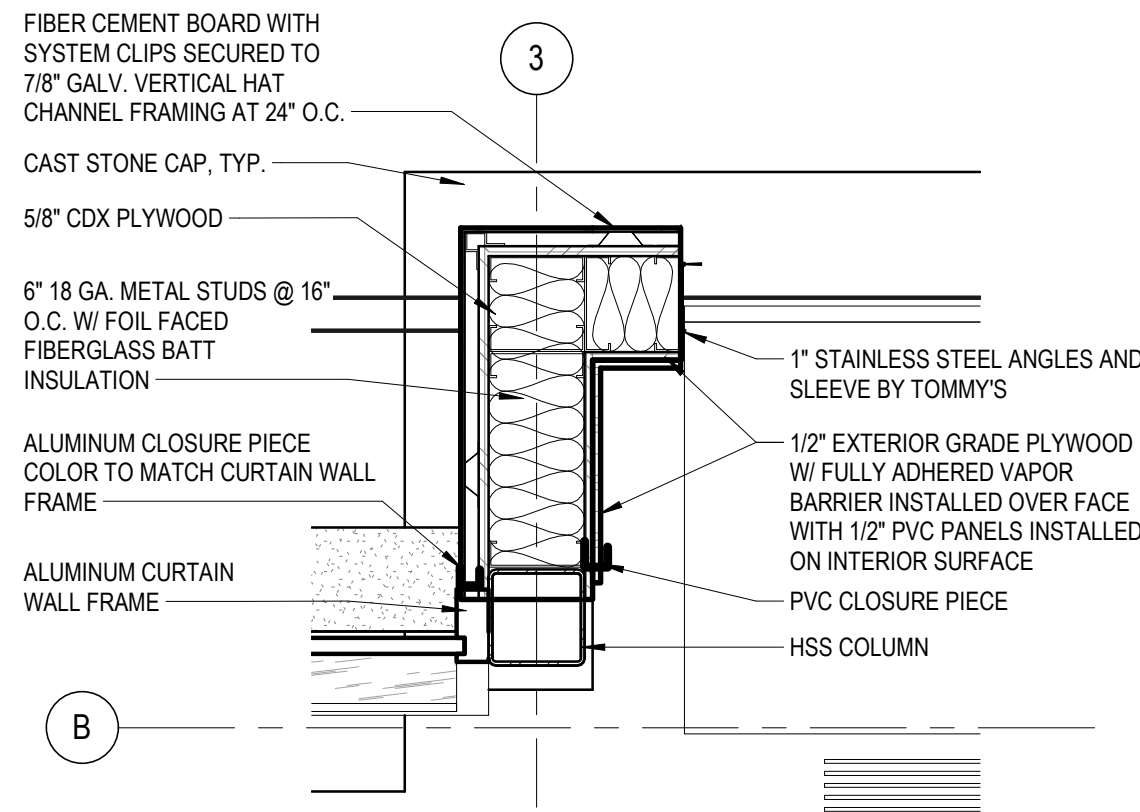
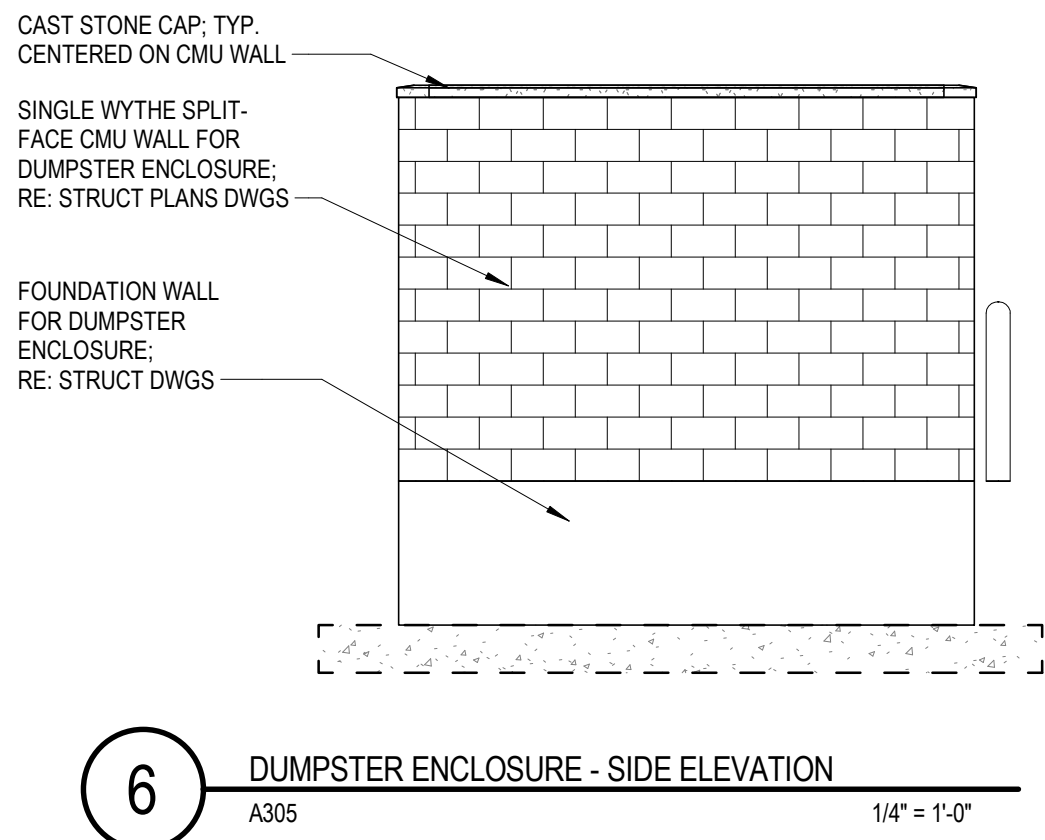
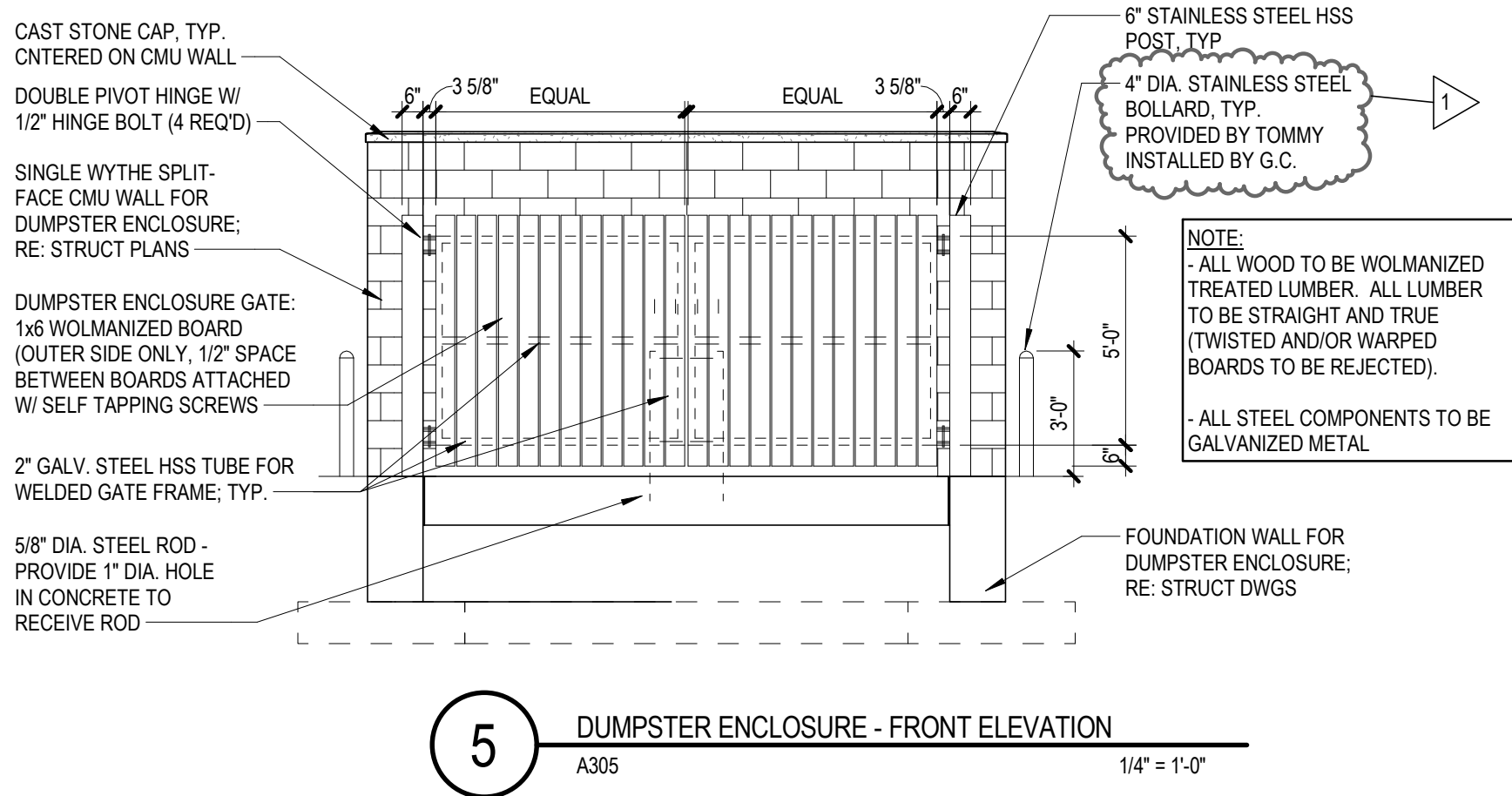




| TAG   | MATERIAL                       | MANUFACTURER | DESCRIPTION                     | COLOR                  | SUPPLIED BY |
|-------|--------------------------------|--------------|---------------------------------|------------------------|-------------|
| ST-1  | STRUCTURAL STEEL               | R.B.I.       |                                 | RAL7037                | TOMMY       |
| MP-1  | PROFILED ALUMINUM METAL PANEL  | ATAS         | ATAS 7.2 BWR360 BELVEDERE       | SILVERSMITH            | G.C.        |
| AB-1  | PREFIN ALUM. ACCENT BANDING    | ATAS         | ATAS FLAT SHEET                 | BLACK                  | G.C.        |
| PC-1  | PREFIN ALUM. PARAPET CORNICE   | REYNOLUX     |                                 | BRIGHT SILVER METALLIC | G.C.        |
| M-1   | SPLIT-FACE CMU                 | CONSUMERS    | 4" VENEER SPLIT-FACED           | ASH                    | G.C.        |
| M-2   | BRICK                          | GLEN-GERY    | KLAYCOAT BRICK                  | STONE GRAY             | G.C.        |
| MC-1  | PRECAST STONE                  |              | MASONRY CAP                     | MATCH CMU              | G.C.        |
| MCM-1 | PREFIN. ALUM. COMPOSITE PANELS | LAMINATORS   | LAMINATORS OMAZE SERIES         | SUNSET RED             | G.C.        |
| MCM-2 | PREFIN. ALUM. COMPOSITE PANELS | ALPOLIC      | CITADEL GLAZE GUARD             | EBONY                  | G.C.        |
| AC-1  | PREFIN. ALUM. CLOSURE CAPS     | TUBELITE     | TUBELITE 200 SERIES CURTAINWALL | CLEAR ANODIZED         | G.C.        |
| SF01  | INSULATED GLASS                |              | 1" INSULATED GLASS LOW-E        | CLEAR                  | G.C.        |
| SF02  | METAL PANEL INFILL             |              | 1" SPANDREL PANEL               | BLACK                  | G.C.        |
| DC-1  | PREFINISHED ALUMINUM           |              | DOWNSPOUT COVER                 | RAL7037                | TOMMY       |
| LR-1  | LICENSE PLATE READER           | TOMMY        | BOLLARD                         | STAINLESS STEEL        | TOMMY       |







# Planning & Zoning Staff Report



TO: Planning and Zoning Commission  
FROM: Alex Pfaltzgraff, Development Services Director  
DATE: August 29, 2019  
RE: Tommys Car Wash – Site Plan

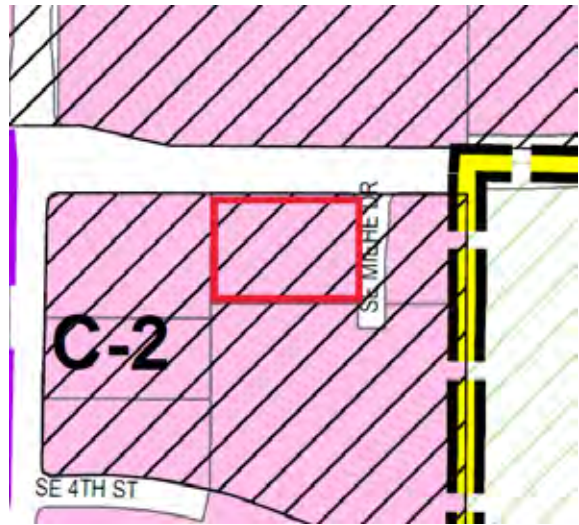
## **GENERAL INFORMATION:**

|                         |                                |
|-------------------------|--------------------------------|
| <b>Applicant:</b>       | Heart of America Group         |
| <b>Requested Action</b> | Site Plan Approval             |
| <b>Location</b>         | 2480 E. 1 <sup>st</sup> Street |

## **SUPPORTING INFORMATION:**



Location Map



Zoning Map



**LAND USES & ZONING:**

| <b>Location</b> | <b>Existing Land Use</b> | <b>Land Use Plan Designation</b> | <b>Current Zoning</b> |
|-----------------|--------------------------|----------------------------------|-----------------------|
| Subject Site    | Vacant                   | Commercial                       | C-2                   |
| North           | Vacant                   | Commercial                       | C-2                   |
| South           | Vacant                   | Commercial                       | C-2                   |
| East            | Commercial - Retail      | Commercial                       | C-2                   |
| West            | Commercial - Medical     | Commercial                       | C-2                   |

**BACKGROUND:**

The subject site is currently a vacant platted lot within the Destination Plat 1 Ridge Plat 5 subdivision. It was platted and provided with public utilities with the development of the Destination Ridge subdivision. There are a few remaining developable commercial lots within this subdivision.

The site is located within the Transportation Corridor Overlay.

The applicant, Heart of American Group has requested approval to construct an approximately 5,200 square car wash facility on the 1.83 acre site. The facility is self-serve, and will provide for 1 service bay. There are also self-serve vacuums on the south side of the facility.

The applicant is also showing a future coffee shop on the south 1/3<sup>rd</sup> of the site. This improvement would require a site plan amendment approval, and is not part of this site review / approval process.

**ANALYSIS:**

*Building/Elevations:*

The applicant is proposing to construct a 5,200 square foot car wash facility on the 1.83 acres site. The building is to be constructed out of material including brick masonry, MCM (metal composite material) paneling, and other minor aluminum and metal trims. Additionally, uplight is provided to accent the architecture along the public ROW.

As the building is not 100% masonry, a 4/5<sup>th</sup>'s vote is required to include additional materials. Staff has reviewed the request, and feels that the architecture is high-quality and incorporates a large amount of glazing and detailing. Included in these materials is an acrylic roof structure over the car wash bay. According to the applicant, this type of roof structure creates an inviting car wash experience.

The building is oriented east-west, with the entry to the car wash facing west, away from the public ROW. As this facility does not require the users to exit their vehicle, there is no entry for the customers shown.

A canopy, covering the pay-stations is provided along the north-west side of the facility. The canopy is detached, thus allowing it to encroach into the front yard setback. The encroachment is minor and does not pose any issue with staff.

*Site Layout:*

The site has access off of a full access point on SE Miehle Drive. A right-in right-out off of E 1<sup>st</sup> Street is shown. This access point is existing and does not require any additional DOT approval.

Pedestrian access from the public sidewalk along SE Miehle Drive is shown. No access from 1<sup>st</sup> Street is shown due to the potential pedestrian / auto conflict that could occur. Additionally, it is unlikely that any pedestrians will need to access the facility due to the automobile-oriented use. Additional sidewalk along the building edges is shown.

A dumpster enclosure, constructed out of material similar to the principal building is provided within the service entry at the SE corner of the site.

Along with many car washes, come a bank of vacuums. These vacuums, 18 in total, are being provided south of the building. A detail of the vacuum setup is provided for review.

*Parking:*

It should be noted that the Zoning Ordinance does not provide a minimum number of required parking spaces. Based upon the proposed use and analysis completed by staff, 13 spaces are required.

5200 square feet X 2.5 spaces per 1,000 square feet = 13

The site is shown to provide 15 standard spaces are provided along with an additional 18 spaces at the vacuum bank are provided.

*Landscaping/Streetscape:*

The property is required to provide 10% open space. As presented, 48% open space is shown on the site. Based upon the required open space, a minimum of 32 trees and 32 shrubs are to be planted on site. The proposed site plan indicates that 32 trees and 32 shrubs are to be installed on site. Additional foundation plantings are provided along the building edges where possible.

*Utilities:*



The site's storm water management responsibility is being managed within detention basin, west of the facility.

A new hydrant will be brought onto the site from the existing 8" main adjacent to SE Mische Drive. The hydrant will be positioned to provide appropriate hydrant coverage.

Sanitary sewer will be accessed via an existing service connection on the site.

**STAFF RECOMMENDATION:**

Based upon staff's review of the project, we would recommend approval of the proposed site plan for Tommys Car Wash subject to any remaining staff comments.

**CITY OF GRIMES**

A handwritten signature in black ink, appearing to read "Alex Pfaltzgraff". The signature is fluid and cursive, with the first name "Alex" written in a larger, more prominent script than the last name "Pfaltzgraff".

Alex Pfaltzgraff  
Development Services Director







**NOTICE OF PUBLIC HEARING ON PROPOSAL AFFIRMING VACATION OF  
CERTAIN ALLEY WAYS AND CONVEYING VACATED PORTION OF SAID  
ALLEYS TO ADJOINING PROPERTY OWNERS**

You are hereby notified that a PUBLIC HEARING will be held before the City Council of the City of Grimes, Iowa, on September 10 at 5:30 p.m., in the City Council Chambers at 101 Northeast Harvey Street, Grimes, Iowa, on a proposal to affirm the vacation of the following portion of the public right of way located in Block 7, Channon's North Addition to the City of Grimes, Polk County, Iowa:

That part of the North 8 feet of the East/West alley lying southwesterly of Lot 1, as it intersects that North/South public right of way lying easterly of and abutting the Norfolk Southern Railroad right-of-way, in Block 7 in Channon's North Addition to the City of Grimes, now included in and forming a part of the City of Grimes,

And conveying the same to the adjoining property owners, Anthony J. Forneris and Sandra J. Forneris.

All interested persons may appear in person or by agent and may submit written comments prior to or at the public hearing. If you have additional questions, please contact Rochelle Williams at 986-3036.

Published this 29th day of August, 2019.

By: Rochelle Williams, City Clerk of Grimes, Iowa



**Preparer Information: Alecia A. Meuleners, Whitfield & Eddy, P.L.C., 699 Walnut St. Ste 2000, Des Moines, Iowa 50309 (515) 288-6041**

**When Recorded Return to: City of Grimes, 101 NE Harvey Street, Grimes, Iowa 50111 (515) 986-3036**

**RESOLUTION No. 09-0219**

**RESOLUTION AFFIRMING VACATING PORTION OF ALLEY AND  
CONVEYING VACATED PORTION OF SAID ALLEY TO ADJOINING PROPERTY  
OWNERS**

WHEREAS, the City of Grimes did, on or about March 13, 1979, vacate and duly approve the sale of a certain portion of city alleyway adjacent to 312 N.E. Main Street, Grimes Iowa,

WHEREAS, one Donald D. Frair and Mary Lou Frair, husband and wife, did pay for and receive a lawfully executed Quit Claim Deed from the City of Grimes for property legally described as:

The West Half of the North-South alley abutting Lot 2, Block 7, Channon's North Addition to the City of Grimes and that part of the East Half of the North-South alley abutting Lot 4, Block 7, Channon's North Addition to the City of Grimes; and the North 8 feet of the East-West Alley abutting Lots 1 and 2, Block 7, Channon's North Addition; and that part of the North-South public right-of-way abutting Lot 1, Block 7, Channon's North Addition to the City of Grimes.

WHEREAS, it appears that the legal description used in said Quit Claim deed inadvertently failed to describe the intersection of said East-West Alley and the North-South public right-of-way lying westerly of said Lot 1, which was intended to be included in the conveyance to the Frairs;

WHEREAS, all prior requirements of law pertaining to the sale of public property have been fully observed during the scope of the 1979 transaction; and

WHEREAS, it is desirable that the public property herein described be duly transferred as was intended in the 1979 transaction;

WHEREAS, the Council finds that the transfer, as it also found in 1972, would not deny owners of property abutting on the street or alley reasonable access to their property;

WHEREAS, the Council finds that it is in the City's best interest to dispose of the property set forth herein;

WHEREAS, the Council finds that the public property described herein is still, as it was in 1972, no longer needed for the use of the public, and therefore, its maintenance at public expense is no longer justified;

WHEREAS, the City Council, Grimes, Iowa, passed Resolution \_\_\_\_\_ proposing to affirm the vacation of the public alley to convey it to adjoining property owners; and,

WHEREAS, notice of the resolution and of the date, time, and place of a public hearing on the proposal was given by publishing said notice in the Dallas County News on the 29th day of August 2019; and

WHEREAS, said public hearing was held at 5:30 P.M. on the 10<sup>th</sup> day of September, 2019, which was the date, time and place identified in the notice;

NOW, THEREFORE, BE IT RESOLVED by the City Council for the City of Grimes, Iowa:

SECTION 1. That pursuant to Iowa Code Sections 354.23 and 364.7, that the following described public lands are hereby affirmed as vacated by the City of Grimes, and the City does hereby convey to the current adjoining property owners, Anthony J. Forneris and Sandra J. Forneris, all of its right, title, interest, estate, claim and demand to said lands located in the City of Grimes, Polk County, Iowa:

**That part of the North 8 feet of the East/West alley lying southwesterly of Lot 1, as it intersects that North/South public right of way lying easterly of and abutting the Norfolk Southern Railroad right-of-way, in Block 7 in Channon's North Addition to the City of Grimes, now included in and forming a part of the City of Grimes.**

SECTION 2. That the City Clerk is hereby authorized and directed to cause certified copies of this resolution and proof of publication thereof together with proof of publication of the notice of the public hearing on this matter to be properly filed in the office of the Recorder of Polk County, Iowa.

SECTION 3. This resolution shall be in full force and effect from and after its final passage, approval and publication as provided by law.

SECTION 4. Pursuant to Iowa Code 354.23, this vacation instrument is equivalent to a deed of conveyance, and shall be filed and indexed as a conveyance by the Polk County Recorder and Auditor. This conveyance is exempt under Iowa Code Section 428A.2(6). FURTHERMORE, in the event that any governmental taxing authority needs or orders a survey of the previously mentioned property, each purchaser shall pay the costs of said survey.



Passed by the council this \_\_\_\_\_ day of September, 2019, and approved this \_\_\_\_\_ day of September, 2019.

\_\_\_\_\_  
SCOTT MIKKELSEN, MAYOR

ATTEST:

\_\_\_\_\_  
ROCHELLE WILLIAMS, CITY CLERK



## ORDINANCE 730

### **AN ORDINANCE AMENDING GRIMES SECTION 92.02(1) AND 92.05(5) WITH REGARD TO WATER SERVICE RATES AND WATER SERVICE RESTORATION FEES, AND SECTION 99.04(2) WITH REGARD TO SEWER SERVICE RATES**

SECTION 1. Purpose. The purpose of this Ordinance is to amend the Grimes Code of Ordinances Section 92.02(1), 92.05(5) and 99.04(2) to increase the amount charged for water and sewer rates in order to adjust for increasing costs of maintenance, construction, production, storage and treatment of water and sewage, and to define fees charged for restoration of water service.

SECTION 2. Amendment.

**Grimes Code of Ordinances Sections 92.02(1) and 92.05(5) relating to water rates and fees to restore water service are stricken, and are replaced as follows:**

92.02 RATES FOR SERVICE AND METER RENTALS. Water service shall be furnished at the following monthly rates within the City:

1. Residential and Commercial Rates. The charge for water for residential and commercial use is \$8.87 per each thousand gallons used.

The minimum charge per month shall be \$8.87 and includes the first 1,000 gallons of water consumption. In computing the minimum for a multi-unit complex served by one water meter, the monthly minimum charge will be based on the number of units per complex. To arrive at the minimum charge for a multi-unit complex, the City will multiply the number of units in the complex by \$8.87. Additional charges will apply for usage in excess of the gallons included in the minimum fees. The City will only bill the property owner of the multi-unit complex. The property owner will be responsible for the payment of the water charges. A partial month of water service shall be prorated.

**Grimes Code of Ordinance Section 92.05 (5) Service Discontinued adding language to clarify when services will be restored.**

5. Fees. A turn-on fee of twenty-five dollars (\$25.00) will be charged to restore water service during regular working hours defined as 8:00 a.m. to 3:00 p.m. on regular City work days of Monday through Friday, and a turn-on fee of fifty dollars (\$50.00) will be charged before service is restored at any other time including weekends and holidays. Delinquent water payments made to the City after 5 p.m. will result in restored water service on the next regular City work day. No turn-on fee or service fee shall be charged to establish water service as the result of a change in occupancies of a property where there is no delinquent water service charge.

**Grimes Code of Ordinance Section 99.04(2) relating to sewer rates is stricken, and is replaced as follows:**



99.04 SEWER USER CHARGE SYSTEM. Each user shall pay for the services provided by the City based on said user's use of the wastewater treatment works as determined by a water meter or a sewer meter acceptable to the City.

...

2. A. Individual Sewer Service-The minimum charge per month for individual sewer service shall be \$6.65 and includes the first 1,000 gallons. The minimum charge shall be paid by the user responsible for the water meter. A partial month of sewer service shall be prorated.

Additional usage charges will apply for usage in excess of the gallons included in the minimum fees. Each user responsible for a water meter (except as provided in subsection 3 of this section) shall pay a usage charge of \$6.65 per thousand gallons for all usage in excess of 1,000 gallons.

B. Multi-Unit Sewer Service with One Meter-In computing the minimum monthly charge for a multi-unit complex served by one water meter, the monthly minimum charge will be based on the number of units per complex. To arrive at the minimum fee for a multi-unit complex, the City will multiply the number of units in the complex by \$6.65. Additional charges will apply for usage in excess of the gallons included in the minimum fees. The City will only bill the property owner of the multi-unit complex. The property owner will be responsible for the payment of the sewer charges. A partial month of sewer service shall be prorated.

SECTION 3. Repealer. All ordinances or parts of ordinances in conflict with the provisions of these ordinances are hereby repealed.

SECTION 4. Severability Clause. If any section, provision or part of this ordinance shall be adjudged invalid or unconstitutional, such adjudication shall not affect the validity of the ordinance as a whole or any section, provision or part thereof not adjudged invalid or unconstitutional.

SECTION 5: Effective Date. This ordinance shall be in effect after its final passage, approval and publication as provided by law.

Passed by the City Council on this \_\_\_\_ day of \_\_\_\_\_ and approved on this \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Scott Mikkelsen, Mayor

\_\_\_\_\_  
Rochelle Williams, City Clerk



## **ORDINANCE 729**

### **AN ORDINANCE STRIKING GRIMES CODE OF ORDINANCES SECTIONS 165.37, 165.39, 165.40 and 165.41 AND CREATING A NEW SECTION 165.37 WHICH DEFINES THE BOARD OF ADJUSTMENT MEMBERSHIP, DUTIES AND RESPONSIBILITIES**

BE IN ENACTED BY THE CITY COUNCIL OF THE CITY OF GRIMES, IOWA:

SECTION 1. Purpose. The purpose of this Ordinance is to eliminate Grimes Code of Ordinance Sections 165.37, 165.39, 165.40 and 165.41 and adopt a new Section 165.37 which defines the Board of Adjustment membership, duties and responsibilities.

SECTION 2. Amendment. The Grimes Code of Ordinance Sections 165.37, 165.39, 165.40 and 165.41 are hereby amended with deleted, and replaced with a new Section 165.37, providing as follows:

#### **165.37 BOARD OF ADJUSTMENT**

1. BOARD MEMBERSHIP: The Board of Adjustment shall consist of five (5) members. The terms of office of the members of the Board of Adjustment and the manner of their appointment shall be as provided by state law and the Board of Adjustment procedure manual. Members shall be removable for cause by the City Council upon written charges and after public hearing. Vacancies shall be filled for the unexpired term of any member whose term becomes vacant. Matter relating to the powers and duties of the Board shall be as provided by statute and the terms of this chapter.
2. PURPOSE: It shall be the purpose of the Board of Adjustment:
  - A. To hear and decide appeals where it is alleged there is error in any order, requirement, decision, or determination made by the Development Services Department in the enforcement of this Code of Ordinances;
  - B. To hear and decide only such other special use permits and variances as the Board of Adjustment is specifically authorized to pass on by the terms of this Code of Ordinances;
  - C. To decide such questions as are involved in determining whether special use permits or variances should be granted; and
  - D. To grant special use permits or variances with such conditions and safeguards as are appropriate under this Code of Ordinances, or to deny special use permits and variances when not in harmony with the purpose and intent of this Code of Ordinances
3. MEETING PROCEDURES



A. Meetings: Meetings of the Board of Adjustment shall be held at the call of the chairperson, and at such other times as the Board of Adjustment may determine.

B. Meeting Procedures and Requirements: Such chairperson, or in the absence of the chairperson the acting chairperson, may administer oaths and compel the attendance of witnesses by subpoena. All meetings of the Board of Adjustment and hearings shall be open to the public. The Board of Adjustment shall keep minutes of its proceedings, showing the vote of each member on each question, or if absent or failing to vote, indicating such fact, and shall keep records of its examinations and other official actions all of which shall be immediately filed in the Development Services Department and shall be a public record. The presence of three (3) members shall be necessary to constitute a quorum.

4. APPEALS: Appeals to the Board of Adjustment may be taken by a person aggrieved or by any official, department, and board of the city affected by any decision of the Development Services Department. Such appeal shall be taken within ten (10) days of the rendered decision, by filing application request on forms provided by the Development Services Department. Additionally, the application must be accompanied with the appropriate fees in an amount determined by resolution of the council from time to time. An appeal stays all proceedings in furtherance of the action appealed from, unless the Development Services Department certifies to the Board of Adjustment that by reason of material facts stated in a certificate that a stay would cause imminent peril to life or property. In such case, proceedings shall not be stayed unless either the Board of Adjustment or a court of record issues a restraining order on application on notice to the Development Services Director from whom the appeal is taken and on due cause shown.

5. HEARING NOTICE: If a Grimes property is the subject of consideration by the Board of Adjustment, the Development Services Department shall notify all property owners within two hundred and fifty feet (250') the subject property, exclusive of intervening right of way. Notice shall be sent not less than seven (7) days and not more than twenty (20) days before the Board of Adjustment meeting. The written notice shall in the format established by the Development Services Department and be sent by first class mail. The written notice shall contain date, time, location, and subject of the Board of Adjustment meeting.

#### 6. SPECIAL USE PERMIT

A. Board Review and Determination: The Board of Adjustment shall review any special use permit to determine the conformity of the proposed building or use with the standards of the comprehensive plan and recognized principals of land use planning. The Board of Adjustment may approve the special use permit as submitted, or before approval, may require that the applicant modify, alter, adjust, or amend the proposal as the Board of Adjustment deems necessary to preserve the intent and purpose of the Code of Ordinances in order to promote the health, safety, and general welfare of the community.

B. Uses Requiring a Special Use Permit: The following uses, in addition to any stated elsewhere in the Code of Ordinances, shall require a special use permit:

1. Any public building erected and used by department of the City, Township, County, State or Federal government.
2. Airport or landing field.
3. Community building.
4. Hospitals, nonprofit fraternal institutions, provided they are used solely for fraternal purposes, and institutions of an educational, religious, philanthropic or eleemosynary character.

5. Public or private cemetery, including mausoleums.
6. Water and wastewater treatment facilities.
7. Electrical and natural gas regulating facilities.

C. Special Use Permit Requirements: A special use permit shall not be granted by the Board of Adjustment unless and until:

1. A written application, on forms provided by the Development Services Department, is submitted indicating the section of this Code of Ordinances under which the special exception is sought and stating the grounds on which it is requested.
2. Notice of public hearing shall be given at least seven (7) and not more than twenty (20) days in advance of public hearing. Notice of public hearing shall occur in the same manner as required by law for variances.
3. The Board of Adjustment shall look specifically upon the following criteria in granting or denying a special use permit, plus any additional criteria the board finds necessary to protect the public health, safety, and general welfare in accordance with the intent of this Code of Ordinances:
  - a. The proposed location, design, construction and operation of the particular use adequately safeguard the health, safety, and general welfare of persons residing or working in adjoining or surrounding property;
  - b. The use is in conformity with the Comprehensive Plan, and any other applicable City ordinances or regulations. Furthermore, the authorized use will not impede the normal and orderly development and improvement of the surrounding property as envisioned in the Comprehensive Plan;
  - c. The use shall be compatible with the neighborhood and surrounding use of land by its construction, architecture, and site improvements;
  - d. The use will not unduly burden public utilities, increase congestion in the streets or impact the ability to adequately safeguard the public of danger of fire and emergencies.;
  - e. The use will not impair an adequate supply of light and air to surrounding property; and
  - f. The use will not diminish or impair established property values in adjoining or surrounding property

D. Conditions And Safeguards: In granting any special use permit, the Board of Adjustment may prescribe appropriate conditions and safeguards in conformity with this Code of Ordinances. Violation of such conditions and safeguards, when made a part of the terms under which the special use permit is granted, shall be deemed a violation of this Code of Ordinances and punishable under Section 165.46 of this Chapter.

E. Planning and Zoning Site Plan Review: Following any approval of the special use permit, the Planning and Zoning Commission shall review the site plan or site plan amendment as required by this Chapter.



F. Special Use Amendment: In the event a special use permit is granted under the terms of this section, any requested changes to the approved special use permit or site plan shall be resubmitted and considered in the same manner as the original special use permit application.

G. Modification, Additions or Replacements of Special Use Permit.

1. In the event a special use permit is granted for a use, the site shall not be modified or altered for any reason, unless the modifications and alterations are carried out in compliance with all existing and applicable city codes governing the property.
2. In the event a special use permit is granted for a use that would otherwise be deemed a legal nonconforming use under the Code of Ordinances, the sections concerning destruction of a nonconforming structure in sections 165.19(2)(E) and 165.19(3)(B) shall not serve to terminate the use allowed under the special use permit, provided that such structure is rebuilt or replaced and such use continued within two (2) years after the occurrence of such destruction, and provided further, that the Board of Adjustment may extend such two (2) year deadline for completion of such reconstruction or replacement structure for up to one (1) additional year in the event that such reconstruction or replacement is delayed due to any acts of God, strikes, shortage of materials, delay in delivery of materials, delay in receiving governmental permits, damage or destruction to the structure during such reconstruction, civil unrest, war or moratoriums on construction imposed by any governmental body, or other actions beyond the reasonable control of the property owner.

7. ZONING VARIANCES

A. Application Requirements: An application for variance from the terms and requirements of the zoning ordinances may be granted by the Board of Adjustment owing to special conditions, and so that the spirit of the Code of Ordinances shall be observed and substantial justice done. No nonconforming use of neighboring lands, structures, or buildings in other districts shall be considered grounds for the issuance of a variance.

B. Conditions For Granting Variances: Variances shall only be granted by the Board of Adjustment only upon a finding that:

1. A showing of good and sufficient cause; and
2. A determination that a literal enforcement of the ordinance would result in a substantial hardship to the applicant; and
3. A determination that the hardship is not self-imposed; and
4. A determination that the granting of the variance will not be contrary to the public interest or neighborhood integrity; and
5. A determination that the granting of a variance is the minimum necessary to afford relief from this Code of Ordinances while preserving the spirit of the zoning ordinance.

C. Variance Conditions And Safeguards: In granting any variance, the Board of Adjustment may prescribe appropriate conditions and safeguards in conformity with the Code of Ordinances. Violation of such conditions and safeguards, when made a part of the terms under which the

variance is granted, shall be deemed a violation of this Code of Ordinances and punishable under Section 165.46 of the Grimes Code of Ordinances.

D. Resubmittal After Changes: In the event a variance is granted under the terms of the Code of Ordinances, any changes thereafter in the approved use or site plan shall be resubmitted and considered in the same manner as the original proposal. Before granting a variance, the Board of Adjustment shall make findings that the applicant has met the requirements of Code of Ordinances, and the Board of Adjustment shall further find that the reasons set forth in the application justify the granting of variance. The burden shall be upon those seeking the variance to establish their entitlement to the requested variance.

## 8. APPEALS FROM DEVELOPMENT SERVICES DECISION

A. Decision Review: The Board of Adjustment shall review appeals where it is alleged there is an error in any order, requirement, decision, or determination made by the Development Services Director in the administration and enforcement of the Code of Ordinances. The Board of Adjustment may reverse or affirm, wholly or partly, or may modify the Development Services Director order, requirement, decision, or determination, and may make such order, requirement, decision, or determination that should have been made pursuant to the Code of Ordinances, and to that end, shall have powers of the Development Services Department from whom the appeal is taken.

B. Vote Of Members: The concurring vote of three (3) members of the Board of Adjustment shall be necessary to reverse any order requirement, decision, or determination of Development Services Department, or to decide in favor of the applicant on any matter upon which it is required to pass under this Code of Ordinances, or to grant any special use permit or variance.

C. Written Testimony Or Evidence: Every decision granted or denied by the Board of Adjustment shall be supported by a written testimony or evidence submitted in connection therewith.

D. Denial Of Application: If any application has been denied by the Board of Adjustment, then no new application for the same relief shall be considered by the Board of Adjustment for at least one year unless the board shall find that material conditions have changed.

## 9. WRIT OF CERTIORARI

Any person or persons, any officer, department, or board of the city severally aggrieved by any decision of the Board of Adjustment may present to a court of record a petition, duly verified, setting forth that such decision is illegal, in whole or in part, specifying the grounds of the illegality. Such petition shall be presented to the court within thirty (30) days after the filing of the decision in the office of the Board of Adjustment. The court may reverse or affirm, wholly or in part, or may modify the decision brought up for review.

## 10. EXPIRATION

A. Special use permits and variances requiring authorization of site or construction approvals shall expire and terminate one hundred and eighty (180) days after the date of the granting unless a building permit has been issued for the construction authorized by such special use permit or variance.

B. Special use permit or variances not requiring authorization of site of construction approvals shall expire and terminate sixty (60) days after the date of granting of such special use permit or variance unless a certificate of zoning compliance has been issued for such authorized use.



C. The Board of Adjustment may, upon written request of the affected person filed prior to permit expiration, extend the time for the issuance of a building permit or certificate of zoning compliance for sixty (60) days.

D. In the event the building permit for the construction authorized by a special use permit or variance is canceled by the Development Services Department, such special use permit or variance shall immediately expire and terminate.

E. All special use permits and variances granted prior to the adoption of this chapter (September 10, 2019) and not acted upon shall expire and terminate in one hundred and eighty (180) days. "Acted upon" shall mean obtaining site plan approval or building permit approval.

SECTION 3. Repealer. All ordinances or parts of ordinances in conflict with the provisions of these ordinances are hereby repealed.

SECTION 4. Severability Clause. If any section, provision or part of this ordinance shall be adjudged invalid or unconstitutional, such adjudication shall not affect the validity of the ordinance as a whole or any section, provision or part thereof not adjudged invalid or unconstitutional.

SECTION 5: Effective Date. This ordinance shall be in effect after its final passage, approval and publication as provided by law.

Passed by the City Council on this day of \_\_\_\_\_ and approved on this \_\_\_\_ day of \_\_\_\_, 2019.

\_\_\_\_\_  
Scott Mikkelsen, Mayor

\_\_\_\_\_  
Rochelle Williams, City Clerk



## JOHNSTON-GRIMES METROPOLITAN FIRE DEPARTMENT

6373 MERLE HAY RD.  
JOHNSTON, IOWA 50131

### August 2019 service calls

280 calls across all districts

Total calls **UP** from 259 total in July

Station 37 – 82 calls

Station 38 – Grimes district – 22      Johnston district – 61

Station 39 – 87 calls

Mutual Aid Given– 9 calls; Granger –1      Saylor – 6      Pleasant Hill – 1      Urbandale - 1

Mutual Aid Received – 10 calls

EMS calls (199) – 73.93%      Fire/other calls (62) – 16.07%

10 in Category 1 Fire, 3 House Fires- 3 Vehicle Fires, 1 Trash or Rubbish Fire contained, 1 outside Rubbish, and 1 Construction or demolition fire.

4 in Category 2 Excessive Heat, no ignition

9 in Category 4 Hazardous Condition

8 Service Calls- 5 of these were EMS

21 Good Intent- 14 were EMS Calls

33 Falls Alarms-

1 Citizen Complaint

#### **Major incidents to report in JGMFD districts or involving JGMFD Units**

3 Major Fires to Report. 1 on NW 7<sup>th</sup> St. in Grimes due to lightning strike. 1 in Pleasant Hill and one in Saylor Township.

#### **Items of interest:**

Story of outstanding Customer Service by crew replacing smoke detectors for elderly resident. She had purchased the wrong smoke detectors for them to be able to snap them into the old bases so they went to Home Depot, purchased the correct ones and replaced them for her. She called the Chief and could not have been happier with their customer service.



Grimes

Monthly Operations  
and Maintenance  
Report

*July 2019*

**Prepared by:**



1801 James Street  
Grimes, IA 50111  
(515)986-7300

[www.uswutilitygroup.com](http://www.uswutilitygroup.com)

**MONTHLY REPORT**  
**JULY 2019**  
**GRIMES WATER & WASTEWATER TREATMENT PLANTS**  
**DISTRIBUTION AND COLLECTION SYSTEMS**

**Prepared By:**







Water and Wastewater Utility Operations, Maintenance, Engineering, Construction

August 13, 2019

Mayor Scott Mikkelsen  
City of Grimes  
101 NE Harvey St.  
Grimes, IA 50111

RE: Monthly Update July 2019

Dear Mayor Scott Mikkelsen:

In accordance with contract requirements, we are pleased to provide the following monthly report for July 2019. Below is a list of the significant events that occurred during the month:

**SUBMITTED TO:** Mayor Scott Mikkelsen  
Jake Anderson, City Administrator  
Rochelle Williams, City Clerk  
City Council, City of Grimes  
Jeff DuPont, U.S. Water Services Corporation

### ***DNR Correspondence:***

- Submitted July 2019 Monthly Operating Reports to IDNR.
- Contacted Tom Atkinson of Field Office #5 to report continued chemical discharge from the known source. A site visit was performed, housekeeping measures and proper record keeping were highly recommended before escalated requirements are enforced. A visit with city officials will be held.

### ***Safety Training***

- Safety Training in July included **“Distracted Driving Online Course.”**

### ***Safety Meeting***

- The OSHA safety topic for all USW UTILITY GROUP employees for the month of July will be to participate in **“Valcor Training-Chemical Handling Safety”**
- There will be a safety topic each month as they relate to the work environment.



Water and Wastewater Utility Operations, Maintenance, Engineering, Construction

## **Grimes Water Treatment Plant Report for July 2019**

1. WTP monthly preventative maintenance and inspections were performed the first week of July. Inspections included the completion of thirty-nine (39) work orders that are generated monthly from our Computerized Maintenance Management System.
2. Staff cleaned lime sludge pump discharge lines.
3. Progressive Structures continued installation of the 16-inch water main to the new Jordan well. Staff assisted by diverting WWTP effluent flows while making creek crossings and inspecting progress.
4. CB&I mobilized and began construction of the new 1.5 MG water tower.
5. Reverse Osmosis skids #1 and #2 performed well during the month of July. Normalized flows were within design parameters. No filters were changed
6. ASR was brought online for testing to distribution and to help meet high demand for a few days.
7. Staff inspected and ordered parts for filter #2 waste valve.
8. Staff attended progress and pre-con meeting throughout the month.
9. Grosch Irrigation Co. Inc. continued drilling the new Jordan well.
10. Staff replaced lime lagoon pump feed.
11. Lime residual continues to be hauled off-site for ultimate disposal.
12. Exercised generators at WTP, Booster station, ASR Well and North Well Field in accordance with Iowa Administrative Code (IAC).
13. Paint work, site work and cleaning continue.





Water and Wastewater Utility Operations, Maintenance, Engineering, Construction

## **Grimes Distribution Collection Report for July 2019**

1. 135 field service work order were completed for the City.
2. 2 commercial and 34 residential water meters were installed.
3. 6 temporary hydrant flow meters were used.
4. 63 disconnect notices were posted.
5. 13 non-payment disconnects were completed.
6. 44 fire hydrants were inspected and flushed, 31 manholes were inspected and 56 valves were exercised.
7. Monthly water loss was estimated at 850,000 gallons due to flushing and hydrant maintenance.
8. Public Works continued painting fire hydrants; USW staff followed up with hydrant maintenance.



Water and Wastewater Utility Operations, Maintenance, Engineering, Construction

## **Grimes Wastewater Treatment Plant**

### **Report for July 2019**

1. The WWTP experienced elevated levels of ammonia discharge during July due to high industrial loadings at the treatment plant. Tom Atkinson from IDNR, along with Andrew Wood visited a contributing industrial user. The elevated effluent ammonia levels were reported to DNR.
2. Monthly preventative maintenance and inspections were performed the first week July. Inspections included the completion of thirty-six (36) monthly work orders that are generated monthly from our Computerized Maintenance Management System.
3. Sump Pump # 1 was pulled and debris removed
4. Sump Station # 1 was cleaned with a vac truck.
5. Staff replaced drain lines on RAW pumps and adjusted pump packing.
6. DMR-QA Study 39 was completed and submitted. This is done annually as part of the laboratory State Certification process.
7. Staff bypassed to the E.Q. during foaming events. Staff continues to work with the DNR regarding the contributing industry.
8. Exercised WWTP, Gateway Lift Station and Southeast Lift Station generators according to Iowa Administrative Code (IAC).
9. Weekly lift station inspections were performed.
10. Painting of pipe and structures also continues.





Water and Wastewater Utility Operations, Maintenance, Engineering, Construction

## **USW UTILITY GROUP**

### **Staffing for Grimes, IA**

#### **Project Manager**

- Andrew Wood
  - o IDNR Grade 3 WT, Grade 3 WWT, Grade 3 Distribution

#### **Lead WTP Operator**

- Jeff Waters
  - o IDNR Grade 3 WT, Grade 2 WWT, Grade 2 Distribution

#### **Lead WWTP Operator**

- Christina Shepherd
  - o IDNR Grade 3 WWT, Grade 2 WT

#### **Operator**

- Mathew Gilmore
  - o IDNR Grade 4 WT, Grade 2 WWT, Grade 3 Distribution

#### **Operator/Maintenance Tech**

- Nick Deardorff
  - o IDNR Grade 2 WT, Grade 2 WWT, Grade 2 Distribution

#### **Maintenance Tech**

- Thomas VanHorn
  - o IDNR Grade 2 WT, Grade 2 WWT, Grade 2 Distribution

If you would like to meet to discuss any of the items noted above at your convenience, please do not hesitate to contact me.

Sincerely,

---

Andrew Wood  
Project Manager  
USW UTILITY GROUP



Water and Wastewater Utility Operations, Maintenance, Engineering, Construction

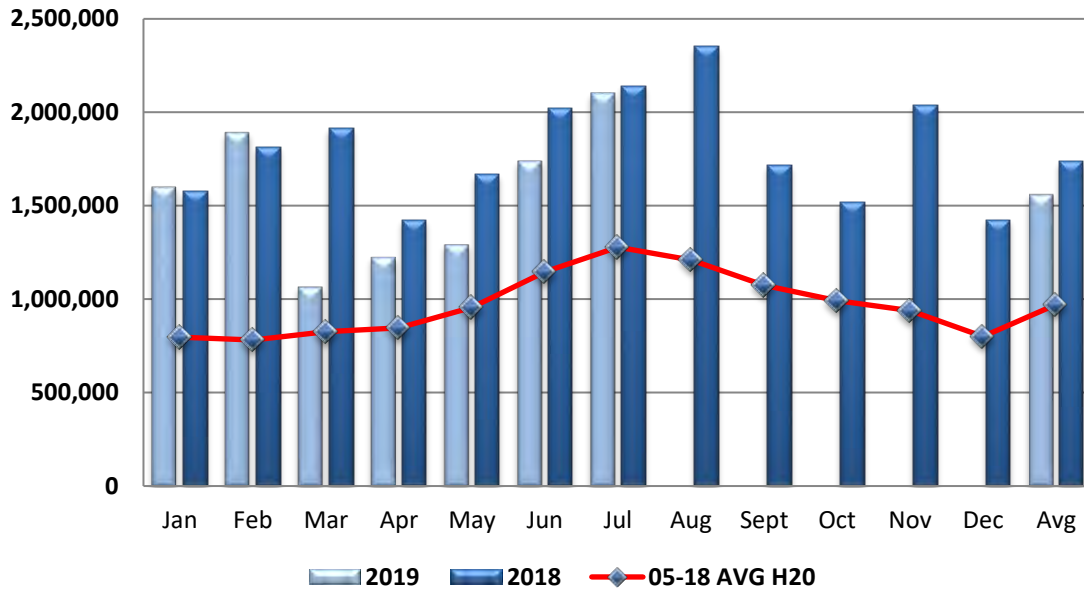
|                             |              | Jul-19    | Jun-19    | Jul-18    |
|-----------------------------|--------------|-----------|-----------|-----------|
| <b>Water</b>                | <b>Units</b> |           |           |           |
| Average Daily Pumped        | gallons      | 2,101,774 | 1,737,867 | 2,141,087 |
| Maximum Daily Pumped        | gallons      | 2,623,000 | 2,347,000 | 2,890,816 |
| Minimum Daily Pumped        | gallons      | 1,527,000 | 1,094,000 | 1,636,000 |
| <b>Hardness</b>             |              |           |           |           |
| Hardness - Avg Raw          | grains       | 27.34     | 28.22     | 32.07     |
| Hardness - Avg Finish       | grains       | 5.67      | 4.97      | 5.90      |
| <b>Iron mg/l</b>            |              |           |           |           |
| Avg Raw                     | mg/L         | 7.10      | 6.40      | 8.09      |
| Avg Finish                  | mg/L         | 0.06      | 0.07      | 0.04      |
| <b>Fluoride mg/l</b>        |              |           |           |           |
| Avg Raw Fl.                 | mg/L         | 0.37      | 0.30      | 0.26      |
| Avg Finish Fl.              | mg/L         | 0.32      | 0.34      | 0.17      |
| <b>Wastewater</b>           |              |           |           |           |
| <b>BOD</b>                  | mg/L         |           |           |           |
| BOD Effluent Avg            | mg/L         | 2.80      | 0.00      | 0.00      |
| BOD Effluent Permit Limit   | mg/L         | 25        | 25        | 25        |
| <b>TSS</b>                  |              |           |           |           |
| TSS Effluent Avg            | mg/L         | 3.17      | 0.00      | 0.00      |
| TSS Effluent Permit Limit   | mg/L         | 30        | 30        | 30        |
| <b>Nitrogen Ammonia</b>     |              |           |           |           |
| NH3-N Effluent Avg          | mg/L         | 5.31      | 0.45      | 0.53      |
| NH3-N Effluent Permit Limit | mg/L         | 1.1       | 1.3       | 1.1       |
| <b>Effluent Flow</b>        |              |           |           |           |
| Average Daily               | gallons      | 1,936,129 | 2,479,000 | 2,231,290 |
| Maximum Daily               | gallons      | 2,560,000 | 3,170,000 | 3,430,000 |
| Minimum Daily               | gallons      | 1,590,000 | 1,890,000 | 1,560,000 |
| <b>Distribution</b>         |              |           |           |           |
| Work Orders                 | #            | 135       | 93        | 118       |
| Locates                     | #            | -         | -         | -         |
| <b>Meters Installed</b>     |              |           |           |           |
| Residential                 | #            | 34        | 33        | 25        |
| Commercial                  | #            | 2         | 2         | 3         |
| Temporary Hydrants Meters   | #            | 6         | 4         | 5         |
| Disconnect Notices          | #            | 63        | 64        | 76        |
| Services Disconnected       | #            | 13        | 13        | 17        |
| Hydrants Inspected/Flushed  | #            | 44        | 23        | 14        |
| Valves Exercised            | #            | 56        | 28        | 22        |
| Manholes Inspected          | #            | 31        | 41        | 28        |



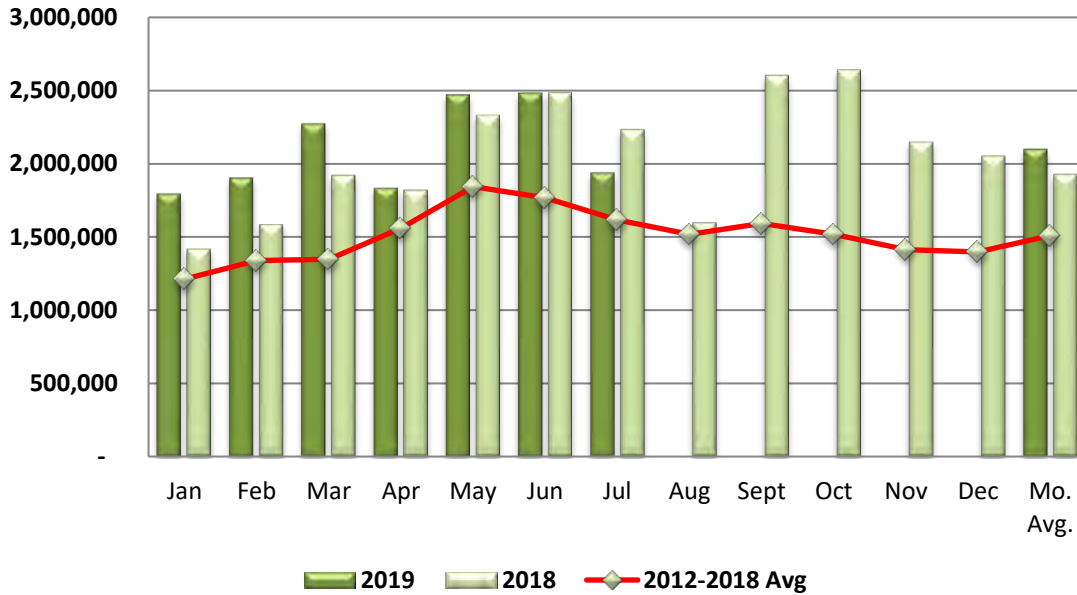


Water and Wastewater Utility Operations, Maintenance, Engineering, Construction

### Average Daily Water Pumped - In Gallons

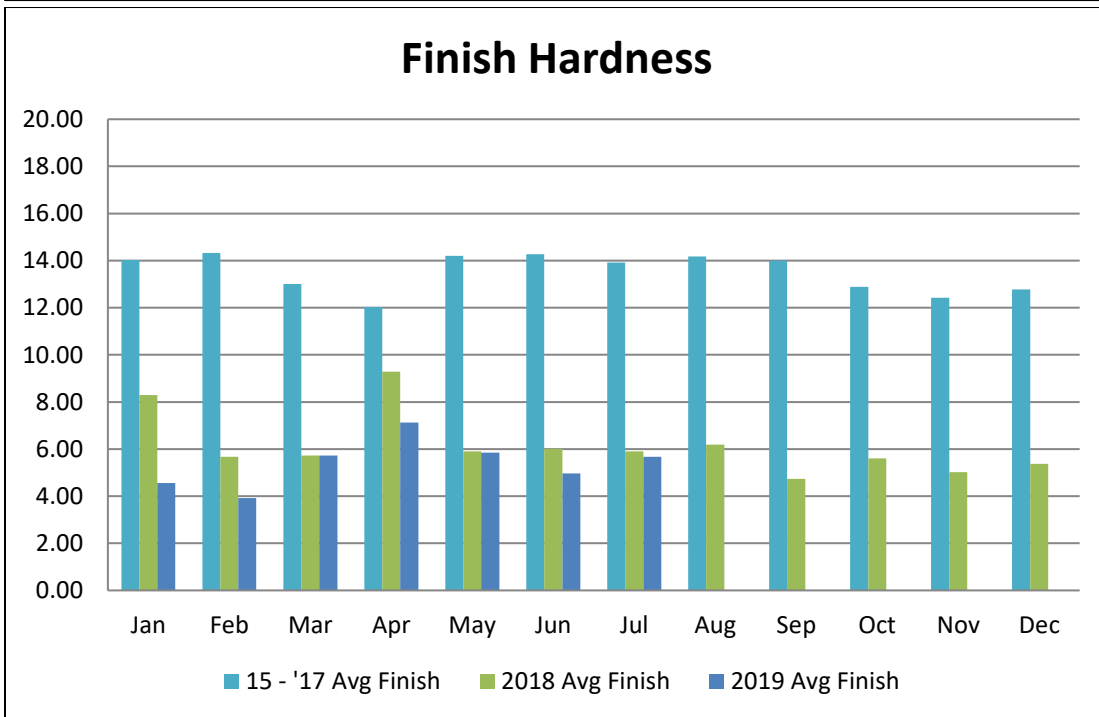
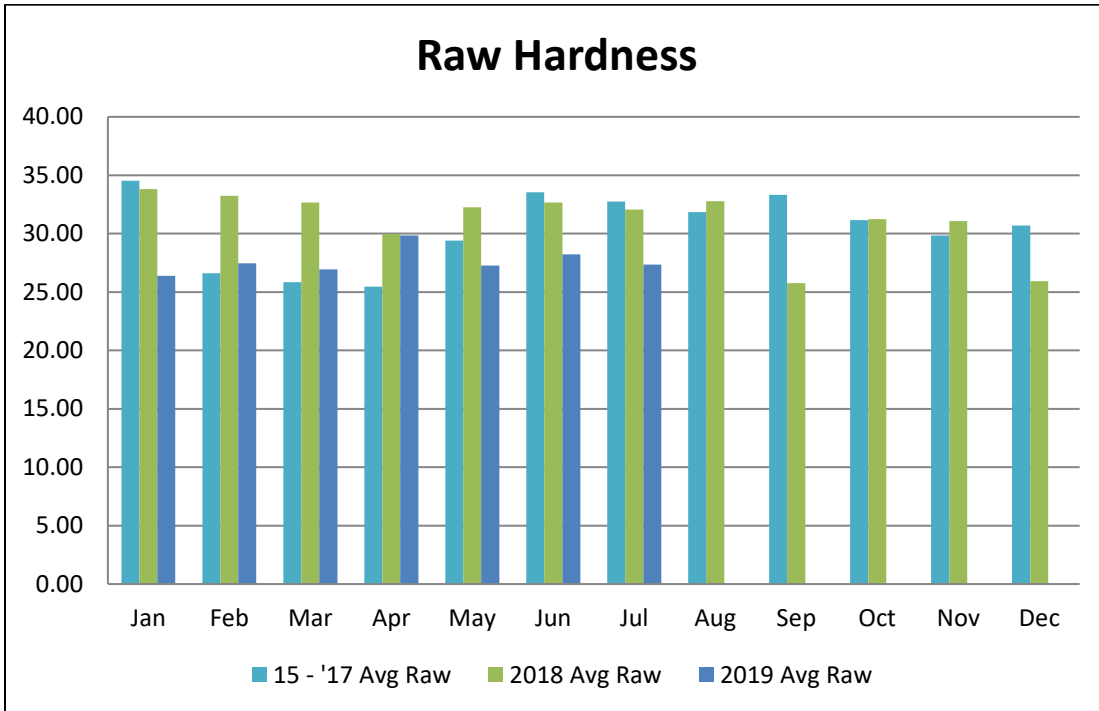


### Average Daily Wastewater Pumped - In Gallons





Water and Wastewater Utility Operations, Maintenance, Engineering, Construction







Polk County Sheriff's Office Presents the;

# Polk County Candy Crawl

Join us for various activities including;  
trick or treating,  
bounce house,  
face painting,  
and Law Enforcement  
demonstrations throughout the event.

Come have some fun with the Polk County Sheriff's  
Office and learn what we're all about.

**Family Friendly. Costumes are welcomed.**

*October 19, 2019 | 11:00AM - 2:00PM  
| Grimes South Sports Complex |*



# CERTIFICATE OF VERIFICATION

This certificate verifies that **51.4%\*** of electricity delivered to customers came from renewable resources.

MidAmerican Energy Company is proud to advance our  
**100% Renewable Energy Vision**



**Adam Wright**  
President & CEO



**Kathryn M. Kunert**  
Vice President,  
Economic Connections and Integration

\*Energy delivered in 2018, as verified by the Iowa Utilities Board



Obsessively, Relentlessly

**At Your  
Service**



MidAmerican Energy is  
proud to serve your  
energy needs. That's  
why we continue to  
invest in renewable wind  
energy and pursue a  
100% renewable energy  
vision on behalf of our  
customers like you. Last  
year, we were able to  
deliver more than half of  
the energy you use on  
an annual basis from  
wind energy.

We understand that meeting sustainability goals is important to you, too – which is why we want to ensure that our business customers can claim the full benefits of the green energy we provide. MidAmerican Energy worked with the Iowa Utilities Board to create the GreenAdvantage® program to verify our annual production of energy delivered to customers from clean, renewable sources – such as wind – as a percentage of total energy production. MidAmerican Energy's customers, in turn, can promote their green energy usage to employees, customers, industry partners, stakeholders and the communities they serve.

On June 21, 2019, the Iowa Utilities Board verified that 51.4% of the electricity delivered to you came from renewable sources for the year 2018. This percentage will grow annually as MidAmerican Energy's wind projects are completed.



As your partner, we want to commemorate this milestone. Enclosed is a certificate to authenticate the amount of renewable energy delivered to you in 2018.

MidAmerican Energy is leading the revolution of Iowa's energy landscape, helping to make us a national leader in the percentage of electric generation coming from wind. That plays a critical role in keeping rates in Iowa among the lowest in the country – giving you a competitive advantage in building and maintaining a sustainably responsible business.

Together, we can achieve a 100% renewable energy future that keeps rates low, is great for the environment and is important for our economy.

Sincerely,

Kathryn Kunert  
Vice President  
Economic Connections and Integration

 **800-329-6261**

 **BusinessAdvantage@MidAmerican.com**

 **MidAmericanEnergy.com/green-advantage**

 **MIDAMERICAN  
ENERGY COMPANY.**

## **CITY COUNCIL MEETING**

Tuesday, August 13, 2019

**Grimes City Hall 5:30 P.M.**

The regular meeting of the Grimes City Council was called to order on Tuesday, August 13, 2019 at 5:30 P.M. at the Grimes City Hall. The Pledge of Allegiance was led by Mayor Mikkelsen.

Roll Call: Present: Gisch, Hamp, Altringer, Berger, Johansen

### **AGENDA ITEMS.**

#### **Approval of the Agenda**

Mayor Mikkelsen requested for approval of the agenda.

Moved by Johansen, Seconded by Altringer to approve the agenda with the request to move Items V,W, X from the Consent Agenda and move Items B & C from the Public and Council Agenda Items to the Council

Discussion after the Closed Session.

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

### **CONSENT AGENDA**

A. Minutes from previous meeting B. Veenstra and Kimm, Inc-inspection fees June- \$26,515.00 July - \$25,445.00 C. City of Johnston – Cost Sharing of Salaries \$49,648.79, misc. charges \$8,561.99 D. Refund Cash Bond for Landscaping 2100 SE Gateway Drive \$10,000 and 1000 SE 19<sup>th</sup> Street \$6,000 to Anderson Four LLC E. Refund Cash Bond to Heritage Commercial Plat 2 \$10,000 F. JT Abatement - reed bed removal at water plant \$35,000 G. Hawkins Inc. water treatment \$6,460.00 H. New Alcohol License for Pole Position Raceway I. Van Wall Equipment \$10,546.53 MIDZ Mower J. Greater Des Moines Partnership \$5,000 Investor Commitment K. FOX Engineering \$233,902.05 L. Bankers Trust credit card statement \$8,733.95 M. Mississippi Lime Company \$4,374.10 quicklime N. Martin Marietta \$5,111.33 street maintenance O. Municipal Supply Inc. \$6,268.90 P. Mi-Fiber \$16,745.27 fiber to Grimes Community Complex Building Q. Landlord Consent Letter – AT& T request to replace existing equipment R. MidAmerican Energy Company \$33,202.95 installation of streetlight along SE 11<sup>th</sup> Street and SE Destination Drive S. Municipal Supply Inc. \$13,788.50 water meters and parts T. TAPCO Safe Travels \$11,013.18 U . Municipal Emergency Services \$11,620 for fire rescue protective equipment V. (Removed from Consent Agenda) W. (Removed from Consent Agenda) X. (Removed from Consent Agenda) Y. Professional Services Agreement for Field and laboratory test and observation services for the Grimes New 1.5 MG Water Storage Tank between the City of Grimes and Allender Butzke Engineers Inc. Z. Utility Refunds \$4,229.62 AA. Resolution 08-0219 Approving Job Descriptions for Plans Examiner/Deputy Building Official and Building Inspector BB. Request for Relief on EMS Bill CC. Resolution 08-0419 Award of Contract for Financial Advisor Services to PFM Financial Advisors LLC DD. Request for Street Closure for a Block Party on August 17, 2019 NW 23<sup>rd</sup> Court EE. Change Orders: Change Order #3 to All Terrain Seeding for the Little Beaver & Prairie Creek Channel Improvements decreasing the contract \$600. (add a pay item for seeding, fertilizing, and straw mulching \$3,000/acre x 3 acres = \$9,000, and reduce bid item 9.03 by CO No. 3 \$3,200/acre x 3 acres = \$9,600 decrease Change Order #5 to Absolute Concrete for the S James and SE 37<sup>th</sup> Street Improvements decreasing the contract \$11,499.50 for adjustment to erosion control Change Order #1 to Grosch Irrigation Co. Inc for the New Jordan Well increasing contract \$19,392.10 (increase contract dates 40 days- no charge, expensed incurred to address lost circulation, alternate grout mixture to top 920 feet of the well – no charge FF. Pay Requests: a. Pay Request #5 to All Terrain Seeding for the Little Beaver and Prairie Creek Channel Improvements \$12,931.16 b. Pay Request #19 to Absolute Concrete for the S James and SE 37<sup>th</sup> Street Improvement Project \$4,420. c. Pay Request #6 to Concrete Technologies, Inc for the SE 37<sup>th</sup> Street a Hwy 141 Improvements \$234,854.00 d. Pay Request #3 to CB&I for the New 1.5 Elevated Storage Tank \$254,457.50 e. Pay Request #5 to Grosch Irrigation Company for the New Jordan Well \$503,170.00 f. Pay Request #18 to Alliance Construction for the North James Street and Bridge improvements \$30,000.00 and Statement of Completion and Final Acceptance of Work g. Pay Request #4 to Cahoy Pump Services, Inc for the ASR Modifications \$8,747.35 retainage to be paid in 30 days and Certificate of Substantial Completion h. Pay Request #2 to Progressive Structures, LLC for the Grimes 16-inc RAW Water Main \$238,455.08 i. Pay Request to Lee Chamberlin Consultant Engineers for the 2019 City of



Grimes HMA Resurfacing Project \$6,651.00 j. Pay Request to Lee Chamberlin Consultant Engineers for the 2019 GIS Project \$2,891.50 k. Pay Request to Lee Chamberlin Consultant Engineers for the 2019 City of Grimes SW County Line and SW 19<sup>th</sup> Street Pavement Improvements \$80,068.50 l. Pay Request to Lee Chamberlin Consultant Engineers for the Intersection Improvements North Main/Beaverbrooke \$3,122.00 m. Pay Request to Lee Chamberlin Consultant Engineers for the Drainage Improvements Trailridge and Little Beaver \$15,965.00 GG. Request for Relief of Sewer Charges HH. Refund of Cash Bond for Landscaping Pepperwood Glen \$\$15,000 and \$7,500 II. Finance Report for June 2019 JJ. Claim Report KK. Resolution 08-0519 Personnel Transactions LL. Set a Public Hearing for September 10, 2019 to Authorize City to Issue a Quit Claim to Abutting City Alleyways and Vacating Alley.  
Moved by Altringer, Seconded by Hamp; the Consent agenda shall be approved as Amended.  
Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

## **5. Update from Polk County Supervisor Robert Brownell**

Robert Brownell, Polk County Supervisor stated he is on the food, rescue, mental health, human trafficking and now the 911 Board for Polk County. Brownell was present to update the status of the new 911 Board. He stated that a group is working on a study to determine the best approach for communications services in the Metro area and to operate and provide recommendations for the 911 system going forward for the next 10 years. Brownell stated that there are currently two radio systems in place, one being RACOM and the other being WESTCOM. Brownell said that both of the radio systems are very good; however, they don't always work together in the most efficient manner. He stated that the study in process will be very in depth and he would anticipate the results to be available shortly after the New Year. Brownell also discussed the Mental Health Board and how the Legislature recently passed a Children's Mental Health System. He stated that all fifteen regions in Iowa are working now on developing an operating plan specifically to help children. Brownell also said that the Immigration Board is planning on setting up a "Welcome" center to help refugees and immigrants get established and find housing, jobs, etc. to help them get started in the community.

## **PUBLIC FORUM**

Virginia Contenelli of 701 SE Dovetail expressed concern that that her condo association was not providing recycling bins for the residents. Conetenelli also was concerned that the Ordinance that requires recycling to be available for the residents did not appear to be enforced. Mayor Mikkelsen expressed appreciation that she raised this concern and intended to follow up get procedures in place to verify compliance.

## **PUBLIC AND COUNCIL AGENDA ITEMS**

### **A. Public Hearing, Approve Plans and Specs and Award of Contract for the 2019 SW County Line and SW 19<sup>th</sup> Street Project**

Weston Wunder, Public Works Director addressed the Board to report on the results of the bids taken for this project. Wunder stated that the low bidder was Des Moines Asphalt at 1,343,012.54 which was around \$200,000 below the estimate. Wunder stated that Staff had researched the company to make sure they would be able to meet requirements and ultimately recommend approval for the contract.

Mayor Mikkelsen announced the Public Hearing was open at 5:57 and asked if there was anyone present or correspondence received on this project. Being none, the Public Hearing was closed at 5:57 and asked Council for action on this item.

Motion by Hamp, Second by Altringer to approve the Award of Contract for the 2019 SW County Line and SW 19<sup>th</sup> Street Project to Des Moines Asphalt

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

B. (Moved to Council Discussion)

C. (Moved to Council Discussion)

#### **D. Dallas Center Grimes Administration – Final Plat**

Alex Pfaltzgraff, Development Services Director addressed the Council to request approval on the Final Plat. Pfaltzgraff stated that previously on this site was an abandoned house that the Fire Department recently used for training on a controlled burn. That property has now been cleared and is ready to become the site for the Dallas Center Grimes Administration building. Pfaltzgraff said that during the review process it was determined that the parcel would need to be re-platted for the administrative office use. He also noted that the easements necessary for the road improvements were in the process of being deeded over to the City. Pfaltzgraff stated that this project has been through Planning and Zoning review and both Planning and Zoning and Staff are recommending approval of this plat.

Motion by Johansen, Second by Hamp, to approve the Dallas Center Grimes Administration Final Plat.

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

#### **E. Aldi Grocery – Site Plan**

Alex Pfaltzgraff addressed the Council with an overview of the site located south of Menards at the intersection of Highway 141 and Highway 44. Pfaltzgraff said the site plan is for a 22,000 square foot Aldi's store with parking on the south and west sides of the structure. Pfaltzgraff stated that this site plan meets all of the Highway 141 and Hwy 44 Corridor requirements and has been through Planning and Zoning. Pfaltzgraff stated that both Planning and Zoning and Staff are in agreement and do not have any objections and recommend this project for approval. Derek Johnson with ISG, 508 East Locust Street addressed the Council stating they anticipate opening in 2020. Altringer asked if there were any updates on the traffic signal plan for that area. Pfaltzgraff stated that area is under control of the Department of Transportation but he was aware that as growth continues in that area, the traffic flow would need to be reviewed and that he would look into the current status with the Department of Transportation and report back to the Council on any updates.

Motion by Johansen, Second by Gisch to approve the Aldi Grocery Site Plan.

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

#### **F. Pepperwood Glen – Site Plan Amendment**

Development Services Director Alex Pfaltzgraff addressed the Council on behalf of Pepperwood Glen. He stated that this site plan is located directly south of Kennybrook Park and will be the second phase of the apartment village project. He stated that in addition to the final 8 buildings, this will include the pavement, parking stalls and a maintenance garage for the complex. Pfaltzgraff said the improvements are consistent with the first phase of the project and that neither Planning and Zoning nor Staff has any concerns or questions with this project and recommend approval. Mayor Mikkelsen asked about the Amendment status for this site plan. Pfaltzgraff stated that only the first half of the project had been approved previously. He felt that while there were no material changes to the second phase, due to the time lapse between the first and second phases, he wanted to make sure there were not any concerns or issues that had come up to prevent the final phase from proceeding. Kelly McIver with Redwood Development addressed the Council and asked if there were any additional questions that she could answer. Council Member Gisch clarified that this phase consisted of 46 additional units.

Motion by Gisch, Second by Hamp to approve the Pepperwood Glen Site Plan Amendment subject to the City of Grimes letter dated August 1<sup>st</sup>, 2019.

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

#### **G. Grimes Distribution 5 Parking Addition – Site Plan**

Alex Pfaltzgraff, Development Services Director addressed the Council stating that this project is a parking addition to the fifth phase of the Grimes Distribution Center. Pfaltzgraff said that this parking area adjoins the 110,000 square foot facility that is currently under construction. He said that the area will have approximately 160 parking spaces with connections off of Mercantile Circle and access to the Distribution Center. Pfaltzgraff noted that this proposal does not have any waiver requests attached and it does meet the zoning requirements. He added that the prospective tenant would also use parking at Adesa to obtain the needed employee parking. He also noted that the lots would need to be tied together with a lot tie agreement prior to final approval. Chris



Trosper, Hubbell Realty, 6900 Westown Parkway, West Des Moines addressed the Council on behalf of Hubbell Realty. Trosper stated that this project is designed specifically to address the parking needs for a prospective tenant. Council Member Johansen asked to view the initial proposal for Building 5 as it was approved. Trosper stated that the original building 5 was approved with parking for 213 stalls which met the requirements for a speculative building and would accommodate most users. Trosper added that the prospective tenant that has come forward for this building is anticipating parking for over 800 stalls. Pfaltzgraff said that they are now reviewing the proposed schedules for traffic movement onto Highway 141 from SW 11<sup>th</sup> and SW 19<sup>th</sup>.

Motion by Altringer, Second by Burger, to approve the Grimes Distribution 5 Parking Addition Site Plan subject to the Lot Tie Agreement as well as making the parking area approval contingent on the specific tenant under consideration with the potential to require a traffic study if warranted.

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

#### **H. Second Reading of Ordinance 729 Zoning Ordinance of the City of Grimes, Iowa regarding the Board of Adjustments – Development Services Director**

Alex Pfaltzgraff noted that there had been some adjustments on the Zone 1 provisions and have incorporated greater detail regarding how improvements are conducted. He added the Ordinance has had Attorney review and additional notifications have been sent to property owners. Pfaltzgraff said that Staff recommends approval.

Motion by Altringer, Second by Gisch, to approve the Second Reading of Ordinance 729 Zoning Ordinance of the City of Grimes regarding the Board of Adjustments.

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

#### **I. Set a Public Hearing for September 10, 2019 for Ordinance 730 92.02(1) with Regard to Water Service Rates and Section 99.04 with Regard to Sewer Service Rates and including 92.05 (5) Regarding Reestablishing Service.**

City Administrator Jake Anderson addressed the Council advising them that PFM Financial Advisors had recently attend a workshop where they recommended rates be increased on the water and sewer utilities of an average of 9.6% that would be used to fund almost \$60,000,000 in necessary water and waste water improvements. Anderson stated that he recommended a public hearing be set for discussion.

Motion by Gisch, Second by Altringer to set a Public Hearing for September 10, 2019 for Ordinance 730 92.02(1) with Regard to Water Service Rates and Section 99.04 with Regard to Sewer Service Rates, and including 92.05 (5) Regarding Reestablishing Service.

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

#### **J. Resolution 08-0119 Approving Property Tax Relief and the Advancement of Municipal Facility Projects.**

City Administrator Jake Anderson addressed the Council advising them that this Resolution would direct Staff to draft a budget following the Local Option Sales and Services Tax Referendum that will reduce the city tax rate by at least a dollar, and advance the municipal facilities projects. Anderson explained that the Iowa Code does not allow for Cities to change the tax structure in mid-year, so this Resolution will be drafted to be ready to enact after the first of the fiscal year being July 1 of 2020.

Motion by Johansen, Second by Altringer to approve Resolution 08-0119 Approving Property Tax Relief and The Advancement of Municipal Facility Projects.

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

#### **K. Resolution 08-0319 Dallas County Emergency Management 28E Agreement for Mutual Assistance for Dallas County Area Fire/Rescue Services**

Fire Chief Jim Clark addressed the Council explaining that they had been approached by Dallas County Emergency Management regarding a 28E agreement allowing for reciprocal support in emergency situations.

Motion by Hamp, Second by Johansen to approve Resolution 08-0319 Dallas County Emergency Management 28E Agreement for Mutual Assistance for Dallas County Area Fire/Rescue Services.  
Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

## **COUNCIL DISCUSSIONS**

1. **Mayor's Report** – No new updates at this time.

2. **City Staff's Report**

Public Works Director Weston Wunder stated that there was a progress meeting regarding the Beaver Creek restoration project. Wunder noted that the contractor has been running a little behind, but still intended to have substantial completion by September 15, 2019. Mayor Mikkelsen noted a number of residents have expressed frustration regarding the trail closings and asked if there was a way to accommodate the residents while work was underway. Wunder noted that the trail is supposed to be entirely closed during the restoration, but that a number of residents are still using the trail anyway. He also noted that he thought the trails could be open in the evening hours when the contractors are not on site and they would work with the contractor to try to accommodate that. Wunder also updated the Council on the Park Plan recently presented by RDG and adopted by the Council. He hopes to get some plans and drawing available to the Council by the next meeting.

3. **Council Reports- None at this time.**

**Recess Open Session**

Motion by Hamp, Second by Johansen to Recess Open Session at 6:50 PM  
Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

**Resolution 08-0619 providing for Closed Session ref 21.5 1 (c).** To discuss strategy with counsel in matters that are presently in litigation or where litigation is imminent where its disclosure would be likely to prejudice or disadvantage the position of the governmental body in that litigation

Motion by Johansen, Second by Gisch to enter into Closed Session at 7:20 PM.  
Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

**Rise from Closed Session**

Motion by Johansen, Second by Gisch to Rise from Closed Session at 8:02 PM  
Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

**Reconvene Open Session- 8:03PM**

**Open Session - cont.**

(Moved from Consent Agenda Item V) **Agreement for Engineering Services for the Reverse Osmosis Water Treatment Plat – Phase 1 between the City of Grimes and McClure Engineering.**

Motion by Altringer, Second by Hamp to approve the Agreement for Engineering Services for the Reverse Osmosis Water Treatment Plat – Phase 1 between the City of Grimes and McClure Engineering  
Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

(Moved from Consent Agenda Item W) **Professional Services Agreement for the Hope Commercial Plat 1 Public Improvement between the City of Grimes and Bolton I& Menk, Inc.**

Motion by Altringer, Second by Hamp to approve Professional Services Agreement for the Hope Commercial Plat 1 Public Improvement between the City of Grimes and Bolton I& Menk, Inc.  
Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

1. (Moved from Consent Agenda Item X) **Professional Services Agreement for SW County Line Road Improvements between the City of Grimes and Bolton & Menk, Inc.**



Motion by Altringer, Second by Hamp to approve Professional Services Agreement for SW County Line Road Improvements between the City of Grimes and Bolton & Menk, Inc.  
Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

**2. (Moved from Public Agenda Item B) Set a Public Hearing for September 24, 2019 at 5:30 PM and Bid Letting of Sept 18, 2019 at 11:00 AM for the Hope Commercial Plat 1 Public Improvement.**

Motion by Altringer Second Hamp by to approve the setting of a Public Hearing for September 24, 2019 at 5:30 PM and Bid Letting of Sept 18, 2019 at 11:00 AM for the Hope Commercial Plat 1 Public Improvement.

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

**3. Moved from Public Agenda Item C) Set a Public Hearing and Award of Contract for September 10, 2019 at 5:30 PM and Bid Letting of September 4, 2019 at 11:00 AM for the 2019 SW County Line Road Improvements.**

Motion by Altringer, Second by Hamp to approve setting a Public Hearing and Award of Contract for September 10, 2019 at 5:30 PM and Bid Letting of September 4, 2019 at 11:00 AM for the 2019 SW County Line Road Improvements.

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

**4. Possible Action Resulting from Closed Session**

City Attorney Henderson states that in regards to the pending case of Fried versus the City of Grimes regarding a challenge to an assessment he asked that the Council instruct him to proceed with regard to the authority he was granted in closed session.

Motion by Johansen, Second by Hamp to have the City Attorney proceed with regard to the Authority granted in Closed Session.

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

Moved by Altringer, Seconded by Hamp; there being no further business the meeting was adjourned at 8:07 pm.

Roll Call: Ayes: All. Nays: None. Motion passes: 5 to 0.

**ATTEST:**

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Rochelle Williams, City Clerk

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Scott Mikkelsen, Mayor



The workshop meeting of the Grimes City Council was called to order by Mayor Pro Tem Altringer on Tuesday, August 13, 2019 at 4:00 pm at Grimes City Hall.

Roll Call: Present: Johansen, Gisch, Burger, Altringer Absent: Hamp

**APPROVAL OF THE AGENDA**

Moved by Johansen, Seconded by Gisch; the agenda shall be approved.

Roll call. Ayes: All. Nays: None. Motion passes 3 to 0.

**A. Performance Management System – HR Director Erik Fisk**

HR Director Erik Fisk provided an outline of a performance management system as requested by the Council for their review.

(Mayor Mikkelsen arrives during the workshop)

**New Business**

Moved by Gisch, Seconded by Johansen there being no further business, the workshop meeting is adjourned at 5:09 pm.

ATTEST:

\_\_\_\_\_  
Rochelle Williams, City Clerk

\_\_\_\_\_  
Scott Mikkelsen, Mayor





The strategic planning workshop meeting of the Grimes City Council was called to order by Mayor Mikkelsen on Wednesday, August 28, 2019 at 2:00 PM at Grimes City Hall.

Roll Call: Present: Johansen, Gisch, Altringer, Hamp Absent: Burger

The Council met for the second day with facilitator Lyle Sumek for Strategic Planning discussions.

There being no further business, the strategic planning workshop meeting is adjourned at 6:00 pm.

ATTEST:

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Rochelle Williams, City Clerk

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Scott Mikkelsen, Mayor



The strategic planning workshop meeting of the Grimes City Council was called to order by Mayor Mikkelsen on Tues, August 27, 2019 at 12:00 noon at Grimes City Hall.

Roll Call: Present: Johansen, Gisch, Altringer, Hamp Absent: Burger

The Council met with facilitator Lyle Sumek for Strategic Planning discussions.

Council Member Burger arrives at 6:30 pm.

There being no further business, the strategic planning workshop is adjourned at 8:00 pm.

ATTEST:

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Rochelle Williams, City Clerk

---

Scott Mikkelsen, Mayor



RESOLUTION AGREEING TO SETTLEMENT OF ASSESSMENT CASE AND  
AUTHORIZING MAYOR TO SIGN

Grimes Resolution No. 09-0119

WHEREAS, the City of Grimes assessed certain property pursuant to Iowa law as part of a public works project;

WHEREAS, one group of property owners whose land was assessed challenged the size of the assessment in Polk County District Court in a case entitled Nancy Fried, et al. v City of Grimes, Case No. EQCE082879;

WHEREAS, the property owners and Grimes have agreed to a mutually agreeable resolution of this dispute, and this settlement is in the best interest of Grimes;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Grimes, Iowa, that the above-captioned matter be settled pursuant to the Settlement Agreement attached as Exhibit A, and that the Mayor is authorized to execute the Settlement Agreement on behalf of Grimes.

Passed by the City Council of the City of Grimes, Iowa, by of vote of \_\_\_ to \_\_\_ the 10th day of September, 2019, and approved this 10th day of September, 2019.

---

Scott Mikkelsen, Mayor

Attested:

---

Rochelle Williams, City Clerk

## SETTLEMENT AGREEMENT

This Settlement Agreement effective the \_\_\_\_ day of \_\_\_\_\_, 2019 ("Effective Date"), is made by and among Nancy Fried, Jay Fried, Robert Fried, and Megan Scott (collectively the "Owners") and the City of Grimes, Iowa ("City"). Each is a "Party" and collectively they are the "Parties."

### **RECITALS**

1. On March 29, 2018, Owners filed a Petition in Equity against the City. The lawsuit was given Polk County Case No. EQCE082879 (the "Lawsuit").
2. The Lawsuit relates to a special assessment made by the City against two parcels of property with a combined legal description of: The Northeast Quarter (NE 1/4), Section 18, Township 79 North, Range 25 West of the 5th P.M., Polk County, Iowa (the "Property").
3. The special assessment relates to improvements made in the City of Grimes in the area of S. James and SE 37<sup>th</sup> St. (the "Project"). The Project was approved via a Resolution of Necessity passed by the Grimes City Council on or about March 16, 2018.
4. All Parties now wish to resolve all their differences and any related matters under the terms and conditions set forth below.

NOW, THEREFORE, in consideration of the above recitals, the mutual promises contained herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows.

### **AGREEMENT**

1. Recitals. The Recitals set forth above are incorporated by reference and are deemed a material part of this Agreement. The Parties to this Agreement represent and warrant that such Recitals are true and correct in all material respects.
2. Assessment. The amount assessed against the Property for the Project shall be \$126,345.90 plus the Owners' proportionate share of any additional expenses related to the Project not yet received by the City at the time of the Effective Date of this Settlement Agreement. The Owners' proportionate share shall be calculated based on their share (as compared to the other specially assessed land owners) of twenty percent (20%) of the total of such additional costs (eighty percent (80%) of such costs allocated to the City). Notwithstanding the foregoing, the amount assessed shall not exceed \$150,180.
3. Ag Deferment. The City acknowledges and agrees that the special assessment against the Property shall remain ag deferred in accordance with Iowa Code.
4. Future Assessments. The Parties agree that no future special assessments shall be made against the Property unless a) the parties mutually agree to such an assessment, or b) the



Property is further subdivided or developed for non-agricultural use by its current or any future owners.

5. Covenant. The covenant of paragraph 4 shall run with the land and may be recorded by the Owners or their designee. The City shall provide reasonable cooperation if and as needed for the covenant to be properly recorded.

6. Lawsuit. The Owners shall dismiss their Lawsuit within ten (10) days of the Effective Date of this Settlement Agreement.

7. Modifications. This Settlement Agreement may not be amended, modified, superseded, or canceled, and none of the terms, covenants, representations, warranties, or conditions may be waived except by written instrument. In the case of waiver, the Party waiving compliance must sign the waiver.

8. Drafting Party. The Parties agree that this Settlement Agreement was a document drafted, negotiated and agreed upon by the Parties and their respective legal counsel. The fact that one of the Parties may have been responsible for drafting or editing this Agreement shall not be interpreted or construed against such Party in any dispute over construction, interpretation, or meaning of this Agreement.

9. Counterparts. This Agreement may be executed in counterparts, and each counterpart, once executed, shall have the efficacy of a signed original. True and correct copies, including electronic and facsimile copies of signed counterparts, may be used in place of originals for any purpose.

THIS SETTLEMENT AGREEMENT is entered and executed as set forth above by and among the Parties set forth below.

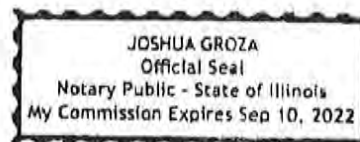
State of Illinois  
County of Cook

  
Nancy Fried

  
Jay Fried

On this 19 day of 8, 2019, Nancy Fried  
and Jay Fried personally appeared before me  
and signed this document.





State of Illinois  
County of Lake

  
\_\_\_\_\_  
Robert Fried



On this 19 day of Aug., 2019, ~~Megan Scott~~ <sup>Robert Fried</sup>  
personally appeared before me and signed  
this document.

State of Indiana  
County of Marion

\_\_\_\_\_  
Megan Scott

On this \_\_\_\_ day of \_\_\_\_, 2019, Megan Scott  
personally appeared before me and signed  
this document.

On Behalf of the City of Grimes:

\_\_\_\_\_  
Mayor Scott Mikkelsen

Attest:  
Rochelle Williams, Grimes City  
Clerk \_\_\_\_\_

\_\_\_\_\_  
Date



State of Illinois  
County of Lake

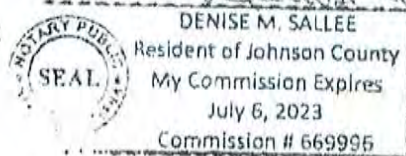
\_\_\_\_\_  
Robert Fried

On this \_\_\_\_ day of \_\_\_\_, 2019, Megan Scott  
personally appeared before me and signed this  
document.

State of Indiana  
County of Marion

Megan Scott  
\_\_\_\_\_  
Megan Scott

On this 19 day of 08, 2019, Megan Scott  
personally appeared before me and signed this  
document.



On Behalf of the City of Grimes:

\_\_\_\_\_  
Mayor Scott Mikkelsen

Attest:  
Rochelle Williams, Grimes City  
Clerk \_\_\_\_\_

\_\_\_\_\_  
Date

RESOLUTION AGREEING TO SETTLEMENT OF ASSESSMENT CASE AND  
AUTHORIZING MAYOR TO SIGN

Grimes Resolution No. 09-0619

WHEREAS, the City of Grimes assessed certain property pursuant to Iowa law as part of a public works project;

WHEREAS, two property owners whose land was assessed challenged the size of the assessment in Polk County District Court in a case entitled PMR Reality Group, LLC, v. City of Grimes, EQCE 082846 and Prairie Business Park I, LLC, v. City of Grimes, EQCE 082847;

WHEREAS, the property owners and Grimes have agreed to a mutually agreeable resolution of this dispute, and this settlement is in the best interest of Grimes;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Grimes, Iowa, that the above-captioned matter be settled pursuant to the Settlement Agreement attached as Exhibit A, and that the Mayor is authorized to execute the Settlement Agreement on behalf of Grimes.

Passed by the City Council of the City of Grimes, Iowa, by of vote of \_\_\_to\_\_\_ the 10th day of September, 2019, and approved this 10th day of September, 2019.

---

Scott Mikkelsen, Mayor

Attested:

---

Rochelle Williams, City Clerk



## SETTLEMENT AGREEMENT

**THIS SETTLEMENT AGREEMENT** (hereafter "Agreement"), entered into between the **City of Grimes, Iowa, a municipal corporation, of the State of Iowa (hereafter "City") and Prairie Business Park I, LLC and PMR Realty Group, LLC (hereafter "Property Owners").**

### INTRODUCTORY STATEMENT

**WHEREAS**, City, on March 13, 2018, held a public hearing and at said hearing adopted a Resolution of Necessity initiating the S. James Street and 37<sup>th</sup> Street Special Assessment Project (hereafter "Project") and all parties agree the Property Owners have been **impacted by said** Project and that the preliminary assessment for said Property Owners (identified as Parcel No. 4 and Parcel No. 5 in the City's Preliminary Assessment Schedule) is presently in the aggregate amount of One Million Three Hundred Ninety Thousand Five Hundred Thirty-Five and 74/100 Dollars (\$1,390,535.74);

**WHEREAS**, on March 23, 2018, the Property Owners filed two civil actions in the Iowa District Court for Polk County challenging the legality of said special assessments.

**NOW, THEREFORE, the parties agree to settle all claims arising out of the City's Project in return for the mutual covenants between City and Property Owners as set out in this Agreement and these mutual covenants constitute consideration, the receipt and sufficiency of which is hereby acknowledged. The mutual covenants between the City and Property Owners are as follows:**

**1. Special Assessments.** The total aggregate amount of the special assessments for this Project (for Parcels identified as No. 4 and No. 5 on the City of Grimes Preliminary Assessment Schedule) is hereby permanently set at Nine Hundred Eighty-Nine Thousand One Hundred Fifty-Two and 94/100 Dollars (\$989,152.94). Upon receipt of payment to the City, the City agrees it shall not impose any other special assessments against said property for any costs associated with this Project.

**2. Resolution.** In return for the Property Owners commitment as stated in Paragraph 1 of this Agreement, the City agrees to adopt a Resolution which shall be approved **by a majority of the City Council** for the City of Grimes, committing the City to do the following:

(a) Accept as a final assessment against the Property Owners the amount of Nine Hundred Eighty-Nine Thousand One Hundred Fifty-Two and 94/100 Dollars (\$989,152.94). No other

costs associated with the S. James Street and S. 37<sup>th</sup> Street Special Assessment Project shall in any way be imposed upon the Property Owners.

(b) Accept an amended Development Agreement for Prairie Business Park 1. The Development Agreement for Prairie Business Park 1 shall be amended to include one additional year of rebates to be paid to the Property Owners. The rebates to be reimbursed to the Property Owners shall be in an amount equal to the excess special assessment payment (\$529,933.74) they have made to the City. Attached to this Agreement is the amended Development Agreement for Prairie Business Park 1 which is marked as Exhibit "A" and shall be approved (and executed) by the applicable parties.

(c) Accept the Development Agreement for Prairie Business Park 4 (a future warehouse). The Development Agreement for Prairie Business Park 4 will provide for the same terms and conditions as the existing Development Agreement for Prairie Business Park 3. Attached to this Agreement is the Development Agreement for Prairie Business Park 4 which is marked as Exhibit "B" and shall be approved (and executed) by the applicable parties.

**3. Dismissal with Prejudice.** When both the Resolution referenced in Paragraph 2(a) through 2(c) of this Agreement and the Development Agreements referenced in Paragraph 2 (b) and 2(c) of this Agreement are adopted by a majority of the Grimes City Council, the Property Owners will then pay to the City (as the final special assessment for the Project) the amount identified in Paragraph 1 of this Agreement. Further, the Property Owners will dismiss, with prejudice, the two civil actions now pending with the Iowa District for Polk County. The unfiled Dismissals with Prejudice are attached hereto and marked as Exhibit "C" and "D".

**4. Remedies.** Any party may initiate such proceedings as may be necessary or desirable to cure and remedy defaults or breaches, if any, including, but not limited to, proceedings in equity by any party to collect damages in the event of default.

**5. Prior Approval.** This Agreement, including but not limited to the exhibits attached hereto, is subject to approval of the City's City Council and neither City, nor its representatives or agents, shall be bound by this Agreement and attached exhibits until the Resolution referenced in Paragraph 2 is approved. The City Council shall approve this Settlement Agreement by Resolution no later than October 1, 2019.



6. Binding Agreement. This Agreement shall inure to the benefit of and be binding upon the heirs, executors, administrators, assigns and successors in interest of the respective parties, if any.

7. Terms. The terms of this Agreement are fully understood and voluntarily accepted by Property Owners and City for the purpose of making full and final settlement of any claims of any nature, disputed or otherwise, on account of any damages existing from the terms of this Agreement as to the Project. This Agreement and attached exhibits shall constitute the entire agreement between the City and the Property Owners as to the Project and supersedes all other written or oral agreements, discussions and negotiations regarding the Project. To the extent that this agreement conflicts with any prior agreements between the City and any party hereto, this agreement shall govern and shall be construed as amending and substituting any such prior agreements, whether written or oral. The terms of this Agreement may not be amended except in writing by agreement of the City and Property Owners.

8. Jurisdiction. The parties agree that this Agreement shall be governed by the laws of the State of Iowa. The parties agree that Polk County, Iowa, shall constitute the proper venue as to enforcement of **the terms, conditions and provisions of this Agreement and amendments hereto, if any.**

**CITY OF GRIMES, IOWA**

By: \_\_\_\_\_  
Scott Mikkelsen, Mayor

Attest: \_\_\_\_\_  
Rochelle Williams, City Clerk

STATE OF IOWA, COUNTY OF POLK )SS:

On this \_\_\_\_ day of \_\_\_\_\_, 2019, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Scott Mikkelsen, as Mayor, and Rochelle Williams, as the City Clerk, to me personally known, who being by me duly sworn, did say that they are the Mayor and City Clerk, respectively, of the City of Grimes, Iowa; that the seal affixed to the foregoing instrument was signed and sealed on behalf of the corporation by authority of its City Council as contained in a Roll Call No. \_\_\_\_\_, by resolution of the City Council of the City of Grimes on the \_\_\_\_ day of \_\_\_\_\_, 2019, and that the Mayor and City Clerk as such officers acknowledged the execution of said instrument to be the voluntary act and deed of the municipal corporation, by it voluntarily executed.

Notary Public in and for the State of Iowa

**Prairie Business Park I, LLC**

**By** \_\_\_\_\_  
**Steven K. Gaer, Chief Operating Officer**

**PMR Realty Group, LLC**

**By** \_\_\_\_\_  
**Steven K. Gaer, Chief Operating Officer**

**STATE OF IOWA, COUNTY OF POLK) SS:**

On this \_\_\_\_\_ day of \_\_\_\_\_, 2019, before me, the undersigned, a Notary Public in and for said County and State, personally appeared Steve K. Gaer, Chief Operating Officer of Prairie Business Park I, LLC and PMR Realty, LLC, to me personally known, who, being by me duly sworn, did say that he is the Chief Operating Officer of Prairie Business Park I, LLC and PMR Realty, LLC that no seal has been procured by the said company; that said instrument was signed on behalf of said company by authority of its Board of Directors; and that the said Steven K. Gaer as such officer, acknowledged the execution of said instrument to be the voluntary act and deed of said company, by it and by him voluntarily executed.

**Notary Public in and for the State of Iowa**



SET DATE FOR HEARING ON URBAN  
RENEWAL PLAN AMENDMENT

419952-72

Grimes, Iowa

September 10, 2019

The City Council of the City of Grimes, Iowa, met on September 10, 2019, at \_\_\_\_\_ o'clock, \_\_.m., at the \_\_\_\_\_, in the City, for the purpose of setting a date for a public hearing on a proposed urban renewal plan amendment. The Mayor presided and the roll being called, the following members of the Council were present and absent:

Present: \_\_\_\_\_

Absent: \_\_\_\_\_.

The Mayor announced that an amendment to the urban renewal plan for the Grimes Urban Renewal Area had been prepared, and that it was now necessary to set a date for a public hearing on the proposed amendment to the urban renewal plan. Accordingly, Council Member \_\_\_\_\_ moved the adoption of the following resolution entitled "Resolution Setting Date for a Public Hearing on Urban Renewal Plan Amendment," and the motion was seconded by Council Member \_\_\_\_\_. Following due consideration, the Mayor put the question on the motion and the roll being called, the following named Council Members voted:

Ayes: \_\_\_\_\_

Nays: \_\_\_\_\_.

Whereupon, the Mayor declared the resolution duly adopted as follows:

RESOLUTION NO. 09-0819

Resolution Setting Date for Public Hearing on Urban Renewal Plan Amendment

WHEREAS, the City Council of the City of Grimes, Iowa (the "City") by resolution previously established the Grimes Urban Renewal Area (the "Urban Renewal Area") and adopted an urban renewal plan (the "Plan") for the governance of initiatives and projects therein; and

WHEREAS, an amendment to the Plan has been prepared which would (1) update the description of the City's 2015 Prairie Business Park Commercial/Industrial Development Project; and (2) facilitate the undertaking of new urban renewal projects in the Urban Renewal Area consisting of (a) using tax increment financing to pay the costs of constructing a new municipal library; and (b) providing tax increment financing support to PMR Realty Group, LLC in connection with the construction of a new commercial/industrial building referred to as the Prairie Business Park Warehouse 4, and it is now necessary that a date be set for a public hearing on that plan amendment;

NOW, THEREFORE, Be It Resolved by the City Council of the City of Grimes, Iowa, as follows:

Section 1. This City Council will meet at the Grimes City Hall, 101 NE Harvey Street, Grimes, Iowa, on October 8, 2019, at 5:30 o'clock p.m., at which time and place it will hold a public hearing on the proposed amendment to the Plan for the Urban Renewal Area.

Section 2. The City Clerk shall publish notice of said hearing, the same being in the form attached hereto, which publication shall be made in a legal newspaper of general circulation in the City, which publication shall be not less than four (4) and not more than twenty (20) days before the date set for hearing.

Section 3. Pursuant to Section 403.5 of the Code of Iowa, the City Administrator is hereby designated as the City's representative in connection with the consultation process which is required under that section of the urban renewal law.

Passed and approved this September 10, 2019.

---

Mayor Scott Mikkelsen

Attest:

---

City Clerk Rochelle Williams



NOTICE OF PUBLIC HEARING ON PROPOSED URBAN RENEWAL PLAN  
AMENDMENT

Notice Is Hereby Given: That at 5:30 o'clock p.m., at the Grimes City Hall, 101 NE Harvey Street, Grimes, Iowa, on October 8, 2019, the City Council of the City of Grimes, Iowa, will hold a public hearing on the question of amending the urban renewal plan for the Grimes Urban Renewal Area to (1) update the description of the City's 2015 Prairie Business Park Commercial/Industrial Development Project; and (2) facilitate the undertaking of new urban renewal projects in the Urban Renewal Area consisting of (a) using tax increment financing to pay the costs of constructing a new municipal library; and (b) providing tax increment financing support to PMR Realty Group, LLC in connection with the construction of a new commercial/industrial building referred to as the Prairie Business Park Warehouse 4. A copy of the amendment is on file for public inspection in the office of the City Clerk.

At said hearing any interested person may file written objections or comments and may be heard orally with respect to the subject matters of the hearing.

Rochelle Williams  
City Clerk

• • • • •

On motion and vote the meeting adjourned.

---

Mayor Scott Mikkelsen

Attest:

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City Clerk Rochelle Williams



STATE OF IOWA  
COUNTIES OF DALLAS AND POLK      SS:  
CITY OF GRIMES

I, the undersigned, City Clerk of the aforementioned City do hereby certify that pursuant to the resolution of its City Council fixing a date of public hearing on a proposed urban renewal plan amendment, the notice, of which the printed slip attached to the publisher's affidavit hereto attached is a true and complete copy, was published on the date and in the newspaper specified in such affidavit, which newspaper has a general circulation in the City, and copies were sent to the county and school district.

WITNESS my hand this \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
City Clerk Rochelle Williams

**(Attach here publisher's affidavit of publication of notice.)**

**(PLEASE NOTE: This certificate must not be dated until the publication has been made and you have reviewed it to be sure that the notice was published on the date indicated in the attached affidavit.)**

STATE OF IOWA  
COUNTIES OF DALLAS AND POLK      SS:  
CITY OF GRIMES

I, the undersigned, City Clerk of the aforementioned City, do hereby certify that as such I have in my possession or have access to the complete corporate records of the City and of its officers; and that I have carefully compared the transcript hereto attached with the aforesaid records and that the attached is a true, correct and complete copy of the corporate records relating to the action taken by the City Council preliminary to and in connection with setting a date for public hearing on an urban renewal plan amendment.

WITNESS my hand this \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
City Clerk Rochelle Williams



[City letterhead]

DATE: \_\_\_\_\_

TO: Board of Supervisors, Polk County  
Superintendent, Dallas Center-Grimes Community School District

FROM: City Council  
City of Grimes, Iowa

RE: Grimes Urban Renewal Plan Amendment

The City of Grimes is in the process of amending the urban renewal plan for the Grimes Urban Renewal Area, and, pursuant to Section 403.5 of the Code of Iowa, the City is sending you the enclosed copy of its urban renewal plan amendment and scheduling a meeting at which you will have the opportunity to discuss this amendment.

The meeting to discuss our urban renewal plan amendment has been set for \_\_\_\_\_, 2019, at \_\_\_\_\_ o'clock \_\_\_\_\_.m. at the \_\_\_\_\_ in Grimes. If you are unable to send a representative to the meeting, we invite your written comments. In addition, Section 403.5 gives your designated representative the right to make written recommendations concerning the urban renewal plan amendment no later than seven days following the date of the meeting.

The City will also hold a public hearing on this urban renewal plan amendment at \_\_\_\_\_ o'clock \_\_\_\_\_.m. on October 8, 2019, and a copy of the notice of hearing is enclosed for your information.

Please call our City Administrator at 515-986-3036 if you have questions.

Enclosure

Superintendent  
Dallas Center-Grimes Community School District  
1414 Walnut Street, Ste. 200  
PO Box 512  
Dallas Center, Iowa 50063

Please call John Danos or me if you have questions.

Kind regards,

Amy Bjork

cc: Rochelle Williams



CITY OF GRIMES, IOWA  
URBAN RENEWAL PLAN AMENDMENT  
GRIMES URBAN RENEWAL AREA

October, 2019

The Urban Renewal Plan (the "Plan") for the Grimes Urban Renewal Area (the "Urban Renewal Area") is being amended for the purposes of (i) updating the description of the City's 2015 Prairie Business Park Commercial/Industrial Development Project and (ii) identifying new urban renewal projects to be undertaken within the Urban Renewal Area.

**1) Update Description of the 2015 Prairie Business Park Commercial/Industrial Development Project.** The City approved the 2015 Prairie Business Park Commercial/Industrial Development Project in the Plan. It is now necessary to update the description of the 2015 Prairie Business Park Commercial/Industrial Development Project as follows:

**Name of Project:** 2015 Prairie Business Park Commercial/Industrial Development Project

**Name of Urban Renewal Area:** Grimes Urban Renewal Area

**Date of Council Approval of Project:** April 14, 2015, as amended October 8, 2019

**Description of Project and Project Site:** Certain property (the "Prairie Business Park Property") situated in the Urban Renewal Area has been identified by the prior action of the City Council as a property in need of economic development initiatives. Prairie Business Park I, LLC (the "Developer") has undertaken the development of a new commercial and industrial business park (the "Prairie Business Park Project") on the Prairie Business Park Property (as defined in the April 14, 2015 Amendment to the Plan).

**Description of Public Infrastructure:** In order to assist the Developer in the promotion of the highest and best commercial and industrial use of the Prairie Business Park Property, the City has caused certain public infrastructure improvements (the "Public Improvements Project") to be constructed on the Prairie Business Property.

**Description of Use of TIF:** The City and the Developer have entered into a development agreement (the "Original Agreement") pursuant to which the Developer has undertaken the Prairie Business Park Project and the City has undertaken the Public Improvement Project. Pursuant to the Original Agreement, the City has agreed to provide economic development incentive payments (the "Payments") to the Developer in an amount not to exceed \$1,300,000 for a period of not to exceed five years. The City and the Developer intend to enter into an amended development agreement (the "Amended Agreement") in order to increase the aggregate amount of the Payments and the total number of such Payments. Under the Amended Agreement, the City will provide Payments to the Developer in an amount not to exceed \$1,830,233.74 for a period of not to exceed seven

years. The Payments will be funded exclusively with the incremental property tax revenues to be received from the Prairie Business Park Property.

**2) Identification of Projects.** By virtue of this amendment, the list of authorized urban renewal projects in the Plan is hereby amended to include the following project descriptions:

**A.**

**Name of Project:** Municipal Library Development Project

**Name of Urban Renewal Area:** Grimes Urban Renewal Area

**Date of Council Approval of Project:** October 8, 2019

**Description of Project and Project Site:** The Municipal Library Development Project (the "Library Development Project") will consist of the construction of a new building to serve as the Municipal Library. It is anticipated that the Library Development Project will be constructed on City-owned property situated at the southeast corner of the intersection of James Street and Beaverbrook Boulevard (the "Library Development Property") in the Urban Renewal Area. The completed Library Development Project will have a direct, positive impact on increased and improved commerce and development in the Urban Renewal Area through the provision of enhanced municipal services and facilities.

**Description of Public Infrastructure:** It is not anticipated that the City will undertake additional public infrastructure improvements in connection with Library Development Project.

**Description of Properties to be Acquired in Connection with Library Development Project:** It is not anticipated that the City will need to acquire additional property in connection with the Library Development Project.

**Description of Use of TIF:** The City intends to pay the costs of the Library Development Project in the amount of \$10,500,000. The City will likely issue bonded indebtedness to pay for a portion of the construction of the Library Development Project. The City may also use internal advances of funds to cover certain Library Development Project costs. The City intends to use incremental property tax revenues derived from the Urban Renewal Area to pay a portion of the debt service on the City's bonds or notes and to repay any internal advances of funds made with respect to the Library Development Project.

**Analysis of Use of TIF:** In accordance with the requirement of Section 403.5(2)(b)(1) of the Code of Iowa, the City has analyzed its proposed use of incremental property tax revenues for the funding of the Library Development Project and alternative development and funding options for the Library Development Project. The results of that analysis are summarized as follows:

A) Alternate Development Options: The City Council has determined that a need exists for the provision of new and improved library services and facilities in the Urban Renewal Area. The City's ability to fulfill its role in library services in the Urban Renewal Area is diminished by inadequate, outdated and undersized library facilities. There is no conceivable way for the City to outsource or privatize the services provided by the municipal library, and the use of the Library Development Property as the site for the Library Development Project is an optimal use for this land. Promoting other types of development on the Library Development Property will not meet the public need being addressed by the Library Development Project.

B) Alternate Financing Options:

\* Local Option Sales and Services Tax Revenues: To the extent that they are not dedicated to other financing needs of the City, the City may use a portion of its Local Option Sales and Services Tax revenues to pay costs associated with the Library Development Project.

\* General Fund: The City is at its \$8.10 per thousand levy limit for the General Fund, and the annual proceeds from this levy are fully committed to maintain the operational integrity of the City. The City cannot access its General Fund reserves to aid in the Library Development Project funding without risking unsound fiscal practice.

\* Capital Improvements Levy: The City does not have a Capital Improvements Levy available, and the imposition of such additional levy would require a successful referendum, which is not feasible at this time.

\* Debt Service Levy: The City does not have authority to levy a debt service tax for general obligation indebtedness for the Library Development Project. It is not feasible for the City to acquire the authority, either through full referendum or reverse referendum, to issue general obligation indebtedness for the Library Development Project without the ability to assure the voting public that tax increment financing will be available to assist with the funding. The use of tax increment financing will lessen the burden on individual tax payers that would result from a spike in the debt service levy rate and will shift that burden onto valuation increases resulting from the City's successful economic development initiatives.

\* Utility Surpluses: The City does not have identified surpluses in its sewer and water utility funds that could aid in the funding of the Library Development Project.

\* Fundraising: The City has undertaken fundraising initiatives to aid in the funding of the Library Development Project.

\* Grants: The City will apply for grants to aid in the funding of the Library Development Project.



**B.**

**Name of Project:** Prairie Business Park Warehouse 4 Development Project

**Name of Urban Renewal Area:** Grimes Urban Renewal Area

**Date of Council Approval of Project:** October 8, 2019

**Description of Project and Project Site:** PMR Realty, LLC (the “Developer”) has proposed to undertake the construction of a new commercial/industrial building referred to as the Prairie Business Park Warehouse 4 (the “PB4 Project”) on certain real property situated in the Prairie Business Park (the “PB4 Property”) in the Urban Renewal Area.

It has been requested that the City provide tax increment financing assistance to the Developer in support of the efforts to complete the PB4 Project.

The costs incurred by the City in providing tax increment financing assistance to the Developer will include legal and administrative fees (the “Admin Fees”) in an amount not to exceed \$7,500.

**Description of Public Infrastructure Projects:** It is not anticipated that the City will install public infrastructure in connection with the PB4 Project.

**Description of Properties to be Acquired in Connection with Project:** It is not anticipated that the City will acquire real property in connection with the PB4 Project.

**Description of Use of TIF:** The City intends to enter into a development agreement with the Developer with respect to the development and construction of the completed PB4 Project and to provide economic development payments (the “Payments”) thereunder. The Payments will be funded with incremental property tax revenues to be derived from the PB4 Property. It is anticipated that the City’s total commitment of incremental property tax revenues with respect to the PB4 Project will not exceed \$1,800,000, plus the Admin Fees.

**3) Required Financial Information.** The following information is provided in accordance with the requirements of Section 403.17 of the Code of Iowa:

|                                                                                                |                     |
|------------------------------------------------------------------------------------------------|---------------------|
| Constitutional debt limit of the City:                                                         | <u>\$69,656,630</u> |
| Outstanding general obligation debt of the City:                                               | <u>\$</u>           |
| Proposed maximum indebtedness to be incurred in connection with this October, 2019 Amendment:* | <u>\$13,607,500</u> |

\*It is anticipated that some or all of the debt incurred hereunder will be subject to annual appropriation by the City Council.

# PiperJaffray

3900 Ingersoll Ave., Suite 110  
Des Moines, IA 50312

## INVOICE

Date: September 4, 2019

To: City of Grimes  
101 NE Harvey St.  
Grimes, IA 50111

| Description of Services                                            | Amount     |
|--------------------------------------------------------------------|------------|
| Dissemination Agent Services for FY2018 - General Obligation Bonds | \$1,000.00 |
| Total Due                                                          | \$1,000.00 |

Please submit your payment by mail or wire.

| By Mail                                                                                                                         | Wire Instructions                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Piper Jaffray & Co.<br>Attn: Capital Markets Accounting<br>Mail Code #J09SFA<br>800 Nicollet Mall<br>Minneapolis, MN 55402-7020 | Bank Name: U.S. Bank<br>Bank City and State: Minneapolis, MN<br>ABA Routing Number: 091000022<br>Account Number: 173103114547<br>Account Name: Piper Jaffray<br>For further credit to: 064-15500<br>Ref: Attention Capital Markets Accounting |

A late fee of 1% of the total due will be added to the billing for every month from the initial billing date until the date of payment.

# PiperJaffray

3900 Ingersoll Ave., Suite 110  
Des Moines, IA 50312

## INVOICE

Date: September 4, 2019

To: City of Grimes  
101 NE Harvey ST.  
Grimes, IA 50111

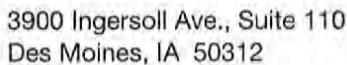
| Description of Services - SRF Loans and Cash Flow modeling                          | Amount      |
|-------------------------------------------------------------------------------------|-------------|
| SRF Loans – Water – Jordan Well Project (DWSRF-016)                                 | \$4,000.00  |
| SRF Loans – Water – Storage Tank Project (DWSRF-016 (2))                            | 4,000.00    |
| SRF Loans – Water – Water Main Project (DWSRF-016 (3))                              | 4,000.00    |
| <hr/>                                                                               |             |
| Total SRF Loans Closed (City to be reimbursed by SRF Program)                       | \$12,000.00 |
| <br>                                                                                |             |
| P&D Loan / Cash Flow modeling – Sewer SRF P&D Loan (PDCW-2005)                      | \$2,625.00  |
| -- 10.50 hours of work                                                              |             |
| P&D Loan / Cash Flow modeling – Water Treatment Plant Modeling                      | 1,375.00    |
| -- 5.50 hours of work at hourly billing of \$250 / hour                             |             |
| Cash Flow Modeling – LOST/Library/Fire Station/CIP (outside of work for 2019A&B GO) | 2,812.50    |
| -- 11.25 hours of work at hourly billing of \$250 / hour                            |             |
| Discount provided by Piper Jaffray at our sole discretion                           | - 4,500.00  |
| <hr/>                                                                               |             |
| Total Other Cash Flow Billing                                                       | \$2,312.50  |
| <br>                                                                                |             |
| Combined Fee for Services for SRF Loans Closed and Other Cash Flow Modeling         | \$14,312.50 |

Please submit your payment by mail or wire.

| By Mail                                                                                                                         | Wire Instructions                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Piper Jaffray & Co.<br>Attn: Capital Markets Accounting<br>Mail Code #J09SFA<br>800 Nicollet Mall<br>Minneapolis, MN 55402-7020 | Bank Name: U.S. Bank<br>Bank City and State: Minneapolis, MN<br>ABA Routing Number: 091000022<br>Account Number: 173103114547<br>Account Name: Piper Jaffray<br>For further credit to: 12000-370360<br>Ref: Attention Capital Markets Accounting/19-1560 |

A late fee of 1% of the total due will be added to the billing after 45 days from the initial billing date until the date of payment.





## Date: August 21, 2019

To: City of Grimes  
101 NE Harvey ST.  
Grimes, IA 50111

Please submit your payment by mail or wire.

A late fee of 1% of the total due will be added to the billing after 45 days from the initial billing date until the date of payment.



*101 NE Hawkey, Grimes, Iowa 50111  
515.986.3036 Fax 515.986.3846*

## AGENDA MEMO

Item No. X

For Meeting of September 10, 2019

**AGENDA HEADING:** SE 37<sup>th</sup> Street at Highway 141 Improvements – HR Green, Inc. Professional Services Agreement for construction services.

**SYNOPSIS:** This agreement includes the following construction engineering services; project management; construction inspection; construction staking (subconsultant); construction materials testing (subconsultant) and closeout/as-builts/audit. This project includes funding sources through the Iowa DOT, so the project is running through their system. The project is currently under construction with Concrete Technologies, Inc. of Grimes and construction engineering services are being handled with Fox Engineering. The purpose of this professional services agreement is to transition the construction engineering services from Fox Engineering to HR Green, as directed by city council through the Fox Engineering transition plan. HR Green is a very competent engineering firm that has worked on multiple projects with the Iowa DOT, including the adjacent interchange/fly over project. The schedule for this transition is to approve the professional services agreement on September 10<sup>th</sup> and for HR Green to take over construction engineering services on September 16<sup>th</sup>. HR Green estimates that the construction will continue through July 20<sup>th</sup>, 2020, with final closeout December 31<sup>st</sup>, 2020.

**FISCAL IMPACT:** This agreement includes a “not-to-exceed” fee. The total fee proposed for the remaining construction engineering services is \$206,407.00. Following our review, this appears to be a reasonable fee for this transitioned work. It should be noted that the contractor on this project is likely to go over their allotted working days stipulated in the completion provisions in their contract. HR Green will track the costs that are incurred once the working days run out and we will attempt to recoup those additional costs at the end of the construction, which will work to reduce the amount of this professional services agreement.

**PREVIOUS COUNCIL ACTION(S):**

**BOARD/COMMISSION ACTION(S):**

**STAFF/COMMITTEE RECOMMENDATION:** The staff has reviewed this Professional Services Agreement and recommends approval by the City Council.



## **PROFESSIONAL SERVICES AGREEMENT**

**For**

**37<sup>th</sup> Street Reconstruction  
Construction Administration**

Matt Ahrens, P.E., City Engineer  
City of Grimes

Jeff Koenig, Construction Project Manager  
HR Green, Inc.  
5525 Merle Hay Road  
Suite 200  
Johnston, IA 50131-1448  
190974

8/26/19



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THIS **AGREEMENT** is between City of Grimes (hereafter "CLIENT") and HR GREEN, INC. (hereafter "COMPANY").

## **1.0 Project Understanding**

### **1.1 General Understanding**

HR Green will provide full time on-site construction inspection and associated administrative related construction support services for the 37<sup>th</sup> Street Reconstruction project. Construction administration services will include project documentation per Iowa DOT standards and Instructional Memorandum 204, completion of daily records, pay estimates, contract modifications, project closeout, and other items as described in the attached scope of work.

## **2.0 Scope of Services**

The CLIENT agrees to employ COMPANY to perform the following services:

Construction project administration per the attached scope of work.

## **3.0 Deliverables and Schedules Included in this Agreement**

See attached work plan and scope of work.

This schedule was prepared to include reasonable allowances for review and approval times required by the CLIENT and public authorities having jurisdiction over the project. This schedule shall be equitably adjusted as the project progresses, allowing for changes in the scope of the project requested by the CLIENT or for delays or other causes beyond the control of COMPANY.

## **4.0 Items not included in Agreement/Supplemental Services**

The following items are not included as part of this agreement:

See attached scope of work.

Supplemental services not included in the agreement can be provided by COMPANY under separate agreement, if desired.

## **5.0 Services by Others**

PCC Plant monitoring and beam strength testing to be performed by Terracon.  
Construction Surveying to be performed by Nilles Associates.



## 6.0 Client Responsibilities

The CLIENT shall provide current project documentation completed by the prior construction administration contract including plans, pay estimates, contract modifications, Iowa DOT documentation, and other documentation required to provide the construction project administration per the Iowa DOT.

## 7.0 Professional Services Fee

### 7.1 Fees

The fee for services will be based on COMPANY standard hourly rates current at the time the Agreement is signed. These standard hourly rates are subject to change upon 30 days' written notice. Non-salary expenses directly attributable to the project such as: (i) living and traveling expenses of employees when away from the home office on business connected with the project; (ii) identifiable communication expenses; (iii) identifiable reproduction costs applicable to the work; and (iv) outside services will be charged in accordance with the rates current at the time the service is done.

### 7.2 Invoices

Invoices for COMPANY's services shall be submitted, on a monthly basis. Invoices shall be due and payable upon receipt. If any invoice is not paid within 15 days, COMPANY may, without waiving any claim or right against the CLIENT, and without liability whatsoever to the CLIENT, suspend or terminate the performance of services. The retainer shall be credited on the final invoice. Accounts unpaid 30 days after the invoice date may be subject to a monthly service charge of 1.5% (or the maximum legal rate) on the unpaid balance. In the event that any portion of an account remains unpaid 60 days after the billing, COMPANY may institute collection action and the CLIENT shall pay all costs of collection, including reasonable attorney's fees.

### 7.3 Extra Services

Any service required but not included as part of this Agreement shall be considered extra services. Extra services will be billed on a Time and Material basis with prior approval of the CLIENT.

### 7.4 Exclusion

This fee does not include attendance at any meetings or public hearings other than those specifically listed in the Scope of Services. These service items are considered extra and are billed separately on an hourly basis.

### 7.5 Retainer

This item omitted intentionally

### 7.6 Payment

The CLIENT AGREES to pay COMPANY on the following basis:

Per current Rate Schedule with an estimated fee of \_\_\_\_\_



## 8.0 Terms and Conditions

The following Terms and Conditions are incorporated into this Agreement and made a part of it.

### 8.1 Standard of Care

Services provided by COMPANY under this Agreement will be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing at the same time and in the same or similar locality.

### 8.2 Entire Agreement

This Agreement and its attachments constitute the entire understanding between CLIENT and COMPANY relating to COMPANY's services. Any prior or contemporaneous agreements, promises, negotiations, or representations not expressly set forth herein are of no effect. Subsequent modifications or amendments to this Agreement shall be in writing and signed by the parties to this Agreement. If the CLIENT, its officers, agents, or employees request COMPANY to perform extra services pursuant to this Agreement, CLIENT will pay for the additional services even though an additional written agreement is not issued or signed.

### 8.3 Time Limit and Commencement of Services

This Agreement must be executed within ninety (90) days to be accepted under the terms set forth herein. The services will be commenced immediately upon receipt of this signed Agreement.

### 8.4 Suspension of Services

If the Project or the COMPANY'S services are suspended by the CLIENT for more than thirty (30) calendar days, consecutive or in the aggregate, over the term of this Agreement, the COMPANY shall be compensated for all services performed and reimbursable expenses incurred prior to the receipt of notice of suspension. In addition, upon resumption of services, the CLIENT shall compensate the COMPANY for expenses incurred as a result of the suspension and resumption of its services, and the COMPANY'S schedule and fees for the remainder of the Project shall be equitably adjusted.

If the COMPANY'S services are suspended for more than ninety (90) days, consecutive or in the aggregate, the COMPANY may terminate this Agreement upon giving not less than five (5) calendar days' written notice to the CLIENT.

If the CLIENT is in breach of this Agreement, the COMPANY may suspend performance of services upon five (5) calendar days' notice to the CLIENT. The COMPANY shall have no liability to the CLIENT and the CLIENT agrees to make no claim for any delay or damage as a result of such suspension caused by any breach of this Agreement by the CLIENT. Upon receipt of payment in full of all outstanding sums due from the CLIENT, or curing of such other breach which caused the COMPANY to suspend services, the COMPANY shall resume services and there shall be an equitable adjustment to the remaining project schedule and fees as a result of the suspension.

### 8.5 Books and Accounts

COMPANY will maintain books and accounts of payroll costs, travel, subsistence, field, and incidental expenses for a period of five (5) years. Said books and accounts will be available at all reasonable times for examination by CLIENT at the corporate office of COMPANY during that time.

### 8.6 Insurance

COMPANY will maintain insurance for claims under the Worker's Compensation Laws, and from General Liability and Automobile claims for bodily injury, death, or property damage, and Professional Liability insurance caused by the negligent performance by COMPANY's employees of the functions and services required under this Agreement.

### 8.7 Termination or Abandonment

Either party has the option to terminate this Agreement. In the event of failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party, then the obligation to provide further services under this Agreement may be terminated upon seven (7) days' written notice. If any portion of the services is terminated or abandoned by CLIENT, the provisions of this Schedule of Fees and Conditions in regard to compensation and payment shall apply insofar as possible to that portion of the services not terminated or abandoned. If said termination occurs prior to completion of any phase of the project, the fee for services

performed during such phase shall be based on COMPANY's reasonable estimate of the portion of such phase completed prior to said termination, plus a reasonable amount to reimburse COMPANY for termination costs.

8.8 Waiver

COMPANY's waiver of any term, condition, or covenant or breach of any term, condition, or covenant, shall not constitute a waiver of any other term, condition, or covenant, or the breach thereof.

8.9 Severability

If any provision of this Agreement is declared invalid, illegal, or incapable of being enforced by any Court of competent jurisdiction, all of the remaining provisions of this Agreement shall nevertheless continue in full force and effect, and no provision shall be deemed dependent upon any other provision unless so expressed herein.

8.10 Successors and Assigns

All of the terms, conditions, and provisions hereof shall inure to the benefit of and are binding upon the parties hereto, and their respective successors and assigns, provided, however, that no assignment of this Agreement shall be made without written consent of the parties to this Agreement.

8.11 Third-Party Beneficiaries

Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the CLIENT or the COMPANY. The COMPANY's services under this Agreement are being performed solely for the CLIENT's benefit, and no other party or entity shall have any claim against the COMPANY because of this Agreement or the performance or nonperformance of services hereunder. The CLIENT and COMPANY agree to require a similar provision in all contracts with contractors, subcontractors, sub-consultants, vendors and other entities involved in this project to carry out the intent of this provision.

8.12 Governing Law and Jurisdiction

The CLIENT and the COMPANY agree that this Agreement and any legal actions concerning its validity, interpretation and performance shall be governed by the laws of the State of Iowa without regard to any conflict of law provisions, which may apply the laws of other jurisdictions.

It is further agreed that any legal action between the CLIENT and the COMPANY arising out of this Agreement or the performance of the services shall be brought in a court of competent jurisdiction in the State of Iowa.

8.13 Dispute Resolution

Mediation. In an effort to resolve any conflicts that arise during the design or construction of the project or following the completion of the project, the CLIENT and COMPANY agree that all disputes between them arising out of or relating to this Agreement shall be submitted to non-binding mediation unless the parties mutually agree otherwise. The CLIENT and COMPANY further agree to include a similar mediation provision in all agreements with independent contractors and consultants retained for the project and to require all independent contractors and consultants also to include a similar mediation provision in all agreements with subcontractors, sub-consultants, suppliers or fabricators so retained, thereby providing for mediation as the primary method for dispute resolution between the parties to those agreements.

8.14 Attorney's Fees

If litigation arises for purposes of collecting fees or expenses due under this Agreement, the Court in such litigation shall award reasonable costs and expenses, including attorney fees, to the party justly entitled thereto. In awarding attorney fees, the Court shall not be bound by any Court fee schedule, but shall, in the interest of justice, award the full amount of costs, expenses, and attorney fees paid or incurred in good faith.

8.15 Ownership of Instruments of Service

All reports, plans, specifications, field data, field notes, laboratory test data, calculations, estimates and other documents including all documents on electronic media prepared by COMPANY as instruments of service shall remain the property of COMPANY. COMPANY shall retain these records for a period of five (5) years following completion/submission of the records, during which period they will be made available to the CLIENT at all reasonable times.

8.16 Reuse of Documents

All project documents including, but not limited to, plans and specifications furnished by COMPANY under this project are intended for use on this project only. Any reuse, without specific written verification or adoption by

COMPANY, shall be at the CLIENT's sole risk, and CLIENT shall defend, indemnify and hold harmless COMPANY from all claims, damages and expenses including attorney's fees arising out of or resulting therefrom.

Under no circumstances shall delivery of electronic files for use by the CLIENT be deemed a sale by the COMPANY, and the COMPANY makes no warranties, either express or implied, of merchantability and fitness for any particular purpose. In no event shall the COMPANY be liable for indirect or consequential damages as a result of the CLIENT's use or reuse of the electronic files.

8.17 Failure to Abide by Design Documents or To Obtain Guidance

The CLIENT agrees that it would be unfair to hold COMPANY liable for problems that might occur should COMPANY'S plans, specifications or design intents not be followed, or for problems resulting from others' failure to obtain and/or follow COMPANY'S guidance with respect to any errors, omissions, inconsistencies, ambiguities or conflicts which are detected or alleged to exist in or as a consequence of implementing COMPANY'S plans, specifications or other Instruments of Service. Accordingly, the CLIENT waives any claim against COMPANY, and agrees to defend, indemnify and hold COMPANY harmless from any claim for injury or losses that results from failure to follow COMPANY'S plans, specifications or design intent, or for failure to obtain and/or follow COMPANY'S guidance with respect to any alleged errors, omissions, inconsistencies, ambiguities or conflicts contained within or arising as a result of implementing COMPANY'S plans, specifications or other Instruments of Service. The CLIENT also agrees to compensate COMPANY for any time spent and expenses incurred remedying CLIENT's failures according to COMPANY'S prevailing fee schedule and expense reimbursement policy.

8.18 Opinion of Probable Construction Cost

As part of the Deliverables, COMPANY may submit to the CLIENT an opinion of probable cost required to construct work recommended, designed, or specified by COMPANY, if required by CLIENT. COMPANY is not a construction cost estimator or construction contractor, nor should COMPANY'S rendering an opinion of probable construction costs be considered equivalent to the nature and extent of service a construction cost estimator or construction contractor would provide. This requires COMPANY to make a number of assumptions as to actual conditions that will be encountered on site; the specific decisions of other design professionals engaged; the means and methods of construction the contractor will employ; the cost and extent of labor, equipment and materials the contractor will employ; contractor's techniques in determining prices and market conditions at the time, and other factors over which COMPANY has no control. Given the assumptions which must be made, COMPANY cannot guarantee the accuracy of its opinions of cost, and in recognition of that fact, the CLIENT waives any claim against COMPANY relative to the accuracy of COMPANY'S opinion of probable construction cost.

8.19 Design Information in Electronic Form

Because electronic file information can be easily altered, corrupted, or modified by other parties, either intentionally or inadvertently, without notice or indication, COMPANY reserves the right to remove itself from its ownership and/or involvement in the material from each electronic medium not held in its possession. CLIENT shall retain copies of the work performed by COMPANY in electronic form only for information and use by CLIENT for the specific purpose for which COMPANY was engaged. Said material shall not be used by CLIENT or transferred to any other party, for use in other projects, additions to this project, or any other purpose for which the material was not strictly intended by COMPANY without COMPANY's express written permission. Any unauthorized use or reuse or modifications of this material shall be at CLIENT'S sole risk. Furthermore, the CLIENT agrees to defend, indemnify, and hold COMPANY harmless from all claims, injuries, damages, losses, expenses, and attorney's fees arising out of the modification or reuse of these materials.

The CLIENT recognizes that designs, plans, and data stored on electronic media including, but not limited to computer disk, magnetic tape, or files transferred via email, may be subject to undetectable alteration and/or uncontrollable deterioration. The CLIENT, therefore, agrees that COMPANY shall not be liable for the completeness or accuracy of any materials provided on electronic media after a 30 day inspection period, during which time COMPANY shall correct any errors detected by the CLIENT to complete the design in accordance with the intent of the contract and specifications. After 40 days, at the request of the CLIENT, COMPANY shall submit a final set of sealed drawings, and any additional services to be performed by COMPANY relative to the submitted electronic materials shall be subject to separate Agreement. The CLIENT is aware that differences may exist between the electronic files delivered and the printed hard-copy construction documents. In the event of a conflict between the signed construction documents prepared by the COMPANY and electronic files, the signed or sealed hard-copy construction documents shall govern.



#### 8.20 Information Provided by Others

The CLIENT shall furnish, at the CLIENT's expense, all information, requirements, reports, data, surveys and instructions required by this Agreement. The COMPANY may use such information, requirements, reports, data, surveys and instructions in performing its services and is entitled to rely upon the accuracy and completeness thereof. The COMPANY shall not be held responsible for any errors or omissions that may arise as a result of erroneous or incomplete information provided by the CLIENT and/or the CLIENT's consultants and contractors.

COMPANY is not responsible for accuracy of any plans, surveys or information of any type including electronic media prepared by any other consultants, etc. provided to COMPANY for use in preparation of plans. The CLIENT agrees, to the fullest extent permitted by law, to indemnify and hold harmless the COMPANY from any damages, liabilities, or costs, including reasonable attorneys' fees and defense costs, arising out of or connected in any way with the services performed by other consultants engaged by the CLIENT.

COMPANY is not responsible for accuracy of topographic surveys provided by others. A field check of a topographic survey provided by others will not be done under this Agreement unless indicated in the Scope of Services.

#### 8.21 Force Majeure

The CLIENT agrees that the COMPANY is not responsible for damages arising directly or indirectly from any delays for causes beyond the COMPANY's control. CLIENT agrees to defend, indemnify, and hold COMPANY, its consultants, agents, and employees harmless from any and all liability, other than that caused by the negligent acts, errors, or omissions of COMPANY, arising out of or resulting from the same. For purposes of this Agreement, such causes include, but are not limited to, strikes or other labor disputes; severe weather disruptions or other natural disasters or acts of God; fires, riots, war or other emergencies; failure of any government agency to act in timely manner; failure of performance by the CLIENT or the CLIENT'S contractors or consultants; or discovery of any hazardous substances or differing site conditions. Severe weather disruptions include but are not limited to extensive rain, high winds, snow greater than two (2) inches and ice. In addition, if the delays resulting from any such causes increase the cost or time required by the COMPANY to perform its services in an orderly and efficient manner, the COMPANY shall be entitled to a reasonable adjustment in schedule and compensation.

#### 8.22 Job Site Visits and Safety

Neither the professional activities of COMPANY, nor the presence of COMPANY'S employees and sub-consultants at a construction site, shall relieve the General Contractor and any other entity of their obligations, duties and responsibilities including, but not limited to, construction means, methods, sequence, techniques or procedures necessary for performing, superintending or coordinating all portions of the work of construction in accordance with the contract documents and any health or safety precautions required by any regulatory agencies. COMPANY and its personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions. The CLIENT agrees that the General Contractor is solely responsible for job site safety, and warrants that this intent shall be made evident in the CLIENT's AGREEMENT with the General Contractor. The CLIENT also agrees that the CLIENT, COMPANY and COMPANY'S consultants shall be indemnified and shall be made additional insureds on the General Contractor's and all subcontractor's general liability policies on a primary and non-contributory basis.

#### 8.23 Hazardous Materials

CLIENT hereby understands and agrees that COMPANY has not created nor contributed to the creation or existence of any or all types of hazardous or toxic wastes, materials, chemical compounds, or substances, or any other type of environmental hazard or pollution, whether latent or patent, at CLIENT's premises, or in connection with or related to this project with respect to which COMPANY has been retained to provide professional engineering services. The compensation to be paid COMPANY for said professional engineering services is in no way commensurate with, and has not been calculated with reference to, the potential risk of injury or loss which may be caused by the exposure of persons or property to such substances or conditions. Therefore, to the fullest extent permitted by law, CLIENT agrees to defend, indemnify, and hold COMPANY, its officers, directors, employees, and consultants, harmless from and against any and all claims, damages, and expenses, whether direct, indirect, or consequential, including, but not limited to, attorney fees and Court costs, arising out of, or resulting from the discharge, escape, release, or saturation of smoke, vapors, soot, fumes, acid, alkalis, toxic chemicals, liquids gases, or any other materials, irritants, contaminants, or pollutants in or

into the atmosphere, or on, onto, upon, in, or into the surface or subsurface of soil, water, or watercourses, objects, or any tangible or intangible matter, whether sudden or not.

It is acknowledged by both parties that COMPANY'S scope of services does not include any services related to asbestos or hazardous or toxic materials. In the event COMPANY or any other party encounters asbestos or hazardous or toxic materials at the job site, or should it become known in any way that such materials may be present at the job site or any adjacent areas that may affect the performance of COMPANY'S services, COMPANY may, at its option and without liability for consequential or any other damages, suspend performance of services on the project until the CLIENT retains appropriate specialist consultant(s) or contractor(s) to identify, abate and/or remove the asbestos or hazardous or toxic materials, and warrants that the job site is in full compliance with applicable laws and regulations.

Nothing contained within this Agreement shall be construed or interpreted as requiring COMPANY to assume the status of a generator, storer, transporter, treater, or disposal facility as those terms appear within the Resource Conservation and Recovery Act, 42 U.S.C.A., §6901 et seq., as amended, or within any State statute governing the generation, treatment, storage, and disposal of waste.

#### 8.24 Certificate of Merit

The CLIENT shall make no claim for professional negligence, either directly or in a third party claim, against COMPANY unless the CLIENT has first provided COMPANY with a written certification executed by an independent design professional currently practicing in the same discipline as COMPANY and licensed in the State in which the claim arises. This certification shall: a) contain the name and license number of the certifier; b) specify each and every act or omission that the certifier contends is a violation of the standard of care expected of a design professional performing professional services under similar circumstances; and c) state in complete detail the basis for the certifier's opinion that each such act or omission constitutes such a violation. This certificate shall be provided to COMPANY not less than thirty (30) calendar days prior to the presentation of any claim or the institution of any judicial proceeding.

#### 8.25 Limitation of Liability

In recognition of the relative risks and benefits of the Project to both the CLIENT and the COMPANY, the risks have been allocated such that the CLIENT agrees, to the fullest extent permitted by law, to limit the liability of the COMPANY and COMPANY'S officers, directors, partners, employees, shareholders, owners and sub-consultants for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes, including attorney's fees and costs and expert-witness fees and costs, so that the total aggregate liability of the COMPANY and COMPANY'S officers, directors, partners, employees, shareholders, owners and sub-consultants shall not exceed \$50,000.00, or the COMPANY'S total fee for services rendered on this Project, whichever is greater. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.

#### 8.26 Drywells, Underdrains and Other Infiltration Devices

This item omitted intentionally

#### 8.27 Environmental Audits/Site Assessments

This item omitted intentionally

#### 8.28 Construction Observation Without Design

It is agreed that the professional services of COMPANY are limited to a review and observation of the work of the contractor to ascertain that such work is proceeding in general accordance with the contract documents and that such contract documents have not been prepared by the COMPANY. Unless otherwise stated, the CLIENT warrants that any documents provided to COMPANY by the CLIENT or by the prior consultant may be relied upon as to their accuracy and completeness without independent investigation by the successor consultant and that the CLIENT has the right to provide such documents to COMPANY free of any claims of copyright or patent infringement or violation of any other party's rights in intellectual property. It is further agreed that the CLIENT will defend, indemnify and hold harmless COMPANY from any claim or suit whatsoever, including all payments, expenses or costs, arising from or alleged to have arisen from an error or omission in the plans, specifications or contract documents. COMPANY agrees to be responsible for its employees own negligent acts, errors or omissions in the performance of their professional services.



8.29 Design Without Construction Observation

This item omitted intentionally

8.30 Construction Observation

COMPANY shall visit the project at appropriate intervals (as described in the scope of services) during construction to become generally familiar with the progress and quality of the contractors' work and to determine if the work is proceeding in general accordance with the Contract Documents. ~~The CLIENT has not retained COMPANY to make detailed inspections or to provide exhaustive or continuous project review and observation services.~~ COMPANY does not guarantee the performance of, and shall have no responsibility for, the acts or omissions of any contractor, subcontractor, supplier or any other entity furnishing materials or performing any work on the project.

~~If the CLIENT desires more extensive project observation or full time project representation, the CLIENT shall request in writing such services be provided by COMPANY as Additional Services in accordance with the terms of the Agreement.~~

8.31 Soliciting Employment

Neither party to this AGREEMENT will solicit an employee of the other nor hire or make an offer of employment to an employee of the other that is working on this PROJECT, without prior written consent of the other party, during the time this AGREEMENT is in effect.

8.32 DGPS Signal Accuracy

This item omitted intentionally

8.33 Intellectual Property Ownership of Tendered Materials

This item omitted intentionally

8.34 Data Access

This item omitted intentionally

8.35 Data Backup and Recovery

This item omitted intentionally

8.36 Annual Maintenance Renewal Agreement:

This item omitted intentionally

8.37 Municipal Advisor

The COMPANY is not a Municipal Advisor registered with the Security and Exchange Commission (SEC) as defined in the Dodd-Frank Wall Street Reform and Consumer Protection Act. When the CLIENT is a municipal entity as defined by said Act, and the CLIENT requires project financing information for the services performed under this Agreement, the CLIENT will provide the COMPANY with a letter detailing who their independent registered municipal advisor is and that the CLIENT will rely on the advice of such advisor. A sample letter can be provided to the CLIENT upon request.

This Agreement is approved and accepted by the CLIENT and COMPANY upon both parties signing and dating the Agreement. Services will not begin until COMPANY receives a signed agreement. COMPANY's services shall be limited to those expressly set forth in this Agreement and COMPANY shall have no other obligations or responsibilities for the Project except as agreed to in writing. The effective date of the Agreement shall be the last date entered below.

Sincerely,

HR GREEN, INC.





\_\_\_\_\_  
[Author Name]

Approved by: \_\_\_\_\_

Printed/Typed Name: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

City of Grimes

Accepted by: \_\_\_\_\_

Printed/Typed Name: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_



*101 NE Hawkey, Grimes, Iowa 50111  
515.986.3036 Fax 515.986.3846*

## AGENDA MEMO

Item No. X  
For Meeting of September 10, 2019

**AGENDA HEADING:** New 1.5 MG Elevated Water Storage Tank – McClure Engineering Company Professional Services Agreement for construction services.

**SYNOPSIS:** This agreement includes the following construction engineering services; construction administration; construction staking; resident project representative; record drawings and SRF loan administration. The project is currently under construction with Chicago Bridge & Iron and construction engineering services are being handled with Fox Engineering. The purpose of this professional services agreement is to transition the construction engineering services from Fox Engineering to McClure Engineering, as directed by city council through the Fox Engineering transition plan. McClure Engineering is very familiar with managing the construction of these types of water projects and dealing with SRF loan administration. The schedule for this transition is to approve the professional services agreement on September 10<sup>th</sup> and for McClure Engineering to take over construction engineering services on September 16<sup>th</sup>. This project is scheduled for construction to continue through October 30<sup>th</sup>, 2020, with final completion November 20<sup>th</sup>, 2020.

**FISCAL IMPACT:** This agreement includes one "lump sum" and several "time & materials, not-to-exceed" fee items. The total fee proposed for the remaining construction engineering services is \$218,080.00. Following our review, this appears to be a reasonable fee for this transitioned work.

**PREVIOUS COUNCIL ACTION(S):**

**BOARD/COMMISSION ACTION(S):**

**STAFF/COMMITTEE RECOMMENDATION:** The staff has reviewed this Professional Services Agreement and recommends approval by the City Council.

**AGREEMENT FOR ENGINEERING SERVICES  
NEW 1.5 MG ELEVATED STORAGE TANK – CONSTRUCTION PHASE  
GRIMES, IOWA**

This Agreement is made on the 10th day of September, 2019, by and between **McClure Engineering Company, of Clive, Iowa** (herein referred to as "**Engineer**") and the **City of Grimes, Iowa** (hereinafter referred to as "**Owner**"). Services shall be performed per the fees, terms and conditions outlined in this Agreement and/or the Hourly Rates established on Exhibit 'A'. The **Engineer** shall provide services for the Project which consists of the services listed on Exhibit 'B'. The Project shall be described as:

**PROJECT DESCRIPTION:**

**NEW 1.5 MG ELEVATED WATER STORAGE TANK – CONSTRUCTION PHASE  
GRIMES, IOWA**

1. The **Owner** shall provide information, which shall set forth the **Owner's** objectives, schedule, constraints, budget with reasonable contingencies and other applicable criteria. (See Exhibit 'C' for **Owner's** Responsibilities).
2. The **Engineer** shall conduct the following services marked "Included", for approval by the **Owner**:

| Item                                                                                               | Included                 | Not Included                        |
|----------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------|
| <b>A. Iowa DNR Water Supply Permitting</b>                                                         |                          |                                     |
| 1. Complete Viability Self Assessment (by Owner).                                                  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Complete Exhibit 2. Preliminary Engineering Report Checklist.                                   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Prepare Exhibit 4. SRF Environmental Review Checklist, if applicable.                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Preliminary Engineering Report Submittal:                                                       | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Cover letter.                                                                                    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Intended Use Plan (IUP) Application, if applicable.                                              | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Preliminary Engineering Report (3-copies).                                                       | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Schedule 3a. Water Systems – Preliminary Data.                                                   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Viability Self-Assessment.                                                                       | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Exhibit 4. SRF Environmental Review Checklist, if using SRF Funding.                             | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Coordinate DNR Site Survey:                                                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Prepare and submit Schedule 4. Site Approval.                                                    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Prepare and submit Schedule 1a. General Information.                                             | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Anti-Degradation Alternatives Analysis (for new or increased waste discharge to surface water). | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. Prepare Well Water Pollution Prevention Plan (WWPPP)                                            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8. DNR Construction permit application.                                                            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9. DNR Construction permit application fee (by Owner).                                             | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>B. Hydro-geological Investigation Coordination and Review</b>                                   |                          |                                     |
| 1. Specialized Testing Coordination (Hydro-geological Investigation)                               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Specifications for Hydro-geological Investigation                                                | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Proposal Forms for Hydro-geological Investigation                                                | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Assist Owner in Advertising and Obtaining Bids                                                   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Attend Meeting to receive Proposals for Hydro-geological Investigation                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Review Proposals/Other Documents and make Recommendations for Award of Contracts                 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Provide General Administration of Hydro-geological Contract or Owner's Representative            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Issue interpretation and clarification of Contract Documents                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Act as initial interpreter of the requirements of the Contracts                                  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Review and discuss findings with Owner.                                                         | <input type="checkbox"/> | <input checked="" type="checkbox"/> |



| Item |                                                                                                                                                  | Included                 | Not Included                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------|
| C.   | <b><u>Pilot Testing Coordination and Review</u></b>                                                                                              |                          |                                     |
|      | 1. Prepare pilot testing protocol.                                                                                                               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 2. Summarize current water quality parameters.                                                                                                   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 3. Prepare request for proposals from treatment system manufacturers.                                                                            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 4. Evaluate proposals and make recommendation of award.                                                                                          | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 5. Establish pilot testing sampling protocol and parameters.                                                                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 6. Review pilot system operation and design parameters throughout study.                                                                         | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 7. Bi-weekly conference calls during pilot study.                                                                                                | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 8. Evaluate pilot system performance.                                                                                                            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 9. Submit pilot testing report to DNR.                                                                                                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 10. Review and discuss findings with Owner.                                                                                                      | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| D.   | <b><u>Preliminary Design</u></b>                                                                                                                 |                          |                                     |
|      | 1. Conduct Project Kickoff Meeting with Owner                                                                                                    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 2. Confirm scope, extent and character of the project.                                                                                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | • Final design criteria                                                                                                                          | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | • Preliminary hydraulic profiles                                                                                                                 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | • Major equipment list                                                                                                                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | • Control concepts                                                                                                                               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | • Process layouts                                                                                                                                | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | • Building interior layouts                                                                                                                      | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | • Operation & maintenance concepts                                                                                                               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | • Process piping alignments                                                                                                                      | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | • Utility requirements                                                                                                                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | • Site plans                                                                                                                                     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 3. Topographic Survey                                                                                                                            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 4. Prepare revised "Opinion of Probable Costs"                                                                                                   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 5. Attend meetings necessary to complete Preliminary Design (X-Meetings)                                                                         | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 6. FAA Obstruction evaluation                                                                                                                    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 7. Hydraulic Modeling of Distribution System (Water CAD)                                                                                         | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 8. Prepare preliminary plans and specifications for Owner's review                                                                               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| E.   | <b><u>Final Design</u></b>                                                                                                                       |                          |                                     |
|      | 1. Prepare final project drawings.                                                                                                               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 2. Prepare final project specifications.                                                                                                         | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 3. Identify utility requirements and conflicts and coordinate resolution                                                                         | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 4. Prepare revised Opinion of Probable Cost based on final drawing and specifications.                                                           | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 5. Prepare Contract Agreement Form, General Conditions, Supplementary Conditions, Bid Forms, Invitation to Bidders, and Instructions to Bidders. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 6. Review 60%, 90% and 100% Final Design with Owner (3 Meetings)                                                                                 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 7. Furnish the following number of final project drawings and specifications to Owner                                                            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| F.   | <b><u>Land Acquisition</u></b>                                                                                                                   |                          |                                     |
|      | 1. Court house research.                                                                                                                         | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 2. Field Surveys.                                                                                                                                | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 3. Preparation of Right-of-Way (ROW) plats and legal descriptions.                                                                               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| G.   | <b><u>Right-of-Way Negotiations</u></b>                                                                                                          |                          |                                     |
|      | 1. Coordinate notices to Landowners.                                                                                                             | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 2. Meet with land owners.                                                                                                                        | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 3. Prepare requests for Proposals to appraisers.                                                                                                 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 4. Review appraisals with Owner.                                                                                                                 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 5. Develop negotiation strategy.                                                                                                                 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 6. Prepare offers.                                                                                                                               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 7. Negotiations with land owners.                                                                                                                | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 8. Coordinate purchase agreements.                                                                                                               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|      | 9. Prepare color coded ROW map.                                                                                                                  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

| Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Included                                                                                                                                                                                                                                                                                                                                                                                | Not Included                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>H. Value Engineering and Design Thoroughness Review</b> <ol style="list-style-type: none"> <li>1. Review Final Plans and Specifications for thoroughness acting as Owner's representative. Determine if Plans and Specifications are sufficient for bidding.</li> <li>2. Prepare written comments from thoroughness review and submit to Owner.</li> <li>3. Changes or modifications to final plans and specifications as a result of Thoroughness review.</li> <li>4. Review hydraulic profile calculations.</li> <li>5. Review chemical feed calculations.</li> <li>6. Review design raw and finished water quality criteria.</li> <li>7. Review basis of design criteria and design capacity.</li> <li>8. Review Final Plans and Specifications for value engineering opportunities.</li> <li>9. Propose value engineering alternatives and expected cost savings for Owner's consideration.</li> <li>10. Changes or modifications to final plans and specifications as a result of Value Engineering review.</li> </ol>                                                                                                                                                                                                                                                                | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/>                                                                                                                                | <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/>                                                                                                                                                             |
| <b>I. Advertising, Bidding, Contract Award</b> <ol style="list-style-type: none"> <li>1. Assume role of Design Engineer-of-Record for project.</li> <li>2. Obtain electronic copies of final plans and specifications from Design Engineer-of-Record.</li> <li>3. Function as Owner's representative during advertising and bidding stage of project.</li> <li>4. Assist Owner in advertising for and obtaining bids.</li> <li>5. Advertise project through on-line advertising and electronic project document (Quest CDN).</li> <li>6. Maintain plan holders list.</li> <li>7. Conduct Prebid Conference at Owner's location (1-meeting).</li> <li>8. Receive pre-bid submittals and questions from bidders and submit to Design Engineer-of-Record for review, response preparation, and addenda certification.</li> <li>9. Prepare addenda and certify addenda (completed by Design Engineer-of-Record).</li> <li>10. Receive certified addenda from Design Engineer-of-Record and distribute to all plan holders.</li> <li>11. Attend Bid opening and prepare bid tabulation (1-meeting).</li> <li>12. Review bidder's qualifications, bids, and other documents and make recommendation for award of contract.</li> <li>13. Attend one (1) meeting to present Bids to Owner.</li> </ol> | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/>                | <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/> |
| <b>J. Paper Copies of Final Project Documents</b> <ol style="list-style-type: none"> <li>1. Print sufficient number of paper copies of final project documents, per Iowa Code 26.3, and distribute to prospective bidders: <ul style="list-style-type: none"> <li>• 24 x 36 Drawings (10 estimated)</li> <li>• 11 x 17 Drawings (25 estimated)</li> <li>• Contract Documents and Specifications (35 estimated)</li> <li>• Engineer's Opinion of Probable Cost (35 estimated)</li> </ul> </li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/>                                                                                                                                                                                                                                                | <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                |
| <b>K. Construction Administration</b> <ol style="list-style-type: none"> <li>1. Provide general administration of construction contract as Owner's representative.</li> <li>2. Visit site of construction at appropriate stages of construction to observe the Contractors work.</li> <li>3. Issue interpretations and clarifications of contract documents.</li> <li>4. Review shop drawings and submittals.</li> <li>5. Act as initial interpreter of the requirements of the contract documents.</li> <li>6. Review and process Contractor's application for payment.</li> <li>7. Review and process project change orders.</li> <li>8. Submit change orders to DNR for review and approval.</li> <li>9. Attend Construction Progress Meetings.</li> <li>10. On-line construction photos and documentation (Multivista or similar).</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/> | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                |
| <b>L. Construction Staking</b> <ol style="list-style-type: none"> <li>1. Establish Field Controls</li> <li>2. Stake Construction Control Points</li> <li>3. Stake site underground utilities and building corners and off-sets</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                       | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



| Item |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Included                                                                                                                                                                                                                                                                                                                                                                                                                       | Not Included                                                                                                                                                                                                                                                                                                                |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M.   | <b><u>Resident Project Representative</u></b><br>1. Provide a Resident Project Representative to be on site during construction (see Exhibit 'D', A Listing of Duties, Responsibilities and Limitations of Authority of the Resident Project Representative).                                                                                                                                                                                                                                                                                           | <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                    |
| N.   | <b><u>Legal Surveys</u></b><br>1. Courthouse Research/Title Search<br>2. Field Work/Surveying<br>3. Preparation of Plats/Legal Descriptions                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/>                                                                                                                                                                                                           |
| O.   | <b><u>Geotechnical Engineering Coordination</u></b><br>1. Prepare Request for Proposal for Geotechnical Firms (soil borings)<br>2. Review Proposals and make Recommendation for Award                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/><br><input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                           | <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/>                                                                                                                                                                                                                                                  |
| P.   | <b><u>Stormwater Pollution Prevention Plan (SWPPP)</u></b><br>1. Preparation of SWPPP<br>2. Implementation of Plan<br>3. Application for NPDES General Permit No.2                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/>                                                                                                                                                                                                           |
| Q.   | <b><u>Record Drawings</u></b><br>1. As-Built Record Drawings (2 Hard Copies & 1 Electronic Copy Included)<br>2. Additional Hard Copies - <u>1 EA @ \$100.00</u><br>3. Additional Electronic Copies - <u>1 EA @ \$25.00</u>                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/>                                                                                                                                                                                                                                            |
| R.   | <b><u>Operator Training / Startup Services</u></b><br>1. Operator Training/Workshops<br>2. Equipment Startup Services                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/><br><input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                           | <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/>                                                                                                                                                                                                                                                  |
| S.   | <b><u>Operation/Maintenance Manuals</u></b><br>1. O&M Manual Preparation<br>2. Hard Copies _____ EA @ \$ _____<br>3. Electronic Copies _____ EA @ \$ _____                                                                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/>                                                                                                                                                                                                           |
| T.   | <b><u>SRF Loan Application and Other Administrative Services:</u></b><br>1. Prepare SRF Applications<br>2. Preaward Compliance Review Report.<br>3. Environmental Review Checklist and Coordination<br>4. Attend Public Hearing on Finding of No Significant Impact (FONSI).<br>5. Environmental Assessment.<br>6. Prepare Outlay Requests.<br>7. Review of Payroll records<br>8. Wage interviews<br>9. Submit Works in Operation Report to IDNR.<br>10. Submit Loan Closeout to IDNR.<br>11. Administration of other funding sources (CDBG, RD, Other) | <input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/> | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/> |
| U.   | <b><u>Additional Meetings</u></b><br>1. Additional project meetings, other than specified above (3 Meetings, if included).                                                                                                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                       | <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                         |



### 3. Fee Schedule:

Fees for Services are shown below:

|                                                                |                |               |     |
|----------------------------------------------------------------|----------------|---------------|-----|
| A. Iowa DNR Water Supply Permitting .....                      | T&M .....      | \$ .....      | NIC |
| B. Hydrogeological Investigation Coordination and Review ..... | T&M .....      | \$ .....      | NIC |
| C. Pilot Testing Coordination and Review .....                 | T&M .....      | \$ .....      | NIC |
| D. Preliminary Design .....                                    | T&M .....      | \$ .....      | NIC |
| E. Final Design .....                                          | T&M .....      | \$ .....      | NIC |
| F. Land Acquisition .....                                      | T&M .....      | \$ .....      | NIC |
| G. Right-of-Way Negotiations .....                             | T&M .....      | \$ .....      | NIC |
| H. Value Engineering / Design Thoroughness Review .....        | LS .....       | \$ .....      | NIC |
| I. Advertising, Bidding, Contract Award .....                  | LS .....       | \$ .....      | NIC |
| J. Paper Copies of Final Project Documents .....               | LS .....       | \$ .....      | NIC |
| K. Construction Administration .....                           | LS .....       | \$ 80,400.00  |     |
| L. Construction Staking .....                                  | T&M, NTE ..... | \$ 4,800.00   |     |
| M. Resident Project Representative .....                       | T&M, NTE ..... | \$ 120,000.00 |     |
| N. Legal Surveys .....                                         | T&M .....      | \$ .....      | NIC |
| O. Geotechnical Engineering Coordination .....                 | T&M .....      | \$ .....      | NIC |
| P. Stormwater Pollution Prevention Plan (SWPPP) .....          | T&M .....      | \$ .....      | NIC |
| Q. Record Drawings .....                                       | T&M, NTE ..... | \$ 4,480.00   |     |
| R. Operator Training/Startup Services .....                    | T&M .....      | \$ .....      | NIC |
| S. Operation/Maintenance Manuals .....                         | T&M .....      | \$ .....      | NIC |
| T. SRF Loan Application and Administrative Services .....      | T&M, NTE ..... | \$ 8,400.00   |     |
| U. Additional Meetings .....                                   | T&M .....      | \$ .....      | NIC |
| Total Fee, NTE:                                                |                | \$ 218,080.00 |     |

|      |                    |
|------|--------------------|
| LS   | Lump Sum           |
| NTE  | Not-to-Exceed      |
| N/A  | Not Applicable     |
| NIC  | Not Included       |
| TBD  | To Be Determined   |
| T&M  | Time and Materials |
| Est. | Estimated          |

The Hourly Rate Schedule is included in Exhibit 'A' and attached to this Agreement to be used for work performed on a *Time and Material* basis.

4. Past due amounts owed shall accrue interest at 1.5% per month from the 30<sup>th</sup> day. If the Owner fails to make monthly payments due the Engineer, the Engineer may, after giving (7) days written notice to the Owner, suspend services under this Agreement.

5. This Agreement represents the entire and integrated agreement between the Owner and the Engineer and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both the Owner and the Engineer.
6. This Agreement is subject to all the Terms and Conditions listed on the following pages.

| Exhibits    |                                                                                              | Included                            | Not Included             |
|-------------|----------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|
| Exhibit 'A' | Hourly Rate Schedule                                                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Exhibit 'B' | Preliminary Project Scope                                                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Exhibit 'C' | Owner's Responsibilities                                                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Exhibit 'D' | Duties, Responsibilities and Limitations of Authority of the Resident Project Representative | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**SPECIAL INSTRUCTIONS:**

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**OWNER: CITY OF GRIMES  
GRIMES, IOWA**

Signed: \_\_\_\_\_

Title: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**ENGINEER: MCCLURE ENGINEERING COMPANY  
CLIVE, IOWA**

Signed: \_\_\_\_\_  
Derick Anderson, P.E.

Title: \_\_\_\_\_ Vice President - Water

Phone: \_\_\_\_\_ 515-964-1229

Email: \_\_\_\_\_ danderson@mecresults.com



# McCLURE ENGINEERING COMPANY STANDARD TERMS AND CONDITIONS

**ACCESS TO SITE:** The Engineer shall at all times have access to the site to complete his Work.

**INFORMATION PROVIDED BY OTHERS:** The Engineer shall be entitled to rely upon the accuracy and completeness of data provided by the Owner and shall not assume liability for such data. The Engineer does not practice law, insurance or financing; therefore, the Owner shall furnish all legal, accounting, and insurance counseling services as may be necessary to protect themselves at any time during the Project. Owner shall hold Engineer harmless from damages that may arise as a result of inaccuracies of information or data supplied by Owner or others to Engineer.

**ADDITIONAL SERVICES:** As an Additional Service in connection with changes in the scope of the Engineer's work by the Owner, the Engineer shall prepare Drawings, Specifications and other documentation and data, evaluate Contractor's proposal and provide any other services made necessary by such Change Orders and Construction Change Directives. The Engineer will be entitled to additional compensation to coordinate such changes and schedules shall be adjusted accordingly.

**OWNERSHIP AND REUSE OF DOCUMENTS:** All reports, plans, specifications, field data and other documents written and/or electronic, prepared by Engineer in doing work on the project, shall remain the property of the Engineer. The documents prepared by the Engineer for this Project are for use solely with respect to this Project. The Engineer's Drawings, Specifications or other documents shall not be used by the Owner on other projects or for additions to this Project, except by agreement in writing and with appropriate compensation to the Engineer.

**OPINIONS OF PROBABLE COSTS:** It is recognized that neither the Engineer nor the Owner has control over the cost of labor, materials or equipment, over the Contractor's methods of determining bid prices, or over competitive bidding, market or negotiating conditions. Accordingly, the Engineer cannot and does not warrant or represent that bids or negotiated prices will not vary from any estimate of costs or evaluation prepared or agreed to by the Engineer.

**DISPUTE RESOLUTION:** Claims, disputes or other matters, involving a value less than \$200,000.00, in question between the parties to this Agreement arising out of or relating to this Agreement or breach thereof shall be subject to mediation unless each of the parties mutually agrees otherwise. No mediation arising out of or relating to this Agreement shall include, by consolidation, joinder or in any other manner, an additional person or entity not a party to this Agreement, except by written consent containing a specific reference to this Agreement signed by the Owner, Engineer, and any other person or entity sought to be joined. In no event shall the demand for mediation be made after the date when the institution of legal or equitable proceedings based upon such claim would be barred by the applicable statute of limitations. The award rendered in the mediation shall be non-binding.

**TERMINATION:** This Agreement may be terminated by either party upon not less than seven days written notice should the other party fail substantially to perform in accordance with the terms of the Agreement through no fault of the party initiating the termination. This Agreement may be terminated by the Owner upon not less than seven days' written notice to the Engineer in the event the Project is permanently abandoned.

Failure of the Owner to make payments to the Engineer in accordance with the Agreement shall be considered substantial non-performance and cause for termination. If the Owner fails to make payment when due the Engineer for services, the Engineer may, upon seven days' written notice to the Owner, suspend performance of services under this Agreement. Unless payment in full is received by the Engineer within seven days of the date of the notice, the suspension shall take effect without further notice. In the event of a suspension of services, the Engineer shall have no liability to the Owner for delay or damage caused the Owner because of such suspension of services.

In the event of termination not the fault of the Engineer, the Engineer shall be compensated for services performed prior to termination and all termination expenses. Termination expenses are in addition to compensation for Basic and Additional Services, and include expenses which are directly attributable to termination.

**CONTRACTOR MATTERS:** The Engineer has no control over the Contractor's means, methods, schedule, costs, quality control, workmanship, on-site storm water runoff/erosion control, or project safety measures. For this reason, the Engineer shall not be responsible for or assume liability for the same.

**UNDERGROUND UTILITIES:** Information for location of underground utilities may come from the Owner, third parties, and/or research performed by the Engineer or its subcontractors. Unfortunately, the information the Engineer must rely on from various utilities and other records may be inaccurate or incomplete. Therefore, the Owner agrees to indemnify and hold harmless the Engineer for all claims, losses, costs and damages arising out of the location of underground utilities provided by the Engineer under this Agreement.

**SHOP DRAWING REVIEW:** If, as part of this Agreement Engineer reviews Contractor submittals, such as shop drawings, product data, samples and other data, as required by Engineer, these reviews and approvals shall be only for the limited purpose of checking for conformance with the design concept and the information expressed in the contract documents. This review shall not include review of the accuracy or completeness of details, such as quantities, dimensions, weights or gauges, fabrication processes, construction means or methods, coordination of the work with other trades or construction safety precautions, all of which are the sole responsibility of the Contractor. Engineer shall not be responsible for any deviations from the contract documents not brought to the attention of Engineer in writing by the contractor. Engineer shall not be required to review partial submissions or those for which submissions of correlated items have not been received.

**CONSTRUCTION OBSERVATION:** If, as part of this Agreement, Engineer is providing construction observation services, Engineer shall visit the project at appropriate intervals during construction to become generally familiar with the progress and quality of the Contractor's work and to determine if the work is proceeding in general accordance with the Contract Documents. Unless otherwise specified in this Agreement, the Owner has not retained the Engineer to make detailed inspections or to provide exhaustive or continuous project review and observation services. Engineer does not guarantee the performance of, and shall have no responsibility for, the acts or omissions of any contractor, subcontractor, supplier or any other entity furnishing materials or performing any work on the project.

**HAZARDOUS MATERIALS – INDEMNIFICATION:** The Engineer is not in the business of making environmental site assessments for purposes of determining the presence of any toxic, hazardous or other environmental damaging substances. The purpose of this provision is to be certain that the Owner is aware of the potential liability if toxic, hazardous or environmental damaging substances are found on or under the property. Engineer makes no representations regarding an environmental site assessment, relies upon Owner to have fully investigated the need and/or scope of such assessment and assumes no responsibility for the determination to make an environmental site assessment on the subject property.

**PAYMENT:** Amounts unpaid 30 days after invoice date shall bear interest from the date payment is due at a rate of 1.5% per month compounded and shall include costs for attorney fees and other collection fees related to collecting fees for service.

**LIMITATION OF LIABILITY:** The Engineer's liability shall be limited to \$50,000.00 or the fee for the work performed, whichever is greater, or as specifically agreed to by separate agreement.

**INDEMNIFICATION:** The Owner agrees, to the maximum extent permitted by law, to indemnify and hold harmless the Engineer from any damages, liabilities or costs, including reasonable attorneys' fees and defense costs, arising or allegedly arising from any negligent acts, errors or omissions by any prior consultant employed by the Owner on this project and from any claims of copyright or patent infringement by the Engineer arising from the use or reuse of any documents prepared or provided by the owner or any prior consultant of the Owner. The Owner warrants that any documents provided to the Engineer by the Owner or by the prior consultant may be relied upon as to their accuracy and completeness without independent investigation by the Engineer and that the Owner has the right to provide such documents to the Engineer free of any claims of copyright or patent infringement or violation of any other party's rights in intellectual property.

**WAIVERS:** The Owner and the Engineer waive all rights against each other and against the contractors, consultants, agents and employees of the other for damages, but only to the extent covered by property insurance during construction. The Owner and Engineer each shall require similar waivers from their contractors, consultants and agents.

**ASSIGNMENT:** The Owner and Engineer, respectively, bind themselves, their partners, successors, assigns and legal representatives to the other party to this Agreement and to the partners, successors, assigns and legal representatives of such other party with respect to all covenants of this Agreement. Neither Owner nor Engineer shall assign this Agreement without the written consent of the other.

**GOVERNING LAW:** Unless otherwise provided, the Agreement shall be governed by the law of the State of Iowa.

**COMPLETE AGREEMENT:** This Agreement represents the entire and integrated agreement between the Owner and Engineer and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both Owner and Engineer. Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the Owner or Engineer.

(Effective 10/10/2018)  
(Supersedes 10/01/2011)



EXHIBIT 'A'  
McCLURE ENGINEERING COMPANY  
HOURLY RATE SCHEDULE  
(Effective through December 31, 2019)

| <u>PERSONNEL</u>                         | <u>HOURLY RATE</u> |
|------------------------------------------|--------------------|
| Administrative .....                     | \$70.00            |
| Client Liaison .....                     | \$180.00           |
| Engineer I .....                         | \$110.00           |
| Engineer II .....                        | \$140.00           |
| Engineer III .....                       | \$170.00           |
| Engineer IV .....                        | \$210.00           |
| Project Manager I .....                  | \$170.00           |
| Project Manager II .....                 | \$195.00           |
| Project Coordinator .....                | \$90.00            |
| Principal .....                          | \$245.00           |
| Senior Principal .....                   | \$295.00           |
| Community Planner I .....                | \$135.00           |
| Community Planner II .....               | \$225.00           |
| Landscape Architect I .....              | \$100.00           |
| Landscape Architect II .....             | \$130.00           |
| Engineering Tech I .....                 | \$85.00            |
| Engineering Tech II .....                | \$105.00           |
| Engineering Tech III .....               | \$125.00           |
| Engineering Tech IV .....                | \$160.00           |
| Land Surveyor I .....                    | \$130.00           |
| Land Surveyor II .....                   | \$160.00           |
| On-Site Representative I (OSR I) .....   | \$105.00           |
| On-Site Representative II (OSR II) ..... | \$145.00           |
| Crew Chief (CC) .....                    | \$120.00           |
| Crew Member (CM) .....                   | \$90.00            |
| Intern .....                             | \$70.00            |
| Survey Crew .....                        | \$200.00           |

EQUIPMENT

|                           |          |
|---------------------------|----------|
| 3D Scanner per Scan ..... | \$30.00  |
| UAV per Flight .....      | \$125.00 |
| Sonar Boat .....          | \$125.00 |

MISCELLANEOUS EXPENSES

|                                                        |               |
|--------------------------------------------------------|---------------|
| Survey Vehicle Mileage .....                           | \$0.70/Mile   |
| Automobile Mileage (at current IRS rate) .....         | \$0.545/Mile  |
| Printing .....                                         | At Cost + 10% |
| Survey Supplies (Hubs, Lath, Paint, Nails, etc.) ..... | At Cost + 10% |
| Out-of-Pocket Expenses (Meals, Hotels, etc.) .....     | At Cost + 10% |

## EXHIBIT 'B'

### PRELIMINARY PROJECT SCOPE

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#### NEW 1.5 MG ELEVATED WATER STORAGE TANK

##### **Project Description:**

The City of Grimes has undertaken the construction of a new 1.5 MG elevated water storage tank. The new elevated water storage tank was designed by Fox Engineering, Ames, IA, and their sub-consultants under separate contract with the City of Grimes.

The contract documents for the project include the following:

- Project Plans, prepared by Fox Engineering and their sub-consultants: "New 1.5 MG Elevated Water Storage Tank, City of Grimes"
- "Bidding Requirements and Contract Documents for New 1.5 MG Elevated Water Storage Tank, City of Grimes", prepared by Fox Engineering and their sub-consultants.

##### **Scope of Engineering Services:**

McClure will function as the Owner's representative during the construction phase of the project.

The design engineer-of-record will remain Fox Engineering. Final plans and specifications have been signed and sealed by Licensed Professional Engineers from Fox Engineering and their contracted sub-consultants.

It is assumed the Owner and design engineer-of-record will obtain a construction permit from Iowa DNR.

A description of McClure's Scope of Services is as follows:

##### Scope Item K – Construction Administration

McClure will be Owner's representative during construction of the project and will administer the contract between Contractor and Owner on Owner's behalf. Other services in this scope item include the following:

- Issue interpretations and clarifications of the contract documents.
- Review submittals and shop drawings. Transmit comments to Contractor. Issue review approvals or rejections of submittals. Scope includes cost of electronic submittal service such as Submittal Exchange.
- Prepare monthly pay estimates.
- Prepare project change orders.
- Prepare work change directives and field orders.
- Attend monthly construction progress meetings.
- Engineer will visit construction site at appropriate stages of construction to observe progress and work.
- Coordinate construction questions and issues directly with Contractor's Project Manager and Superintendent.

##### Scope Item L – Construction Staking

McClure will furnish survey personnel to provide construction stakes for the Contractor. Stakes include all on-site underground utilities, off-sets, rough grading, finish grading, and paving stakes. McClure will receive CAD file of construction plans from design engineer-of-record.



#### Scope Item M – Resident Project Representative

McClure will furnish Resident Project Representative(s) to be on-site during construction to provide part-time observation of the work completed by the Contractor. The duties, responsibilities, and limitations of authority of the Resident Project Representative are described in Exhibit D.

#### Scope Item Q – Record Drawings

After final completion of the project, McClure will furnish the Owner with record drawings which generally represent the final condition of construction but are not certified as "As-Built" drawings. The record drawings will attempt to document changes or modifications made during construction from the as-bid set of drawings.

#### Scope Item T – SRF Loan Administration

McClure will administer the DWSRF Loan process with Iowa Finance Authority on behalf of the Owner. These services include the following:

- Prepare and submit final construction loan application (utility pro-forma by others).
- Prepare monthly loan draw-down requests and submit to Iowa Finance Authority for reimbursement.
- Review weekly and monthly payroll records.
- Conduct wage interviews on-site.
- Certification of American Iron and Steel requirements is the responsibility of the Contractor. McClure will review AIS certifications provided by the Contractor. Ultimate responsibility for meeting AIS requirements is by Owner.
- Prepare and submit project closeout documentation to Iowa Finance Authority for loan closeout.
- Owner will need to coordinate with their Bonding Attorney for issuance of the debt.
- Owner will need to coordinate with their public financial manager for preparing the utility pro-forma.

#### **Anticipated Project Schedule:**

|                                                |                    |
|------------------------------------------------|--------------------|
| Approval of Engineering Services Agreement     | September 10, 2019 |
| McClure assumes role of Owner's Representative | September 16, 2019 |
| Substantial Completion                         | October 30, 2020   |
| Final Completion                               | November 20, 2020  |



## EXHIBIT 'C'

### OWNER'S RESPONSIBILITIES

---

OWNER shall do the following in a timely manner so as not to delay the services of the ENGINEER.

1. Designate in writing a person to act as OWNER'S representative with respect to the services to be rendered under this Agreement. Such person shall have complete authority to transmit instructions, receive information, interpret and define OWNER'S policies and decisions with respect to ENGINEER'S services for the project.
2. Provide all criteria and full information as to OWNER'S requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expendability, and any budgetary limitations; and furnish copies of all design and construction standards, which OWNER will require to be included in the drawings and specifications.
3. Assist ENGINEER by placing at ENGINEER'S disposal all available information pertinent to the Project, including previous reports and any other data relative to design or construction of the Project.
4. Arrange for access to make all provisions for the ENGINEER to enter upon public and private property as required for the ENGINEER to perform services under this Agreement.
5. Examine all studies, reports, sketches, drawings, specifications, proposals and other documents presented by the ENGINEER, obtain advice of an attorney, insurance counselor and other consultants as OWNER deems appropriate for such examination and render in writing decisions pertaining thereto within a reasonable time so as not to delay the services of the ENGINEER.
6. Furnish approvals and permits from all governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary completion of the Project.
7. Attend the Prebid Conference, Bid opening, Preconstruction Conferences, Construction Progress Meetings and other job related meetings and Substantial Completion Inspection and Final Payment Inspection.
8. Give prompt written notice to the ENGINEER whenever the OWNER observes or otherwise becomes aware of any development that affects the scope or timing of the ENGINEER'S services, or any defect or non-conformance in the work of any Contractor.
9. Arrange for financing and pay for services as agreed to in this Agreement.

## EXHIBIT 'D'

### RESIDENT PROJECT REPRESENTATIVE SERVICES

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#### A LISTING OF THE DUTIES, RESPONSIBILITIES AND LIMITATIONS OF AUTHORITY OF THE RESIDENT PROJECT REPRESENTATIVE

**ENGINEER** shall furnish a **Resident Project Representative (RPR)**, assistants and other field staff to assist **ENGINEER** in observing performance of the Work of the Contractor.

Through more extensive on-site observations of the Work in progress and field checks of materials and equipment by the RPR and assistants, **ENGINEER** shall endeavor to provide further protection for **OWNER** against defects and deficiencies in the Work; but, the furnishing of such services will not make **ENGINEER** responsible for or give **ENGINEER** control over construction means, methods, techniques, sequences, procedures, storm water runoff, erosion control, or for safety precautions or programs, or responsibility for **CONTRACTOR**'s failure to perform the Work in accordance with the Contract Documents.

The duties and responsibilities of the RPR are limited to those of **ENGINEER** in **ENGINEER**'S agreement with the **OWNER** and in the construction Contract Documents, and are further limited and described as follows:

#### **A. General**

RPR is **ENGINEER**'S agent at the site, will act as directed by and under the supervision of **ENGINEER**, and will confer with **ENGINEER** regarding RPR's actions. RPR's dealings in matters pertaining to the on-site work shall in general be with **ENGINEER** and **CONTRACTOR** keeping **OWNER** advised as necessary. RPR's dealings with sub-contractors shall only be through or with the full knowledge and approval of **CONTRACTOR**. RPR shall generally communicate with **OWNER** with the knowledge of and under the direction of **ENGINEER**.

#### **B. Duties and Responsibilities of RPR**

1. **Schedules:** Review the progress schedule, schedule of Shop Drawing submittals and schedule of values prepared by **CONTRACTOR** and consult with **ENGINEER** concerning acceptability.
2. **Conferences and Meetings:** Attend meetings with **CONTRACTOR**, such as pre-construction conferences, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof.
3. **Liaison:**
  - a. Serve as **ENGINEER**'S liaison with **CONTRACTOR**, working principally through **CONTRACTOR**'s superintendent and assist in understanding the intent of the Contract Documents; and assist **ENGINEER** in serving as **OWNER**'S liaison with **CONTRACTOR** when **CONTRACTOR**'s operations affect **OWNER**'S on-site operations.
  - b. Assist in obtaining from **OWNER** additional details or information, when required for proper execution of the Work.
4. **Shop Drawings and Samples:**
  - a. Record date of receipt of Shop Drawings and samples.
  - b. Receive samples that are furnished at the site by **CONTRACTOR**, and notify **ENGINEER** of availability of samples for examination.
  - c. Advise **ENGINEER** and **CONTRACTOR** of the commencement of any Work requiring a Shop Drawing or sample if the submittal has not been approved by **ENGINEER**.



5. *Review of Work, Rejection of Defective Work, Inspections and Tests:*
- a. Conduct on-site observations of the Work in progress to assist **ENGINEER** in determining if the work is in general proceeding in accordance with the Contract Documents.
  - b. Report to **ENGINEER** whenever RPR believes that any Work is unsatisfactory, faulty or defective or does not conform to the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise **ENGINEER** of Work that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.
  - c. Verify that tests, equipment and systems startups and operating and maintenance training are conducted in the presence of appropriate personnel, and that **CONTRACTOR** maintains adequate records thereof; and observe, record and report to **ENGINEER** appropriate details relative to the test procedures and startups.
  - d. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project, record the results of these inspections and report to **ENGINEER**.
6. *Interpretation of Contract Documents:* Report to **ENGINEER** when clarifications and interpretations of the Contract Documents are needed and transmit to **CONTRACTOR** clarifications and interpretations as issued by **ENGINEER**.
7. *Modifications:* Consider and evaluate **CONTRACTOR**'s suggestions for modifications in Drawing or Specifications and report with RPR's recommendations to **ENGINEER**. Transmit to **CONTRACTOR** decisions as issued by **ENGINEER**.
8. *Records:*
- a. Maintain at the job site orderly files for correspondence, reports of job conferences. Shop Drawings and samples, reproductions of original Contract Documents including all Work Directive Changes, Addenda, Change Orders, Field Orders, and additional Drawings issued subsequent to the execution of the Contract. **ENGINEER'S** clarifications and interpretations of the Contract Documents, progress reports, and other Project related documents.
  - b. Keep a diary or log book, recording **CONTRACTOR** hours on the job site, weather conditions, data relative to questions of Work Directive Changes, Change Orders or changed conditions, list of job site visitors, daily activities, decisions, observations in general and specific observations in more detail as in the case of observing test procedures; and send copies to **ENGINEER**.
  - c. Record names, addresses and telephone numbers of all **CONTRACTORS**, subcontractors and major suppliers of materials and equipment.
9. *Reports:*
- a. Furnish **ENGINEER** periodic reports as required of progress of the Work and of **CONTRACTOR**'s compliance with the progress schedule and schedule of Shop Drawing and sample submittals.
  - b. Furnish a weekly working day report for Owner's approval and transmit to **CONTRACTOR**.
  - c. Consult with **ENGINEER** in advance of schedule major tests, inspections or start of important phases of the Work.
  - d. Draft proposed Change Orders and Work Directive Changes, obtaining backup material from **CONTRACTOR** and recommend to **ENGINEER** Change Orders, Work Directive Changes and Field Orders.
  - e. Report immediately to **ENGINEER** and **OWNER** upon occurrence of any accident.
10. *Payment Requests:* Review applications for payment with **CONTRACTOR** for compliance with the established procedure for their submission and forward with recommendations to **ENGINEER**, noting particularly the relationship of the payment requested to the schedule of values. Work completed and materials and equipment delivered at the site but not incorporated in the Work.
11. *Certificates, Maintenance and Operation Manuals:* During the course of the Work, verify that certificates, maintenance and operation manuals and other data required to be assembled and furnished by **CONTRACTOR** are applicable to the items actually installed and in accordance with the Contract Documents, and have this material delivered to **ENGINEER** for review and forwarding to **OWNER** prior to final payment for the Work.



12. *Completion:*

- a. Before **ENGINEER** issues a Certificate of Substantial Completion, submit to **CONTRACTOR** a list of observed items requiring completion or correction.
- b. Conduct final inspection in the company of **ENGINEER, OWNER** and **CONTRACTOR** and prepare a final list of items to be completed or corrected.
- c. Observe that all items on final list have been completed or corrected and make recommendations to **ENGINEER** concerning acceptance.

C. Limitations of Authority

Resident Project Representative:

1. Shall not authorize any deviation from the Contract Documents or substitution of materials or equipment, unless authorized by **ENGINEER**.
2. Shall not exceed limitations of **ENGINEER'S** authority as set forth in the Contract Documents.
3. Shall not undertake any of the responsibilities of **CONTRACTOR**, subcontractors or **CONTRACTOR's** superintendent.
4. Shall not advise on, issue directions relative to or assume control over any aspect of the means, methods, techniques, sequences, storm water management, erosion control or other procedures of construction.
5. Shall not advise on, issue directions regarding or assume control over safety precautions and programs in connection with the Work.
6. Shall not accept Shop Drawings or sample submittals from anyone other than **CONTRACTOR**.
7. Shall not authorize **OWNER** to occupy the Project in whole or in part.
8. Shall not participate in specialized field or laboratory tests or inspections conducted by others, except as specifically authorized by **ENGINEER**.

GRIMES RESOLUTION NO. 09-0319

WHEREAS, the City of Grimes seeks to retain a financial services advisor to assist Grimes with municipal bond offerings, finance and debt advice, and regulatory filings; and,

WHEREAS, PFM Financial Advisors LLC has submitted a contract proposal that appears to meet the needs of Grimes for financial advice (see attached Exhibits 1, 2 and 3);

BE IT RESOLVED by the Grimes City Council as follows:

1. Grimes agrees to the proposal offered by PFM Financial Advisors LLC, the terms of which are included in the attached 1) Municipal Advisor Engagement Letter; 2) Agreement for Filing Assistance; and 3) Disclosure of Conflicts of Interest, marked as Exhibits 1 through 3; and,

2. The Mayor is authorized to execute these documents on behalf of the City of Grimes.

This Resolution was adopted by a vote of \_\_\_\_\_ to \_\_\_\_\_, on September 10, 2019.

ATTEST:

CITY OF GRIMES, IOWA

\_\_\_\_\_  
Rochelle Williams, City Clerk

\_\_\_\_\_  
Scott Mikkelsen, Mayor



August 20, 2019

Marcia Woodke  
Finance Director  
City of Grimes  
101 NE Harvey Street  
Grimes, Iowa 50111

Dear Ms. Woodke,

**pfm**

801 Grand  
Suite 3300  
Des Moines, IA 50309  
515.243.2600

[pfm.com](http://pfm.com)

The purpose of this letter (this "Engagement Letter") is to confirm our agreement that PFM Financial Advisors LLC ("PFM") will act as financial advisor to the City of Grimes, Iowa (the "Client") in connection with the issuance of future debt obligations including but not limited to General Obligation Bonds, Revenue Bonds and SRF Loans. In addition, PFM will provide, upon request of Client, financial planning and debt issuance development services, as applicable and set forth in Exhibit A to this Engagement Letter. Most tasks requested by Client will not require all services provided for in Exhibit A and as such the specific scope of services for such task shall be limited to just those services required to complete the task.

PFM is a registered municipal advisor with the Securities and Exchange Commission (the "SEC") and the Municipal Securities Rulemaking Board (the "MSRB"), pursuant to the Securities Exchange Act of 1934 Rule 15Ba1-2. As of the date of this letter, Client has **not** designated PFM as its independent registered municipal advisor ("IRMA") for purposes of SEC Rule 15Ba1-1(d)(3)(vi) (the "IRMA exemption."). Client agrees not to represent that PFM is Client's IRMA with respect to any aspect of a municipal securities issuance or municipal financial product, without PFM's prior written consent.

MSRB Rule G-42 requires that municipal advisors make written disclosures to its clients of all material conflicts of interest and certain legal or disciplinary events and certain regulatory requirements. Such disclosures are provided in PFM's disclosure statement delivered to Client together with this agreement.

PFM's services will commence as soon as practicable after the receipt of this Engagement Letter by Client and a request by Client for such service. Any material changes in or additions to the scope of services described in Exhibit A shall be promptly reflected in a written supplement or amendment to this Engagement Letter. Services provided by PFM which are not included in the scope of services set forth in Exhibit A of this agreement shall be completed as agreed in writing in advance between Client and PFM. Upon request of Client, PFM or an affiliate of PFM may agree to additional services to be provided by PFM or an affiliate of PFM, by a separate agreement between Client and PFM or its respective affiliate.

For the services described in Exhibit A, PFM's professional fees will be paid as provided in Exhibit B. In addition to fees for services, PFM will be reimbursed for necessary, reasonable, and documented out-of-pocket expenses, as outlined in Exhibit B, which are incurred by PFM. Upon request of Client, documentation of such expenses will be provided.





This Engagement Letter shall remain in effect unless canceled in writing by either party upon thirty (30) days written notice to the other party. PFM shall not assign any interest in this Engagement Letter or subcontract any of the work performed under this Engagement Letter without the prior written consent of Client; provided that upon notice to Client, PFM may assign this Engagement Letter or any interests hereunder to a municipal advisor entity registered with the SEC that directly or indirectly controls, is controlled by, or is under common control with, PFM.

All information, data, reports, and records ("Data") in the possession of Client or any third party necessary for carrying out any services to be performed under this Engagement Letter shall be furnished to PFM and Client shall, and shall cause its agent(s) to, cooperate with PFM in its conduct of reasonable due diligence in performing the services. To the extent Client requests that PFM provide advice with regard to any recommendation made by a third party, Client will provide to PFM written direction to do so as well as any Data it has received from such third party relating to its recommendation. Client acknowledges and agrees that while PFM is relying on the Data in connection with its provision of the services under this agreement, PFM makes no representation with respect to and shall not be responsible for the accuracy or completeness of such Data.

All notices given under this Engagement Letter will be in writing, sent by email or registered United States mail, with return receipt requested, addressed to the party for whom it is intended, at the addresses on the first page of this Engagement Letter.

All materials, except functioning or dynamic financial models, prepared by PFM pursuant exclusively to this Engagement Letter will be the property of Client. Subject to the preceding exception, upon termination of this Engagement Letter, PFM will deliver to Client copies of any and all material pertaining to this Engagement Letter.

The Des Moines office of PFM will provide the services set forth in this Engagement Letter. PFM may, from time to time, supplement or otherwise amend team members. Client has the right to request, for any reason, PFM to replace any member of the advisory staff. Should Client make such a request, PFM will promptly suggest a substitute for approval by Client.

PFM will maintain insurance coverage with policy limits not less than as stated in Exhibit C. Except to the extent caused by willful misconduct, bad faith, gross negligence or reckless disregard of obligations or duties under this Engagement Letter on the part of PFM or any of its associated persons, neither PFM nor any of its associated persons shall have liability to any person for any act or omission in connection with performance of its services hereunder, or for any error of judgment or mistake of law, or for any loss arising out of any issuance of municipal securities, any municipal financial product or any other financial product or investment, or for any financial or other damages resulting from Client's election to act or not to act, as the case may be, contrary to or, absent negligence on the part of PFM or any of its associated persons, upon any advice or recommendation provided by PFM to Client.



PFM, its employees, officers and representatives at all times will be independent contractors and will not be deemed to be employees, agents, partners, servants and/or joint ventures of Client by virtue of this Engagement Letter or any actions or services rendered under this Engagement Letter.

This Engagement Letter represents the entire agreement between Client and PFM and may not be amended or modified except in writing signed by PFM.

Please have an authorized official of Client acknowledge receipt of this Engagement Letter and respond to us to acknowledge the terms of this engagement.

Sincerely,

**PFM FINANCIAL ADVISORS LLC**

Jon Burmeister  
Managing Director

Susanne Gerlach  
Director



## **EXHIBIT A**

### **SCOPE OF SERVICES – Bond Transactions**

PFM shall provide the following financial planning and debt issue development services (includes short term financings, bonds, loans, letters of credit and line of credit) upon the request of the Client:

- Analyze financial and economic factors to determine if the issuance of bonds is appropriate.
- Develop a financing plan in concert with Client's staff which would include recommendations as to the timing and number of series of bonds to be issued.
- Assist the Client by recommending the best method of sale, either as a negotiated sale, private placement or a public sale. In a public sale, make recommendation as to the determination of the best bid. In the event of a negotiated sale, assist in the solicitation, review and evaluation of any investment banking proposals, and provide advice and information necessary to aid in such selection.
- Advise as to the various financing alternatives available to the Client.
- Develop alternatives related to debt transaction including evaluation of revenues available, maturity schedule and cashflow requirements, if necessary.
- If appropriate, develop credit rating presentation and coordinate with the Client the overall presentation to rating agencies.
- Assist the Client in the procurement of other services relating to debt issuance such as printing, verification agent, escrow agent, paying agent and registrar, etc.
- Identify key bond covenant features and advise as to the financial consequences of provisions to be included in bond resolutions regarding security, creation of reserve funds, flow of funds, redemption provisions, additional parity debt tests, etc.; review and comment on successive drafts of bond resolutions.
- Review the requirements and submit analysis to rating agencies and other professionals as they pertain to the Client's obligation, if necessary.
- Review the terms, conditions and structure of any proposed debt offering undertaken by the Client and provide suggestions, modifications and enhancements where appropriate and necessary to reflect the constraints or current financial policy and fiscal capability.





- Coordinate with Client's staff and other advisors with respect to the furnishing of data for offering documents. PFM will assist the Client in the preparation of the offering document, it being specifically understood that PFM is not responsible for the inclusion or omission of any material in published offering documents and that the ultimate responsibility remains with the Client.
- Provide regular updates of bond market conditions and advise the Client as to the most advantageous timing for issuing its debt.
- Advise the Client on the condition of the bond market at the time of sale, including volume, timing considerations, competing offerings, and general economic considerations.
- Assist and advise the Client in negotiations with investment banking groups regarding fees, pricing of the bonds and final terms of any security offering, and make definitive recommendations regarding a proposed offering to obtain the most favorable financial terms based on existing market conditions.
- Arrange for the closing of the transaction.
- Preparation and delivery of bond financing record to Client.
- Review the revenues and expenditures in the Client's most recent Comprehensive Annual Financial Report as it relates to the Water Fund.
- Calculate the net revenue available for debt (including adjustments allowed by the authorizing resolution) and make a determination if the Client is in compliance with the additional bonds test as defined by the authorizing resolutions from the outstanding parity debt obligations.
- Prepare a net revenues certificate to provide evidence that the Client satisfies the additional bond test requirements required by the authorizing resolutions from the outstanding parity debt obligations.



### **SCOPE OF SERVICES – Annual Retainer**

PFM shall provide the following financial planning services, including the development of planning models, upon the request of the Client:

- Review of Client's audited financial statements.
- Review current and projected financial status and capacity of Client.
- Identification and determination of Client's existing taxable valuation.
- Review current debt structure, identifying strengths and weaknesses of structure so that future debt issues can be designed to optimize ability to finance future capital needs.
  - This will include, but is not limited to, reviewing existing debt for the possibility of refunding that debt to provide Client with savings.
- Review capital improvement plan and review funding sources for the capital projects.
- Development and preparation of several financial and capital planning models:
  - Debt Service Tax Analysis planning models
  - General Obligation Debt Capacity planning models
  - Senate File 295 valuation projection model
  - Full Valuation and Taxable Valuation Analysis model
  - Individual Tax Increment Urban Renewal Plan cashflow models
  - Composite Tax Increment Urban Renewal Plan cashflow model (where applicable)
  - Sewer Enterprise Fund financial and capital planning model
  - Water Enterprise Fund financial and capital planning model
  - Storm Water Enterprise Fund financial and capital planning model
  - Road Use Fund financial and capital planning model
  - Local Option Sales Tax (LOST) Fund financial and capital planning model
  - Sales Tax Increment Fund financial and capital planning model
  - Capital funding analysis (including the review of the existing capital improvement fund)
- Assist Client with annual TIF certification.



- Develop financial options analyses (using financial and capital planning models listed above):
  - Analysis of the existing financial arrangements
  - Analyze debt capacity
  - Identify and analyze financing alternatives and debt structuring options
  - Develop scenarios
  - Analyze and compare to objectives/constraints
  - Evaluation of alternative security structures
  - Evaluation of alternative funding and financing approaches
  - Sensitivity analysis
- Assist Client with the development of Client's financial plan by assessing capital needs, identifying potential revenue sources, analyze financing alternatives such as pay-as-you-go, lease/purchasing, short-term vs. long-term financings, assessments, user fees, impact fees, developer contributions, public/private projects, and grants and provide analysis of each alternative as required as to the budgetary and financial impact.
- Develop preliminary financial plan objectives:
  - Review and revise with staff
  - Presentation and review with City Council
  - Assist with financial plan review and approval (as appropriate)
- Attend meetings with Client's staff, consultants and other professionals.
- Assist Client in preparing financial presentations for public hearings and/or referendums.





## **EXHIBIT B**

### **COMPENSATION – Debt Transaction Services**

#### **1. Fixed Rate Transaction Fees**

For financial planning and debt issue development services related to the issuance of General Obligation Bonds and other debt as listed below, PFM will be paid a one-time fee based on the type of debt issue and the par amount of each bond series as listed in the table below. Transaction fees are payable upon closing.

| <b>Type of Bonds</b>    | <b>Issue Size</b>        | <b>Fee</b>                      |
|-------------------------|--------------------------|---------------------------------|
| G.O. Bonds              | Less than \$1.0 Million  | Greater of \$5,000 or 1% of Par |
| G.O. Bonds              | \$1.0 to \$4.99 Million  | \$15,000                        |
| G.O. Bonds              | \$5.0 to \$9.99 Million  | \$16,000                        |
| G.O. Bonds              | \$10.0 to \$14.9 Million | \$18,000                        |
| G.O. Bonds              | \$15.0 to \$19.9 Million | \$20,000                        |
| G.O. Bonds              | \$20.0 and Over          | To be Negotiated                |
| G.O. Refunding Bonds    | Same as G.O. Bonds       | Same as G.O. Bonds              |
| TIF Revenue Bonds       | Same as G.O. Bonds       | Same as G.O. Bonds              |
| Revenue Bonds           | Same as G.O. Bonds       | 125% of G.O. Bond Fee           |
| Revenue Refunding Bonds | Same as G.O. Bonds       | 125% of G.O. Bond Fee           |
| SRF Loans               | Same as G.O. Bonds       | 65% of Revenue Bond Fee         |

#### **2. Hourly Project Fees (Transaction Related)**

In the event a financing is started, but cancelled at the Client's request, PFM will work with City staff to determine an appropriate fee based on the actual hours spent on the transaction. Accrued time will be billed as follows:

| <b><u>Experience Level</u></b> | <b><u>Hourly Rate</u></b> |
|--------------------------------|---------------------------|
| Managing Director              | \$250.00                  |
| Director                       | \$225.00                  |
| Senior Managing Consultant     | \$200.00                  |
| Senior Analyst                 | \$180.00                  |
| Analyst                        | \$150.00                  |
| Associate                      | \$125.00                  |

#### **3. Reimbursable Expenses**

In addition to fees for services, PFM will be reimbursed for necessary, reasonable, and documented out-of-pocket expenses incurred, including travel, meals, lodging, printing, telephone, postage, internet posting and other ordinary costs which are incurred by PFM. Appropriate documentation can be provided.



## **COMPENSATION – Annual Retainer & Other Planning Services**

### **1. Retainer**

For financial planning services and development of planning models, PFM shall receive an annual fee in the amount of \$8,000 ("Retainer"), payable upon invoice. The Retainer assumes the scope of services outlined in Exhibit A can be completed within 60 hours. The Retainer shall be reviewed and revised upon mutual agreement.

### **2. Hourly Project Fees (Non-Transaction Related)**

In the event Client requests that PFM perform significant special projects that are outside of the Scope of Service included herein, fees will be negotiated in advance of the project. Fees will be generally based upon the following hourly rates for the indicated levels of experience or their equivalents.

| <b><u>Experience Level</u></b> | <b><u>Hourly Rate</u></b> |
|--------------------------------|---------------------------|
| Managing Director              | \$250.00                  |
| Director                       | \$225.00                  |
| Senior Managing Consultant     | \$200.00                  |
| Senior Analyst                 | \$180.00                  |
| Analyst                        | \$150.00                  |
| Associate                      | \$125.00                  |

### **3. Reimbursable Expenses**

In addition to fees for Annual Retainer services, PFM will be reimbursed for necessary, reasonable, and documented out-of-pocket expenses incurred, including travel, meals, lodging, printing, telephone, postage and other ordinary costs which are incurred by PFM. Appropriate documentation can be provided.



## **EXHIBIT C**

### **INSURANCE STATEMENT**

PFM Financial Advisors LLC ("PFM") has a complete insurance program, including property, casualty, comprehensive general liability, automobile liability and workers compensation. PFM maintains professional liability and fidelity bond coverages which total \$35 million and \$10 million, respectively. PFM also carries a \$10 million cyber liability policy.

Our Professional Liability policy is a "claims made" policy and our General Liability policy claims would be made by occurrence.

#### **1. Deductibles/SIR:**

Automobile \$250 comprehensive & \$500 collision  
Cyber Liability \$50,000  
General Liability \$0  
Professional Liability (E&O) \$1,000,000  
Financial Institution Bond \$75,000

#### **2. Insurance Company & AM Best Rating**

|                                               |                                                  |
|-----------------------------------------------|--------------------------------------------------|
| Professional Liability (E&O)                  | Endurance American Specialty Insurance; (A+; XV) |
|                                               | XL Specialty Insurance Company; (A; XV)          |
|                                               | Continental Casualty Company; (A; XV)            |
|                                               | Starr Indemnity & Liability Company; (A; XIV)    |
| Financial Institution Bond                    | Federal Insurance Company; (A++; XV)             |
| Cyber Liability                               | Indian Harbor Insurance Company (A; XV)          |
| General Liability                             | Great Northern Insurance Company; (A++; XV)      |
| Automobile Liability                          | Federal Insurance Company; (A++; XV)             |
| Excess /Umbrella Liability                    | Federal Insurance Company; (A++; XV)             |
| Workers Compensation &<br>Employers Liability | Great Northern Insurance Company; (A++; XV)      |



**DISCLOSURE OF CONFLICTS OF INTEREST AND OTHER  
IMPORTANT MUNICIPAL ADVISORY INFORMATION  
PFM Financial Advisors LLC**

**I. Introduction**

Public Financial Management, Inc., PFM Financial Advisors LLC, Western Financial Group, LLC (a wholly-owned subsidiary of PFM Financial Advisors LLC), and PFM Swap Advisors LLC (hereinafter, referred to as “We,” “Us,” or “Our”) are registered municipal advisors with the Securities and Exchange Commission (the “SEC”) and the Municipal Securities Rulemaking Board (the “MSRB”), pursuant to the Securities Exchange Act of 1934 Rule 15Ba1-2. In accordance with MSRB rules, this disclosure statement is provided by Us to each client prior to the execution of its advisory agreement with written disclosures of all material conflicts of interests and legal or disciplinary events that are required to be disclosed with respect to providing financial advisory services pursuant to MSRB Rule G-42(b) and (c) (ii). We employ a number of resources to identify and subsequently manage actual or potential conflicts of interest in addition to disclosing actual and potential conflicts of interest provided herein.

***How We Identify and Manage Conflicts of Interest***

**Code of Ethics.** The Code requires that all employees conduct all aspects of Our business with the highest standards of integrity, honesty and fair dealing. All employees are required to avoid even the appearance of misconduct or impropriety and avoid actual or apparent conflicts of interest between personal and professional relationships that would or could interfere with an employee’s independent exercise of judgment in performing the obligations and responsibilities owed to a municipal advisor and Our clients.

**Policies and Procedures.** We have adopted policies and procedures that include specific rules and standards for conduct. Some of these policies and procedures provide guidance and reporting requirements about matters that allows Us to monitor behavior that might give rise to a conflict of interest. These include policies concerning the making of gifts and charitable contributions, entertaining clients, and engaging in outside activities, all of which may involve relationships with clients and others that are important to Our analysis of potential conflicts of interest.

**Supervisory Structure.** We have both a compliance and supervisory structure in place that enables Us to identify and monitor employees’ activities, both on a transaction and Firm-wide basis, to ensure compliance with appropriate standards. Prior to undertaking any engagement with a new client or an additional engagement with an existing client, appropriate municipal advisory personnel will review the possible intersection of the client’s interests, the proposed engagement, Our engagement personnel, experience and existing obligations to other clients and related parties. This review, together with employing the resources described above, allows Us to evaluate any situations that may be an actual or potential conflict of interest.

**Disclosures.** We will disclose to clients those situations that We believe would create a material conflict of interest, such as: 1) any advice, service or product that any affiliate may provide to a client that is directly related to the municipal advisory work We perform for such client; 2) any payment made to obtain or retain a municipal advisory engagement with a client; 3) any fee-splitting arrangement with any provider of an investment or services to a client; 4) any conflict that may arise from the type of compensation arrangement We may have with a client; and 5) any other actual or potential situation that We are or become aware of that might constitute a material conflict of interest that could reasonably expect to impair Our ability to provide advice to or on behalf of clients consistent with regulatory requirements. If We identify such situations or circumstances, We will prepare meaningful disclosure that will describe the implications of the situation and how We intend to manage the situation. We will also disclose any legal or disciplinary events that are material to a client’s evaluation or the integrity of Our management or advisory personnel. We will provide this disclosure (or a means to access this information) in writing prior to starting Our proposed engagement, and will provide such additional information or clarification as the client may request. We will also advise Our clients in writing of any subsequent material conflict of interest that may arise, as well as the related implications, Our plan to manage that situation, and any additional information such client may require.

## **II. General Conflict of Interest Disclosures**

### ***Disclosure of Conflicts Concerning the Firm's Affiliates***

Our affiliates offer a wide variety of financial services, and Our clients may be interested in pursuing services separately provided by an affiliate. The affiliate's business with the client could create an incentive for Us to recommend a course of action designed to increase the level of the client's business activities with the affiliate or to recommend against a course of action that would reduce the client's business activities with the affiliate. In either instance, We may be perceived as recommending services for a client that are not in the best interests of Our clients, but rather are in Our interests or the interests of Our affiliates. Accordingly, We mitigate any perceived conflict of interest that may arise in this situation by disclosing it to the client, and by requiring that there be a review of the municipal securities transaction or municipal financial product to ensure that it is suitable for the client in light of various factors, after reasonable inquiry, including the client's needs, objectives and financial circumstances. Further, We receive no compensation from Our affiliates with respect to a client introduction or referral. If a client chooses to work with an affiliate, We require that the client consult and enter into a separate agreement for services, so that the client can make an independent, informed, evaluation of the services offered.

### ***Disclosure of Conflicts Related to the Firm's Compensation***

From time to time, We may be compensated by a municipal advisory fee that is or will be set forth in an agreement with the client to be, or that has been, negotiated and entered into in connection with a municipal advisory service. Payment of such fee may be contingent on the closing of the transaction and the amount of the fee may be based, in whole or in part, on a percentage of the principal or par amount of municipal securities or municipal financial product. While this form of compensation is customary in the municipal securities market, it may be deemed to present a conflict of interest since We may appear to have an incentive to recommend to the client a transaction that is larger in size than is necessary. Further, We may also receive compensation in the form of a fixed fee arrangement. While this form of compensation is customary, it may also present a potential conflict of interest, if the transaction requires more work than contemplated and We are perceived as recommending a less time consuming alternative contrary to the client's best interest so as not to sustain a loss. Finally, We may contract with clients on an hourly fee bases. If We do not agree on a maximum amount of hours at the outset of the engagement, this arrangement may pose a conflict of interest as We would not have a financial incentive to recommend an alternative that would result in fewer hours. We manage and mitigate all of these types of conflicts by disclosing the fee structure to the client, and by requiring that there be a review of the municipal securities transaction or municipal financial product to ensure that it is suitable for the client in light of various factors, after reasonable inquiry, including the client's needs, objectives and financial circumstances.

### ***Disclosure Concerning Provision of Services to State and Local Government, and Non-Profit Clients***

We regularly provide financial advisory services to state and local governments, their agencies, and instrumentalities, and non-profit clients. While Our clients have expressed that this experience in providing services to a wide variety of clients generally provides great benefit for all of Our clients, there may be or may have been clients with interests that are different from (and adverse to) other clients. If for some reason any client sees Our engagement with any other particular client as a conflict, We will mitigate this conflict by engaging in a broad range of conduct, if and as applicable. Such conduct may include one or any combination of the following: 1) disclosing the conflict to the client; 2) requiring that there be a review of the municipal securities transaction or municipal financial product to ensure that it is suitable for the client in light of various factors, including the client's needs, objectives and financial circumstances; 3) implementing procedures that establishes an "Informational Bubble" that creates physical, technological and procedural barriers and/or separations to ensure that non-public information is isolated to particular area such that certain governmental transaction team members and supporting functions operate separately during the course of work performed; and 4) in the rare event that a conflict cannot be resolved, We will withdraw from the engagement.



#### ***Disclosure Related to Legal and Disciplinary Events***

As registered municipal advisors with the Securities and Exchange Commission (the “SEC”) and the Municipal Securities Rulemaking Board (the “MSRB”), pursuant to the Securities Exchange Act of 1934 Rule 15Ba1-2, Our legal, disciplinary and judicial events are required to be disclosed on Our forms MA and MA-I filed with the SEC, in ‘**Item 9 Disclosure Information**’ of form MA, ‘**Item 6 Disclosure Information**’ of form MA-I, and if applicable, the corresponding disclosure reporting page(s) (“DRP”). To review the foregoing disclosure items and material change(s) or amendment(s), if any, clients may electronically access PFM Financial Advisors LLC filed forms MA and MA-I on the SEC’s Electronic Data Gathering, Analysis, and Retrieval system, listed by date of filing starting with the most recently filed, at:

PFM Financial Advisors LLC –

<http://www.sec.gov/cgi-bin/browse-edgar?company=PFM+Financial&owner=exclude&action=getcompany>

### **III. Specific Conflicts of Interest Disclosures – City of Grimes, Iowa**

To Our knowledge, following reasonable inquiry, We make the additional disclosure(s) of actual or potential conflicts of interest cited below in connection with the municipal advisory services currently being contemplated for client.

For competitive bonds sales, the Terms of Offering allow for underwriters to purchase a bond insurance policy on any or all of the bonds being offered for sale. In the event that a bond insurance policy is purchased by the underwriter from the municipal bond insurer Build America Mutual Assurance Company (“BAM”), the following is applicable. Two individual Board members of PFM I, LLC, a holding company which includes ownership of Public Financial Management Inc. and PFM Financial Advisors LLC (collectively, referred to as “PFM”) among other affiliates, are also members of the board of directors of municipal bond insurer BAM. Both serve on the BAM Board in their personal capacity, and not in the interests of PFM, and there are no joint business efforts between the PFM and BAM. Further, neither is involved in the day-to-day operations of either PFM or BAM. We mitigate any potential or actual conflict by requiring, in addition to our disclosure, that there be a review of the municipal securities transaction or municipal financial product recommended to ensure that it is suitable for the client in light of various factors, including the client’s needs, objectives and financial circumstances.

We currently serve as municipal advisor to certain regional entities including the cities of Adel, Altoona, Ankeny, Bondurant, Carlisle, Clive, Des Moines, Elkhart, Indianola, Johnston, Norwalk, Pleasant Hill, Polk City, Van Meter, Waukee and West Des Moines; Waukee Community School District, West Des Moines Community School District; Des Moines Metropolitan Wastewater Reclamation Authority, West Des Moines Water Works, State of Iowa and Iowa Finance Authority. We do not anticipate this to create a conflict of interest nor to impede Our ability to fulfill Our fiduciary duty to the City of Grimes, Iowa.

### **IV. Municipal Advisory Complaint and Client Education Disclosure**

The MSRB protects state and local governments and other municipal entities and the public interest by promoting fair and efficient municipal securities markets. To that end, MSRB rules are designed to govern the professional conduct of brokers, dealers, municipal securities dealers and municipal advisors. Accordingly, if you as municipal advisory customer have a complaint about any of these financial professionals, please contact the MSRB’s website at [www.msrb.org](http://www.msrb.org), and consult the MSRB’s Municipal Advisory Client brochure. The MSRB’s Municipal Advisory Client brochure describes the protections available to municipal advisory clients under MSRB rules, and describes the process for filing a complaint with the appropriate regulatory authority.

PFM’s Financial Advisory services are provided by Public Financial Management Inc., Western Financial Group, LLC, and PFM Financial Advisors LLC. PFM’s Swap Advisory services are provided by PFM Swap Advisors LLC. All entities are registered municipal advisors with the MSRB and SEC under the Dodd Frank Act of 2010.



## AGREEMENT FOR FILING ASSISTANCE SERVICES

This exhibit provides information regarding the services of PFM Financial Advisors LLC ("PFM") for filing assistance with respect to the Securities and Exchange Commission Rule 15(c)2-12 relating to continuing disclosure of financial information as it pertains to debt that the City of Grimes, Iowa (the "Client") has issued.

The Securities and Exchange Commission ("SEC") modified Rule 15c2-12 such that as of July 2009, all filings are required to be made electronically through the Municipal Securities Rulemaking Board's ("MSRB") Electronic Municipal Market Access ("EMMA") system.

The Client has entered into continuing disclosure undertakings in connection with the issuance of past bond issues in which the Client covenanted to file annual reports ("Annual Disclosure Reports") after the close of its fiscal year and to provide notice of material events if any should occur. The Annual Disclosure Report consists of the Client's audited financial statements and other financial and operating data specified in the Client's continuing disclosure agreement.

In the case of any material events, as determined solely by the Client, it is the responsibility of the Client to inform PFM of the occurrence thereof as soon as it becomes known. Our duty is to assist with the Client's submission of the material event notice (the "Notice") to the MSRB through the EMMA site as required. We assume no, and expressly disclaim any, responsibility for the determination of whether and when any Notices are required to be filed. All such Notices, which may be supplied to us by the Client, are warranted by the Client to be complete and accurate.

PFM will rely solely on the Client to prepare the Annual Disclosure Report and any required Notices. PFM assumes no, and expressly disclaims any, responsibility for the timely availability or completeness and accuracy of information contained in the Annual Disclosure Report or any Notices. Without limiting the generality of the foregoing, PFM will perform the following tasks:

1. Provide notice to the Client that the Annual Disclosure Report filing requirement will be coming due;
2. Provide a list of information required in the Annual Disclosure Report which will need to be supplied by the Client;
3. Provide documentation of information needed that will need to be supplied by third parties other than the Client (e.g. County, Bond Counsel);
4. Support the filing of the Annual Disclosure Report as provided by the Client;
5. Support the filing of Notices provided by the Client

The annual fee is as follows for the services listed above:

Filing Assistance Fee:

\$2,000

PFM reserves the right to adjust the annual fee and to request reimbursement for any out-of-pocket costs that we may incur in filing Annual Disclosure Reports or Notices.

All information, data, reports, and records ("Data") in the possession of Client or any third party necessary for carrying out any services to be performed under this agreement shall be furnished to PFM and Client shall, and shall cause its agent(s) to, cooperate with PFM. Client acknowledges and agrees that while PFM is relying on the Data in connection with its provision of the services under this agreement, PFM makes no representation with respect to and shall not be responsible for the accuracy or completeness of such Data.

ACCEPTED THIS:

**City of Grimes, Iowa**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**PFM Financial Advisors LLC**

By: Jon Burmeister

Name: Jon Burmeister

Title: Managing Director

Date: 08-20-2019



*101 NE Hawkey, Grimes, Iowa 50111  
515.986.3036 Fax 515.986.3846*

AGENDA MEMO

Item No.  
For Meeting of 9/10/2019

**AGENDA HEADING:** Purchase of Kubota SLV90-2 Skid Loader

**SYNOPSIS:** The Public Works Department is responsible for repair and maintenance of street projects, concrete replacement, grading work, and snow removal. To support more efficient operations and replace equipment that was in need of repair staff determined it was necessary to rent a tracked skid loader.

1. Staff researched and compared models quoted various dealers for a long term rental with an option to purchase should at any time.
2. Cost of a brand-new machine was **106,719.99** and a low hour machine from Mid County was quoted at **62,000.00** with rental being applied towards purchase. Prior to recommending purchase we wanted to would complete enough concrete work to justify the expense of owning the loader.
3. Over last 12 months staff has used the machine over 700 hours on various projects that where previously contracted out.
4. Staff anticipates the skid loader will last 3-4 years based on the high amount of daily use and type of working conditions.

**FISCAL IMPACT:** Equipment Purchase was planned and budgeted

**PREVIOUS COUNCIL ACTION(S):** NA

**BOARD/COMMISSION ACTION(S):**

**STAFF/COMMITTEE RECOMMENDATION:** Staff recommends purchase of Kubota SVL95-5 from Mid-County Machinery for 26,300.00.

Weston Wunder  
Public Works Director



**MID COUNTRY MACHINERY, INC.****3478 5th Avenue South****Fort Dodge, IA 50501****515-574-2302 • 800-206-5936****www.midcountry.com**

Ship To:

SAME AS BELOW

Invoice To:

City Of Grimes  
101 Ne Harvey St  
Grimes IA 50111

|                 |              |                |
|-----------------|--------------|----------------|
| Branch          |              |                |
| 01 - FORT DODGE |              |                |
| Date            | Time         | Page           |
| 09/04/2019      | 14:48:28 (O) | 1              |
| Account No.     | Phone No.    | Invoice No.    |
| GRIME002        | 5159863036   | E02934         |
| Ship Via        |              | Purchase Order |
|                 |              |                |
| Salesperson     |              |                |
| Rick Anhalt     |              | 075            |

**EQUIPMENT INVOICE**

Description

Amount

Stock #: KUB27                      Serial #: 18041  
Used 2016 KU SLV90-2HFC  
2016 KUBOTA SVL90-2 SKID STEER

26300.00

Subtotal: 26300.00

CHARGE SALE: 26300.00

SOLD AS IS, WHERE IS, NO WARRANTY EXPRESSED OR IMPLIED.

TAX EXEMPT- GOVERNMENT

**X**

Customer Signature

P.O. No. \_\_\_\_\_

25685

## CITY OF GRIMES

101 N. Harvey, Grimes, IA 50111 phone: 515-986-3036 fax: 515-986-3846

### PURCHASE REQUEST/PURCHASE ORDER

Source/Supplier Mid Country Machinery  
Name

Address

Phone Number/Fax Number

| ITEMS | QTY | UNIT PRICE | TOTAL |
|-------|-----|------------|-------|
|-------|-----|------------|-------|

PURCHASE JUSTIFICATION: skid loader purchase

DEPARTMENT: RUT  
Streets - Equipment

LINE ITEM: 110 ~~001~~ - 210 - ~~6504~~ 6723

BEGINNING BUDGET BALANCE: \_\_\_\_\_

ENDING BUDGET BALANCE: \_\_\_\_\_

PURCHASE REQUESTED BY: Weston Wunder /g DATE: 9-4-19  
PURCHASE ORDER APPROVAL AND ASSIGNMENT

City Administrator

Date

Council Approval date: (if over \$5,000)



Purchaser's Copy



Vendor's Copy



File Copy



101 NE Harvey, Grimes, Iowa 50111  
515.986.3036 Fax 515.986.3846

AGENDA MEMO

Item No.  
For Meeting of 9/10/2019

**AGENDA HEADING:** Purchase of Fork Lift – For Public Works Bldgs.

**SYNOPSIS:** The Public Works Department is responsible for receiving and unloading several deliveries each day. We not only handle deliveries for the Public Works, Parks, but also support other departments and city functions. Last year we began renting a fork lift to make unloading safer and more efficient and to ensure we could safely load vertical shelving in our shop. Details Outline Below:

1. Staff researched and compared models to fit daily needs, determined it would be beneficial to rent a low hour machine with option to purchase vs buying a new forklift (New Forklift 36,600.00 vs low hour Forklift with warranty 25,650.00)
2. After renting the machine over last twelve months we utilize the machine daily and it much safer to operate
3. The forklift has a taller reach and increased visibility which allows us to utilize vertical shelving that we installed last year
4. Purchase of this machine also ensures we don't receive a delivery without a dedicated piece of equipment to unload it. Prior to renting the forklift we would have to bring a loader back to shop with little or no notice pulling staff away from a construction project.
5. Staff anticipates the forklift will serve needs of the department for 6-7 years before a replacement is required

**FISCAL IMPACT:** Equipment Purchase was planned and budgeted

**PREVIOUS COUNCIL ACTION(S):** NA

**BOARD/COMMISSION ACTION(S):**

**STAFF/COMMITTEE RECOMMENDATION:** Staff recommends approval of invoice to purchase Forklift from Mid-County Machinery totaling 9585.00.

Weston Wunder  
Public Works Director

code to - streets 001-210-6504



**MID COUNTRY MACHINERY, INC.**

3478 5th Avenue South  
Fort Dodge, IA 50501  
515-574-2302 • 800-206-5936  
www.midcountry.com

Ship To:

SAME AS BELOW

Invoice To:

City Of Grimes  
101 Ne Harvey St  
Grimes IA 50111

|                 |              |                |  |
|-----------------|--------------|----------------|--|
| Branch          |              |                |  |
| 01 - FORT DODGE |              |                |  |
| Date            | Time         | Page           |  |
| 09/04/2019      | 14:46:47 (O) | 1              |  |
| Account No.     | Phone No.    | Invoice No.    |  |
| GRIME002        | 5159863036   | E02935         |  |
| Ship Via        |              | Purchase Order |  |
|                 |              |                |  |
| Rick Anhalt     |              | Salesperson    |  |
|                 |              | 075            |  |

**EQUIPMENT INVOICE**

Description

Amount

Stock #: TOY42                      Serial #: 77850  
New 2017 TY 8FGU25  
2017 TOYOTA 8FGU25 WAREHOUSE FORKLIFT

9585.00

Subtotal: 9585.00  
CHARGE SALE: 9585.00

SOLD AS IS, WHERE IS, NO WARRANTY EXPRESSED OR IMPLIED.

TAX EXEMPT- GOVERNMENT

**X**

Customer Signature

P.O. No. \_\_\_\_\_

25684

## CITY OF GRIMES

101 N. Harvey, Grimes, IA 50111 phone: 515-986-3036 fax: 515-986-3846

### PURCHASE REQUEST/PURCHASE ORDER

Source/Supplier Mid Country Machinery  
Name

Address

Phone Number/Fax Number

| ITEMS | QTY | UNIT PRICE | TOTAL   |
|-------|-----|------------|---------|
|       |     |            | 9585.00 |
|       |     |            |         |
|       |     |            |         |
|       |     |            |         |

PURCHASE JUSTIFICATION: forklift purchase

DEPARTMENT: Streets - Equipment

LINE ITEM: 001-210-0504

BEGINNING BUDGET BALANCE: \_\_\_\_\_

ENDING BUDGET BALANCE: \_\_\_\_\_

PURCHASE REQUESTED BY: Wester Wundorff DATE: 9-4-19  
PURCHASE ORDER APPROVAL AND ASSIGNMENT

City Administrator

Date

Council Approval date: (if over \$5,000)

☐ Purchaser's Copy

☐ Vendor's Copy

☐ File Copy



*101 NE Hawley, Grimes, Iowa 50111  
515.986.3036 Fax 515.986.3846*

### AGENDA MEMO

Item No.  
For Meeting of 9/10/2019

#### **AGENDA HEADING:** North Sports Complex – Maintenance Shed Construction

**SYNOPSIS:** Staff has worked with Park Board and RDG Planning to determine the location and size of maintenance shed at North Complex. Public Works has poured the footings and slab for construction and is awaiting materials to arrive to continue construction. Details below:

1. Park Board approved plans and specifications at last meeting, but did determine that we should include some stone to the structure to provide a more consistent look with completed comprehensive plan
2. Public works will be responsible for managing construction of project and will partner with a few sub-contractors. (Electrical, Stone Work, and Rough Framing)
3. Location at north complex was based on completed parks and trails plan, and size was determined by feedback of end users of the shed. (Football, Softball, City Parks Dept.)
4. Construction once materials arrive will take 2-3 weeks. Final Completion is targeted for Mid-Oct.

**FISCAL IMPACT:** Project was budgeted for with funding coming from the Parks Improvement Fund

**PREVIOUS COUNCIL ACTION(S):** Approval of Park Plan/Park Board Approval

**BOARD/COMMISSION ACTION(S):**

**STAFF/COMMITTEE RECOMMENDATION:** Staff recommends approval of maintenance facility material and sub-contractor cost not to exceed 32,000.00 (Building Materials 10,000.00, electrical 10,000.00, concrete 3000.00, Stone Sub-contractor/Materials 5000.00 – Misc Items and Construction Contingency 5000.00)

Weston Wunder  
Public Works Director



P.O. No. \_\_\_\_\_

25669

## CITY OF GRIMES

101 N. Harvey, Grimes, IA 50111 phone: 515-986-3036 fax: 515-986-3846

### PURCHASE REQUEST/PURCHASE ORDER

Source/Supplier

Menards

Name

Address

Phone Number/Fax Number

| ITEMS                                                | QTY | UNIT PRICE   | TOTAL   |
|------------------------------------------------------|-----|--------------|---------|
| 6593 Parks - <del>North Campus</del> <u>Imperial</u> |     | 001-432-6507 | 59.90   |
| 6594 " "                                             |     | 001-432-6507 | 8716.72 |
| 6744 " "                                             |     | " "          | 9.65    |
| 6807 " "                                             |     | " "          | 9.88    |
| 6805 " "                                             |     | " "          | 73.95   |

PURCHASE JUSTIFICATION: \_\_\_\_\_

DEPARTMENT:

See Above

LINE ITEM:

001-430-6727

BEGINNING BUDGET BALANCE: \_\_\_\_\_

ENDING BUDGET BALANCE: \_\_\_\_\_

PURCHASE REQUESTED BY: Wesley Wunder

DATE:

8-30-19

PURCHASE ORDER APPROVAL AND ASSIGNMENT

City Administrator

Date

Council Approval date: (if over \$5,000)

☐

Purchaser's Copy

☐

Vendor's Copy

☐

File Copy

## **Rochelle Williams**

---

**From:** Aaron Welch <welch.aaron@gmail.com>  
**Sent:** Tuesday, August 27, 2019 9:30 AM  
**To:** Rochelle Williams  
**Subject:** Block Party - Street Closure 1400 Block of Sunset Lane, Sept 14th  
**Attachments:** Sunset.PNG

Hi Rochelle,

We are having a neighborhood block party the day of the Iowa / Iowa State game on Saturday September 14th. We expect about 75 people and would like to close the street where highlighted in yellow on the attached map. We would like barricades up between 2:00 PM and 9:00 PM. We would like the barricades there for safety as we will have a large number of children attending.

Please let me know if you need any additional information.

Thank you,  
Aaron Welch  
515-505-0633



NW Sunset Ln

NW Beaverbrooke Blvd

NW

NW Callista St

NW Prairie Creek Dr

NW Sunset Ln

NW Prairie Creek Dr

NW 13th St

NW Sunset Ln



## Rochelle Williams

---

**From:** Jim Clark <jclark@cityofjohnston.com>  
**Sent:** Tuesday, September 03, 2019 9:09 AM  
**To:** Rochelle Williams; Dave Guthrie  
**Subject:** RE: Neighborhood block party street block request

As long as they only park on one side so we have access I am fine with it.

Thanks,  
Jim

**From:** Rochelle Williams <[rwilliams@grimesiowa.gov](mailto:rwilliams@grimesiowa.gov)>  
**Sent:** Wednesday, August 28, 2019 2:17 PM  
**To:** Dave Guthrie <[dguthrie@grimesiowa.gov](mailto:dguthrie@grimesiowa.gov)>; Jim Clark <[jclark@cityofjohnston.com](mailto:jclark@cityofjohnston.com)>  
**Subject:** FW: Neighborhood block party street block request

Dave,  
Is this close to the one I had earlier this week on Sunset – do we have a concern??

*Rochelle Williams*  
City Clerk  
City of Grimes  
101 NE Harvey Street  
Grimes, Iowa 50111  
Phone: 515-986-3036  
FAX: 515-986-3846  
[rwilliams@grimesiowa.gov](mailto:rwilliams@grimesiowa.gov)

**From:** chad soyer [<mailto:chadsoyer@gmail.com>]  
**Sent:** Wednesday, August 28, 2019 1:56 PM  
**To:** Rochelle Williams  
**Subject:** Neighborhood block party street block request

Hi,

I was given your information to contact about getting a portion of our street blocked for a day in our neighborhood. The street we were wanting blocked is on NW Sunset Lane off of NW 8th street. We were wanting blocked from house 801 NW Sunset Lane to just past driveway of 813 NW Sunset Lane. We were wanting this blocked on September 14th in the A.M. thru the P.M. on that date. We were going to have a tailgate party for the Iowa/Iowa State game with the neighborhood that day. We would like the street blocked for games to be played in the street and for kids to ride their bikes freely. The neighborhood has been notified thru our neighborhood Facebook page to get approval or take any concerns. So far everyone is ok with it. We planned to make a flyer for notice of the blockage also.

Please let me know if this is possible or if there is anything else we need to do.

Thanks,  
Chad Soyer

813 NW Sunset Lane

Original



Hawkins, Inc.  
2381 Rosegate  
Roseville, MN 55113  
Phone: (612) 331-6910

# INVOICE REC'D AUG 19 2019

Total Invoice \$5,070.00  
Invoice Number 4558216  
Invoice Date 8/12/19  
Sales Order Number/Type 2986430 SL  
Branch Plant 58073  
Shipment Number 3260687

Sold To: 117729  
City of Grimes  
101 N Harvey St  
Grimes IA 50111

Ship To: 135451  
City of Grimes  
Water Treatment Plant  
7850 NW 128th St  
Grimes IA 50111

| Net Due Date | Terms  | FOB Description | Ship Via | Customer P.O.# | P.O. Release | Sales Agent # |
|--------------|--------|-----------------|----------|----------------|--------------|---------------|
| 9/26/19      | Net 45 | PPD Origin      | HWTG     |                |              | 073           |

| Line # | Item Number<br>Cust Item # | Item Name/<br>Description | Tax | Qty<br>Shipped | Trans<br>UOM | Unit<br>Price | Price<br>UOM | Weight<br>Net/Gross | Extended<br>Price |
|--------|----------------------------|---------------------------|-----|----------------|--------------|---------------|--------------|---------------------|-------------------|
| 1.001  | 699913                     | 150 Lb Chlorine Cylinder  | N   | 10.0000-       | CY           | \$0.0000      | RT           | .0 LB               | \$0.00            |
|        |                            | CYL 3AA480                |     | 10.0000-       | RT           |               |              | 1,000.0- GW         |                   |

Related Order #: 2986430

Container Barcodes: 088129, 075471, 072945, 049552, 052878, 047886, 088140, 088127, 088897, 077298

|       |      |                                |   |           |    |          |    |            |          |
|-------|------|--------------------------------|---|-----------|----|----------|----|------------|----------|
| 2.000 | 4800 | Chlorine - EPA Reg. No. 7870-2 | N | 10.0000   | CY | \$0.6000 | LB | 1,500.0 LB | \$900.00 |
|       |      | 150 # CYL                      |   | 1500.0000 | LB |          |    | 2,619.0 GW |          |

Demurrage charges may be applied if not returned in 60 days.

Container Barcodes: 069838, 063021, 077416, 049353, 067271, 056296, 077879, 088566, 060034, 050602

|       |        |                          |   |         |    |          |    |            |        |
|-------|--------|--------------------------|---|---------|----|----------|----|------------|--------|
| 2.001 | 699913 | 150 Lb Chlorine Cylinder | N | 10.0000 | CY | \$0.0000 | RT | .0 LB      | \$0.00 |
|       |        | CYL 3AA480               |   | 10.0000 | RT |          |    | 1,000.0 GW |        |

Related Order #: 2986430

|       |       |            |   |           |    |          |    |            |            |
|-------|-------|------------|---|-----------|----|----------|----|------------|------------|
| 3.000 | 33138 | Vitec 3000 | N | 3.0000    | DR | \$2.7800 | LB | 1,500.0 LB | \$4,170.00 |
|       |       | 500 LB DNR |   | 1500.0000 | LB |          |    | 1,572.0 GW |            |

Lot/SN: 96354

Lot Expiration Date 6/9/20

\*\*\*\*\* Electronic Billing Now Available. \*\*\*\*\*

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com  
or call 612-331-6910 to get it setup on your account.

**PAID**

*mw*

Page 1 of 1

Tax Rate  
0 %

Sales Tax  
\$0.00

Invoice Total

\$5,070.00

No Discounts on Freight or Containers

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Containers are to be paid for in full, as invoiced, and full refund will be made promptly, provided containers are returned to original point of shipment. Return freight charges to be prepaid. The containers returned must be the same originally shipped, and show no evidence of abuse, or use for purposes other than the storage of original containers. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose. NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.

Please Remit To: **Hawkins, Inc.**  
**P.O. Box 860263**  
**Minneapolis, MN 55486-0263**

This contractor and subcontractor shall abide by the requirements of 41 CFR 5560-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

www.hawkinsinc.com

Job# 500379424



**Total Quality**  
COMPLETE LAWN SOLUTIONS

TOTAL QUALITY INC. / P.O. BOX 101 / POLK CITY, IA 50226  
PH. 515.984.6605 / FAX. 515.984.6997 / TOTALQUALITYINC.COM

## MAINTENANCE INVOICE

| DATE | INVOICE # | AMOUNT ENCLOSED |
|------|-----------|-----------------|
|      | 6/26/2019 | 60275           |

**BILLING ADDRESS**

City of Grimes  
101 NE Harvey ST  
Grimes, IA 50111

**SERVICE ADDRESS**

DETACH THIS PORTION AND INCLUDE WITH PAYMENT

|                        |                              |
|------------------------|------------------------------|
| <b>TERMS</b><br>Net 30 | <b>DUE DATE</b><br>7/26/2019 |
|------------------------|------------------------------|

| SERVICED     | DESCRIPTION                              | ITEM  | AMOUNT             |
|--------------|------------------------------------------|-------|--------------------|
| 6/26/2019    | Monthly Budget    September<br>Sales Tax | 001.2 | 12,022.45T<br>0.00 |
| <b>TOTAL</b> |                                          |       | \$12,022.45        |

All accounts due within 30 days of invoice date. 30 days past due invoices subject to 1.5% finance charge per month.

**COMMENTS:**

**Total Quality**  
COMPLETE LAWN SOLUTIONS

TOTAL QUALITY INC. / P.O. BOX 101 / POLK CITY, IA 50226  
PH. 515.984.6605 / FAX. 515.984.6997 / TOTALQUALITYINC.COM

Any questions, please call 515.984.6605

LAWNCARE / SPRINKLER START-UPS & INSTALLATION / LANDSCAPING & LIGHTING



25277 ✓

# CITY OF GRIMES

101 N. Harvey, Grimes, IA 50111 phone: 515-986-3036 fax: 515-986-3846

## PURCHASE REQUEST/PURCHASE ORDER

Source/Supplier Total Quality  
Name

Address

Phone Number/Fax Number

| ITEMS | QTY       | UNIT PRICE | TOTAL    |
|-------|-----------|------------|----------|
| 60275 | September |            | 12022.45 |

PURCHASE JUSTIFICATION: Approved contract expense

DEPARTMENT: Parks - Chemicals

LINE ITEM: 001-430-6510

BEGINNING BUDGET BALANCE: \_\_\_\_\_

ENDING BUDGET BALANCE: \_\_\_\_\_

PURCHASE REQUESTED BY: Weston Wunder / pp DATE: 6-27-19  
PURCHASE ORDER APPROVAL AND ASSIGNMENT

Jake Anderson msh 8-27-19  
City Administrator Date

cc 9-10-19

Council Approval date: (if over \$5,000)

☐ Purchaser's Copy ☐ Vendor's Copy ☐ File Copy

State of Iowa  
**ALCOHOLIC  
BEVERAGES DIVISION**[Home](#)  
[About](#)  
[Alcohol](#)  
[Tobacco](#)  
[Links](#)  
[Contact](#)[Help](#)[License Search](#)[License List](#)[On-Demand  
Reporting](#)[Keg Registration  
Search](#)[User Profile](#)[Logoff](#)[➤ License](#)[➤ Privileges](#)[➤ Applicant](#)[➤ Status Of Business](#)[➤ Ownership](#)[➤ Criminal History](#)[➤ Premises](#)[➤ General Premises](#)[➤ Applicant Signature](#)[➤ Bond Cert](#)[➤ Local Endorse](#)[➤ History](#)

## Applicant License **LE0001567, Fareway Stores, Inc. #983, Grimes**

After completion click on the **NEXT** link to continue to the next screen, or the **BACK** link to return to the previous screen.

The navigation links on the top may also be used to move around the application.

### LENGTH OF LICENSE REQUESTED:

(Choose one of the following):

☒ 12 month☐ 8 month☐ 6 month☐ 14 day☐ 5 day

License Status: Submitted to Local Authority

Original issue date of license: 09/23/2009 MM/DD/YYYY

Issue date of current license: MM/DD/YYYY

License effective date: 10/01/2019 MM/DD/YYYY

License expiration date: 09/30/2020 MM/DD/YYYY

Number of days notice: 0

70 day notice: 0

Cancel date: MM/DD/YYYY

Licenses with an effective date of September 1, 2015 or after, will be required to use the Iowa Alcoholic Beverages Division's online web portal or EDI for placing liquor orders. Once your renewal application has been submitted, more information will be emailed to the email address entered on the applicant screen under contact email address.

To move forward with your application, click on the box as acknowledgment of reading the above. ☐

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### Contact Us

Iowa Alcoholic Beverages Division  
1918 SE Hulsizer Road, Ankeny, IA 50021  
Toll Free 866.IowaABD (866.469.2223)  
Local 515.281.7400

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## Privileges LE0001567, Fareway Stores, Inc. #983, Grimes

After completion click on the NEXT link to continue to the next screen, or the BACK link to return to the previous screen.

The navigation links on the top may also be used to move around the application.

Select one or more of the privileges you wish to have for your Class E Liquor License (LE). If no privileges are applicable please leave all boxes unchecked and hit the next button.

### PRIVILEGES:

- ☐ [Class B Native Wine Permit](#)
- ☒ [Class B Wine Permit \(Carryout Wine - Includes Native Wine\)](#)
- ☒ [Class C Beer Permit \(Carryout Beer\)](#)
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## Ownership **LE0001567, Fareway Stores, Inc. #983, Grimes**

After completion click on the **NEXT** link to continue to the next screen, or the **BACK** link to return to the previous screen.

The navigation links on the top may also be used to move around the application.

Corporate applicant's, list all shareholders having 10% or more interest in the corporation and all officers and directors of the corporation regardless of ownership interest. Sole Proprietors shall also include their spouse even if the spouse owns 0% interest. Non-profit corporations or associations need to list officers. Partnerships and Committees not registered with the Secretary of State office will need a trade name filing from their county recorder's office.

If you want to change ownership information at renewal time please finish the renewal with the current ownership listed. When you are finished please go to the Action List and submit an Ownership Update Application along with the license renewal.

### Owners:

| Name                                                  | Address                                | Percentage |                      |
|-------------------------------------------------------|----------------------------------------|------------|----------------------|
| Fred E Vitt Control Trust                             | Box 246, Boone, IA, 50036              | 10.87 %    | <a href="#">View</a> |
| Garrett S Piklapp                                     | 105 Iron Drive, Huxley, IA, 50124      | 0.00 %     | <a href="#">View</a> |
| Fareway Control Trust                                 | 715 8th Street, Boone, IA, 50036       | 55.88 %    | <a href="#">View</a> |
| Various Individuals & Trust each holding less than 5% | 123 Unknown Street, Unknown, IA, 55555 | 33.25 %    | <a href="#">View</a> |

1

|                 |                                         |                 |                                            |
|-----------------|-----------------------------------------|-----------------|--------------------------------------------|
| First Name:     | <input type="text"/>                    | Last Name:      | <input type="text"/>                       |
| Address:        | <input type="text"/>                    |                 |                                            |
| Address Line 2: | <input type="text"/>                    |                 |                                            |
| City:           | <input type="text"/>                    | State:          | <input type="text" value="Please Select"/> |
| Zip:            | <input type="text"/>                    |                 |                                            |
| Position:       | <input type="text"/>                    | SS#:            | <input type="text"/>                       |
| Date of Birth:  | <input type="text" value="MM/DD/YYYY"/> | % of Ownership: | <input type="text"/>                       |
|                 |                                         | U.S. Citizen:   | <input type="text" value="Please Select"/> |
| <b>Add</b>      |                                         |                 |                                            |

Please make sure you press "Add" after each owner's information is listed above before pushing the next button.

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## Criminal History LE0001567, Fareway Stores, Inc. #983, Grimes

After completion click on the NEXT link to continue to the next screen, or the BACK link to return to the previous screen.

The navigation links on the top may also be used to move around the application.

 ▾

Since this license was last issued, has anyone listed in the ownership screen been convicted of a felony offense in Iowa or any other state of the United States? If yes, list on the next (Violations) screen.

 ▾

Since the license was last issued, have any of the owners listed in the ownership screen been charged, arrested, indicted, convicted or received a deferred judgment for any violation of any state, county, city, federal or foreign law? All information shall be reported regardless of the disposition, even if dismissed or expunged. Include pending charges. DO NOT include traffic violations, except those that are alcohol related. If yes, list violations on the next (Violations) screen.

 ▾

If no arrests, indictments, summons or convictions are applicable since the license was last issued, select 'NONE'.

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Shade Tree Bids – (available Monday)





County of Polk  
**OFFICE OF ELECTIONS**

120 Second Avenue Suite A  
 Des Moines, Iowa 50309-4787  
 Main 515.286.3247 FAX 515.286.2099  
[election@polkcountyia.gov](mailto:election@polkcountyia.gov)

To: **LOSST Election Jurisdictions**

**Pursuant to Iowa Code 423B.7(b):**

*Costs of local option tax elections shall be apportioned among jurisdictions within the county voting on the question at the same election on a pro rata basis in proportion to the number of registered voters in each taxing jurisdiction and the total number of registered voters in all of the taxing jurisdictions.*

Total Registered Voters 59,211

District **Grimes (Polk)**

Registered Voters 8,936

Percentage of Total 15.09%

Cost of Election \$44,244.16

Total Amount Due \$6,677.22



County of Polk  
**OFFICE OF ELECTIONS**  
120 Second Avenue Suite A  
Des Moines, Iowa 50309-4787  
Main 515.286.3247 FAX 515.286.2099  
[election@polkcountyiowa.gov](mailto:election@polkcountyiowa.gov)

**TO:** City of Grimes - City Administrator  
101 NE Harvey Street  
Grimes, IA 50111

**FROM:** Jamie Fitzgerald, AUDITOR AND COMMISSIONER OF ELECTIONS

**RE:** Election Invoice  
2019 LOSST Election

**DATE:** 8/23/19

| ELECTION EXPENSES                                 | AMOUNT            |
|---------------------------------------------------|-------------------|
| PRINTING - BALLOTS/REGISTERS                      | \$2,527.27        |
| LEGAL PUBLICATIONS - SATELLITE/REGULAR            | \$185.50          |
| VOTING MACHINE - PREPARATION/MAINTENANCE/DELIVERY | \$271.65          |
| POLLING PRECINCT - RENTAL EXPENSES                | \$211.29          |
| MILEAGE REIMBURSEMENT - ELECTION DAY/SATELLITE    | \$270.74          |
| POSTAGE EXPENSES - ABSENTEE/ELECTION CARDS        | \$52.08           |
| TELEPHONE/MODEM EXPENSES                          | \$271.65          |
| ELECTION SUPPLIES/MAPS/TECHNOLOGY SERVICES        | \$196.18          |
| PAYROLL - PRECINCT OFFICIALS/TRAINING             | \$2,690.87        |
| <b>TOTAL ELECTION EXPENSES</b>                    | <b>\$6,677.22</b> |



# Central Pump & Motor, LLC

4467 E. 50th Street  
Suite 600  
Des Moines, IA 50317  
515-412-1738  
lisa@centralpumpiowa.com

NEW REMIT ADDRESS:  
PO BOX 2  
ALTOONA, IA 50009

## Invoice

| Date      | Invoice # |
|-----------|-----------|
| 8/23/2019 | 3676      |

### Bill To

City of Grimes  
101 Harvey Street  
Grimes, IA 50111

| P.O. No.  | Terms  | Due Date  | Project |
|-----------|--------|-----------|---------|
| Andy Wood | Net 30 | 9/22/2019 |         |

| Quantity                        | Description                                                                                                                                                                                                                                                                                                   | Rate         | Amount             |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|
|                                 | Repair of Clarifier # 3, completed on 8/23/19.<br>Parts required to complete the repair include, worm gear, worm gear shaft, driven sprocket assembly, pinion lower bearing, pinion upper bearing, worm gear thrust bearing, worm gear outboard bearing, lip seals, gasket kit, & shim kit.<br>Location: WWTP |              |                    |
| 1                               | Total includes parts, shop labor, field labor, travel and shipping.                                                                                                                                                                                                                                           | 13,242.60    | 13,242.60          |
| Thank you for this opportunity! |                                                                                                                                                                                                                                                                                                               | <b>Total</b> | <b>\$13,242.60</b> |





Central Pump & Motor, LLC

4467 E. 50th Street  
Suite 600  
Des Moines, IA 50317  
515-412-1738

[lisa@centralpumpiowa.com](mailto:lisa@centralpumpiowa.com)

REC'D SEP 04 2019

# Invoice

| Date      | Invoice # |
|-----------|-----------|
| 8/21/2019 | 3669      |

## Bill To

City of Grimes  
101 Harvey Street  
Grimes, IA 50111

| P.O. No.  | Terms  | Due Date  | Project |
|-----------|--------|-----------|---------|
| Andy Wood | Net 30 | 9/20/2019 |         |

| Quantity | Description                              | Rate         | Amount   |
|----------|------------------------------------------|--------------|----------|
| 3        | 13106005 Roots ISO 320 grade oil, gallon | 100.00       | 300.00   |
|          | Shipping                                 | 28.00        | 28.00    |
|          | Shipped direct from Pathfinder 8/21/19.  |              |          |
|          |                                          | <b>Total</b> | \$328.00 |

P.O. No. \_\_\_\_\_

25549

## CITY OF GRIMES

101 N. Harvey, Grimes, IA 50111 phone: 515-986-3036 fax: 515-986-3846

### PURCHASE REQUEST/PURCHASE ORDER

Source/Supplier Central Pump & Motor LLC  
Name

4467 E. 50th Street, Des Moines, IA 50317  
Address

515-412-1738  
Phone Number/Fax Number

| ITEMS               | QTY | UNIT PRICE | TOTAL     |
|---------------------|-----|------------|-----------|
| Oil                 | 1   | 328.00     | 328.00    |
| Repair Clarifier #3 | 1   | 13,242.60  | 13,242.60 |
|                     |     |            | 13,570.60 |

PURCHASE JUSTIFICATION: \_\_\_\_\_

610-815-6350

DEPARTMENT: Waste Water

LINE ITEM: \_\_\_\_\_

BEGINNING BUDGET BALANCE: \_\_\_\_\_

ENDING BUDGET BALANCE: \_\_\_\_\_

PURCHASE REQUESTED BY: A. Ward DATE: 9-3-2019

PURCHASE ORDER APPROVAL AND ASSIGNMENT

City Administrator

Date

Council Approval date: (if over \$5,000)

☐ Purchaser's Copy

☐ Vendor's Copy

☐ File Copy

**RESOLUTION 09-0419 APPROVING AND ADOPTING THE CITY OF GRIMES  
PERFORMANCE MANAGEMENT SYSTEM**

WHEREAS, the City of Grimes, Polk County, Iowa, engaged in a strategic planning process late 2018 for calendar year 2019;

WHEREAS, the City of Grimes Strategic Plan, "Management Actions" for 2019, identified both an "Employee Compensation Policy and Plan" and a "Performance Management System" as "High Priority;"

WHEREAS, the City Council recently adopted phase one of this process in this process with a comprehensive job classification and salary study, which resulted in defined pay ranges for City positions;

WHEREAS, the City Council has been presented with a comprehensive "Performance Management System," including a method and tools for employee evaluations and a system delineating how employees achieve pay adjustments through a combination of performance and cost of living metrics;

WHEREAS, the Human Resources Director has presented the Performance Management System to the City Council.

NOW, THEREFORE, be it resolved by the Grimes City Council that:

Section 1. The Human Resources Director's presentation is hereby accepted and adopted, implementing an employee evaluation and compensation adjustment as more fully set forth in the Performance Management System presented to the Council;



Section 2. The recommended policies, evaluation, and compensation matrix are hereby adopted as Phase Two of the City of Grimes Employee Compensation policy, which includes the Performance Management and Evaluation System;

Section 3. The recommended supervisor training materials are hereby approved and adopted, as more specifically reflected in Exhibit "A."

Section 4. The recommended evaluation tools are hereby approved and adopted, as more specifically reflected in Exhibit "B."

Section 5. The recommended compensation matrix is hereby approved and adopted, as more specifically reflected in Exhibit "C."

Section 6. Repealer. All resolutions or parts of resolutions in conflict with the provisions of this resolution are hereby repealed.

Section 7. Severability. If any section, provision, or part of this resolution, or the policies herein adopted are invalidated, such invalidation shall not affect the validity of the resolution and/or policies as a whole.

Section 8. The City Council recognizes that this resolution does not impose the proposed evaluation system and methodology to the Library Director or Library Employees, which, pursuant to Chapter 23 of the Grimes Code of Ordinances, are reserved to the exclusive authority of the Library Board of Trustees.

ATTEST:

---

Mayor Scott Mikkelsen

---

Rochelle Williams, City Clerk

## Rochelle Williams

---

**From:** Olivia DeYoung  
**Sent:** Thursday, September 05, 2019 7:56 AM  
**To:** Rochelle Williams  
**Subject:** FW: Shade Grimes Tree Bid  
**Attachments:** List of Nurseries updated August 2019.xlsx

RE: Tree bid- I've forwarded the notice I saw about the Shade event. This is what Brett sent out to Wes, Marcia and you and me. Is this what you wanted to review?

---

**From:** Brett Barber  
**Sent:** Wednesday, August 28, 2019 8:47 AM  
**To:** Marcia Woodke; Rochelle Williams  
**Cc:** Olivia DeYoung; Weston Wunder  
**Subject:** FW: Shade Grimes Tree Bid

We finally received our updated numbers from Ogles (low bid) for the Shade Grimes event and are ready to put this out for registration to the public. They were the only nursery that could get all the trees requested and still the lowest price (attached). Timing is crucial as we need to sell out of these as soon as we can to have them delivered by Oct. 9. Just need to know how to approve this so we can get this started.



**Brett Barber**  
Recreation and Facility Manager  
Work | 515.986.2143 Cell | 515.205.8881  
[www.grimesiowa.gov](http://www.grimesiowa.gov)

**From:** Michael [<mailto:oglemike@hotmail.com>]  
**Sent:** Tuesday, August 27, 2019 6:21 PM  
**To:** Brett Barber <[bbarber@grimesiowa.gov](mailto:bbarber@grimesiowa.gov)>  
**Subject:** Re: Shade Grimes Tree Bid

Sorry for the delay, I was waiting for a reply from some suppliers.  
Here is what's I can do.

|                                 |        |           |
|---------------------------------|--------|-----------|
| 10 shingle oak 7 gal grow bag.  | 71.00. | 710.00    |
| 15 swamp Oak 7 gal              | 69.00  | 1035.00   |
| 30 Norway spruce 5 gal growbag. | 52.00. | 1560.00   |
| 15 black gum 7 gal 5ft.         | 72.00. | 1080.00   |
| 20 serviceberry 5 gal.          | 69.00. | 1380.00   |
| 10 catalpa 7 gal growbag.       | 71.00. | 710.00    |
| 25 red maple(October Glory).    | 69.00. | 1725.00   |
| 25 tulip tree.                  | 69.00. | 1725.00   |
| Delivery                        |        | 75.00     |
| Total.                          |        | 10,000.00 |

Thanks for the order  
Mike





### Performance Based Pay Adjustment Matrix

| Existing Salary Position in Salary Range                          |                | LOWER FIFTH<br><br>Lowest salaries compared to market                                                            | LOWER MID | MIDPOINT<br><br>Median salaries compared to market                                                                        | UPPER MID | UPPER FIFTH<br><br>High salaries compared to market                                                     |
|-------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------|
| Performance Level:<br><br>Evaluation Score as a Percentage of Max | Upper Fifth    | Employees in this area receive the largest increases.<br><br>4%                                                  | 3.5%      | Employees in this area receive increases above the median.<br><br>3.0%                                                    | 2.5%      | Salaries in this area of the matrix are already high. Employees receive moderate increases.<br><br>2.0% |
|                                                                   | Upper Mid      |                                                                                                                  | 3.5%      | 3.0%                                                                                                                      | 2.5%      | 2.0%                                                                                                    |
|                                                                   | Midpoint       | Employees in this area receive median or slightly above<br><br>2.0%                                              | 2.0%      | Employees in this area receive the median increase.<br><br>2.0%                                                           | 1.5%      | 1.0%                                                                                                    |
|                                                                   | Lower Mid      |                                                                                                                  | 1.0%      | 1.0%                                                                                                                      | .75%      | 0.5%                                                                                                    |
|                                                                   | Lower Third    | Inexperienced performers: median or below<br><br>Experienced performers: below median or no increase.<br><br>.5% | .25%      | Inexperienced performers: median or below increase.<br><br>Experienced performers: below median or no increase.<br><br>0% | 0%        | Highly paid non performers. No increase.<br><br>0%                                                      |
|                                                                   | Non Performers |                                                                                                                  | 0.0%      | 0.0%                                                                                                                      | 0.0%      | 0.0%                                                                                                    |

**Performance Management Manual  
City of Grimes, Iowa**

**CITY OF  
GRIMES**



**FOR SUPERVISORS, MANAGERS, AND EMPLOYEES  
AUGUST 2019**

**MAY 2017**  
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## **Purpose**

This manual is designed to assist supervisors and managers in the performance management process. This manual is also freely available to all employees to gain more knowledge and understanding of the process.

This manual contains three parts:

1. Part 1 is for all supervisors to read. It explains the performance management process.
2. Part 2 includes the Grimes work rules and policies related to performance evaluation.
3. Part 3 includes the City of Grimes tools and techniques for performance management. First-time supervisors or experienced supervisors looking for a refresher should read this section.

Please remember that all information and tools mentioned in this manual may not apply to all positions in all situations. Certain positions and/or classifications may have mechanisms or tools peculiar to their position as the result of a labor contract or unique duties. Supervisors are encouraged to refer to this manual as a resource to assist with the process.

## **PART 1: The Performance Management System**

The City of Grimes' purpose is to provide exceptional service to the citizens of Grimes. In service of that purpose, the City invests in employees as the greatest assets for its success. All employees are valued and expected to deliver a high level of performance. The performance management system was created with the purpose of maximizing citizen service and employee performance and engagement.

This system constitutes a process of performance planning, ongoing feedback, and evaluating performance. To carry out these functions, forms are provided to guide the process. The Performance Evaluation form focuses on evaluation components that lead to an accurate assessment of performance, which translates directly into employee compensation. A Performance Improvement Plan form is provided for employees who fail to meet expectations so they have a clear path for success with the City.

### **Performance Evaluation System**

#### **Performance Evaluation Form:**

##### **Rating Scale:**

The three-point rating scale provides an easy and concise method for ratings to be assigned. The ratings are:

- 3 – Exceptional
- 2 – Successful
- 1 – Needs Improvement

The highest rating of “3” is for employees who are clearly exceeding job expectations.

A rating of “2” as successful encourages the employee and shows them that if they earn this rating they meet job expectations and are good performers. It should be emphasized that a rating of “2” means the employee is successful and meeting job expectations.

A rating of “1” indicates that the employee has not succeeded in performing the duties and responsibilities of the job. While supervisors may include written commentary for a score of “2” on the evaluation, written justification **must** be provided when giving scores of “1” or “3.”

A rating of “1,” for all but the newest employees, is a sign of a serious lack of alignment of the employee’s effort/skills and the City’s performance expectations. Two ratings of “1” means that an employee fails to meet the City’s performance expectations. An employee who receives two ratings of “1” must be put onto a performance improvement plan and is not entitled to a pay increase.

### **Strategic Job Responsibilities**

The five strategic job responsibilities are specific to each position and are derived from the job description and the City Council’s and management’s strategic objectives for the fiscal year.

### **Comment Boxes:**

A comment box is included for each individual rating on the form. Supervisors should make specific and meaningful comments to give feedback to employees.

### **Core Competencies:**

The six core competencies reflect the fundamental skills that are most important for Grimes employees to demonstrate. Additionally, the definitions of the competencies are part of the form so raters will not have to take time to refer to another form to find the definitions. Ratings are easier to designate with this information readily available.

### **The 3-Point Rating Scale**

Accurate ratings are the keystone of employee performance evaluations. The rating scale and how the raters understand it plays a crucial role in this process. Various rating scales can be used, but any scale with more than three increments creates unnecessary complexity that leads to misinterpretations of the rating scale. This complexity creates challenges for the rater that may include:

- inability to differentiate between ratings
- increased rater subjectivity errors
- diminished accuracy and integrity of rating process

The 3-point scale helps mitigate these rater challenges and create an accurate, honest, and realistic assessment of performance. When paired with measurable performance indicators, the three levels give a clear metric of not meeting, being successful, or exceeding expectations.

## The Performance Management Process



### Performance Management Generally

#### Definition and Expectations:

Performance management is best conceived as an ongoing process. The City has developed a strategic planning process and clear job descriptions to help employees understand broad organizational objectives.

Each employee's strategic job responsibilities are intended to be developed at the beginning of the rating period. The purpose is to provide direction to employees, and it should serve as a guide for performance. It is a dialogue between a supervisor and an employee to:

- establish and agree upon performance expectations and goals
- clarify what the employee will be evaluated on
- set the stage for ongoing feedback and coaching throughout the year

#### Performance Evaluation Form:

It is important to have a justifiable assessment of performance. The Performance Evaluation form allows us to meet that goal. Performance is evaluated using a three-point scale. The rating definitions are:

- 3 – Exceptional: Performance exceeds the performance standards of the position.
- 2 – Successful: Performance meets the performance standards of the position.
- 1 – Needs Improvement: Performance fails to meet the performance standards of the position.

Employees are rated on how successful they were at performing their strategic job responsibilities, how well they engaged in core competencies, and if they met an acceptable level of performance for the expected job behaviors.

The strategic job responsibilities should be thought of as what is expected of employees on the job, and the core competencies can be thought of as "how" they go about performing their jobs. The expected job behaviors include attendance, following policy, and work hours. These are



required behaviors and employees must meet an acceptable level to avoid corrective or disciplinary action, to qualify for a step or pay increase, or to pass probationary/work test/targeting status.

An average rating is calculated for the major job responsibilities (A) and an average rating will be calculated for the core competencies (B). To qualify for a pay increase, all of the following conditions must be met:

- Section A must have an overall (average) rating of “2.0” or greater.
- Section B must have an overall (average) rating of “2.0” or greater.
- Section C - all three items must be rated as “acceptable.”

**The End-Result of the Evaluation Period:**

The result of a successful evaluation process is that the supervisor and the employee feel that the outcome has been objective, using objective criteria related to the position requirements, and that you both have had the opportunity to respond to the assessment. While this will not always mean that the employee agrees fully with the results of the performance review, the employee should be able to leave the performance evaluation meeting with the belief that the evaluation process has been communicated adequately and fairly.

The completed evaluation form is maintained in the employee's regular file in City's Human Resources Office. The employee should receive a copy of the completed form with the designated signatures.

## **PART 2: Grimes Performance Evaluation Policies**

The following are the City's policies on performance evaluation. Following that are policies on the relationship of evaluations to pay increases and advancement.

### **Policy:**

Each employee's job performance shall be evaluated on an annual basis, and additional evaluations may be done when necessary. The requirements of the position constitute the standards of performance or the basis upon which supervisors will rate the efficiency of employees. The standard of performance against which observed performance is compared shall be the performance that may be expected after the employee's probationary period and a reasonable period of training of a fully qualified, competent and acceptable employee.

### **Purpose:**

Performance evaluations are used to give employees feedback on their job performance, to help them improve future performance and to document performance for the following purposes:

- to complete the probationary period or work test
- to determine whether or not the employee qualifies for a pay increase
- to determine eligibility for promotions and advancement
- to determine reemployment eligibility
- to facilitate other HR decisions that may be influenced by employee performance

### **Types and Frequency of Evaluations:**

1. Probationary/Work Test - An employee is evaluated in the last month of the probationary period. Employees in this status may be evaluated more than once during the six-month period and be given clear opportunities to reach an acceptable standard. This will not apply in the event of major disciplinary violations.
2. Annual - Each employee is evaluated within the first quarter of each calendar year after his/her full year of initial hire, promotion, or demotion, to his/her present position, whichever date is more recent or the adjusted date in case of re-employment or a break in service. This is to be done even if there is no possibility for a raise.
3. Change of Rater - An employee whose rater changes may be given an evaluation by the out-going rater to cover the period of time since the employee's last evaluation.

### **Appeal of the Performance Evaluation:**

The employee shall sign the evaluation after it is discussed. The employee's signature documents that the evaluation has been discussed and does not reflect the employee's satisfaction or dissatisfaction with the evaluation. Additionally, the employee may indicate agreement or disagreement with ratings on the evaluation form when it is discussed. If the employee feels that this is insufficient he/she may attach a separate statement to the evaluation form. The written statement is maintained with the evaluation form in the employee's departmental personnel file, as well as in the Human Resources department.

An employee can appeal a performance evaluation based on the following grounds:

- The procedures for completing the evaluation were not complied with.
- Below standard ratings were given without explanation.
- The performance evaluation prevents the employee from receiving a raise. In this case, the employee should be prepared to substantiate the ratings believed to be appropriate.
- The employee was rated as not meeting expectations on a section.

**Appeal Procedure:**

An appeal filed on the above grounds begins with the rater. The employee should discuss the issue with the rater and request adjustment to the ratings. If the rater believes the initial ratings were correct and does not believe a change is needed, the employee may request that the reviewer consider the desired changes. If the reviewer upholds the original rating, the employee can appeal to the Human Resources Director who has the final decision. If changes are made at any time in the process, they shall be in writing and initialed by all parties involved with a copy given to the employee. All aspects of the appeal are handled within the City, as people in outside organizations would have no effective way of accurately assessing the employee's performance.

**Appeal Limitations:**

An employee may not appeal an evaluation simply because he/she disagrees with particular ratings. Employees may indicate agreement or disagreement with ratings on the evaluation form when it is discussed. Employees that feel this is insufficient may attach a separate statement to the evaluation.

**Relationship of Evaluation to Pay Increases**

1. Pay Increase: To be eligible for a pay increase or promotion/upgrade, an employee must have attained an acceptable rating on the most recent evaluation.
2. Pay Raise Matrix and Market Calibration: Each employee's compensation is based on a pay range. Raises are determined based on a combination of two things: first, a market calibration based on the City's peers as identified in the City's compensation resolution and, second, the ratings given on the employee's performance evaluation.

The first step is market calibration. On an annual basis, the Human Resources Director shall survey those metro peers identified by the City Council in the City's compensation resolution. Adjustments shall be made to employee compensation to reflect each employee's salary in the new pay range as a percentage of the new pay range maximum at the same percentage of maximum the employee occupies in the existing range. The employee's aggregate score on the employee's shall be plotted in the Performance Based Pay Adjustment Matrix along the vertical axis, along with the employee's position in the pay range as the percentage of max along the horizontal axis. The resulting corresponding percentage increase will be calculated based on the employee's pay *prior* to the market calibration.



3. Delayed Pay Increases: A delay of increase will be based on the employee's last evaluation. The employee must be notified in writing at the time of the evaluation that his/her raise will be delayed. A raise can only be delayed if the employee does not receive an acceptable evaluation. The employee will be reevaluated three months after the evaluation date. If the employee's performance has improved to a level considered to be acceptable, a raise may be reconsidered at that time. If at the end of the three months, the employee's performance has not improved to an acceptable level, the City shall take appropriate action. Employees who fail their three-month re-evaluation are not eligible for a pay adjustment for a period of one year from the time the original adjustment would have been due.

## **PART 3: Effective Performance Management Practices**

### **Introduction to Performance Management**

The underlying principles of an effective performance management system include:

#### **Principles:**

- Performance management is a shared commitment to high performance. Performance management balances autonomy and accountability at the individual and organizational levels.
- Effective performance and ongoing learning should be encouraged and supported.
- Effective performance management should be in alignment with organizational values throughout the department.
- Performance management should be based on clearly identified core competencies and job responsibilities for all employees.

#### **What Employees Need for Success:**

- Employees need to know what supervisors expect them to do, when, and how well.
- Employees need regular, specific feedback on their performance. They need to know where they are excelling and where they could improve.
- Employees need to understand how their work fits in with the work of others, the goals of their department, and the overall mission and purpose the organization. This aspect is of key importance because it is motivating to feel part of a larger purpose and to have sense of contributing to achieve that purpose.
- Employees need to play an active role in defining and redefining their job. First, it is motivating to do so. Second, employees, particularly experienced ones, know their job better than anyone else and often know best how to remove any barriers to their success.
- Employees need to know their levels of authority. When they know what decisions they can make on their own, what decisions need to involve others, and what decisions are reserved for leadership, they can operate with greater confidence. This knowledge also speeds up processes.
- Employees need to have opportunities to develop their skills and grow. An employee who is learning new things and applying them is more likely to be retained and more likely to be motivated.

#### **Components of Best Practices Performance Management:**

1. **Performance Planning:** A dialogue between a supervisor and an employee to establish clear, specific performance expectations and to set goals at the beginning of the performance cycle.
2. **Observation & Documentation:** Monitor and appropriately document performance to assist in performance coaching, feedback, and evaluation.

3. **Feedback & Coaching:** Two-way discussions which focus on providing information on performance, recognizing employee excellence and areas for improvement and learning, as well as identifying barriers to performance.
4. **Performance Evaluation** A summative two-way discussion and written documentation focusing on the employee's performance.

### **Effective Observation and Documentation of Performance**

Performance management is a year-round process which means meetings should be held with employees throughout the year to discuss and reassess the employee's progress toward achieving goals and performance objectives.

Listed below are some of the tools that can be used to capture performance.

#### **Observation:**

It is recommended that managers observe their employees with the intent of documenting behaviors related to performance. Here are some examples of things to look for:

- **Trends in performance**
  - Is it steadily improving or declining?
  - Does the individual have "peaks and valleys" – spurts of excellent performance followed by extended periods of mediocre performance?
- **Critical Incidents**
  - Outstanding successes or failures
  - Performance events that stand out from typical behavior

#### **Documentation:**

Supervisors should document performance for each employee throughout the year. This may consist of keeping a log of task/project outcomes, behaviors, etc., and whether or not these things are positive or negative. Documenting performance regularly will help create a cohesive story of each employee's performance helping supervisors to accurately evaluate performance at the end of the rating period. Below are some ways performance could be documented.

### **Effectively Conducting a Performance Evaluation**

Performance evaluations succeed under the following conditions:

- The supervisor takes on the role of helper and problem solver, rather than only an evaluator.
- The employee is actively involved in the partnership and engaged in realistic self-evaluation.
- The supervisor uses appropriate interpersonal skills to involve the employee.
- The employee understands what to expect, in terms of content and process, before walking in the door for the evaluation meeting.



- The supervisor treats the evaluation meeting as important, something that should not be delayed and rescheduled.
- Both parties understand the purpose of performance evaluation and that it is not to punish, but to improve performance so everyone wins.

### **Context Awareness:**

Aside from the employee's own ability and behaviors, it is important to be aware of other factors that affect performance. If supervisors focus solely on employee performance and do not look at context or conditions that limit performance, then efforts at ongoing improvement fail.

Supervisors need to recognize that individual performance is not completely (or even mostly) under the control of the employee. Job performance is influenced by multiple factors, which may include individual effort and skill, decisions of others, resource availability, and work systems and processes

### **Filling out the Form:**

When filling out the form, supervisors should refer to notes and documentation of performance they have kept throughout the rating period. If performance is properly documented then supervisors should easily be able review behaviors and key points to make an assessment of the employee. It is important to make assessments based on behaviors employees actually engaged in or concrete examples rather than making subjective judgments or comparing to the performance of other employees. Additionally, supervisors should make sure that they completely understand the form before using it to make an evaluation. It is recommended to review the performance management guidelines before making any evaluations for the year. This will help ensure the right mindset for the rating process.

The following actions may be taken to help you in making a successful evaluation:

- Collect information from the employee by having them fill out a self-evaluation.
- Gather and review the performance documentation you made throughout the rating period.
- Review the major job responsibilities and goals that were determined at the beginning of the rating period and start to match documented events to each one.
- Solicit information from the employees' coworkers, team members, co-supervisor or others they may have interacted with throughout the rating period.

### **Providing Comments on the Evaluation Form:**

It is important to write specific comments supporting the performance factors. Vague, general, or judgmental comments will not be of any value to the employee. Also, statements should be written using third person. Below are examples of how to provide appropriate feedback in the comment sections.

### **Effectively Conducting the Performance Evaluation Meeting**

Performance evaluations are most productive when they are collaborative, both people are prepared ahead of time, and there have been discussions about performance throughout the year. The performance evaluation meeting should be a two-way conversation.

### **Setting the Tone:**

**Be prepared** – know the objectives and goals of the meeting.

**Time and place** – choose a quiet, private spot with limited interruptions.

Supervisors should put the employee at ease by acknowledging that these sessions can cause anxiety but the purpose is to improve performance and to gather information on how to help in these efforts. Supervisors should approach the employee they are evaluating as a partner rather than a judge. Tell the employee that the performance evaluation meeting is a two-way discussion, not one-way.

Maintain a positive focus. If an employee's overall performance is satisfactory, focus on the factors that led to that success. If an employee's overall performance is not satisfactory, focus on problem-solving rather than point out faults.

## **PART 4: Forms**

The Performance Evaluation and Performance Improvement Plan forms are intended to guide managers, supervisors and employees through the evaluation process.

**Resolution #09-0519 “A Resolution Approving Personnel Transactions”**

WHEREAS, the City Administrator recommends and has previously approved the following hires and additions to the payroll.

NOW THEREFORE, be it resolved by the City Council of the City of Grimes, Iowa that:

**Section 1.** That the following positions have been filled as a result of positions previously approved by the Council:

Douglas Kamm – Building Inspector, \$54,000 salary per year;  
Randi R. McGregor – part-time Parks & Recreation, \$9.50 per hour;  
Nathan Gettys – Public Works Street Tech I, \$18.57 per hour; and  
Austin Tieg – Public Works Street Tech I, \$18.57 per hour.

**Section 2.** That the job descriptions have been previously approved by the Council.

**Section 3.** That the pay for each employee shall be pursuant to the compensation system previously adopted by the council.

**Section 4.** All new hires are subject to a standard probationary period that shall be no less than 90 days but may be extended for a longer period as determined by the City Administrator.

PASSED AND APPROVED this 10th Day of September, 2019.

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Mayor Scott Mikkelsen

ATTEST:

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Rochelle Williams, City Clerk



101 NE Harvey Street,  
Grimes, Iowa 50111  
Tel: 515.986.3036  
Fax: 515.986.3846



Date: September 6, 2019  
To: City Council  
Re: Agenda Memo re: Senior Engineering Tech, Item No. \_\_\_\_  
Council Meeting, September 10, 2019

**AGENDA HEADING:**

Approval to move forward with hiring a Senior Engineering Tech

**SYNOPSIS:**

The City recently hired City Engineer Matt Ahrens who joined the second week of July. The City is currently transferring eight public projects from former City Engineer Fox Engineering, and there is a significant amount of work, primarily through supervision and inspection of public infrastructure construction, that the City must now either (a) actively take on and perform or (b) supervise alternative consultants hired to do the work. The work to be done includes taking five seats on various active intergovernmental agencies, all stormwater enforcement for the City, six active private projects, and ongoing management of consultants performing technical review for ongoing development submissions.

A Senior Engineering Tech will help ease the burdens on the City Engineer and help him track and manage all functions of the City Engineer's office, particularly as it relates to significant ongoing infrastructure and development projects.

**FISCAL IMPACT:**

The Development Services Department has approximately \$473,000 in funds set aside in the Engineering budget, which was planned to cover the City's transition away from Fox Engineering, both in funds for engaging alternative consultants to cover work or transitioning work directly to City staff.

The pay for the position will be coded to this Engineering budget in Development Services. The anticipated hiring salary will be between \$66,769 - \$87,472/year.

**PREVIOUS COUNCIL ACTION(S):**

N/A

**BOARD/COMMISSION ACTION(S):**

N/A

**STAFF/COMMITTEE RECOMMENDATION:**

Staff recommends approval.

**RESOLUTION 09-0719- APPROVING JOB DESCRIPTION AND CREATING NEW  
POSITION OF SENIOR ENGINEERING TECHNICIAN**

WHEREAS, the City of Grimes, Polk County, Iowa, is a duly organized Municipal Corporation; and

WHEREAS, the City has recently hired a City Engineer to take over and manage the City's expanding engineering needs;

WHEREAS, the City Engineer has recommended a position be created for a Senior Engineering Technician to help the City Engineer monitor and manage the City's engineering;

WHEREAS, the City Council finds this position appropriate and justified in light of the City's engineering needs; and

WHEREAS, City Staff has presented the Council with the job description and pay range.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Grimes, Iowa, that it hereby approves the job description and pay range for the Senior Engineering Technician.

PASSED AND APPROVED this 10th day of September, 2019.

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Mayor Scott Mikkelsen

ATTEST:

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Rochelle Williams, City Clerk



# Contractor's Application for Payment No. 7

| Approved Change Order Summary: |               |            |            |
|--------------------------------|---------------|------------|------------|
| No.                            | Date Approved | Additions  | Deductions |
| 1                              | 6/24/2019     | \$3,788.50 |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
| TOTALS                         |               | \$3,788.50 |            |
| NET CHANGE BY CHANGE ORDERS    |               |            | \$3,788.50 |

**Contractor's Certification**

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: Wendy Jefferson Date: 8-05-19

Is approved by: \_\_\_\_\_ (Owner) \_\_\_\_\_ (Date)

EJCDC C-620 Contractor's Application for Payment  
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## Progress Estimate

## Contractor's Application

| For (contract): |              | SE 37th Street at HWY 141 Improvements                                                        |              |       |      |              | DOT Proj. No.: STBG-SWAP-3125(614)--SG-77 |                              |              |                                    |                                            | Application Number: 7       |                           |  |
|-----------------|--------------|-----------------------------------------------------------------------------------------------|--------------|-------|------|--------------|-------------------------------------------|------------------------------|--------------|------------------------------------|--------------------------------------------|-----------------------------|---------------------------|--|
| Contractor:     |              | Concrete Technologies, Inc.                                                                   |              |       |      |              | Engineer's Proj. No.: 1005-17A            |                              |              |                                    |                                            | Application Date: 8/13/2019 |                           |  |
| A               |              |                                                                                               | B            |       |      |              | C                                         | D                            | E            | F                                  |                                            | G                           |                           |  |
| Item            |              |                                                                                               | Bid Quantity | CO 01 | Unit | Unit Price   | Bid Value                                 | Estimated Quantity Installed | Value        | Materials Presently Stored (not in | Total Completed and Stored to Date (D + E) | % (F / B)                   | Balance to Finish (B - F) |  |
| Bid Item No.    | Item Code    | Description                                                                                   |              |       |      |              |                                           |                              |              |                                    |                                            |                             |                           |  |
| 1               | 2101-0850002 | CLEARING AND GRUBBING                                                                         | 27.6         |       | UNIT | \$ 300.00    | \$ 8,280.00                               |                              |              |                                    |                                            |                             | \$8,280.00                |  |
| 2               | 2102-2710070 | EXCAVATION, CLASS 10, ROADWAY AND BORROW                                                      | 8837.0       |       | CY   | \$ 18.75     | \$ 165,693.75                             | 4555.0                       | \$85,406.25  |                                    | \$85,406.25                                | 51.5%                       | \$60,287.50               |  |
| 3               | 2105-8425015 | TOPSOIL, STRIP, SALVAGE AND SPREAD                                                            | 5197.0       |       | CY   | \$ 18.75     | \$ 97,443.75                              | 330.77                       | \$6,201.94   |                                    | \$6,201.94                                 | 6.4%                        | \$91,241.81               |  |
| 4               | 2109-8225100 | SPECIAL COMPACTION OF SUBGRADE                                                                | 47.6         |       | STA  | \$ 1,500.00  | \$ 71,400.00                              | 27.79                        | \$41,685.00  |                                    | \$41,685.00                                | 58.4%                       | \$29,715.00               |  |
| 5               | 2110-3825010 | GRANULAR MATERIAL                                                                             | 500.0        |       | TON  | \$ 30.00     | \$ 15,000.00                              | 347.36                       | \$10,420.80  |                                    | \$10,420.80                                | 69.5%                       | \$4,579.20                |  |
| 6               | 2115-0100000 | MODIFIED SUBBASE                                                                              | 4982.0       |       | CY   | \$ 62.50     | \$ 311,375.00                             | 1867.08                      | \$116,692.50 |                                    | \$116,692.50                               | 37.5%                       | \$194,682.50              |  |
| 7               | 2121-7425010 | GRANULAR SHOULDERS, TYPE A                                                                    | 261.8        |       | TON  | \$ 37.50     | \$ 9,817.50                               | 107.85                       | \$4,044.38   |                                    | \$4,044.38                                 | 41.2%                       | \$5,773.13                |  |
| 8               | 2123-7450020 | SHOULDER FINISHING, EARTH                                                                     | 73.2         |       | STA  | \$ 225.00    | \$ 16,470.00                              |                              |              |                                    |                                            |                             | \$16,470.00               |  |
| 9               | 2213-7100400 | RELOCATION OF MAIL BOXES                                                                      | 6.0          |       | EACH | \$ 600.00    | \$ 3,600.00                               | 5                            | \$3,000.00   |                                    | \$3,000.00                                 | 83.3%                       | \$600.00                  |  |
| 10              | 2214-5145150 | PAVEMENT SCARIFICATION                                                                        | 441.0        |       | SY   | \$ 10.50     | \$ 4,630.50                               |                              |              |                                    |                                            |                             | \$4,630.50                |  |
| 11              | 2301-1033080 | STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN.   | 1131.0       |       | SY   | \$ 95.00     | \$ 107,445.00                             | 1007.35                      | \$95,698.25  |                                    | \$95,698.25                                | 89.1%                       | \$11,746.75               |  |
| 12              | 2301-1033095 | STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 9.5 IN. | 26851.0      | 43.0  | SY   | \$ 69.50     | \$ 1,869,133.00                           | 8862.16                      | \$615,920.12 |                                    | \$615,920.12                               | 33.0%                       | \$1,253,212.88            |  |
| 13              | 2301-4875006 | MEDIAN, P.C. CONCRETE, 6 IN.                                                                  | 451.8        |       | SY   | \$ 100.00    | \$ 45,180.00                              | 26                           | \$2,600.00   |                                    | \$2,600.00                                 | 5.8%                        | \$42,580.00               |  |
| 14              | 2301-6911722 | PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES                                                     | 1.0          |       | LS   | \$ 5,000.00  | \$ 5,000.00                               |                              |              |                                    |                                            |                             | \$5,000.00                |  |
| 15              | 2303-1041750 | HOT MIX ASPHALT HIGH TRAFFIC, BASE COURSE, 3/4 IN. MIX                                        | 295.3        |       | TON  | \$ 120.00    | \$ 35,436.00                              |                              |              |                                    |                                            |                             | \$35,436.00               |  |
| 16              | 2303-1042500 | HOT MIX ASPHALT HIGH TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX                                | 154.4        |       | TON  | \$ 120.00    | \$ 18,528.00                              |                              |              |                                    |                                            |                             | \$18,528.00               |  |
| 17              | 2303-1043500 | HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT    | 443.9        |       | TON  | \$ 105.00    | \$ 46,609.50                              |                              |              |                                    |                                            |                             | \$46,609.50               |  |
| 18              | 2303-1258283 | ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC                                                   | 12.0         |       | TON  | \$ 650.00    | \$ 7,800.00                               |                              |              |                                    |                                            |                             | \$7,800.00                |  |
| 19              | 2303-1258284 | ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC                                                       | 38.8         |       | TON  | \$ 725.00    | \$ 28,130.00                              |                              |              |                                    |                                            |                             | \$28,130.00               |  |
| 20              | 2304-0101000 | TEMPORARY PAVEMENT                                                                            | 1076.0       |       | SY   | \$ 65.00     | \$ 69,940.00                              | 1419.83                      | \$92,288.95  |                                    | \$92,288.95                                | 132.0%                      | -\$22,348.95              |  |
| 21              | 2401-6745650 | REMOVAL OF EXISTING STRUCTURES                                                                | 1.0          |       | LS   | \$ 15,000.00 | \$ 15,000.00                              | 0.2                          | \$3,000.00   |                                    | \$3,000.00                                 | 20.0%                       | \$12,000.00               |  |
| 22              | 2401-6745910 | REMOVAL OF SIGN                                                                               | 6.0          |       | EACH | \$ 65.00     | \$ 390.00                                 | 2                            | \$130.00     |                                    | \$130.00                                   | 33.3%                       | \$260.00                  |  |
| 23              | 2416-0100015 | APRON, CONC, 15 IN. DIA.                                                                      | 2.0          |       | EACH | \$ 1,500.00  | \$ 3,000.00                               | 2                            | \$3,000.00   |                                    | \$3,000.00                                 | 100.0%                      |                           |  |
| 24              | 2416-0100024 | APRON, CONC, 24 IN. DIA.                                                                      | 1.0          |       | EACH | \$ 2,000.00  | \$ 2,000.00                               | 1                            | \$2,000.00   |                                    | \$2,000.00                                 | 100.0%                      |                           |  |
| 25              | 2431-0000100 | SEGMENTAL BLOCK RETAINING WALL                                                                | 3585.0       |       | SF   | \$ 45.25     | \$ 162,221.25                             | 1575                         | \$71,268.75  |                                    | \$71,268.75                                | 43.9%                       | \$90,952.50               |  |
| 26              | 2435-0250100 | INTAKE, SW-501                                                                                | 3.0          |       | EACH | \$ 6,250.00  | \$ 18,750.00                              | 2                            | \$12,500.00  |                                    | \$12,500.00                                | 66.7%                       | \$6,250.00                |  |
| 27              | 2435-0250500 | INTAKE, SW-505                                                                                | 15.0         |       | EACH | \$ 6,900.00  | \$ 103,500.00                             | 6                            | \$41,400.00  |                                    | \$41,400.00                                | 40.0%                       | \$62,100.00               |  |
| 28              | 2435-0250600 | INTAKE, SW-506                                                                                | 2.0          |       | EACH | \$ 11,300.00 | \$ 22,600.00                              | 2                            | \$22,600.00  |                                    | \$22,600.00                                | 100.0%                      |                           |  |
| 29              | 2435-0250700 | INTAKE, SW-507                                                                                | 1.0          |       | EACH | \$ 5,000.00  | \$ 5,000.00                               | 1                            | \$5,000.00   |                                    | \$5,000.00                                 | 100.0%                      |                           |  |
| 30              | 2435-0250900 | INTAKE, SW-509                                                                                | 5.0          |       | EACH | \$ 9,375.00  | \$ 46,875.00                              | 3                            | \$28,125.00  |                                    | \$28,125.00                                | 60.0%                       | \$18,750.00               |  |

## Progress Estimate

## Contractor's Application

| For (contract): SE 37th Street at HWY 141 Improvements |              |                                                                                               | DOT Proj. No.: STBG-SWAP-3125(614)--SG-77 |       |      |               |               |                              |              | Application Number: 7               |                                            |           |                           |
|--------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------|-------------------------------------------|-------|------|---------------|---------------|------------------------------|--------------|-------------------------------------|--------------------------------------------|-----------|---------------------------|
| Contractor: Concrete Technologies, Inc.                |              |                                                                                               | Engineer's Proj. No.: 1005-17A            |       |      |               |               |                              |              | Application Date: 8/13/2019         |                                            |           |                           |
| A                                                      |              |                                                                                               | B                                         |       |      |               | C             | D                            | E            | F                                   |                                            | G         |                           |
| Item                                                   |              |                                                                                               | Bid Quantity                              | CO 01 | Unit | Unit Price    | Bid Value     | Estimated Quantity Installed | Value        | Materials Presently Stored (not in) | Total Completed and Stored to Date (D + E) | % (F / B) | Balance to Finish (B - F) |
| Bid Item No.                                           | Item Code    | Description                                                                                   |                                           |       |      |               |               |                              |              |                                     |                                            |           |                           |
| 31                                                     | 2435-0251224 | INTAKE, SW-512, 24 IN.                                                                        | 1.0                                       |       | EACH | \$ 2,875.00   | \$ 2,875.00   | 1                            | \$2,875.00   |                                     | \$2,875.00                                 | 100.0%    |                           |
| 32                                                     | 2435-0600010 | MANHOLE ADJUSTMENT, MINOR                                                                     | 6.0                                       |       | EACH | \$ 1,250.00   | \$ 7,500.00   | 2                            | \$2,500.00   |                                     | \$2,500.00                                 | 33.3%     | \$5,000.00                |
| 33                                                     | 2502-8212204 | SUBDRAIN, PERFORATED PLASTIC PIPE, 4 IN. DIA.                                                 | 2022.0                                    |       | LF   | \$ 18.75      | \$ 37,912.50  | 515                          | \$9,656.25   |                                     | \$9,656.25                                 | 25.5%     | \$28,256.25               |
| 34                                                     | 2502-8212208 | SUBDRAIN, PERFORATED PLASTIC PIPE, 8 IN. DIA.                                                 | 315.0                                     |       | LF   | \$ 22.50      | \$ 7,087.50   |                              |              |                                     |                                            |           | \$7,087.50                |
| 35                                                     | 2502-8221006 | SUBDRAIN RISER, 6 IN., AS PER PLAN                                                            | 6.0                                       |       | EACH | \$ 690.00     | \$ 4,140.00   |                              |              |                                     |                                            |           | \$4,140.00                |
| 36                                                     | 2502-8221303 | SUBDRAIN OUTLET, DR-303                                                                       | 8.0                                       |       | EACH | \$ 250.00     | \$ 2,000.00   | 1                            | \$250.00     |                                     | \$250.00                                   | 12.5%     | \$1,750.00                |
| 37                                                     | 2502-8225010 | SUBDRAIN OUTLET, 500-10                                                                       | 2.0                                       |       | EACH | \$ 470.00     | \$ 940.00     | 2                            | \$940.00     |                                     | \$940.00                                   | 100.0%    |                           |
| 38                                                     | 2503-0114212 | STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN. | 2.0                                       |       | LF   | \$ 563.00     | \$ 1,126.00   | 2                            | \$1,126.00   |                                     | \$1,126.00                                 | 100.0%    |                           |
| 39                                                     | 2503-0114215 | STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN. | 285.0                                     |       | LF   | \$ 100.00     | \$ 28,500.00  | 45                           | \$4,500.00   |                                     | \$4,500.00                                 | 15.8%     | \$24,000.00               |
| 40                                                     | 2503-0114218 | STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN. | 184.0                                     |       | LF   | \$ 106.50     | \$ 19,596.00  | 192                          | \$20,448.00  |                                     | \$20,448.00                                | 104.3%    | -\$852.00                 |
| 41                                                     | 2503-0114224 | STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN. | 242.0                                     |       | LF   | \$ 120.00     | \$ 29,040.00  | 133                          | \$15,960.00  |                                     | \$15,960.00                                | 55.0%     | \$13,080.00               |
| 42                                                     | 2503-0200036 | REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.                                          | 1074.0                                    |       | LF   | \$ 37.50      | \$ 40,275.00  | 642                          | \$24,075.00  |                                     | \$24,075.00                                | 59.8%     | \$16,200.00               |
| 43                                                     | 2507-3250005 | ENGINEERING FABRIC                                                                            | 112.0                                     |       | SY   | \$ 6.25       | \$ 700.00     |                              |              |                                     |                                            |           | \$700.00                  |
| 44                                                     | 2507-8029000 | EROSION STONE                                                                                 | 22.0                                      |       | TON  | \$ 75.00      | \$ 1,650.00   |                              |              |                                     |                                            |           | \$1,650.00                |
| 45                                                     | 2510-6745850 | REMOVAL OF PAVEMENT                                                                           | 13604.0                                   |       | SY   | \$ 11.75      | \$ 159,847.00 | 4143.95                      | \$48,691.41  |                                     | \$48,691.41                                | 30.5%     | \$111,155.59              |
| 46                                                     | 2511-6745900 | REMOVAL OF SIDEWALK                                                                           | 23.0                                      |       | SY   | \$ 10.00      | \$ 230.00     |                              |              |                                     |                                            |           | \$230.00                  |
| 47                                                     | 2515-2475007 | DRIVEWAY, P.C. CONCRETE, 7 IN.                                                                | 1384.0                                    |       | SY   | \$ 75.00      | \$ 103,800.00 |                              |              |                                     |                                            |           | \$103,800.00              |
| 48                                                     | 2518-6910000 | SAFETY CLOSURE                                                                                | 31.0                                      |       | EACH | \$ 125.00     | \$ 3,875.00   |                              |              |                                     |                                            |           | \$3,875.00                |
| 49                                                     | 2524-6765010 | REMOVE AND REINSTALL SIGN AS PER PLAN                                                         | 2.0                                       |       | EACH | \$ 190.00     | \$ 380.00     | 2                            | \$380.00     |                                     | \$380.00                                   | 100.0%    |                           |
| 50                                                     | 2525-0000100 | TRAFFIC SIGNALIZATION                                                                         | 1.0                                       |       | LS   | \$ 392,000.00 | \$ 392,000.00 |                              |              |                                     |                                            |           | \$392,000.00              |
| 51                                                     | 2527-9263109 | PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED                                         | 177.2                                     |       | STA  | \$ 40.00      | \$ 7,088.00   |                              |              |                                     |                                            |           | \$7,088.00                |
| 52                                                     | 2527-9263118 | PAINTED PAVEMENT MARKINGS, TEMPORARY                                                          | 152.2                                     |       | STA  | \$ 165.00     | \$ 25,113.00  | 68.3                         | \$11,269.50  |                                     | \$11,269.50                                | 44.9%     | \$13,843.50               |
| 53                                                     | 2527-9263137 | PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED                                      | 13.0                                      |       | EACH | \$ 108.00     | \$ 1,404.00   |                              |              |                                     |                                            |           | \$1,404.00                |
| 54                                                     | 2527-9263180 | PAVEMENT MARKINGS REMOVED                                                                     | 13.1                                      |       | STA  | \$ 69.00      | \$ 903.90     | 25.82                        | \$1,781.58   |                                     | \$1,781.58                                 | 197.1%    | -\$877.60                 |
| 55                                                     | 2527-9270111 | GROOVES CUT FOR PAVEMENT MARKINGS                                                             | 127.4                                     |       | STA  | \$ 45.00      | \$ 5,733.00   |                              |              |                                     |                                            |           | \$5,733.00                |
| 56                                                     | 2527-9270120 | GROOVES CUT FOR SYMBOLS AND LEGENDS                                                           | 12.0                                      |       | EACH | \$ 125.00     | \$ 1,500.00   |                              |              |                                     |                                            |           | \$1,500.00                |
| 57                                                     | 2528-8445110 | TRAFFIC CONTROL                                                                               | 1.0                                       |       | LS   | \$ 200,000.00 | \$ 200,000.00 | 0.5                          | \$100,000.00 |                                     | \$100,000.00                               | 50.0%     | \$100,000.00              |
| 58                                                     | 2528-8445113 | FLAGGERS                                                                                      | 10.0                                      |       | EACH | \$ 480.00     | \$ 4,800.00   | 43                           | \$20,640.00  |                                     | \$20,640.00                                | 430.0%    | -\$15,840.00              |
| 59                                                     | 2528-9290050 | PORTABLE DYNAMIC MESSAGE SIGN (PDMS)                                                          | 15.0                                      |       | CDAY | \$ 125.00     | \$ 1,875.00   | 22                           | \$2,750.00   |                                     | \$2,750.00                                 | 146.7%    | -\$875.00                 |
| 60                                                     | 2533-4980005 | MOBILIZATION                                                                                  | 1.0                                       |       | LS   | \$ 473,000.00 | \$ 473,000.00 | 1                            | \$473,000.00 |                                     | \$473,000.00                               | 100.0%    |                           |



## Progress Estimate

## Contractor's Application

| For (contract): |              | SE 37th Street at HWY 141 Improvements                  |              |       |      |              | DOT Proj. No.: STBG-SWAP-3125(614)--SG-77 |                              |                |                                    |                                            | Application Number: 7       |                           |  |
|-----------------|--------------|---------------------------------------------------------|--------------|-------|------|--------------|-------------------------------------------|------------------------------|----------------|------------------------------------|--------------------------------------------|-----------------------------|---------------------------|--|
| Contractor:     |              | Concrete Technologies, Inc                              |              |       |      |              | Engineer's Proj. No.: 1005-17A            |                              |                |                                    |                                            | Application Date: 8/13/2019 |                           |  |
| A               |              |                                                         | B            |       |      |              | C                                         | D                            | E              | F                                  |                                            | G                           |                           |  |
| Item            |              |                                                         | Bid Quantity | CO 01 | Unit | Unit Price   | Bid Value                                 | Estimated Quantity Installed | Value          | Materials Presently Stored (not in | Total Completed and Stored to Date (D + E) | % (F / B)                   | Balance to Finish (B - F) |  |
| Bid Item No.    | Item Code    | Description                                             |              |       |      |              |                                           |                              |                |                                    |                                            |                             |                           |  |
| 61              | 2552-0000210 | TRENCH FOUNDATION                                       | 100.0        |       | TON  | \$ 50.00     | \$ 5,000.00                               |                              |                |                                    |                                            |                             | \$5,000.00                |  |
| 62              | 2552-0000220 | REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL             | 200.0        |       | CY   | \$ 15.00     | \$ 3,000.00                               |                              |                |                                    |                                            |                             | \$3,000.00                |  |
| 63              | 2552-0000300 | TRENCH COMPACTION TESTING                               | 1.0          |       | LS   | \$ 17,500.00 | \$ 17,500.00                              |                              |                |                                    |                                            |                             | \$17,500.00               |  |
| 64              | 2554-0212020 | VALVE BOX EXTENSION                                     | 12.0         |       | EACH | \$ 250.00    | \$ 3,000.00                               |                              |                |                                    |                                            |                             | \$3,000.00                |  |
| 65              | 2599-9999005 | HYDRANT RELOCATION                                      | 1.0          |       | EACH | \$ 4,500.00  | \$ 4,500.00                               |                              |                |                                    |                                            |                             | \$4,500.00                |  |
| 66              | 2599-9999005 | PROTECT TREE                                            | 8.0          |       | EACH | \$ 500.00    | \$ 4,000.00                               |                              |                |                                    |                                            |                             | \$4,000.00                |  |
| 67              | 2599-9999009 | SUBDRAIN, TRENCHED, 15 IN. DIA.                         | 2626.0       |       | LF   | \$ 100.00    | \$ 262,600.00                             | 1599                         | \$159,900.00   |                                    | \$159,900.00                               | 60.9%                       | \$102,700.00              |  |
| 68              | 2599-9999009 | SUBDRAIN, TRENCHED, 18 IN. DIA.                         | 254.0        |       | LF   | \$ 145.00    | \$ 36,830.00                              | 254                          | \$36,830.00    |                                    | \$36,830.00                                | 100.0%                      |                           |  |
| 69              | 2599-9999009 | SUBDRAIN, TRENCHED, 24 IN. DIA.                         | 41.0         |       | LF   | \$ 200.00    | \$ 8,200.00                               | 43                           | \$8,600.00     |                                    | \$8,600.00                                 | 104.9%                      | -\$400.00                 |  |
| 70              | 2601-2634150 | MULCHING, WOOD CELLULOSE FIBER                          | 2.7          |       | ACRE | \$ 2,750.00  | \$ 7,425.00                               |                              |                |                                    |                                            |                             | \$7,425.00                |  |
| 71              | 2601-2636044 | SEEDING AND FERTILIZING (URBAN)                         | 5.4          |       | ACRE | \$ 1,190.00  | \$ 6,426.00                               |                              |                |                                    |                                            |                             | \$6,426.00                |  |
| 72              | 2601-2638352 | SLOPE PROTECTION, WOOD EXCELSIOR MAT                    | 34.0         |       | SQ   | \$ 25.00     | \$ 850.00                                 |                              |                |                                    |                                            |                             | \$850.00                  |  |
| 73              | 2602-0000020 | SILT FENCE                                              | 3180.0       |       | LF   | \$ 1.90      | \$ 6,042.00                               | 685                          | \$1,301.50     |                                    | \$1,301.50                                 | 21.5%                       | \$4,740.50                |  |
| 74              | 2602-0000071 | REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS    | 3180.0       |       | LF   | \$ 0.25      | \$ 795.00                                 |                              |                |                                    |                                            |                             | \$795.00                  |  |
| 75              | 2602-0000101 | MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK | 3180.0       |       | LF   | \$ 0.25      | \$ 795.00                                 |                              |                |                                    |                                            |                             | \$795.00                  |  |
| 76              | 2602-0000150 | STABILIZED CONSTRUCTION ENTRANCE                        | 144.0        |       | LF   | \$ 95.00     | \$ 13,680.00                              |                              |                |                                    |                                            |                             | \$13,680.00               |  |
| 77              | 2602-0000309 | PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA. | 1040.0       |       | LF   | \$ 3.25      | \$ 3,380.00                               | 1265                         | \$4,111.25     |                                    | \$4,111.25                                 | 121.6%                      | -\$731.25                 |  |
| 78              | 2602-0000350 | REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE  | 1040.0       |       | LF   | \$ 0.25      | \$ 260.00                                 |                              |                |                                    |                                            |                             | \$260.00                  |  |
| 79              | 2602-0010010 | MOBILIZATIONS, EROSION CONTROL                          | 12.0         |       | EACH | \$ 500.00    | \$ 6,000.00                               | 2                            | \$1,000.00     |                                    | \$1,000.00                                 | 16.7%                       | \$5,000.00                |  |
| 80              | 2602-0010020 | MOBILIZATIONS, EMERGENCY EROSION CONTROL                | 4.0          |       | EACH | \$ 1,000.00  | \$ 4,000.00                               |                              |                |                                    |                                            |                             | \$4,000.00                |  |
| 8001            | 2435-0700010 | CONNECTION TO EXISTING MANHOLE                          |              | 1.0   | EACH | \$ 800.00    | \$ 800.00                                 | 1                            | \$800.00       |                                    | \$800.00                                   | 100.0%                      |                           |  |
|                 |              | Totals                                                  |              |       |      |              | \$5,276,222.15                            |                              | \$2,216,367.43 |                                    | \$2,216,367.43                             | 42.0%                       | \$3,059,854.73            |  |



**Contractor's Application for Payment No. 8**

|                 |                                        |                       |                            |                   |           |
|-----------------|----------------------------------------|-----------------------|----------------------------|-------------------|-----------|
| Project:        | SE 37th Street at HWY 141 Improvements | From (Contractor):    | Concrete Technologies, Inc | Application Date: | 8/27/2019 |
| To (Owner):     | City of Grimes                         | Owner's Project No.:  |                            | Period From:      | 8/4/2019  |
| Via (Engineer): | FOX Engineering                        | Engineer's Proj. No.: | 1005-17A                   | Period To:        | 8/17/2019 |

| Approved Change Order Summary: |               |            |            |
|--------------------------------|---------------|------------|------------|
| No.                            | Date Approved | Additions  | Deductions |
| 1                              | 6/24/2019     | \$3,788.50 |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
|                                |               |            |            |
| TOTALS                         |               | \$3,788.50 |            |
| NET CHANGE BY CHANGE ORDERS    |               |            | \$3,788.50 |

|                                                                                             |    |              |
|---------------------------------------------------------------------------------------------|----|--------------|
| 1. ORIGINAL CONTRACT PRICE.....                                                             | \$ | 5,272,433.65 |
| 2. Net change by Change Orders.....                                                         | \$ | 3,788.50     |
| 3. Current Contract Price (Line 1 + 2).....                                                 | \$ | 5,276,222.15 |
| 4. TOTAL COMPLETED AND STORED TO DATE<br>(Column F on Progress Estimate).....               | \$ | 2,414,423.39 |
| 5. RETAINAGE:                                                                               |    |              |
| a. 3%           X       \$2,414,423.39   Work Completed.....                                | \$ | 72,432.70    |
| b. 3%           X       _____       Stored Material.....                                    | \$ |              |
| c. Less Total Retainage Released Early.....                                                 | \$ | 42,432.70    |
| d. Total Retainage (Line 5a + Line 5b - Line 5c).....                                       | \$ | 30,000.00    |
| 6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c).....                                          | \$ | 2,384,423.39 |
| 7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....                              | \$ | 2,186,367.43 |
| 8. AMOUNT DUE THIS APPLICATION.....                                                         | \$ | 198,055.96   |
| 9. BALANCE TO FINISH, PLUS RETAINAGE<br>(Column G on Progress Estimate + Line 5 above)..... | \$ | 2,891,798.76 |

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

|                        |                      |
|------------------------|----------------------|
| By: <u>[Signature]</u> | Date: <u>8-22-19</u> |
|------------------------|----------------------|

|            |    |                                                            |
|------------|----|------------------------------------------------------------|
| Payment of | \$ | <b>\$198,055.96</b>                                        |
|            |    | (Line 8 or other - attach explanation of the other amount) |

Is recommended by: Jason M. B. Fisher 8/22/19  
(Engineer) (Date)

|            |    |                                                            |
|------------|----|------------------------------------------------------------|
| Payment of | \$ | <b>\$198,055.96</b>                                        |
|            |    | (Line 8 or other - attach explanation of the other amount) |

is approved by: \_\_\_\_\_ (Owner) \_\_\_\_\_ (Date)

Endorsed by the Construction Specifications Institute.

# Progress Estimate

# Contractor's Application

| For (contract): |              | SE 37th Street at HWY 141 Improvements                                                        |              |       |      |              | DOT Proj. No.: STBG-SWAP-3125(614)--SG-77 |                              |              | Application Number: 8               |                                            |                           |
|-----------------|--------------|-----------------------------------------------------------------------------------------------|--------------|-------|------|--------------|-------------------------------------------|------------------------------|--------------|-------------------------------------|--------------------------------------------|---------------------------|
| Contractor:     |              | Concrete Technologies, Inc.                                                                   |              |       |      |              | Engineer's Proj. No.: 1005-17A            |                              |              | Application Date: 8/27/2019         |                                            |                           |
| A               |              |                                                                                               | B            |       |      |              | C                                         | D                            | E            | F                                   |                                            | G                         |
| Item            |              |                                                                                               | Bid Quantity | CO 01 | Unit | Unit Price   | Bid Value                                 | Estimated Quantity Installed | Value        | Materials Presently Stored (not in) | Total Completed and Stored to Date (D + E) | Balance to Finish (B - F) |
| Bid Item No.    | Item Code    | Description                                                                                   |              |       |      |              |                                           |                              |              |                                     | % (F / B)                                  |                           |
| 1               | 2101-0850002 | CLEARING AND GRUBBING                                                                         | 27.6         |       | UNIT | \$ 300.00    | \$ 8,280.00                               |                              |              |                                     |                                            | \$8,280.00                |
| 2               | 2102-2710070 | EXCAVATION, CLASS 10, ROADWAY AND BORROW                                                      | 8837.0       |       | CY   | \$ 18.75     | \$ 165,693.75                             | 4555.0                       | \$85,406.25  |                                     | \$85,406.25                                | \$80,287.50               |
| 3               | 2105-8425015 | TOPSOIL, STRIP, SALVAGE AND SPREAD                                                            | 5197.0       |       | CY   | \$ 18.75     | \$ 97,443.75                              | 330.77                       | \$6,201.94   |                                     | \$6,201.94                                 | \$91,241.81               |
| 4               | 2109-8225100 | SPECIAL COMPACTION OF SUBGRADE                                                                | 47.6         |       | STA  | \$ 1,500.00  | \$ 71,400.00                              | 27.79                        | \$41,685.00  |                                     | \$41,685.00                                | \$29,715.00               |
| 5               | 2110-3825010 | GRANULAR MATERIAL                                                                             | 500.0        |       | TON  | \$ 30.00     | \$ 15,000.00                              | 347.36                       | \$10,420.80  |                                     | \$10,420.80                                | \$4,579.20                |
| 6               | 2115-0100000 | MODIFIED SUBBASE                                                                              | 4982.0       |       | CY   | \$ 62.50     | \$ 311,375.00                             | 1867.08                      | \$116,692.50 |                                     | \$116,692.50                               | \$194,682.50              |
| 7               | 2121-7425010 | GRANULAR SHOULDERS, TYPE A                                                                    | 261.8        |       | TON  | \$ 37.50     | \$ 9,817.50                               | 107.65                       | \$4,044.38   |                                     | \$4,044.38                                 | \$5,773.13                |
| 8               | 2123-7450020 | SHOULDER FINISHING, EARTH                                                                     | 73.2         |       | STA  | \$ 225.00    | \$ 16,470.00                              | 15.81                        | \$3,557.25   |                                     | \$3,557.25                                 | \$12,912.75               |
| 9               | 2213-7100400 | RELOCATION OF MAIL BOXES                                                                      | 6.0          |       | EACH | \$ 600.00    | \$ 3,600.00                               | 5                            | \$3,000.00   |                                     | \$3,000.00                                 | \$600.00                  |
| 10              | 2214-5145150 | PAVEMENT SCARIFICATION                                                                        | 441.0        |       | SY   | \$ 10.50     | \$ 4,630.50                               |                              |              |                                     |                                            | \$4,630.50                |
| 11              | 2301-1033080 | STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN.   | 1131.0       |       | SY   | \$ 95.00     | \$ 107,445.00                             | 1295.29                      | \$123,052.55 |                                     | \$123,052.55                               | -\$15,607.55              |
| 12              | 2301-1033095 | STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 9.5 IN. | 26951.0      | 43.0  | SY   | \$ 69.50     | \$ 1,869,133.00                           | 9271.77                      | \$644,388.02 |                                     | \$644,388.02                               | \$1,224,744.99            |
| 13              | 2301-4875006 | MEDIAN, P.C. CONCRETE, 6 IN.                                                                  | 451.8        |       | SY   | \$ 100.00    | \$ 45,180.00                              | 26                           | \$2,600.00   |                                     | \$2,600.00                                 | \$42,580.00               |
| 14              | 2301-6911722 | PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES                                                     | 1.0          |       | LS   | \$ 5,000.00  | \$ 5,000.00                               |                              |              |                                     |                                            | \$5,000.00                |
| 15              | 2303-1041750 | HOT MIX ASPHALT HIGH TRAFFIC, BASE COURSE, 3/4 IN. MIX                                        | 295.3        |       | TON  | \$ 120.00    | \$ 35,436.00                              |                              |              |                                     |                                            | \$35,436.00               |
| 16              | 2303-1042500 | HOT MIX ASPHALT HIGH TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX                                | 154.4        |       | TON  | \$ 120.00    | \$ 18,528.00                              |                              |              |                                     |                                            | \$18,528.00               |
| 17              | 2303-1043500 | HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT    | 443.9        |       | TON  | \$ 105.00    | \$ 46,609.50                              |                              |              |                                     |                                            | \$46,609.50               |
| 18              | 2303-1258283 | ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC                                                   | 12.0         |       | TON  | \$ 650.00    | \$ 7,800.00                               |                              |              |                                     |                                            | \$7,800.00                |
| 19              | 2303-1258284 | ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC                                                       | 38.8         |       | TON  | \$ 725.00    | \$ 28,130.00                              |                              |              |                                     |                                            | \$28,130.00               |
| 20              | 2304-0101000 | TEMPORARY PAVEMENT                                                                            | 1076.0       |       | SY   | \$ 65.00     | \$ 69,940.00                              | 1419.83                      | \$92,288.95  |                                     | \$92,288.95                                | -\$22,348.95              |
| 21              | 2401-6745650 | REMOVAL OF EXISTING STRUCTURES                                                                | 1.0          |       | LS   | \$ 15,000.00 | \$ 15,000.00                              | 0.2                          | \$3,000.00   |                                     | \$3,000.00                                 | \$12,000.00               |
| 22              | 2401-6745910 | REMOVAL OF SIGN                                                                               | 6.0          |       | EACH | \$ 65.00     | \$ 390.00                                 | 2                            | \$130.00     |                                     | \$130.00                                   | \$260.00                  |
| 23              | 2416-0100015 | APRON, CONC, 15 IN. DIA.                                                                      | 2.0          |       | EACH | \$ 1,500.00  | \$ 3,000.00                               | 2                            | \$3,000.00   |                                     | \$3,000.00                                 | \$0.00                    |
| 24              | 2416-0100024 | APRON, CONC, 24 IN. DIA.                                                                      | 1.0          |       | EACH | \$ 2,000.00  | \$ 2,000.00                               | 1                            | \$2,000.00   |                                     | \$2,000.00                                 | \$0.00                    |
| 25              | 2431-0000100 | SEGMENTAL BLOCK RETAINING WALL                                                                | 3585.0       |       | SF   | \$ 45.25     | \$ 162,221.25                             | 2125                         | \$96,156.25  |                                     | \$96,156.25                                | \$66,065.00               |
| 26              | 2435-0250100 | INTAKE, SW-501                                                                                | 3.0          |       | EACH | \$ 6,250.00  | \$ 18,750.00                              | 2                            | \$12,500.00  |                                     | \$12,500.00                                | \$6,250.00                |
| 27              | 2435-0250500 | INTAKE, SW-505                                                                                | 15.0         |       | EACH | \$ 6,900.00  | \$ 103,500.00                             | 6                            | \$41,400.00  |                                     | \$41,400.00                                | \$62,100.00               |
| 28              | 2435-0250600 | INTAKE, SW-506                                                                                | 2.0          |       | EACH | \$ 11,300.00 | \$ 22,600.00                              | 2                            | \$22,600.00  |                                     | \$22,600.00                                | \$0.00                    |
| 29              | 2435-0250700 | INTAKE, SW-507                                                                                | 1.0          |       | EACH | \$ 5,000.00  | \$ 5,000.00                               | 1                            | \$5,000.00   |                                     | \$5,000.00                                 | \$0.00                    |
| 30              | 2435-0250900 | INTAKE, SW-509                                                                                | 5.0          |       | EACH | \$ 9,375.00  | \$ 46,875.00                              | 5                            | \$46,875.00  |                                     | \$46,875.00                                | \$0.00                    |



## Progress Estimate

## Contractor's Application

For (contract): SE 37th Street at HWY 141 Improvements  
Contractor: Concrete Technologies, Inc.

DOT Proj. No.: STBG-SWAP-3125(614)--SG-77  
Engineer's Proj. No.: 1005-17A

Application Number: 8  
Application Date: 8/27/2019

| A            |              |                                                                                               | B            |       |      |               |               | C                            | D            | E                                   | F                                          |           | G                         |
|--------------|--------------|-----------------------------------------------------------------------------------------------|--------------|-------|------|---------------|---------------|------------------------------|--------------|-------------------------------------|--------------------------------------------|-----------|---------------------------|
| Item         |              |                                                                                               | Bid Quantity | CO 01 | Unit | Unit Price    | Bid Value     | Estimated Quantity Installed | Value        | Materials Presently Stored (not in) | Total Completed and Stored to Date (D + E) | % (F / B) | Balance to Finish (B - F) |
| Bid Item No. | Item Code    | Description                                                                                   |              |       |      |               |               |                              |              |                                     |                                            |           |                           |
| 31           | 2435-0251224 | INTAKE, SW-512, 24 IN.                                                                        | 1.0          |       | EACH | \$ 2,875.00   | \$ 2,875.00   | 1                            | \$2,875.00   |                                     | \$2,875.00                                 | 100.0%    |                           |
| 32           | 2435-0600010 | MANHOLE ADJUSTMENT, MINOR                                                                     | 6.0          |       | EACH | \$ 1,250.00   | \$ 7,500.00   | 4                            | \$5,000.00   |                                     | \$5,000.00                                 | 66.7%     | \$2,500.00                |
| 33           | 2502-8212204 | SUBDRAIN, PERFORATED PLASTIC PIPE, 4 IN. DIA.                                                 | 2022.0       |       | LF   | \$ 18.75      | \$ 37,912.50  | 515                          | \$9,656.25   |                                     | \$9,656.25                                 | 25.5%     | \$28,256.25               |
| 34           | 2502-8212208 | SUBDRAIN, PERFORATED PLASTIC PIPE, 8 IN. DIA.                                                 | 315.0        |       | LF   | \$ 22.50      | \$ 7,087.50   |                              |              |                                     |                                            |           | \$7,087.50                |
| 35           | 2502-8221006 | SUBDRAIN RISER, 6 IN., AS PER PLAN                                                            | 6.0          |       | EACH | \$ 690.00     | \$ 4,140.00   |                              |              |                                     |                                            |           | \$4,140.00                |
| 36           | 2502-8221303 | SUBDRAIN OUTLET, DR-303                                                                       | 8.0          |       | EACH | \$ 250.00     | \$ 2,000.00   | 1                            | \$250.00     |                                     | \$250.00                                   | 12.5%     | \$1,750.00                |
| 37           | 2502-8225010 | SUBDRAIN OUTLET, 500-10                                                                       | 2.0          |       | EACH | \$ 470.00     | \$ 940.00     | 2                            | \$940.00     |                                     | \$940.00                                   | 100.0%    |                           |
| 38           | 2503-0114212 | STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN. | 2.0          |       | LF   | \$ 563.00     | \$ 1,126.00   | 2                            | \$1,126.00   |                                     | \$1,126.00                                 | 100.0%    |                           |
| 39           | 2503-0114215 | STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN. | 285.0        |       | LF   | \$ 100.00     | \$ 28,500.00  | 179                          | \$17,900.00  |                                     | \$17,900.00                                | 62.8%     | \$10,600.00               |
| 40           | 2503-0114218 | STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN. | 184.0        |       | LF   | \$ 106.50     | \$ 19,596.00  | 192                          | \$20,448.00  |                                     | \$20,448.00                                | 104.3%    | -\$852.00                 |
| 41           | 2503-0114224 | STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN. | 242.0        |       | LF   | \$ 120.00     | \$ 29,040.00  | 133                          | \$15,960.00  |                                     | \$15,960.00                                | 55.0%     | \$13,080.00               |
| 42           | 2503-0200036 | REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.                                          | 1074.0       |       | LF   | \$ 37.50      | \$ 40,275.00  | 820                          | \$30,750.00  |                                     | \$30,750.00                                | 76.4%     | \$9,525.00                |
| 43           | 2507-3250005 | ENGINEERING FABRIC                                                                            | 112.0        |       | SY   | \$ 6.25       | \$ 700.00     |                              |              |                                     |                                            |           | \$700.00                  |
| 44           | 2507-8029000 | EROSION STONE                                                                                 | 22.0         |       | TON  | \$ 75.00      | \$ 1,650.00   |                              |              |                                     |                                            |           | \$1,650.00                |
| 45           | 2510-6745850 | REMOVAL OF PAVEMENT                                                                           | 13504.0      |       | SY   | \$ 11.75      | \$ 159,847.00 | 8648.39                      | \$101,618.58 |                                     | \$101,618.58                               | 63.6%     | \$58,228.42               |
| 46           | 2511-6745900 | REMOVAL OF SIDEWALK                                                                           | 23.0         |       | SY   | \$ 10.00      | \$ 230.00     |                              |              |                                     |                                            |           | \$230.00                  |
| 47           | 2515-2475007 | DRIVEWAY, P.C. CONCRETE, 7 IN.                                                                | 1384.0       |       | SY   | \$ 75.00      | \$ 103,800.00 |                              |              |                                     |                                            |           | \$103,800.00              |
| 48           | 2518-6910000 | SAFETY CLOSURE                                                                                | 31.0         |       | EACH | \$ 125.00     | \$ 3,875.00   |                              |              |                                     |                                            |           | \$3,875.00                |
| 49           | 2524-6765010 | REMOVE AND REINSTALL SIGN AS PER PLAN                                                         | 2.0          |       | EACH | \$ 190.00     | \$ 380.00     | 2                            | \$380.00     |                                     | \$380.00                                   | 100.0%    |                           |
| 50           | 2525-0000100 | TRAFFIC SIGNALIZATION                                                                         | 1.0          |       | LS   | \$ 392,000.00 | \$ 392,000.00 |                              |              |                                     |                                            |           | \$392,000.00              |
| 51           | 2527-9263109 | PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED                                         | 177.2        |       | STA  | \$ 40.00      | \$ 7,088.00   |                              |              |                                     |                                            |           | \$7,088.00                |
| 52           | 2527-9263118 | PAINTED PAVEMENT MARKINGS, TEMPORARY                                                          | 152.2        |       | STA  | \$ 165.00     | \$ 25,113.00  | 111.19                       | \$18,346.35  |                                     | \$18,346.35                                | 73.1%     | \$6,766.65                |
| 53           | 2527-9263137 | PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED                                      | 13.0         |       | EACH | \$ 108.00     | \$ 1,404.00   |                              |              |                                     |                                            |           | \$1,404.00                |
| 54           | 2527-9263180 | PAVEMENT MARKINGS REMOVED                                                                     | 13.1         |       | STA  | \$ 69.00      | \$ 903.90     | 25.82                        | \$1,781.58   |                                     | \$1,781.58                                 | 197.1%    | -\$977.68                 |
| 55           | 2527-9270111 | GROOVES CUT FOR PAVEMENT MARKINGS                                                             | 127.4        |       | STA  | \$ 45.00      | \$ 5,733.00   |                              |              |                                     |                                            |           | \$5,733.00                |
| 56           | 2527-9270120 | GROOVES CUT FOR SYMBOLS AND LEGENDS                                                           | 12.0         |       | EACH | \$ 125.00     | \$ 1,500.00   |                              |              |                                     |                                            |           | \$1,500.00                |
| 57           | 2528-8445110 | TRAFFIC CONTROL                                                                               | 1.0          |       | LS   | \$ 200,000.00 | \$ 200,000.00 | 0.5                          | \$100,000.00 |                                     | \$100,000.00                               | 50.0%     | \$100,000.00              |
| 58           | 2528-8445113 | FLAGGERS                                                                                      | 10.0         |       | EACH | \$ 480.00     | \$ 4,800.00   | 45                           | \$21,600.00  |                                     | \$21,600.00                                | 450.0%    | -\$16,800.00              |
| 59           | 2528-9290050 | PORTABLE DYNAMIC MESSAGE SIGN (PDMS)                                                          | 15.0         |       | CDAY | \$ 125.00     | \$ 1,875.00   | 22                           | \$2,750.00   |                                     | \$2,750.00                                 | 146.7%    | -\$875.00                 |
| 60           | 2533-4980005 | MOBILIZATION                                                                                  | 1.0          |       | LS   | \$ 473,000.00 | \$ 473,000.00 | 1                            | \$473,000.00 |                                     | \$473,000.00                               | 100.0%    |                           |



## Progress Estimate

## Contractor's Application

| For (contract): |              | SE 37th Street at HWY 141 Improvements                  |              |       |      |              | DOT Proj. No.: STBG-SWAP-3125(614)--SG-77 |                              |                |                                    |                                            | Application Number: 8       |                           |  |
|-----------------|--------------|---------------------------------------------------------|--------------|-------|------|--------------|-------------------------------------------|------------------------------|----------------|------------------------------------|--------------------------------------------|-----------------------------|---------------------------|--|
| Contractor:     |              | Concrete Technologies, Inc.                             |              |       |      |              | Engineer's Proj. No.: 1005-17A            |                              |                |                                    |                                            | Application Date: 8/27/2019 |                           |  |
| A               |              |                                                         | B            |       |      |              | C                                         | D                            | E              | F                                  |                                            | G                           |                           |  |
| Item            |              |                                                         | Bid Quantity | CO 01 | Unit | Unit Price   | Bid Value                                 | Estimated Quantity Installed | Value          | Materials Presently Stored (not in | Total Completed and Stored to Date (D + E) | % (F / B)                   | Balance to Finish (B - F) |  |
| Bid Item No.    | Item Code    | Description                                             |              |       |      |              |                                           |                              |                |                                    |                                            |                             |                           |  |
| 61              | 2552-0000210 | TRENCH FOUNDATION                                       | 100.0        |       | TON  | \$ 50.00     | \$ 5,000.00                               |                              |                |                                    |                                            |                             | \$5,000.00                |  |
| 62              | 2552-0000220 | REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL             | 200.0        |       | CY   | \$ 15.00     | \$ 3,000.00                               |                              |                |                                    |                                            |                             | \$3,000.00                |  |
| 63              | 2552-0000300 | TRENCH COMPACTION TESTING                               | 1.0          |       | LS   | \$ 17,500.00 | \$ 17,500.00                              |                              |                |                                    |                                            |                             | \$17,500.00               |  |
| 64              | 2554-0212020 | VALVE BOX EXTENSION                                     | 12.0         |       | EACH | \$ 250.00    | \$ 3,000.00                               | 2                            | \$500.00       |                                    | \$500.00                                   | 16.7%                       | \$2,500.00                |  |
| 65              | 2599-9999005 | HYDRANT RELOCATION                                      | 1.0          |       | EACH | \$ 4,500.00  | \$ 4,500.00                               |                              |                |                                    |                                            |                             | \$4,500.00                |  |
| 66              | 2599-9999005 | PROTECT TREE                                            | 8.0          |       | EACH | \$ 500.00    | \$ 4,000.00                               |                              |                |                                    |                                            |                             | \$4,000.00                |  |
| 67              | 2599-9999009 | SUBDRAIN, TRENCHED, 15 IN. DIA.                         | 2626.0       |       | LF   | \$ 100.00    | \$ 262,600.00                             | 1709                         | \$170,900.00   |                                    | \$170,900.00                               | 65.1%                       | \$91,700.00               |  |
| 68              | 2599-9999009 | SUBDRAIN, TRENCHED, 18 IN. DIA.                         | 254.0        |       | LF   | \$ 145.00    | \$ 36,830.00                              | 254                          | \$36,830.00    |                                    | \$36,830.00                                | 100.0%                      |                           |  |
| 69              | 2599-9999009 | SUBDRAIN, TRENCHED, 24 IN. DIA.                         | 41.0         |       | LF   | \$ 200.00    | \$ 8,200.00                               | 43                           | \$8,600.00     |                                    | \$8,600.00                                 | 104.9%                      | -\$400.00                 |  |
| 70              | 2601-2634150 | MULCHING, WOOD CELLULOSE FIBER                          | 2.7          |       | ACRE | \$ 2,750.00  | \$ 7,425.00                               |                              |                |                                    |                                            |                             | \$7,425.00                |  |
| 71              | 2601-2636044 | SEEDING AND FERTILIZING (URBAN)                         | 5.4          |       | ACRE | \$ 1,190.00  | \$ 6,426.00                               |                              |                |                                    |                                            |                             | \$6,426.00                |  |
| 72              | 2601-2638352 | SLOPE PROTECTION, WOOD EXCELSIOR MAT                    | 34.0         |       | SQ   | \$ 25.00     | \$ 850.00                                 |                              |                |                                    |                                            |                             | \$850.00                  |  |
| 73              | 2602-0000020 | SILT FENCE                                              | 3180.0       |       | LF   | \$ 1.90      | \$ 6,042.00                               | 685                          | \$1,301.50     |                                    | \$1,301.50                                 | 21.5%                       | \$4,740.50                |  |
| 74              | 2602-0000071 | REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS    | 3180.0       |       | LF   | \$ 0.25      | \$ 795.00                                 |                              |                |                                    |                                            |                             | \$795.00                  |  |
| 75              | 2602-0000101 | MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK | 3180.0       |       | LF   | \$ 0.25      | \$ 795.00                                 |                              |                |                                    |                                            |                             | \$795.00                  |  |
| 76              | 2602-0000150 | STABILIZED CONSTRUCTION ENTRANCE                        | 144.0        |       | LF   | \$ 95.00     | \$ 13,680.00                              |                              |                |                                    |                                            |                             | \$13,680.00               |  |
| 77              | 2602-0000309 | PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA. | 1040.0       |       | LF   | \$ 3.25      | \$ 3,380.00                               | 1265                         | \$4,111.25     |                                    | \$4,111.25                                 | 121.6%                      | -\$731.25                 |  |
| 78              | 2602-0000350 | REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE  | 1040.0       |       | LF   | \$ 0.25      | \$ 260.00                                 |                              |                |                                    |                                            |                             | \$260.00                  |  |
| 79              | 2602-0010010 | MOBILIZATIONS, EROSION CONTROL                          | 12.0         |       | EACH | \$ 500.00    | \$ 6,000.00                               | 2                            | \$1,000.00     |                                    | \$1,000.00                                 | 16.7%                       | \$5,000.00                |  |
| 80              | 2602-0010020 | MOBILIZATIONS, EMERGENCY EROSION CONTROL                | 4.0          |       | EACH | \$ 1,000.00  | \$ 4,000.00                               |                              |                |                                    |                                            |                             | \$4,000.00                |  |
| 8001            | 2435-0700010 | CONNECTION TO EXISTING MANHOLE                          |              | 1.0   | EACH | \$ 800.00    | \$ 800.00                                 | 1                            | \$800.00       |                                    | \$800.00                                   | 100.0%                      |                           |  |
|                 |              | Totals                                                  |              |       |      |              | \$5,276,222.15                            |                              | \$2,414,423.39 |                                    | \$2,414,423.39                             | 45.8%                       | \$2,861,798.76            |  |

**Contractor's Application for Payment No. 9**

|                 |                                        |                       |                            |                   |           |
|-----------------|----------------------------------------|-----------------------|----------------------------|-------------------|-----------|
| Project:        | SE 37th Street at HWY 141 Improvements | From (Contractor):    | Concrete Technologies, Inc | Application Date: | 9/10/2019 |
| To (Owner):     | City of Grimes                         | Owner's Project No.:  |                            | Period From:      | 8/18/2019 |
| Via (Engineer): | FOX Engineering                        | Engineer's Proj. No.: | 1005-17A                   | Period To:        | 8/31/2019 |

|                                                                                             |    |              |
|---------------------------------------------------------------------------------------------|----|--------------|
| 1. ORIGINAL CONTRACT PRICE.....                                                             | \$ | 5,272,433.65 |
| 2. Net change by Change Orders.....                                                         | \$ | 3,788.50     |
| 3. Current Contract Price (Line 1 + 2).....                                                 | \$ | 5,276,222.15 |
| 4. TOTAL COMPLETED AND STORED TO DATE<br>(Column F on Progress Estimate).....               | \$ | 2,471,097.77 |
| 5. RETAINAGE:                                                                               |    |              |
| a. 3%           X       \$2,471,097.77 Work Completed.....                                  | \$ | 74,132.93    |
| b. 3%           X       _____ Stored Material.....                                          | \$ |              |
| c. Less Total Retainage Released Early.....                                                 | \$ | 44,132.93    |
| d. Total Retainage (Line 5a + Line 5b - Line 5c).....                                       | \$ | 30,000.00    |
| 6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c).....                                          | \$ | 2,441,097.77 |
| 7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....                              | \$ | 2,384,423.39 |
| 8. AMOUNT DUE THIS APPLICATION.....                                                         | \$ | 56,674.38    |
| 9. BALANCE TO FINISH, PLUS RETAINAGE<br>(Column G on Progress Estimate + Line 5 above)..... | \$ | 2,835,124.39 |

| No.                                | Date Approved | Additions         | Deductions        |
|------------------------------------|---------------|-------------------|-------------------|
| 1                                  | 6/24/2019     | \$3,788.50        |                   |
|                                    |               |                   |                   |
|                                    |               |                   |                   |
|                                    |               |                   |                   |
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|                                    |               |                   |                   |
|                                    |               |                   |                   |
|                                    |               |                   |                   |
|                                    |               |                   |                   |
| <b>TOTALS</b>                      |               | <b>\$3,788.50</b> |                   |
| <b>NET CHANGE BY CHANGE ORDERS</b> |               |                   | <b>\$3,788.50</b> |

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: Trent Petersen Date: 9-04-19

Payment of **\$ \$56,674.38**  
(Line 8 or other - attach explanation of the other amount)

is recommended by:  (Engineer) 9/4/19 (Date)

Payment of **\$ \$56,674.38**  
(Line 8 or other - attach explanation of the other amount)

is approved by: \_\_\_\_\_ (Owner) \_\_\_\_\_ (Date)

Endorsed by the Construction Specifications Institute.

## Progress Estimate

## Contractor's Application

| For (contract): |              | SE 37th Street at HWY 141 Improvements                                                        |          |      |      |              | DOT Proj. No.: STBG-SWAP-3125(614)--SG-77 |           |              | Application Number: 9       |                 |         |                |
|-----------------|--------------|-----------------------------------------------------------------------------------------------|----------|------|------|--------------|-------------------------------------------|-----------|--------------|-----------------------------|-----------------|---------|----------------|
| Contractor:     |              | Concrete Technologies, Inc                                                                    |          |      |      |              | Engineer's Proj. No.: 1005-17A            |           |              | Application Date: 9/10/2019 |                 |         |                |
| A               |              |                                                                                               | B        |      |      |              |                                           | C         | D            | E                           | F               |         | G              |
| Item            |              |                                                                                               | Bid      | CD   |      |              | Estimated                                 |           |              | Materials                   | Total Completed | %       | Balance to     |
| Bid Item No.    | Item Code    | Description                                                                                   | Quantity | 01   | Unit | Unit Price   | Bid Value                                 | Installed | Value        | Presently Stored (not in C) | Date (D + E)    | (F / B) | (B - F)        |
| 1               | 2101-0850002 | CLEARING AND GRUBBING                                                                         | 27.6     |      | UNIT | \$ 300.00    | \$ 8,280.00                               |           |              |                             |                 |         | \$8,280.00     |
| 2               | 2102-2710070 | EXCAVATION, CLASS 10, ROADWAY AND BORROW                                                      | 8837.0   |      | CY   | \$ 18.75     | \$ 165,693.75                             | 4555.0    | \$85,406.25  |                             | \$85,406.25     | 51.5%   | \$80,287.50    |
| 3               | 2105-8425015 | TOPSOIL, STRIP, SALVAGE AND SPREAD                                                            | 5197.0   |      | CY   | \$ 18.75     | \$ 97,443.75                              | 330.77    | \$6,201.94   |                             | \$6,201.94      | 6.4%    | \$91,241.81    |
| 4               | 2109-8225100 | SPECIAL COMPACTION OF SUBGRADE                                                                | 47.6     |      | STA  | \$ 1,500.00  | \$ 71,400.00                              | 27.79     | \$41,685.00  |                             | \$41,685.00     | 58.4%   | \$29,715.00    |
| 5               | 2110-3825010 | GRANULAR MATERIAL                                                                             | 500.0    |      | TON  | \$ 30.00     | \$ 15,000.00                              | 347.36    | \$10,420.80  |                             | \$10,420.80     | 69.5%   | \$4,579.20     |
| 6               | 2115-0100000 | MODIFIED SUBBASE                                                                              | 4982.0   |      | CY   | \$ 62.50     | \$ 311,375.00                             | 2610.97   | \$163,185.63 |                             | \$163,185.63    | 52.4%   | \$148,189.38   |
| 7               | 2121-7425010 | GRANULAR SHOULDERS, TYPE A                                                                    | 261.8    |      | TON  | \$ 37.50     | \$ 9,817.50                               | 107.85    | \$4,044.38   |                             | \$4,044.38      | 41.2%   | \$5,773.13     |
| 8               | 2123-7450020 | SHOULDER FINISHING, EARTH                                                                     | 73.2     |      | STA  | \$ 225.00    | \$ 16,470.00                              | 15.81     | \$3,557.25   |                             | \$3,557.25      | 21.6%   | \$12,912.75    |
| 9               | 2213-7100400 | RELOCATION OF MAIL BOXES                                                                      | 6.0      |      | EACH | \$ 600.00    | \$ 3,600.00                               | 5         | \$3,000.00   |                             | \$3,000.00      | 83.3%   | \$600.00       |
| 10              | 2214-5145150 | PAVEMENT SCARIFICATION                                                                        | 441.0    |      | SY   | \$ 10.50     | \$ 4,630.50                               |           |              |                             |                 |         | \$4,630.50     |
| 11              | 2301-1033080 | STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN.   | 1131.0   |      | SY   | \$ 95.00     | \$ 107,445.00                             | 1295.29   | \$123,052.55 |                             | \$123,052.55    | 114.5%  | -\$15,607.55   |
| 12              | 2301-1033095 | STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 9.5 IN. | 26851.0  | 43.0 | SY   | \$ 69.50     | \$ 1,869,133.00                           | 9271.77   | \$644,388.02 |                             | \$644,388.02    | 34.5%   | \$1,224,744.99 |
| 13              | 2301-4875006 | MEDIAN, P.C. CONCRETE, 6 IN.                                                                  | 451.8    |      | SY   | \$ 100.00    | \$ 45,180.00                              | 26        | \$2,600.00   |                             | \$2,600.00      | 5.8%    | \$42,580.00    |
| 14              | 2301-6911722 | PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES                                                     | 1.0      |      | LS   | \$ 5,000.00  | \$ 5,000.00                               |           |              |                             |                 |         | \$5,000.00     |
| 15              | 2303-1041750 | HOT MIX ASPHALT HIGH TRAFFIC, BASE COURSE, 3/4 IN. MIX                                        | 295.3    |      | TON  | \$ 120.00    | \$ 35,436.00                              |           |              |                             |                 |         | \$35,436.00    |
| 16              | 2303-1042500 | HOT MIX ASPHALT HIGH TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX                                | 154.4    |      | TON  | \$ 120.00    | \$ 18,528.00                              |           |              |                             |                 |         | \$18,528.00    |
| 17              | 2303-1043500 | HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT    | 443.9    |      | TON  | \$ 105.00    | \$ 46,609.50                              |           |              |                             |                 |         | \$46,609.50    |
| 18              | 2303-1258283 | ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC                                                   | 12.0     |      | TON  | \$ 650.00    | \$ 7,800.00                               |           |              |                             |                 |         | \$7,800.00     |
| 19              | 2303-1258284 | ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC                                                       | 38.8     |      | TON  | \$ 725.00    | \$ 28,130.00                              |           |              |                             |                 |         | \$28,130.00    |
| 20              | 2304-0101000 | TEMPORARY PAVEMENT                                                                            | 1076.0   |      | SY   | \$ 65.00     | \$ 69,940.00                              | 1419.83   | \$92,288.95  |                             | \$92,288.95     | 132.0%  | -\$22,348.95   |
| 21              | 2401-6745650 | REMOVAL OF EXISTING STRUCTURES                                                                | 1.0      |      | LS   | \$ 15,000.00 | \$ 15,000.00                              | 0.2       | \$3,000.00   |                             | \$3,000.00      | 20.0%   | \$12,000.00    |
| 22              | 2401-6745910 | REMOVAL OF SIGN                                                                               | 6.0      |      | EACH | \$ 65.00     | \$ 390.00                                 | 2         | \$130.00     |                             | \$130.00        | 33.3%   | \$260.00       |
| 23              | 2416-0100015 | APRON, CONC, 15 IN. DIA.                                                                      | 2.0      |      | EACH | \$ 1,500.00  | \$ 3,000.00                               | 2         | \$3,000.00   |                             | \$3,000.00      | 100.0%  |                |
| 24              | 2416-0100024 | APRON, CONC, 24 IN. DIA.                                                                      | 1.0      |      | EACH | \$ 2,000.00  | \$ 2,000.00                               | 1         | \$2,000.00   |                             | \$2,000.00      | 100.0%  |                |
| 25              | 2431-0000100 | SEGMENTAL BLOCK RETAINING WALL                                                                | 3585.0   |      | SF   | \$ 45.25     | \$ 162,221.25                             | 2350      | \$106,337.50 |                             | \$106,337.50    | 65.6%   | \$55,883.75    |
| 26              | 2435-0250100 | INTAKE, SW-501                                                                                | 3.0      |      | EACH | \$ 6,250.00  | \$ 18,750.00                              | 2         | \$12,500.00  |                             | \$12,500.00     | 66.7%   | \$6,250.00     |
| 27              | 2435-0250500 | INTAKE, SW-505                                                                                | 15.0     |      | EACH | \$ 6,900.00  | \$ 103,500.00                             | 6         | \$41,400.00  |                             | \$41,400.00     | 40.0%   | \$62,100.00    |
| 28              | 2435-0250600 | INTAKE, SW-506                                                                                | 2.0      |      | EACH | \$ 11,300.00 | \$ 22,600.00                              | 2         | \$22,600.00  |                             | \$22,600.00     | 100.0%  |                |
| 29              | 2435-0250700 | INTAKE, SW-507                                                                                | 1.0      |      | EACH | \$ 5,000.00  | \$ 5,000.00                               | 1         | \$5,000.00   |                             | \$5,000.00      | 100.0%  |                |
| 30              | 2435-0250900 | INTAKE, SW-509                                                                                | 5.0      |      | EACH | \$ 9,375.00  | \$ 46,875.00                              | 5         | \$46,875.00  |                             | \$46,875.00     | 100.0%  |                |



## Progress Estimate

## Contractor's Application

| For (contract): |              | SE 37th Street at HWY 141 Improvements                                                        |                 |          |      |               |               | DOT Proj. No.: STBG-SWAP-3125(614)-SG-77 |              | Application Number: 9                          |                                                  |              |                                 |
|-----------------|--------------|-----------------------------------------------------------------------------------------------|-----------------|----------|------|---------------|---------------|------------------------------------------|--------------|------------------------------------------------|--------------------------------------------------|--------------|---------------------------------|
| Contractor:     |              | Concrete Technologies, Inc                                                                    |                 |          |      |               |               | Engineer's Proj. No.: 1005-17A           |              | Application Date: 9/10/2019                    |                                                  |              |                                 |
| A<br>Item       |              |                                                                                               | B               |          |      |               |               | C                                        | D            | E                                              | F                                                |              | G                               |
| Bid Item No.    | Item Code    | Description                                                                                   | Bid<br>Quantity | CO<br>01 | Unit | Unit Price    | Bid Value     | Estimated<br>Quantity<br>Installed       | Value        | Materials<br>Presently<br>Stored (not in<br>C) | Total Completed<br>and Stored to<br>Date (D + E) | %<br>(F / B) | Balance to<br>Finish<br>(B - F) |
| 31              | 2435-0251224 | INTAKE, SW-512, 24 IN.                                                                        | 1.0             |          | EACH | \$ 2,875.00   | \$ 2,875.00   | 1                                        | \$2,875.00   |                                                | \$2,875.00                                       | 100.0%       |                                 |
| 32              | 2435-0600010 | MANHOLE ADJUSTMENT, MINOR                                                                     | 6.0             |          | EACH | \$ 1,250.00   | \$ 7,500.00   | 4                                        | \$5,000.00   |                                                | \$5,000.00                                       | 66.7%        | \$2,500.00                      |
| 33              | 2502-8212204 | SUBDRAIN, PERFORATED PLASTIC PIPE, 4 IN. DIA.                                                 | 2022.0          |          | LF   | \$ 18.75      | \$ 37,912.50  | 515                                      | \$9,656.25   |                                                | \$9,656.25                                       | 25.5%        | \$28,256.25                     |
| 34              | 2502-8212208 | SUBDRAIN, PERFORATED PLASTIC PIPE, 8 IN. DIA.                                                 | 315.0           |          | LF   | \$ 22.50      | \$ 7,087.50   |                                          |              |                                                |                                                  |              | \$7,087.50                      |
| 35              | 2502-8221006 | SUBDRAIN RISER, 6 IN., AS PER PLAN                                                            | 6.0             |          | EACH | \$ 690.00     | \$ 4,140.00   |                                          |              |                                                |                                                  |              | \$4,140.00                      |
| 36              | 2502-8221303 | SUBDRAIN OUTLET, DR-303                                                                       | 8.0             |          | EACH | \$ 250.00     | \$ 2,000.00   | 1                                        | \$250.00     |                                                | \$250.00                                         | 12.5%        | \$1,750.00                      |
| 37              | 2502-8225010 | SUBDRAIN OUTLET, 500-10                                                                       | 2.0             |          | EACH | \$ 470.00     | \$ 940.00     | 2                                        | \$940.00     |                                                | \$940.00                                         | 100.0%       |                                 |
| 38              | 2503-0114212 | STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN. | 2.0             |          | LF   | \$ 563.00     | \$ 1,126.00   | 2                                        | \$1,126.00   |                                                | \$1,126.00                                       | 100.0%       |                                 |
| 39              | 2503-0114215 | STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN. | 285.0           |          | LF   | \$ 100.00     | \$ 28,500.00  | 179                                      | \$17,900.00  |                                                | \$17,900.00                                      | 62.8%        | \$10,600.00                     |
| 40              | 2503-0114218 | STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN. | 184.0           |          | LF   | \$ 106.50     | \$ 19,596.00  | 192                                      | \$20,448.00  |                                                | \$20,448.00                                      | 104.3%       | -\$852.00                       |
| 41              | 2503-0114224 | STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN. | 242.0           |          | LF   | \$ 120.00     | \$ 29,040.00  | 133                                      | \$15,960.00  |                                                | \$15,960.00                                      | 55.0%        | \$13,080.00                     |
| 42              | 2503-0200036 | REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.                                          | 1074.0          |          | LF   | \$ 37.50      | \$ 40,275.00  | 820                                      | \$30,750.00  |                                                | \$30,750.00                                      | 76.4%        | \$9,525.00                      |
| 43              | 2507-3250005 | ENGINEERING FABRIC                                                                            | 112.0           |          | SY   | \$ 6.25       | \$ 700.00     |                                          |              |                                                |                                                  |              | \$700.00                        |
| 44              | 2507-8029000 | EROSION STONE                                                                                 | 22.0            |          | TON  | \$ 75.00      | \$ 1,650.00   |                                          |              |                                                |                                                  |              | \$1,650.00                      |
| 45              | 2510-6745850 | REMOVAL OF PAVEMENT                                                                           | 13604.0         |          | SY   | \$ 11.75      | \$ 159,847.00 | 8648.39                                  | \$101,618.58 |                                                | \$101,618.58                                     | 63.6%        | \$58,228.42                     |
| 46              | 2511-6745900 | REMOVAL OF SIDEWALK                                                                           | 23.0            |          | SY   | \$ 10.00      | \$ 230.00     |                                          |              |                                                |                                                  |              | \$230.00                        |
| 47              | 2515-2475007 | DRIVEWAY, P.C. CONCRETE, 7 IN.                                                                | 1384.0          |          | SY   | \$ 75.00      | \$ 103,800.00 |                                          |              |                                                |                                                  |              | \$103,800.00                    |
| 48              | 2518-6910000 | SAFETY CLOSURE                                                                                | 31.0            |          | EACH | \$ 125.00     | \$ 3,875.00   |                                          |              |                                                |                                                  |              | \$3,875.00                      |
| 49              | 2524-6765010 | REMOVE AND REINSTALL SIGN AS PER PLAN                                                         | 2.0             |          | EACH | \$ 190.00     | \$ 380.00     | 2                                        | \$380.00     |                                                | \$380.00                                         | 100.0%       |                                 |
| 50              | 2525-0000100 | TRAFFIC SIGNALIZATION                                                                         | 1.0             |          | LS   | \$ 392,000.00 | \$ 392,000.00 |                                          |              |                                                |                                                  |              | \$392,000.00                    |
| 51              | 2527-9263109 | PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED                                         | 177.2           |          | STA  | \$ 40.00      | \$ 7,088.00   |                                          |              |                                                |                                                  |              | \$7,088.00                      |
| 52              | 2527-9263118 | PAINTED PAVEMENT MARKINGS, TEMPORARY                                                          | 152.2           |          | STA  | \$ 165.00     | \$ 25,113.00  | 111.19                                   | \$18,346.35  |                                                | \$18,346.35                                      | 73.1%        | \$6,766.65                      |
| 53              | 2527-9263137 | PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED                                      | 13.0            |          | EACH | \$ 108.00     | \$ 1,404.00   |                                          |              |                                                |                                                  |              | \$1,404.00                      |
| 54              | 2527-9263180 | PAVEMENT MARKINGS REMOVED                                                                     | 13.1            |          | STA  | \$ 69.00      | \$ 903.90     | 25.82                                    | \$1,781.58   |                                                | \$1,781.58                                       | 197.1%       | -\$877.68                       |
| 55              | 2527-9270111 | GROOVES CUT FOR PAVEMENT MARKINGS                                                             | 127.4           |          | STA  | \$ 45.00      | \$ 5,733.00   |                                          |              |                                                |                                                  |              | \$5,733.00                      |
| 56              | 2527-9270120 | GROOVES CUT FOR SYMBOLS AND LEGENDS                                                           | 12.0            |          | EACH | \$ 125.00     | \$ 1,500.00   |                                          |              |                                                |                                                  |              | \$1,500.00                      |
| 57              | 2528-8445110 | TRAFFIC CONTROL                                                                               | 1.0             |          | LS   | \$ 200,000.00 | \$ 200,000.00 | 0.5                                      | \$100,000.00 |                                                | \$100,000.00                                     | 50.0%        | \$100,000.00                    |
| 58              | 2528-8445113 | FLAGGERS                                                                                      | 10.0            |          | EACH | \$ 480.00     | \$ 4,800.00   | 45                                       | \$21,600.00  |                                                | \$21,600.00                                      | 450.0%       | -\$16,800.00                    |
| 59              | 2528-9290050 | PORTABLE DYNAMIC MESSAGE SIGN (PDMS)                                                          | 15.0            |          | CDAY | \$ 125.00     | \$ 1,875.00   | 22                                       | \$2,750.00   |                                                | \$2,750.00                                       | 146.7%       | -\$875.00                       |
| 60              | 2533-4980005 | MOBILIZATION                                                                                  | 1.0             |          | LS   | \$ 473,000.00 | \$ 473,000.00 | 1                                        | \$473,000.00 |                                                | \$473,000.00                                     | 100.0%       |                                 |

## Progress Estimate

## Contractor's Application

| For (contract): |              | SE 37th Street at HWY 141 Improvements.                 |          |     |      |              | DOT Proj. No.: STBG-SWAP-3125(614)--SG-77 |           |                       | Application Number: 9       |                       |              |                       |
|-----------------|--------------|---------------------------------------------------------|----------|-----|------|--------------|-------------------------------------------|-----------|-----------------------|-----------------------------|-----------------------|--------------|-----------------------|
| Contractor:     |              | Concrete Technologies, Inc.                             |          |     |      |              | Engineer's Proj. No.: 1005-17A            |           |                       | Application Date: 9/10/2019 |                       |              |                       |
| A               |              |                                                         | B        |     |      |              |                                           | C         | D                     | E                           | F                     |              | G                     |
| Item            |              |                                                         | Bid      | CO  |      |              |                                           | Estimated |                       | Materials                   | Total Completed       | %            | Balance to            |
| Bid Item No.    | Item Code    | Description                                             | Quantity | 01  | Unit | Unit Price   | Bid Value                                 | Installed | Value                 | Presently Stored (not in C) | Date (D + E)          | (F / B)      | (B - F)               |
| 61              | 2552-0000210 | TRENCH FOUNDATION                                       | 100.0    |     | TON  | \$ 50.00     | \$ 5,000.00                               |           |                       |                             |                       |              | \$5,000.00            |
| 62              | 2552-0000220 | REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL             | 200.0    |     | CY   | \$ 15.00     | \$ 3,000.00                               |           |                       |                             |                       |              | \$3,000.00            |
| 63              | 2552-0000300 | TRENCH COMPACTION TESTING                               | 1.0      |     | LS   | \$ 17,500.00 | \$ 17,500.00                              |           |                       |                             |                       |              | \$17,500.00           |
| 64              | 2554-0212020 | VALVE BOX EXTENSION                                     | 12.0     |     | EACH | \$ 250.00    | \$ 3,000.00                               | 2         | \$500.00              |                             | \$500.00              | 16.7%        | \$2,500.00            |
| 65              | 2599-9999005 | HYDRANT RELOCATION                                      | 1.0      |     | EACH | \$ 4,500.00  | \$ 4,500.00                               |           |                       |                             |                       |              | \$4,500.00            |
| 66              | 2599-9999005 | PROTECT TREE                                            | 8.0      |     | EACH | \$ 500.00    | \$ 4,000.00                               |           |                       |                             |                       |              | \$4,000.00            |
| 67              | 2599-9999009 | SUBDRAIN, TRENCHED, 15 IN. DIA.                         | 2626.0   |     | LF   | \$ 100.00    | \$ 262,600.00                             | 1709      | \$170,900.00          |                             | \$170,900.00          | 65.1%        | \$91,700.00           |
| 68              | 2599-9999009 | SUBDRAIN, TRENCHED, 18 IN. DIA.                         | 254.0    |     | LF   | \$ 145.00    | \$ 36,830.00                              | 254       | \$36,830.00           |                             | \$36,830.00           | 100.0%       |                       |
| 69              | 2599-9999009 | SUBDRAIN, TRENCHED, 24 IN. DIA.                         | 41.0     |     | LF   | \$ 200.00    | \$ 8,200.00                               | 43        | \$8,600.00            |                             | \$8,600.00            | 104.9%       | -\$400.00             |
| 70              | 2601-2634150 | MULCHING, WOOD CELLULOSE FIBER                          | 2.7      |     | ACRE | \$ 2,750.00  | \$ 7,425.00                               |           |                       |                             |                       |              | \$7,425.00            |
| 71              | 2601-2636044 | SEEDING AND FERTILIZING (URBAN)                         | 5.4      |     | ACRE | \$ 1,190.00  | \$ 6,426.00                               |           |                       |                             |                       |              | \$6,426.00            |
| 72              | 2601-2638352 | SLOPE PROTECTION, WOOD EXCELSTOR MAT                    | 34.0     |     | SQ   | \$ 25.00     | \$ 850.00                                 |           |                       |                             |                       |              | \$850.00              |
| 73              | 2602-0000020 | SILT FENCE                                              | 3180.0   |     | LF   | \$ 1.90      | \$ 6,042.00                               | 685       | \$1,301.50            |                             | \$1,301.50            | 21.5%        | \$4,740.50            |
| 74              | 2602-0000071 | REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS    | 3180.0   |     | LF   | \$ 0.25      | \$ 795.00                                 |           |                       |                             |                       |              | \$795.00              |
| 75              | 2602-0000101 | MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK | 3180.0   |     | LF   | \$ 0.25      | \$ 795.00                                 |           |                       |                             |                       |              | \$795.00              |
| 76              | 2602-0000150 | STABILIZED CONSTRUCTION ENTRANCE                        | 144.0    |     | LF   | \$ 95.00     | \$ 13,680.00                              |           |                       |                             |                       |              | \$13,680.00           |
| 77              | 2602-0000309 | PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA. | 1040.0   |     | LF   | \$ 3.25      | \$ 3,380.00                               | 1265      | \$4,111.25            |                             | \$4,111.25            | 121.6%       | -\$731.25             |
| 78              | 2602-0000350 | REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE  | 1040.0   |     | LF   | \$ 0.25      | \$ 260.00                                 |           |                       |                             |                       |              | \$260.00              |
| 79              | 2602-0010010 | MOBILIZATIONS, EROSION CONTROL                          | 12.0     |     | EACH | \$ 500.00    | \$ 6,000.00                               | 2         | \$1,000.00            |                             | \$1,000.00            | 16.7%        | \$5,000.00            |
| 80              | 2602-0010020 | MOBILIZATIONS, EMERGENCY EROSION CONTROL                | 4.0      |     | EACH | \$ 1,000.00  | \$ 4,000.00                               |           |                       |                             |                       |              | \$4,000.00            |
| 8001            | 2435-0700010 | CONNECTION TO EXISTING MANHOLE                          |          | 1.0 | EACH | \$ 800.00    | \$ 800.00                                 | 1         | \$800.00              |                             | \$800.00              | 100.0%       |                       |
| <b>Totals</b>   |              |                                                         |          |     |      |              | <b>\$5,276,222.15</b>                     |           | <b>\$2,471,097.77</b> |                             | <b>\$2,471,097.77</b> | <b>46.8%</b> | <b>\$2,805,124.39</b> |



# TRANSMITTAL

Aspen Business Park | 414 South 17<sup>th</sup> Street, Suite 107 | Ames, Iowa 50010

DATE: September 4, 2019

TO: Jake Anderson  
City Administrator  
City of Grimes  
101 NE Harvey Street  
Grimes, Iowa 50111

RE: New Jordan Well  
Project No.: 3364-17D

DELIVERY: E-Mail

ITEMS: 1. Grosch Irrigation Co. Pay Application No. 6

## COMMENTS:

Enclosed is Grosch Irrigation Co. Inc. pay application No. 6 for the New Jordan Well project. This pay application includes payment for Well Water Pollution Prevention Plan (WWPPP), well development (including set-up and removal), test pumping (including set-up and removal), and video recording of the completed well. Some electrical and controls work is also included, which is primarily the concrete work for the switchgear and electrical building.

Payment for stored controls equipment is requested as well. A new control panel and several controls components are stored in Jetco's facility in Altoona. An invoice, insurance certificates, and photos of the materials are included with this application for payment. FOX finds payment for these stored materials to be reasonable given the submitted documentation, but it is at the Owner's discretion to determine if the documentation is satisfactory. This is covered by Article 15.01.B.A.1 of the General Conditions.

We have reviewed this pay application along with the construction progress and recommend that it be paid. Please review and let me know if you have any questions. If not, this should be placed on the next council meeting agenda for approval. Once approved, please sign and return via email.

  
Taylor Hopper, P.E.





## Contractor's Application for Payment No. 6

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Application Period: 7/23/19 - 8/23/19 | Application Date: 8/23/2019      |
| To (Owner): City of Grimes Iowa       | Via (Engineer): FOX Engineering  |
| Project: New Jordan Well              | Contract: New Jordan Well        |
| Owner's Contract No.:                 | Engineer's Project No.: 3364-17D |

### Application For Payment Change Order Summary

| Approved Change Orders |             |             | 1. ORIGINAL CONTRACT PRICE.....                                | \$ 3,561,153.00 |
|------------------------|-------------|-------------|----------------------------------------------------------------|-----------------|
| Number                 | Additions   | Deductions  | 2. Net change by Change Orders.....                            | \$ 19,392.10    |
| 1                      | \$19,392.10 |             | 3. Current Contract Price (Line 1 + 2).....                    | \$ 3,580,545.10 |
|                        |             |             | 4. TOTAL COMPLETED AND STORED TO DATE                          |                 |
|                        |             |             | (Column F total on Progress Estimates).....                    | \$ 2,290,852.50 |
|                        |             |             | 5. RETAINAGE:                                                  |                 |
|                        |             |             | a. 5% X \$2,243,552.50 Work Completed.....                     | \$ 112,177.63   |
|                        |             |             | b. 5% X \$47,300.00 Stored Material.....                       | \$ 2,365.00     |
|                        |             |             | c. Total Retainage (Line 5.a + Line 5.b).....                  | \$ 114,542.63   |
|                        |             |             | 6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c).....            | \$ 2,176,309.88 |
|                        |             |             | 7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... | \$ 1,901,966.88 |
|                        |             |             | 8. AMOUNT DUE THIS APPLICATION.....                            | \$ 274,343.00   |
|                        |             |             | 9. BALANCE TO FINISH, PLUS RETAINAGE                           |                 |
|                        |             |             | (Column G total on Progress Estimates + Line 5.c above).....   | \$ 1,404,735.23 |
| TOTAL \$               | \$19,392.10 |             |                                                                |                 |
| NET CHANGE BY          |             | \$19,392.10 |                                                                |                 |
| CHANGE ORDERS          |             |             |                                                                |                 |

### Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment.

(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and

(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

### Contractor Signature

By:  Date: 9-4-19

Payment of: \$ **274,343.00**  
(Line 8 or other - attach explanation of the other amount)

is recommended by:  **9/4/2019**  
(Engineer) (Date)

Payment of: \$ \_\_\_\_\_  
(Line 8 or other - attach explanation of the other amount)

is approved by: \_\_\_\_\_  
(Owner) (Date)

Approved by: \_\_\_\_\_  
Funding or Financing Entity (if applicable) (Date)

### Progress Estimate - Unit Price Work

### Contractor's Application

| For (Contract): New Jordan Well       |                                                      |                      |       |              |                          |                              | Application Number: 6           |                                       |                                            |           |                           |
|---------------------------------------|------------------------------------------------------|----------------------|-------|--------------|--------------------------|------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|-----------|---------------------------|
| Application Period: 7/23/19 - 8/23/19 |                                                      |                      |       |              |                          |                              | Application Date: 8/23/2019     |                                       |                                            |           |                           |
| A                                     |                                                      |                      |       |              | B                        | C                            | D                               | E                                     | F                                          |           |                           |
| Item                                  |                                                      | Contract Information |       |              |                          | Estimated Quantity Installed | Value of Work Installed to Date | Materials Presently Stored (not in C) | Total Completed and Stored to Date (D + E) | % (F / B) | Balance to Finish (B - F) |
| Bid Item No.                          | Description                                          | Item Quantity        | Units | Unit Price   | Total Value of Item (\$) |                              |                                 |                                       |                                            |           |                           |
| 1                                     | Submittal Exchange Fee (Allowance)                   | 1                    | LS    | \$4,200.00   | \$4,200.00               | 1                            | \$4,200.00                      |                                       | \$4,200.00                                 | 100.0%    |                           |
| 2                                     | Mobilization/demobilization                          | 1                    | LS    | \$448,500.00 | \$448,500.00             | 0.9                          | \$403,650.00                    |                                       | \$403,650.00                               | 90.0%     | \$44,850.00               |
| 3                                     | Water Well Pollution Prevention Plan (WWPPP)         | 1                    | LS    | \$15,000.00  | \$15,000.00              | 1                            | \$15,000.00                     |                                       | \$15,000.00                                | 100.0%    |                           |
| 4                                     | Drilled Hole & Surface Casing                        | 323                  | LF    | \$659.00     | \$212,857.00             | 328                          | \$216,152.00                    |                                       | \$216,152.00                               | 101.5%    | -\$3,295.00               |
| 5                                     | 22" Drilled Hole                                     | 1807                 | LF    | \$323.00     | \$583,661.00             | 1777                         | \$573,971.00                    |                                       | \$573,971.00                               | 98.3%     | \$9,690.00                |
| 6                                     | Ream 22" Drilled Hole to 28" Drilled hole            | 400                  | LF    | \$263.00     | \$105,200.00             | 400                          | \$105,200.00                    |                                       | \$105,200.00                               | 100.0%    |                           |
| 7                                     | 24" Well Casing                                      | 723                  | LF    | \$164.00     | \$118,572.00             | 718                          | \$117,752.00                    |                                       | \$117,752.00                               | 99.3%     | \$820.00                  |
| 8                                     | 18" Well Casing                                      | 1407                 | LF    | \$167.00     | \$234,969.00             | 1372                         | \$229,124.00                    |                                       | \$229,124.00                               | 97.5%     | \$5,845.00                |
| 9                                     | Grouting Set-Up & Removal                            | 2                    | LS    | \$15,600.00  | \$31,200.00              | 2                            | \$31,200.00                     |                                       | \$31,200.00                                | 100.0%    |                           |
| 10                                    | Grout Casing                                         | 2600                 | Sacks | \$12.10      | \$31,460.00              | 2334                         | \$28,241.40                     |                                       | \$28,241.40                                | 89.8%     | \$3,218.60                |
| 11                                    | 16" Drilled Hole                                     | 344                  | LF    | \$336.00     | \$115,584.00             | 375                          | \$126,000.00                    |                                       | \$126,000.00                               | 109.0%    | -\$10,416.00              |
| 12                                    | Well Development Set-Up & Removal                    | 1                    | LS    | \$15,000.00  | \$15,000.00              | 1                            | \$15,000.00                     |                                       | \$15,000.00                                | 100.0%    |                           |
| 13                                    | Well Development                                     | 48                   | HRS   | \$375.00     | \$18,000.00              | 48                           | \$18,000.00                     |                                       | \$18,000.00                                | 100.0%    |                           |
| 14                                    | Production Pump test set-up & removal                | 1                    | LS    | \$55,000.00  | \$55,000.00              | 1                            | \$55,000.00                     |                                       | \$55,000.00                                | 100.0%    |                           |
| 15                                    | Well prodction pump test                             | 72                   | HRS   | \$375.00     | \$27,000.00              | 72                           | \$27,000.00                     |                                       | \$27,000.00                                | 100.0%    |                           |
| 16                                    | Water Quality Testing                                | 1                    | LS    | \$3,750.00   | \$3,750.00               |                              |                                 |                                       |                                            |           | \$3,750.00                |
| 17                                    | Video Record of Completed Well                       | 1                    | LS    | \$1,200.00   | \$1,200.00               | 1                            | \$1,200.00                      |                                       | \$1,200.00                                 | 100.0%    |                           |
| 18                                    | Pump & Motor                                         | 1                    | LS    | \$236,000.00 | \$236,000.00             |                              |                                 |                                       |                                            |           | \$236,000.00              |
| 19                                    | Pump Installation, Column, Electric Cable, & Airline | 1                    | LS    | \$250,000.00 | \$250,000.00             |                              |                                 |                                       |                                            |           | \$250,000.00              |
| 20                                    | Pitless Unit                                         | 1                    | LS    | \$70,000.00  | \$70,000.00              |                              |                                 |                                       |                                            |           | \$70,000.00               |
| 21                                    | Well Disinfection                                    | 1                    | LS    | \$7,500.00   | \$7,500.00               |                              |                                 |                                       |                                            |           | \$7,500.00                |
| 22                                    | Meter Manhole                                        | 1                    | LS    | \$33,000.00  | \$33,000.00              |                              |                                 |                                       |                                            |           | \$33,000.00               |
| 23                                    | 12" Raw Watermain & Appurtenances                    | 1                    | LS    | \$80,000.00  | \$80,000.00              | 0.5                          | \$40,000.00                     |                                       | \$40,000.00                                | 50.0%     | \$40,000.00               |
| 24                                    | Site Work & Restoration                              | 1                    | LS    | \$28,500.00  | \$28,500.00              | 0.63                         | \$17,955.00                     |                                       | \$17,955.00                                | 63.0%     | \$10,545.00               |
| 25                                    | Electric Power & Controls                            | 1                    | LS    | \$745,000.00 | \$745,000.00             | 0.147                        | \$109,515.00                    | \$47,300.00                           | \$156,815.00                               | 21.0%     | \$588,185.00              |
| 26                                    | Sound Control                                        | 1                    | LS    | \$90,000.00  | \$90,000.00              | 1                            | \$90,000.00                     |                                       | \$90,000.00                                | 100.0%    |                           |
| CO 1                                  | Lost Circulation                                     | 1                    | LS    | \$19,392.10  | \$19,392.10              | 1                            | \$19,392.10                     |                                       | \$19,392.10                                | 100.0%    |                           |
|                                       |                                                      |                      |       |              |                          |                              |                                 |                                       |                                            |           |                           |
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ENGINEERS JOINT CONTRACT  
DOCUMENTS COMMITTEE

## Contractor's Application for Payment No.

6

|                                                             |                                        |                                  |  |
|-------------------------------------------------------------|----------------------------------------|----------------------------------|--|
| Application Period: 8/1/2019 to 8/31/2019                   |                                        | Application Date: 9/4/2019       |  |
| To (Owner): City of Grimes                                  | From (Contractor): All Terrain Seeding | Via (Engineer): FOX Engineering  |  |
| Project: Little Beaver & Prairie Creek Channel Improvements |                                        | Contract:                        |  |
| Owner's Contract No.:                                       | Contractor's Project No.:              | Engineer's Project No.: 7024-15B |  |

### Application For Payment Change Order Summary

| Approved Change Orders         |             |            |
|--------------------------------|-------------|------------|
| Number                         | Additions   | Deductions |
| 1                              | \$16,380.00 |            |
| 2                              | \$1,400.00  |            |
| 3                              |             | \$600.00   |
|                                |             |            |
|                                |             |            |
|                                |             |            |
|                                |             |            |
|                                |             |            |
| TOTALS                         | \$17,780.00 | \$600.00   |
| NET CHANGE BY<br>CHANGE ORDERS | \$17,180.00 |            |

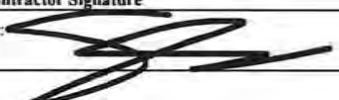
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|------------------------------------------------------------------------------------------------------|----|----------------|
| 1. ORIGINAL CONTRACT PRICE.....                                                                      | \$ | \$1,075,192.00 |
| 2. Net change by Change Orders.....                                                                  | \$ | \$17,180.00    |
| 3. Current Contract Price (Line 1 ± 2).....                                                          | \$ | \$1,092,372.00 |
| 4. TOTAL COMPLETED AND STORED TO DATE<br>(Column F total on Progress Estimates).....                 | \$ | \$466,107.72   |
| 5. RETAINAGE:                                                                                        |    |                |
| a. 5% X \$466,107.72 Work Completed.....                                                             | \$ | \$23,305.39    |
| b. X Stored Material.....                                                                            | \$ |                |
| c. Total Retainage (Line 5.a + Line 5.b).....                                                        | \$ | \$23,305.39    |
| 6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c).....                                                  | \$ | \$442,802.33   |
| 7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....                                       | \$ | \$304,161.71   |
| 8. AMOUNT DUE THIS APPLICATION.....                                                                  | \$ | \$138,640.62   |
| 9. BALANCE TO FINISH, PLUS RETAINAGE<br>(Column G total on Progress Estimates + Line 5.c above)..... | \$ | \$649,569.67   |

### Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

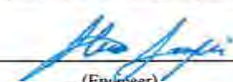
- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
- (2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
- (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

### Contractor Signature

By: 

Date: 9/3/19

Payment of: \$ 138,640.62  
(Line 8 or other - attach explanation of the other amount)

is recommended by:  9/4/2019  
(Engineer) (Date)

Payment of: \$  
(Line 8 or other - attach explanation of the other amount)

is approved by: \_\_\_\_\_  
(Owner) (Date)

Approved by: \_\_\_\_\_  
Funding or Financing Entity (if applicable) (Date)

# Progress Estimate - Unit Price Work

# Contractor's Application

| For (Contract): Little Beaver & Prairie Creek Channel Improvements Project |                                                                                       |                      |       |             |                          | Application Number: 6        |                                 |                                       |                                            |           |                           |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------|-------|-------------|--------------------------|------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|-----------|---------------------------|
| Application Period: August 1, 2019 to August 31, 2019                      |                                                                                       |                      |       |             |                          | Application Date: 9/4/2019   |                                 |                                       |                                            |           |                           |
| A                                                                          |                                                                                       |                      |       |             |                          | B                            | C                               | D                                     | E                                          | F         |                           |
| Bid Item No.                                                               | Item Description                                                                      | Contract Information |       |             |                          | Estimated Quantity Installed | Value of Work Installed to Date | Materials Presently Stored (not in C) | Total Completed and Stored to Date (D + E) | % (F / B) | Balance to Finish (B - F) |
|                                                                            |                                                                                       | Item Quantity        | Units | Unit Price  | Total Value of Item (\$) |                              |                                 |                                       |                                            |           |                           |
| 1.01                                                                       | MOBILIZATION                                                                          | 1                    | LS    | \$38,000.00 | \$38,000.00              | 0.75                         | \$28,500.00                     |                                       | \$28,500.00                                | 75.0%     | \$9,500.00                |
| 1.02                                                                       | TRAFFIC CONTROL                                                                       | 1                    | LS    | \$4,500.00  | \$4,500.00               | 1                            | \$4,500.00                      |                                       | \$4,500.00                                 | 100.0%    |                           |
| 1.03                                                                       | EXPLORATORY DIGGING                                                                   | 20                   | HR    | \$175.00    | \$3,500.00               |                              |                                 |                                       |                                            |           | \$3,500.00                |
| 1.04                                                                       | REMOVE AND REPLACE EXISTING FIELD FENCE                                               | 110                  | LF    | \$15.00     | \$1,650.00               |                              |                                 |                                       |                                            |           | \$1,650.00                |
| 1.05                                                                       | REMOVE AND REPLACE EXISTING CHAIN LINK FENCE                                          | 54                   | LF    | \$30.00     | \$1,620.00               |                              |                                 |                                       |                                            |           | \$1,620.00                |
| 1.06                                                                       | REMOVE AND REPLACE EXISTING WOOD FENCE                                                | 145                  | LF    | \$25.00     | \$3,625.00               |                              |                                 |                                       |                                            |           | \$3,625.00                |
| 1.07                                                                       | REMOVALS, DEBRIS REMOVAL, DEBRIS RELOCATION, AND MISCELLANEOUS REMOVALS               | 20                   | HR    | \$300.00    | \$6,000.00               | 12                           | \$3,600.00                      |                                       | \$3,600.00                                 | 60.0%     | \$2,400.00                |
| 1.08                                                                       | TEMPORARY STREAM FLOW MANAGEMENT                                                      | 1                    | LS    | \$10,371.00 | \$10,371.00              | 1                            | \$10,371.00                     |                                       | \$10,371.00                                | 100.0%    |                           |
| 2.01                                                                       | CLEARING AND GRUBBING, TREE AND BRUSH REMOVAL WITH DISPOSAL OFFSITE, TYPE A           | 6.4                  | AC    | \$10,125.00 | \$64,800.00              | 6.4                          | \$64,800.00                     |                                       | \$64,800.00                                | 100.0%    |                           |
| 2.02                                                                       | CLEARING AND GRUBBING, SELECTIVE TREE AND BRUSH REMOVAL WITH DISPOSAL OFFSITE, TYPE B | 1.9                  | AC    | \$10,000.00 | \$19,000.00              | 1.71                         | \$17,100.00                     |                                       | \$17,100.00                                | 90.0%     | \$1,900.00                |
| 2.03                                                                       | CLEARING AND GRUBBING, SELECTIVE TREE AND BRUSH REMOVAL WITH DISPOSAL OFFSITE, TYPE C | 3.8                  | AC    | \$10,000.00 | \$38,000.00              | 3.42                         | \$34,200.00                     |                                       | \$34,200.00                                | 90.0%     | \$3,800.00                |
| 2.04                                                                       | ADDITIONAL TREE REMOVAL, 6 TO 12-INCH                                                 | 25                   | EA    | \$550.00    | \$13,750.00              | 6                            | \$3,300.00                      |                                       | \$3,300.00                                 | 24.0%     | \$10,450.00               |
| 2.05                                                                       | ADDITIONAL TREE REMOVAL, 13 TO 24-INCH                                                | 15                   | EA    | \$1,000.00  | \$15,000.00              | 4                            | \$4,000.00                      |                                       | \$4,000.00                                 | 26.7%     | \$11,000.00               |
| 2.06                                                                       | ADDITIONAL TREE REMOVAL, 25 TO 48-INCH                                                | 5                    | EA    | \$2,250.00  | \$11,250.00              |                              |                                 |                                       |                                            |           | \$11,250.00               |
| 2.07                                                                       | TOPSOIL, STRIP, SALVAGE, AND RESPREAD, 6-INCHES                                       | 3837                 | CY    | \$10.00     | \$38,370.00              | 3837                         | \$38,370.00                     |                                       | \$38,370.00                                | 100.0%    |                           |
| 2.08                                                                       | EARTHWORK, CHANNEL                                                                    | 10473                | CY    | \$7.00      | \$73,311.00              | 10200                        | \$71,400.00                     |                                       | \$71,400.00                                | 97.4%     | \$1,911.00                |
| 2.09                                                                       | ENGINEERING FABRIC                                                                    | 500                  | SY    | \$4.00      | \$2,000.00               | 40                           | \$160.00                        |                                       | \$160.00                                   | 8.0%      | \$1,840.00                |
| 2.10                                                                       | TEMPORARY SURFACING, CLASS A ROADSTONE                                                | 125                  | TON   | \$40.00     | \$5,000.00               |                              |                                 |                                       |                                            |           | \$5,000.00                |
| 2.11                                                                       | TEMPORARY STREAM CROSSING                                                             | 3                    | EA    | \$2,000.00  | \$6,000.00               | 2                            | \$4,000.00                      |                                       | \$4,000.00                                 | 66.7%     | \$2,000.00                |
| 2.12                                                                       | SECTION A CHANNEL REPAIR                                                              | 570                  | LF    | \$12.00     | \$6,840.00               | 570                          | \$6,840.00                      |                                       | \$6,840.00                                 | 100.0%    |                           |
| 2.13                                                                       | SECTION B CHANNEL REPAIR                                                              | 1237                 | LF    | \$6.00      | \$7,422.00               | 1237                         | \$7,422.00                      |                                       | \$7,422.00                                 | 100.0%    |                           |
| 2.14                                                                       | SECTION C CHANNEL REPAIR                                                              | 1188                 | LF    | \$13.00     | \$15,444.00              | 1047                         | \$13,611.00                     |                                       | \$13,611.00                                | 88.1%     | \$1,833.00                |
| 2.15                                                                       | SECTION D CHANNEL REPAIR                                                              | 742                  | LF    | \$9.00      | \$6,678.00               | 670                          | \$6,030.00                      |                                       | \$6,030.00                                 | 90.3%     | \$648.00                  |
| 2.16                                                                       | SECTION E CHANNEL REPAIR                                                              | 520                  | LF    | \$9.00      | \$4,680.00               | 520                          | \$4,680.00                      |                                       | \$4,680.00                                 | 100.0%    |                           |
| 2.17                                                                       | CHANNEL TOE REPAIR                                                                    | 2110                 | LF    | \$19.00     | \$40,090.00              |                              |                                 |                                       |                                            |           | \$40,090.00               |
| 2.18                                                                       | CHANNEL SLOPE REPAIR                                                                  | 1190                 | LF    | \$25.00     | \$29,750.00              |                              |                                 |                                       |                                            |           | \$29,750.00               |
| 3.01                                                                       | TRENCH FOUNDATION                                                                     | 100                  | TON   | \$40.00     | \$4,000.00               |                              |                                 |                                       |                                            |           | \$4,000.00                |
| 3.02                                                                       | REPLACEMENT OF UNSUITABLE BACKFILL, TRENCH                                            | 100                  | CY    | \$45.00     | \$4,500.00               |                              |                                 |                                       |                                            |           | \$4,500.00                |
| 4.01                                                                       | CORRUGATED POLYETHYLENE TUBING, 6-INCH                                                | 50                   | LF    | \$10.00     | \$500.00                 |                              |                                 |                                       |                                            |           | \$500.00                  |
| 4.02                                                                       | CORRUGATED POLYETHYLENE TUBING, 8-INCH                                                | 50                   | LF    | \$10.00     | \$500.00                 |                              |                                 |                                       |                                            |           | \$500.00                  |
| 4.03                                                                       | SDR 35 PVC, 4-INCH                                                                    | 60                   | LF    | \$12.00     | \$720.00                 | 83                           | \$996.00                        |                                       | \$996.00                                   | 138.3%    | -\$276.00                 |
| 4.04                                                                       | CMP TILE OUTLET PIPE, 6-INCH                                                          | 100                  | LF    | \$22.00     | \$2,200.00               |                              |                                 |                                       |                                            |           | \$2,200.00                |
| 4.05                                                                       | CMP TILE OUTLET PIPE, 8-INCH                                                          | 50                   | LF    | \$28.00     | \$1,400.00               |                              |                                 |                                       |                                            |           | \$1,400.00                |
| 4.06                                                                       | CMP TILE OUTLET PIPE, 10-INCH                                                         | 20                   | LF    | \$40.00     | \$800.00                 |                              |                                 |                                       |                                            |           | \$800.00                  |
| 4.07                                                                       | CMP TILE OUTLET PIPE, 12-INCH                                                         | 10                   | LF    | \$40.00     | \$400.00                 |                              |                                 |                                       |                                            |           | \$400.00                  |
| 4.08                                                                       | CMP TILE OUTLET PIPE, 15-INCH                                                         | 20                   | LF    | \$50.00     | \$1,000.00               |                              |                                 |                                       |                                            |           | \$1,000.00                |
| 4.09                                                                       | TILE REPAIR, 4 TO 6-INCH                                                              | 8                    | EA    | \$500.00    | \$4,000.00               |                              |                                 |                                       |                                            |           | \$4,000.00                |
| 4.10                                                                       | TILE REPAIR, 8 TO 10-INCH                                                             | 5                    | EA    | \$800.00    | \$4,000.00               |                              |                                 |                                       |                                            |           | \$4,000.00                |
| 4.11                                                                       | REMOVE FLARED END SECTION                                                             | 6                    | EA    | \$250.00    | \$1,500.00               |                              |                                 |                                       |                                            |           | \$1,500.00                |
| 4.12                                                                       | STORM SEWER W/ FLARED END SECTION, 15-INCH                                            | 65                   | LF    | \$115.00    | \$7,475.00               |                              |                                 |                                       |                                            |           | \$7,475.00                |
| 4.13                                                                       | STORM SEWER W/ FLARED END SECTION, 18-INCH                                            | 95                   | LF    | \$275.00    | \$26,125.00              |                              |                                 |                                       |                                            |           | \$26,125.00               |
| 4.14                                                                       | STORM SEWER W/ FLARED END SECTION, 24-INCH                                            | 30                   | LF    | \$450.00    | \$13,500.00              |                              |                                 |                                       |                                            |           | \$13,500.00               |
| 6.01                                                                       | STORM SEWER STRUCTURE, SW-401, 48-INCH                                                | 1                    | EA    | \$4,800.00  | \$4,800.00               |                              |                                 |                                       |                                            |           | \$4,800.00                |

# Progress Estimate - Unit Price Work

# Contractor's Application

| For (Contract): Little Beaver & Prairie Creek Channel Improvements Project |                                                                     |                      |       |             |                          |                              | Application Number: 6           |                                       |                                            |           |                           |
|----------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------|-------|-------------|--------------------------|------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|-----------|---------------------------|
| Application Period: August 1, 2019 to August 31, 2019                      |                                                                     |                      |       |             |                          |                              | Application Date: 9/4/2019      |                                       |                                            |           |                           |
| A                                                                          |                                                                     |                      |       |             | B                        | C                            | D                               | E                                     | F                                          |           |                           |
| Item                                                                       |                                                                     | Contract Information |       |             |                          | Estimated Quantity Installed | Value of Work Installed to Date | Materials Presently Stored (not in C) | Total Completed and Stored to Date (D + E) | % (F / B) | Balance to Finish (B - F) |
| Bid Item No.                                                               | Description                                                         | Item Quantity        | Units | Unit Price  | Total Value of Item (\$) |                              |                                 |                                       |                                            |           |                           |
| 6.02                                                                       | REMOVE AND REINSTALL SANITARY SEWER MANHOLE CONE AND BARREL SECTION | 1                    | LS    | \$6,200.00  | \$6,200.00               |                              |                                 |                                       |                                            |           | \$6,200.00                |
| 7.01                                                                       | PAVEMENT AND TRAIL REMOVAL                                          | 596                  | SY    | \$15.00     | \$8,940.00               |                              |                                 |                                       |                                            |           | \$8,940.00                |
| 7.02                                                                       | PCC TRAIL, 6-INCHES                                                 | 596                  | SY    | \$45.00     | \$26,820.00              |                              |                                 |                                       |                                            |           | \$26,820.00               |
| 9.01                                                                       | HYDRAULIC SEEDING, FERTILIZING, AND MULCHING - TYPE 1               | 1.6                  | AC    | \$4,500.00  | \$7,200.00               | 0.26                         | \$1,170.00                      |                                       | \$1,170.00                                 | 16.3%     | \$6,030.00                |
| 9.02                                                                       | HYDRAULIC SEEDING, FERTILIZING, AND MULCHING - MODIFIED TYPE 3A     | 0.6                  | AC    | \$4,000.00  | \$2,400.00               |                              |                                 |                                       |                                            |           | \$2,400.00                |
| 9.03                                                                       | HYDRAULIC SEEDING, FERTILIZING, AND MULCHING - MODIFIED TYPE 3B     | 9.1                  | AC    | \$3,200.00  | \$29,120.00              | 1.46                         | \$4,672.00                      |                                       | \$4,672.00                                 | 16.0%     | \$24,448.00               |
| 9.04                                                                       | OVERSEEDING - MODIFIED TYPE 3B                                      | 1.6                  | AC    | \$1,500.00  | \$2,400.00               |                              |                                 |                                       |                                            |           | \$2,400.00                |
| 9.05                                                                       | HYDRAULIC SEEDING, FERTILIZING, AND MULCHING - TYPE 4               | 1.6                  | AC    | \$1,200.00  | \$1,920.00               |                              |                                 |                                       |                                            |           | \$1,920.00                |
| 9.06                                                                       | HYDRAULIC SEEDING, FERTILIZING, AND MULCHING - TYPE 5               | 12                   | AC    | \$1,500.00  | \$18,000.00              |                              |                                 |                                       |                                            |           | \$18,000.00               |
| 9.07                                                                       | CROSS VANE, CLASS D RIPRAP                                          | 30                   | TON   | \$185.00    | \$5,550.00               | 15                           | \$2,775.00                      |                                       | \$2,775.00                                 | 50.0%     | \$2,775.00                |
| 9.08                                                                       | ROCK RIFFLE, CLASS D RIPRAP                                         | 340                  | TON   | \$70.00     | \$23,800.00              | 210                          | \$14,700.00                     |                                       | \$14,700.00                                | 61.8%     | \$9,100.00                |
| 9.09                                                                       | STONE DEFLECTORS, CLASS B RIPRAP                                    | 100                  | TON   | \$60.00     | \$6,000.00               |                              |                                 |                                       |                                            |           | \$6,000.00                |
| 9.10                                                                       | TOE PROTECTION, CLASS D RIPRAP                                      | 3212                 | TON   | \$52.00     | \$167,024.00             | 1186.36                      | \$61,690.72                     |                                       | \$61,690.72                                | 36.9%     | \$105,333.28              |
| 9.11                                                                       | TOE PROTECTION, 12-INCH COIR LOG                                    | 4394                 | LF    | \$9.50      | \$41,743.00              | 3200                         | \$30,400.00                     |                                       | \$30,400.00                                | 72.8%     | \$11,343.00               |
| 9.12                                                                       | RIP RAP, EROSION STONE                                              | 300                  | TON   | \$40.00     | \$12,000.00              |                              |                                 |                                       |                                            |           | \$12,000.00               |
| 9.13                                                                       | RIP RAP, CLASS D REVETMENT                                          | 250                  | TON   | \$55.00     | \$13,750.00              |                              |                                 |                                       |                                            |           | \$13,750.00               |
| 9.14                                                                       | RIP RAP, CLASS E REVETMENT                                          | 450                  | TON   | \$45.00     | \$20,250.00              |                              |                                 |                                       |                                            |           | \$20,250.00               |
| 9.15                                                                       | TEMPORARY ROLLED EROSION CONTROL PRODUCT, FIBER MATTING             | 18223                | SY    | \$3.00      | \$54,669.00              |                              |                                 |                                       |                                            |           | \$54,669.00               |
| 9.16                                                                       | TEMPORARY ROLLED EROSION CONTROL PRODUCT, TYPE 2 C                  | 100                  | SY    | \$4.00      | \$400.00                 |                              |                                 |                                       |                                            |           | \$400.00                  |
| 9.17                                                                       | TEMPORARY ROLLED EROSION CONTROL PRODUCT, TYPE 2 D                  | 100                  | SY    | \$4.00      | \$400.00                 |                              |                                 |                                       |                                            |           | \$400.00                  |
| 9.18                                                                       | TEMPORARY ROLLED EROSION CONTROL PRODUCT, TYPE 3 B                  | 100                  | SY    | \$4.00      | \$400.00                 |                              |                                 |                                       |                                            |           | \$400.00                  |
| 9.19                                                                       | TURF REINFORCEMENT MATTING, TYPE 2                                  | 275                  | SY    | \$16.00     | \$4,400.00               |                              |                                 |                                       |                                            |           | \$4,400.00                |
| 9.20                                                                       | EROSION CONTROL, SILT FENCE, INSTALL & REMOVE                       | 1565                 | LF    | \$3.00      | \$4,695.00               |                              |                                 |                                       |                                            |           | \$4,695.00                |
| 9.21                                                                       | EROSION CONTROL, STABILIZED CONTRUCTION ENTRANCE                    | 366                  | TON   | \$40.00     | \$14,640.00              | 75.25                        | \$3,010.00                      |                                       | \$3,010.00                                 | 20.6%     | \$11,630.00               |
| 9.22                                                                       | EROSION CONTROL, TILE OUTLET PROTECTION                             | 25                   | EA    | \$500.00    | \$12,500.00              |                              |                                 |                                       |                                            |           | \$12,500.00               |
| 9.23                                                                       | EROSION CONTROL, SURFACE ROUGHENING                                 | 11                   | AC    | \$200.00    | \$2,200.00               | 2                            | \$400.00                        |                                       | \$400.00                                   | 18.2%     | \$1,800.00                |
| 9.24                                                                       | EROSION CONTROL, TEMPORARY ROCK CHECK DAM                           | 4                    | EA    | \$1,200.00  | \$4,800.00               |                              |                                 |                                       |                                            |           | \$4,800.00                |
| 9.25                                                                       | EROSION CONTROL, STRAW WATTLE, 6-INCH                               | 2500                 | LF    | \$2.00      | \$5,000.00               | 200                          | \$400.00                        |                                       | \$400.00                                   | 8.0%      | \$4,600.00                |
| 9.26                                                                       | TREE DRY WELL                                                       | 10                   | EA    | \$650.00    | \$6,500.00               | 5                            | \$3,250.00                      |                                       | \$3,250.00                                 | 50.0%     | \$3,250.00                |
| 9.27                                                                       | PLANTS WITH WARRANTY, 1-1/2 INCH CALIPER TREE                       | 33                   | EA    | \$300.00    | \$9,900.00               |                              |                                 |                                       |                                            |           | \$9,900.00                |
| A1.01                                                                      | NATIVE SEEDING MAINTENANCE                                          | 1                    | LS    | \$9,500.00  | \$9,500.00               |                              |                                 |                                       |                                            |           | \$9,500.00                |
| A1.02                                                                      | ADDITIONAL MOWING                                                   | 4                    | EA    | \$2,000.00  | \$8,000.00               |                              |                                 |                                       |                                            |           | \$8,000.00                |
|                                                                            |                                                                     |                      |       |             |                          |                              |                                 |                                       |                                            |           |                           |
| CO1                                                                        | Additional Tree Removal (Raw Water Main Project)                    | 1                    | LS    | \$16,380.00 | \$16,380.00              | 1                            | \$16,380.00                     |                                       | \$16,380.00                                | 100.0%    |                           |
| CO2                                                                        | Tree Transplant and 48-inch Tree Removal                            | 1                    | LS    | \$1,400.00  | \$1,400.00               | 1                            | \$1,400.00                      |                                       | \$1,400.00                                 | 100.0%    |                           |
| CO3                                                                        | Seeding, Fertilizing, and Straw Mulch                               | 3                    | AC    | \$3,000.00  | \$9,000.00               | 0.66                         | \$1,980.00                      |                                       | \$1,980.00                                 | 22.0%     | \$7,020.00                |
| CO3                                                                        | Hydraulic Seeding, Fertilizer, and Mulching - Modified Type 3B      | -3                   | AC    | \$3,200.00  | -\$9,600.00              |                              |                                 |                                       |                                            |           | -\$9,600.00               |
|                                                                            | Totals                                                              |                      |       |             | \$1,092,372.00           |                              | \$466,107.72                    |                                       | \$466,107.72                               | 42.7%     | \$626,264.28              |



### Stored Material Summary

### Contractor's Application

[illegible]



ENGINEERS JOINT CONTRACT  
DOCUMENTS COMMITTEE

## Contractor's Application for Payment No. 3

|                                        |                                                |                                  |
|----------------------------------------|------------------------------------------------|----------------------------------|
| Application Period: August, 2019       |                                                | Application Date: 8/30/2019      |
| To (Owner): City of Grimes             | From (Contractor): Progressive Structures, LLC | Via (Engineer): FOX Engineering  |
| Project: Grimes 16-inch Raw Water Main | Contract: Grimes 16-inch Raw Water Main        |                                  |
| Owner's Contract No.:                  | Contractor's Project No.:                      | Engineer's Project No.: 3364-17E |

### Application For Payment Change Order Summary

| Approved Change Orders         |           |            | 1. ORIGINAL CONTRACT PRICE                                | \$ 1,134,265.75 |
|--------------------------------|-----------|------------|-----------------------------------------------------------|-----------------|
| Number                         | Additions | Deductions | 2. Net change by Change Orders                            | \$ -53,211.63   |
| 1                              |           | \$3,211.63 | 3. Current Contract Price (Line 1 ± 2)                    | \$ 1,131,054.12 |
|                                |           |            | 4. TOTAL COMPLETED AND STORED TO DATE                     |                 |
|                                |           |            | (Column F total on Progress Estimates)                    | \$ 885,316.06   |
|                                |           |            | 5. RETAINAGE:                                             |                 |
|                                |           |            | a. 5% X 885,316.06 Work Completed                         | \$ 44,265.80    |
|                                |           |            | b. X Stored Material                                      | \$              |
|                                |           |            | c. Total Retainage (Line 5.a + Line 5.b)                  | \$ 44,265.80    |
|                                |           |            | 6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)            | \$ 841,050.25   |
|                                |           |            | 7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application) | \$ 746,681.22   |
|                                |           |            | 8. AMOUNT DUE THIS APPLICATION                            | \$ 394,369.03   |
|                                |           |            | 9. BALANCE TO FINISH, PLUS RETAINAGE                      |                 |
|                                |           |            | (Column G total on Progress Estimates + Line 5.c above)   | \$ 290,003.87   |
| TOTALS                         |           | \$3,211.63 |                                                           |                 |
| NET CHANGE BY<br>CHANGE ORDERS |           | -53,211.63 |                                                           |                 |

### Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:  
(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;  
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and  
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature

By: Travis Augustyn

Date: 08-31-19

Payment of: \$ 394,369.03  
(Line 8 or other - attach explanation of the other amount)

is recommended by: Sam Nicholas 8/30/19  
(Engineer) (Date)

Payment of: \$  
(Line 8 or other - attach explanation of the other amount)

is approved by: \_\_\_\_\_  
(Owner) (Date)

Approved by: \_\_\_\_\_  
Funding or Financing Entity (if applicable) (Date)



## Contractor's Application for Payment No. 3

|                                        |                                                |                                  |  |
|----------------------------------------|------------------------------------------------|----------------------------------|--|
| Application Period: August, 2019       |                                                | Application Date: 8/30/2019      |  |
| To (Owner): City of Grimes             | From (Contractor): Progressive Structures, LLC | Via (Engineer): FOX Engineering  |  |
| Project: Grimes 16-inch Raw Water Main | Contract: Grimes 16-inch Raw Water Main        |                                  |  |
| Owner's Contract No.:                  | Contractor's Project No.:                      | Engineer's Project No.: 3364-17E |  |

### Application For Payment Change Order Summary

| Approved Change Orders         |           |             |  |
|--------------------------------|-----------|-------------|--|
| Number                         | Additions | Deductions  |  |
| 1                              |           | \$3,211.63  |  |
|                                |           |             |  |
|                                |           |             |  |
|                                |           |             |  |
|                                |           |             |  |
|                                |           |             |  |
|                                |           |             |  |
| TOTALS                         |           | \$3,211.63  |  |
| NET CHANGE BY<br>CHANGE ORDERS |           | -\$3,211.63 |  |

|                                                                |                   |
|----------------------------------------------------------------|-------------------|
| 1. ORIGINAL CONTRACT PRICE.....                                | \$ \$1,134,265.75 |
| 2. Net change by Change Orders.....                            | \$ -\$3,211.63    |
| 3. Current Contract Price (Line 1 ± 2).....                    | \$ \$1,131,054.12 |
| <b>4. TOTAL COMPLETED AND STORED TO DATE</b>                   |                   |
| (Column F total on Progress Estimates).....                    | \$ \$885,316.06   |
| <b>5. RETAINAGE:</b>                                           |                   |
| a. 5% X \$885,316.06 Work Completed.....                       | \$ \$44,265.80    |
| b. X Stored Material.....                                      | \$                |
| c. Total Retainage (Line 5.a + Line 5.b).....                  | \$ \$44,265.80    |
| 6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c).....            | \$ \$841,050.25   |
| 7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)..... | \$ \$746,681.22   |
| 8. AMOUNT DUE THIS APPLICATION.....                            | \$ \$94,369.03    |
| <b>9. BALANCE TO FINISH, PLUS RETAINAGE</b>                    |                   |
| (Column G total on Progress Estimates + Line 5.c above).....   | \$ \$290,003.87   |

#### Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;

(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and

(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

#### Contractor Signature

|           |             |
|-----------|-------------|
| By: _____ | Date: _____ |
|-----------|-------------|

|                    |                                             |                                                            |
|--------------------|---------------------------------------------|------------------------------------------------------------|
| Payment of:        | \$                                          | \$94,369.03                                                |
|                    |                                             | (Line 8 or other - attach explanation of the other amount) |
| is recommended by: | _____                                       | _____                                                      |
|                    | (Engineer)                                  | (Date)                                                     |
| Payment of:        | \$                                          |                                                            |
|                    |                                             | (Line 8 or other - attach explanation of the other amount) |
| is approved by:    | _____                                       | _____                                                      |
|                    | (Owner)                                     | (Date)                                                     |
| Approved by:       | _____                                       | _____                                                      |
|                    | Funding or Financing Entity (if applicable) | (Date)                                                     |



# Progress Estimate - Unit Price Work

# Contractor's Application

| For (Contract): Grimes 16-inch Raw Water Main |                                                                                |                      |                       |                |       |              |                          |                              |                                 | Application Number: 3                 |                                            |           |                           |
|-----------------------------------------------|--------------------------------------------------------------------------------|----------------------|-----------------------|----------------|-------|--------------|--------------------------|------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|-----------|---------------------------|
| Application Period: August, 2019              |                                                                                |                      |                       |                |       |              |                          |                              |                                 | Application Date: 8/30/2019           |                                            |           |                           |
| A                                             |                                                                                |                      |                       |                |       |              | B                        | C                            | D                               | E                                     | F                                          |           |                           |
| Item                                          |                                                                                | Contract Information |                       |                |       |              |                          | Estimated Quantity Installed | Value of Work Installed to Date | Materials Presently Stored (not in C) | Total Completed and Stored to Date (D + E) | % (F / B) | Balance to Finish (B - F) |
| Bid Item No.                                  | Description                                                                    | Item Quantity        | Quantity Change by CO | Total Quantity | Units | Unit Price   | Total Value of Item (\$) |                              |                                 |                                       |                                            |           |                           |
| 1.01                                          | MOBILIZATION                                                                   | 1                    |                       | 1              | LS    | \$ 65,000.00 | \$65,000.00              | 1                            | \$65,000.00                     |                                       | \$65,000.00                                | 100.0%    |                           |
| 1.02                                          | POLK COUNTY PERMIT APPLICATION FEES (ALLOWANCE)                                | 1                    |                       | 1              | LS    | \$ 480.00    | \$480.00                 | 1                            | \$480.00                        |                                       | \$480.00                                   | 100.0%    |                           |
| 1.03                                          | TRAFFIC CONTROL                                                                | 1                    |                       | 1              | LS    | \$ 3,900.00  | \$3,900.00               | 1                            | \$3,900.00                      |                                       | \$3,900.00                                 | 100.0%    |                           |
| 1.04                                          | STREAM CROSSING (TEMPORARY)                                                    | 1                    |                       | 1              | EA    | \$ 14,000.00 | \$14,000.00              | 1                            | \$14,000.00                     |                                       | \$14,000.00                                | 100.0%    |                           |
| 1.05                                          | REMOVALS - MISCELANEOUS                                                        | 1                    |                       | 1              | LS    | \$ 12,500.00 | \$12,500.00              | 1                            | \$12,500.00                     |                                       | \$12,500.00                                | 100.0%    |                           |
| 2.01                                          | DRIVEWAY GRADING                                                               | 1                    |                       | 1              | LS    | \$20,000.00  | \$20,000.00              | 1                            | \$20,000.00                     |                                       | \$20,000.00                                | 100.0%    |                           |
| 2.02                                          | TEMPORARY ROCK                                                                 | 250                  |                       | 250            | TON   | \$28.00      | \$7,000.00               |                              |                                 |                                       |                                            |           | \$7,000.00                |
| 3.01                                          | TRENCH FOUNDATION                                                              | 400                  |                       | 400            | TON   | \$38.50      | \$15,400.00              | 215.89                       | \$8,311.77                      |                                       | \$8,311.77                                 | 54.0%     | \$7,088.24                |
| 3.02                                          | REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL                                    | 400                  |                       | 400            | CY    | \$40.00      | \$16,000.00              | 61                           | \$2,440.00                      |                                       | \$2,440.00                                 | 15.3%     | \$13,560.00               |
| 3.03                                          | TRENCH COMPACTION TESTING                                                      | 1                    |                       | 1              | LS    | \$16,000.00  | \$16,000.00              | 1                            | \$16,000.00                     |                                       | \$16,000.00                                | 100.0%    |                           |
| 4.01                                          | STORM SEWER, TRENCHED, 15-INCH CMP                                             | 59                   |                       | 59             | LF    | \$64.00      | \$3,776.00               | 59                           | \$3,776.00                      |                                       | \$3,776.00                                 | 100.0%    |                           |
| 4.02                                          | PIPE APRON, CMP, 15-INCH                                                       | 2                    |                       | 2              | EA    | \$260.00     | \$520.00                 | 2                            | \$520.00                        |                                       | \$520.00                                   | 100.0%    |                           |
| 4.03                                          | TILE REPAIR, 4 TO 8-INCH                                                       | 60                   |                       | 60             | LF    | \$26.00      | \$1,560.00               | 85                           | \$2,210.00                      |                                       | \$2,210.00                                 | 141.7%    | -\$650.00                 |
| 4.04                                          | TILE REPAIR, 10 TO 15-INCH                                                     | 40                   |                       | 40             | LF    | \$58.00      | \$2,320.00               |                              |                                 |                                       |                                            |           | \$2,320.00                |
| 4.05                                          | TILE REPAIR, 18 TO 24-INCH                                                     | 20                   |                       | 20             | LF    | \$90.00      | \$1,800.00               |                              |                                 |                                       |                                            |           | \$1,800.00                |
| 4.06                                          | SUMP LINE - 2-INCH                                                             | 40                   |                       | 40             | LF    | \$24.00      | \$960.00                 |                              |                                 |                                       |                                            |           | \$960.00                  |
| 5.01                                          | WATER MAIN CONNECTION TO EXISTING, 12-INCH PLUGGED END                         | 1                    |                       | 1              | EA    | \$4,000.00   | \$4,000.00               | 1                            | \$4,000.00                      |                                       | \$4,000.00                                 | 100.0%    |                           |
| 5.02                                          | WATER MAIN, CONNECT TO EXISTING, CUT-IN 12"x12" CROSS                          | 1                    | -1                    |                | EA    | \$9,000.00   |                          |                              |                                 |                                       |                                            |           |                           |
| 5.03                                          | WATER MAIN, TRENCHED, PVC OR DIP, 16-INCH                                      | 5960                 | -46                   | 5914           | LF    | \$60.00      | \$354,840.00             | 5960                         | \$357,600.00                    |                                       | \$357,600.00                               | 100.8%    | -\$2,760.00               |
| 5.04                                          | WATER MAIN, TRENCHLESS, PVC OR DIP, 16-INCH                                    | 1685                 | 27                    | 1712           | LF    | \$145.00     | \$248,240.00             | 844                          | \$122,380.00                    |                                       | \$122,380.00                               | 49.3%     | \$125,860.00              |
| 5.05                                          | GATE VALVE, 12-INCH                                                            | 2                    |                       | 2              | EA    | \$2,700.00   | \$5,400.00               | 2                            | \$5,400.00                      |                                       | \$5,400.00                                 | 100.0%    |                           |
| 5.06                                          | GATE VALVE, 16-INCH                                                            | 12                   |                       | 12             | EA    | \$8,300.00   | \$99,600.00              | 11                           | \$91,300.00                     |                                       | \$91,300.00                                | 91.7%     | \$8,300.00                |
| 5.07                                          | HYDRANT ASSEMBLY                                                               | 4                    |                       | 4              | EA    | \$5,300.00   | \$21,200.00              | 3                            | \$15,900.00                     |                                       | \$15,900.00                                | 75.0%     | \$5,300.00                |
| 5.08                                          | PIGGING STATION #1                                                             | 1                    | -1                    |                | LS    | \$19,000.00  |                          |                              |                                 |                                       |                                            |           |                           |
| 5.09                                          | PIGGING STATION #2                                                             | 1                    | -1                    |                | LS    | \$30,000.00  |                          |                              |                                 |                                       |                                            |           |                           |
| 5.10                                          | PIGGING STATION #3                                                             | 1                    |                       | 1              | LS    | \$18,500.00  | \$18,500.00              | 1                            | \$18,500.00                     |                                       | \$18,500.00                                | 100.0%    |                           |
| 5.11                                          | LITTLE BEAVER CREEK TRENCHED CROSSING                                          | 1                    |                       | 1              | LS    | \$11,500.00  | \$11,500.00              | 1                            | \$11,500.00                     |                                       | \$11,500.00                                | 100.0%    |                           |
| 5.12                                          | WATER MAIN PRESSURE TESTING                                                    | 1                    |                       | 1              | LS    | \$3,000.00   | \$3,000.00               |                              |                                 |                                       |                                            |           | \$3,000.00                |
| 5.13                                          | WATER MAIN FLUSHING                                                            | 1                    |                       | 1              | LS    | \$3,000.00   | \$3,000.00               |                              |                                 |                                       |                                            |           | \$3,000.00                |
| 5.14                                          | WATER MAIN DISENFECTION & DECHLORINATION                                       | 1                    |                       | 1              | LS    | \$4,500.00   | \$4,500.00               |                              |                                 |                                       |                                            |           | \$4,500.00                |
| 7.01                                          | PAVING, TRAIL, 6-INCH PCC, REMOVE AND REPLACE                                  | 165                  |                       | 165            | SY    | \$72.00      | \$11,880.00              |                              |                                 |                                       |                                            |           | \$11,880.00               |
| 7.02                                          | CLASS A STONE                                                                  | 320                  |                       | 320            | TON   | \$28.00      | \$8,960.00               | 126.29                       | \$3,536.12                      |                                       | \$3,536.12                                 | 39.5%     | \$5,423.88                |
| 9.01                                          | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING - TYPE 1                 | 5.3                  |                       | 5.3            | AC    | \$2,250.00   | \$11,925.00              |                              |                                 |                                       |                                            |           | \$11,925.00               |
| 9.02                                          | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING - TYPE 2                 | 0.4                  |                       | 0.4            | AC    | \$3,500.00   | \$1,400.00               |                              |                                 |                                       |                                            |           | \$1,400.00                |
| 9.03                                          | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING - DOT NATIVE GRASSES MIX | 0.9                  |                       | 0.9            | AC    | \$3,750.00   | \$3,375.00               |                              |                                 |                                       |                                            |           | \$3,375.00                |
| 9.04                                          | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING - PRAIRIE GRASSES MIX    | 0.7                  |                       | 0.7            | AC    | \$3,750.00   | \$2,625.00               |                              |                                 |                                       |                                            |           | \$2,625.00                |

# Progress Estimate - Unit Price Work

# Contractor's Application

|                                               |                                              |                      |                       |                |       |             |                          |                              |                                 |                                       |                                            |           |                           |
|-----------------------------------------------|----------------------------------------------|----------------------|-----------------------|----------------|-------|-------------|--------------------------|------------------------------|---------------------------------|---------------------------------------|--------------------------------------------|-----------|---------------------------|
| For (Contract): Grimes 16-inch Raw Water Main |                                              |                      |                       |                |       |             |                          | Application Number: 3        |                                 |                                       |                                            |           |                           |
| Application Period: August, 2019              |                                              |                      |                       |                |       |             |                          | Application Date: 8/30/2019  |                                 |                                       |                                            |           |                           |
| A                                             |                                              |                      |                       |                |       |             | B                        | C                            | D                               | E                                     | F                                          |           |                           |
| Item                                          |                                              | Contract Information |                       |                |       |             |                          | Estimated Quantity Installed | Value of Work Installed to Date | Materials Presently Stored (not in C) | Total Completed and Stored to Date (D + E) | % (F / B) | Balance to Finish (B - F) |
| Bid Item No.                                  | Description                                  | Item Quantity        | Quantity Change by CO | Total Quantity | Units | Unit Price  | Total Value of Item (\$) |                              |                                 |                                       |                                            |           |                           |
| 9.05                                          | TREE RELOCATION                              | 2                    |                       | 2              | EA    | \$750.00    | \$1,500.00               | 2                            | \$1,500.00                      |                                       | \$1,500.00                                 | 100.0%    |                           |
| 9.06                                          | SEEDING WARRANTY                             | 1                    |                       | 1              | LS    | \$3,000.00  | \$3,000.00               |                              |                                 |                                       |                                            |           | \$3,000.00                |
| 9.07                                          | RIP RAP, CLASS E REVETMENT                   | 1200                 |                       | 1200           | TON   | \$55.00     | \$66,000.00              | 993.57                       | \$54,646.35                     |                                       | \$54,646.35                                | 82.8%     | \$11,353.65               |
| 9.08                                          | EROSION CONTROL MULCHING, HYDROMULCHING      | 8                    |                       | 8              | AC    | \$1,000.00  | \$8,000.00               | 3.77                         | \$3,770.00                      |                                       | \$3,770.00                                 | 47.1%     | \$4,230.00                |
| 9.09                                          | EROSION CONTROL BLANKET, TYPE 2C             | 400                  |                       | 400            | SY    | \$1.50      | \$600.00                 |                              |                                 |                                       |                                            |           | \$600.00                  |
| 9.10                                          | SILT FENCE, INSTALL & REMOVE                 | 1915                 |                       | 1915           | LF    | \$1.50      | \$2,872.50               | 1668.3                       | \$2,502.45                      |                                       | \$2,502.45                                 | 87.1%     | \$370.05                  |
| 9.11                                          | SILT FENCE, CLEAN OUT                        | 1915                 |                       | 1915           | LF    | \$0.15      | \$287.25                 |                              |                                 |                                       |                                            |           | \$287.25                  |
| COL.1                                         | CONNECT TO EXISTING 12" & PIGGING STATION #1 |                      | 1                     | 1              | LS    | \$31,552.93 | \$31,552.93              | 1                            | \$31,552.93                     |                                       | \$31,552.93                                | 100.0%    |                           |
| COL.2                                         | CHANGE ORDER 1 ALIGNMENT CHANGE              |                      | 1                     | 1              | LS    | \$12,090.44 | \$12,090.44              | 1                            | \$12,090.44                     |                                       | \$12,090.44                                | 100.0%    |                           |
| COL.3                                         | HAUL AND SPREAD TOP SOIL                     |                      | 333                   | 333            | CY    | \$30.00     | \$9,990.00               |                              |                                 |                                       |                                            |           |                           |
| Totals                                        |                                              |                      |                       |                |       |             | \$1,131,054.12           |                              | \$885,316.06                    |                                       | \$885,316.06                               | 78.3%     | \$245,738.07              |

### Stored Material Summary

## Contractor's Application

[illegible]



SET DATE FOR HEARING ON URBAN  
RENEWAL PLAN AMENDMENT

419952-72

Grimes, Iowa

September 10, 2019

The City Council of the City of Grimes, Iowa, met on September 10, 2019, at \_\_\_\_\_ o'clock, \_\_.m., at the \_\_\_\_\_, in the City, for the purpose of setting a date for a public hearing on a proposed urban renewal plan amendment. The Mayor presided and the roll being called, the following members of the Council were present and absent:

Present: \_\_\_\_\_

Absent: \_\_\_\_\_.

The Mayor announced that an amendment to the urban renewal plan for the Grimes Urban Renewal Area had been prepared, and that it was now necessary to set a date for a public hearing on the proposed amendment to the urban renewal plan. Accordingly, Council Member \_\_\_\_\_ moved the adoption of the following resolution entitled "Resolution Setting Date for a Public Hearing on Urban Renewal Plan Amendment," and the motion was seconded by Council Member \_\_\_\_\_. Following due consideration, the Mayor put the question on the motion and the roll being called, the following named Council Members voted:

Ayes: \_\_\_\_\_

Nays: \_\_\_\_\_.

Whereupon, the Mayor declared the resolution duly adopted as follows:

RESOLUTION NO. 09-0819

Resolution Setting Date for Public Hearing on Urban Renewal Plan Amendment

WHEREAS, the City Council of the City of Grimes, Iowa (the "City") by resolution previously established the Grimes Urban Renewal Area (the "Urban Renewal Area") and adopted an urban renewal plan (the "Plan") for the governance of initiatives and projects therein; and

WHEREAS, an amendment to the Plan has been prepared which would (1) update the description of the City's 2015 Prairie Business Park Commercial/Industrial Development Project; and (2) facilitate the undertaking of new urban renewal projects in the Urban Renewal Area consisting of (a) using tax increment financing to pay the costs of constructing a new municipal library; and (b) providing tax increment financing support to PMR Realty Group, LLC in connection with the construction of a new commercial/industrial building referred to as the Prairie Business Park Warehouse 4, and it is now necessary that a date be set for a public hearing on that plan amendment;

NOW, THEREFORE, Be It Resolved by the City Council of the City of Grimes, Iowa, as follows:

Section 1. This City Council will meet at the Grimes City Hall, 101 NE Harvey Street, Grimes, Iowa, on October 8, 2019, at 5:30 o'clock p.m., at which time and place it will hold a public hearing on the proposed amendment to the Plan for the Urban Renewal Area.

Section 2. The City Clerk shall publish notice of said hearing, the same being in the form attached hereto, which publication shall be made in a legal newspaper of general circulation in the City, which publication shall be not less than four (4) and not more than twenty (20) days before the date set for hearing.

Section 3. Pursuant to Section 403.5 of the Code of Iowa, the City Administrator is hereby designated as the City's representative in connection with the consultation process which is required under that section of the urban renewal law.

Passed and approved this September 10, 2019.

---

Mayor Scott Mikkelsen

Attest:

---

City Clerk Rochelle Williams

## NOTICE OF PUBLIC HEARING ON PROPOSED URBAN RENEWAL PLAN AMENDMENT

Notice Is Hereby Given: That at 5:30 o'clock p.m., at the Grimes City Hall, 101 NE Harvey Street, Grimes, Iowa, on October 8, 2019, the City Council of the City of Grimes, Iowa, will hold a public hearing on the question of amending the urban renewal plan for the Grimes Urban Renewal Area to (1) update the description of the City's 2015 Prairie Business Park Commercial/Industrial Development Project; and (2) facilitate the undertaking of new urban renewal projects in the Urban Renewal Area consisting of (a) using tax increment financing to pay the costs of constructing a new municipal library; and (b) providing tax increment financing support to PMR Realty Group, LLC in connection with the construction of a new commercial/industrial building referred to as the Prairie Business Park Warehouse 4. A copy of the amendment is on file for public inspection in the office of the City Clerk.

At said hearing any interested person may file written objections or comments and may be heard orally with respect to the subject matters of the hearing.

Rochelle Williams  
City Clerk



• • • • •

On motion and vote the meeting adjourned.

---

Mayor Scott Mikkelsen

Attest:

---

City Clerk Rochelle Williams

STATE OF IOWA  
COUNTIES OF DALLAS AND POLK      SS:  
CITY OF GRIMES

I, the undersigned, City Clerk of the aforementioned City do hereby certify that pursuant to the resolution of its City Council fixing a date of public hearing on a proposed urban renewal plan amendment, the notice, of which the printed slip attached to the publisher's affidavit hereto attached is a true and complete copy, was published on the date and in the newspaper specified in such affidavit, which newspaper has a general circulation in the City, and copies were sent to the county and school district.

WITNESS my hand this \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
City Clerk Rochelle Williams

**(Attach here publisher's affidavit of publication of notice.)**

**(PLEASE NOTE: This certificate must not be dated until the publication has been made and you have reviewed it to be sure that the notice was published on the date indicated in the attached affidavit.)**

STATE OF IOWA  
COUNTIES OF DALLAS AND POLK      SS:  
CITY OF GRIMES

I, the undersigned, City Clerk of the aforementioned City, do hereby certify that as such I have in my possession or have access to the complete corporate records of the City and of its officers; and that I have carefully compared the transcript hereto attached with the aforesaid records and that the attached is a true, correct and complete copy of the corporate records relating to the action taken by the City Council preliminary to and in connection with setting a date for public hearing on an urban renewal plan amendment.

WITNESS my hand this \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
City Clerk Rochelle Williams



# TREASURER'S REPORT

## CALENDAR 8/2019, FISCAL 2/2020

| FUND# | TITLE                     | LAST MONTH<br>CASH BALANCE | REVENUES   | EXPENSES     | BALANCE | THIS MONTH<br>CASH BALANCE |
|-------|---------------------------|----------------------------|------------|--------------|---------|----------------------------|
| 001   | GENERAL                   | 7,002,937.94               | 204,018.22 | 772,003.48   | 7.79    | 6,434,960.47               |
| 005   | FIRE/RESCUE AUXILIARY     | .00                        | .00        | .00          | .00     | .00                        |
| 110   | ROAD USE TAX              | 1,504,439.86               | 165,065.49 | 42,919.83    | .00     | 1,626,585.52               |
| 112   | EMPLOYEE BENEFITS         | 620,667.81                 | 1,448.36   | 144,382.09   | .00     | 477,734.08                 |
| 119   | EMERGENCY FUND            | 236.64                     | 194.07     | .00          | .00     | 430.71                     |
| 121   | LOCAL OPTION SALES TAX    | 1,556.53                   | 178.05     | .00          | .00     | 1,734.58                   |
| 125   | TAX INCREMENT FINANCING   | 1,902,566.55               | 1,036.52   | .00          | .00     | 1,903,603.07               |
| 160   | ECONOMIC DEVELOPMENT      | 156,841.16                 | 19,011.51  | .00          | .00     | 175,852.67                 |
| 161   | ECO DEVELOPMENT REVOLVING | 130,905.56                 | 1,069.70   | .00          | .00     | 131,975.26                 |
| 167   | RESTRICTED GIFTS          | 101,072.23                 | 171.06     | .00          | .00     | 101,243.29                 |
| 170   | FEMA - FIRE DEPT          | 34,239.98                  | .00        | .00          | .00     | 34,239.98                  |
| 200   | DEBT SERVICE              | 1,015,495.15               | 1,627.84   | .00          | .00     | 1,017,122.99               |
| 301   | CAPITAL PROJECT FUND      | 1,145,983.53               | 1,464.10   | 38,154.00    | .00     | 1,109,293.63               |
| 302   | CP - ROAD DEVELOPMENT     | 3,987,331.24               | .00        | 30,000.00    | .00     | 3,957,331.24               |
| 303   | CP - WALLACE              | 3,341.77-                  | .00        | 19.72        | .00     | 3,361.49-                  |
| 304   | CP - IA 44                | 318.53                     | .00        | .00          | .00     | 318.53                     |
| 305   | CP - MAIN STREET          | 3,295.00-                  | .00        | .00          | .00     | 3,295.00-                  |
| 306   | CP - PRAIRIE/LITTLE BEAVE | 83,645.54                  | .00        | 12,931.16    | .00     | 70,714.38                  |
| 307   | CP - STORM WATER          | .00                        | .00        | .00          | .00     | .00                        |
| 308   | CP - HOPE K FARM DCG SCHO | 27,219.95-                 | .00        | .00          | .00     | 27,219.95-                 |
| 309   | CP - PARKS                | 11,602.98                  | .00        | 2,231.49     | .00     | 9,371.49                   |
| 310   | CP - FIRE                 | 43,584.89-                 | .00        | .00          | .00     | 43,584.89-                 |
| 311   | CP - DOWNTOWN             | .00                        | .00        | .00          | .00     | .00                        |
| 312   | CP - S JAMES/SE 37TH ST   | 626,728.78-                | .00        | 5,596.00     | .00     | 632,324.78-                |
| 313   | CP - GRIMES COMMUNITY COM | 118,139.75                 | .00        | .00          | .00     | 118,139.75                 |
| 314   | CP - HOPE COMMERCIAL      | .00                        | .00        | .00          | .00     | .00                        |
| 315   | CP - SEWER CAP IMPROVEMNT | 1,562,536.35               | .00        | .00          | .00     | 1,562,536.35               |
| 316   | CP - WATER CAP IMPROVEMNT | 135,394.61-                | .00        | .00          | .00     | 135,394.61-                |
| 317   | CP - COMP PLAN            | 11,721.80                  | .00        | .00          | .00     | 11,721.80                  |
| 318   | CP - CITY HALL            | 18,114.01                  | .00        | .00          | .00     | 18,114.01                  |
| 319   | CP - STORM WATER          | 474,870.74                 | .00        | .00          | .00     | 474,870.74                 |
| 320   | CP-New Jordan Well 2019   | 7,800.06                   | 520,113.40 | 520,113.40   | .00     | 7,800.06                   |
| 321   | CP- ASR 2019              | 30,650.05                  | .00        | .00          | .00     | 30,650.05                  |
| 322   | CP-16" Water Main         | 11,880.59-                 | 271,767.73 | 271,767.73   | .00     | 11,880.59-                 |
| 323   | CP-Water Tower 2019       | 7,810.00-                  | 274,138.05 | 274,940.65   | .00     | 8,612.60-                  |
| 324   | CP-Water Plant Exp 2019   | 33,956.15-                 | .00        | .00          | .00     | 33,956.15-                 |
| 325   | SE 37TH HWY 141 PROJECT   | 1,329,980.02               | .00        | 1,245,355.93 | .00     | 84,624.09                  |
| 326   | 2019 OVERLAY PROJECT      | 283,932.14                 | .00        | 6,651.00     | .00     | 277,281.14                 |
| 327   | SE 19TH & SW CO OVERLAY   | 1,928,669.00               | .00        | 80,068.50    | .00     | 1,848,600.50               |
| 328   | WRA SANI SEWER CONNECTION | .00                        | .00        | 1,845.40     | .00     | 1,845.40-                  |
| 329   | WRA YARD PIPING & PAVING  | .00                        | .00        | .00          | .00     | .00                        |
| 330   | RAW PUMP STATION IMP 2020 | .00                        | .00        | .00          | .00     | .00                        |
| 331   | GRIMES CROSS SANI SWR IMP | .00                        | .00        | .00          | .00     | .00                        |
| 332   | WWTP DEMO PROJECT         | .00                        | .00        | .00          | .00     | .00                        |
| 333   | WRA CAPITAL COSTS         | .00                        | .00        | .00          | .00     | .00                        |
| 334   | HWY44 & COUNTY LN RD 2020 | 63,000.00-                 | .00        | 13,500.00    | .00     | 76,500.00-                 |
| 335   | N JAMES WATER ISOLATION   | .00                        | .00        | .00          | .00     | .00                        |
| 336   | SE 11th ST RR/James 2019  | 208,632.08                 | .00        | 33,202.95    | .00     | 175,429.13                 |
| 337   | CP-N MAIN & BEAVERBK SIG  | 6,234.50-                  | .00        | 14,135.18    | .00     | 20,369.68-                 |
| 338   | FY20 Drain prj 2nd/beaver | .00                        | .00        | 15,965.00    | .00     | 15,965.00-                 |
| 600   | WATER                     | 3,655,932.54               | 436,295.35 | 148,152.38   | .00     | 3,944,075.51               |
| 601   | WATER DEPOSITS            | 120,558.34                 | 3,250.51   | 4,229.62     | .00     | 119,579.23                 |
| 602   | WATER SINKING             | 33,417.93                  | .00        | .00          | .00     | 33,417.93                  |

**TREASURER'S REPORT**  
**CALENDAR 8/2019, FISCAL 2/2020**

| FUND#        | TITLE            | LAST MONTH<br>CASH BALANCE | REVENUES     | EXPENSES     | BALANCE | THIS MONTH<br>CASH BALANCE |
|--------------|------------------|----------------------------|--------------|--------------|---------|----------------------------|
| 603          | WATER REC BOND   | 183,629.96                 | .00          | .00          | .00     | 183,629.96                 |
| 610          | SEWER            | 3,687,984.34               | 223,887.31   | 88,536.16    | .00     | 3,823,335.49               |
| 611          | SEWER SINKING    | 162,148.49                 | .00          | .00          | .00     | 162,148.49                 |
| 670          | LANDFILL/GARBAGE | 107,418.21                 | 41,566.75    | 50,616.18    | .00     | 98,368.78                  |
| 740          | STORM WATER      | 1,848,231.88               | 57,576.53    | 22,566.64    | .00     | 1,883,241.77               |
| Report Total |                  | 32,511,762.68              | 2,223,880.55 | 3,839,884.49 | 7.79    | 30,895,766.53              |

# BALANCE SHEET

## CALENDAR 8/2019, FISCAL 2/2020

| ACCOUNT NUMBER | ACCOUNT TITLE                  | PTD<br>BALANCE | YTD<br>BALANCE |
|----------------|--------------------------------|----------------|----------------|
| 001-000-1110   | CASH - GENERAL                 | 568,078.06-    | 1,946,235.15   |
| 110-000-1110   | CASH - ROAD USE                | 122,145.66     | 1,626,585.52   |
| 112-000-1110   | CASH - EMPLOYEE BENEFITS       | 142,933.73-    | 477,734.08     |
| 119-000-1110   | CASH - EMERGENCY               | 194.07         | 430.71         |
| 121-000-1110   | CASH - LOCAL OPTION SALES TAX  | 178.05         | 1,734.58       |
| 125-000-1110   | CASH - TIF                     | 1,036.52       | 1,903,603.07   |
| 160-000-1110   | CASH - ECONOMIC DEVELOPMENT    | 19,011.51      | 175,852.67     |
| 161-000-1110   | CASH - ECO DEVELOP REVOLVING L | 1,069.70       | 131,975.26     |
| 167-000-1110   | CASH - LIBRARY RESTRICTED GIFT | 171.06         | 99,410.46      |
| 167-000-1111   | CASH - PARKS RESTRICTED GIFTS  |                | 1,832.83       |
| 170-000-1110   | CASH - FEMA/FIRE DEPT          |                | 34,239.98      |
| 200-000-1110   | CASH - DEBT SERVICE            | 1,621.99       | 1,013,755.92   |
| 301-000-1110   | CASH - CAPITAL PROJECTS        | 36,689.90-     | 1,109,293.63   |
| 302-000-1110   | CASH - CP - ROAD DEVELOPMENT   | 30,000.00-     | 3,957,331.24   |
| 303-000-1110   | CASH - CP - WALLACE            | 19.72-         | 3,361.49-      |
| 304-000-1110   | CASH - CP - IA 44              |                | 318.53         |
| 305-000-1110   | CASH - CP - MAIN STREET        |                | 3,295.00-      |
| 306-000-1110   | CASH - CP - PRAIRIE/LITTLE BEA | 12,931.16-     | 70,714.38      |
| 308-000-1110   | CASH - CP - HOPE K FARM DCG SC |                | 27,219.95-     |
| 309-000-1110   | CASH - CP - PARKS              | 2,231.49-      | 9,371.49       |
| 310-000-1110   | CASH - CP-SW COUNTY LINE RD    |                | 43,584.89-     |
| 312-000-1110   | CASH - CP - S JAMES/SE 37TH ST | 5,596.00-      | 632,324.78-    |
| 313-000-1110   | CASH - CP - GRIMES COMM COMPLE |                | 118,139.75     |
| 315-000-1110   | CASH - SEWER CAP IMPROVEMNT    |                | 1,562,536.35   |
| 316-000-1110   | CASH - WATER CAP IMPROVEMENT   |                | 135,394.61-    |
| 317-000-1110   | CASH - COMP PLAN               |                | 11,721.80      |
| 318-000-1110   | CASH - CITY HALL PROJECT       |                | 18,114.01      |
| 319-000-1110   | CASH - STORM WATER PROJ        |                | 474,870.74     |
| 320-000-1110   | CASH-NEW JORDAN WELL 2019      |                | 7,800.06       |
| 321-000-1110   | CASH-ASR 2019                  |                | 30,650.05      |
| 322-000-1110   | CASH-16" WATER MAIN            |                | 11,880.59-     |
| 323-000-1110   | CASH-WATER TOWER 2019          | 802.60-        | 8,612.60-      |
| 324-000-1110   | CASH- WATER PLANT EXP 2019     |                | 33,956.15-     |
| 325-000-1110   | CASH-SE 37TH /HWY 141 PROJ     | 1,245,355.93-  | 84,624.09      |
| 326-000-1110   | CASH-2019 OVERLAY PROJECT      | 6,651.00-      | 277,281.14     |
| 327-000-1110   | CASH-SE 19TH & SW CO OVERLAY   | 80,068.50-     | 1,848,600.50   |
| 328-000-1110   | CASH-WRA SANI SEWER CONNECT    | 1,845.40-      | 1,845.40-      |
| 334-000-1110   | CASH-HWY 44 & CO LINE RD 2020  | 13,500.00-     | 76,500.00-     |
| 336-000-1110   | CASH-SE 11TH RR/JAMES 2019     | 33,202.95-     | 175,429.13     |
| 337-000-1110   | CASH N MAIN & BEAVERBK SIGNAL  | 14,135.18-     | 20,369.68-     |
| 338-000-1110   | FY20 Drain Prj 2nd/Beaver CASH | 15,965.00-     | 15,965.00-     |
| 600-000-1110   | CASH - WATER                   | 285,795.15     | 1,315,714.25   |
| 601-000-1110   | CASH - WATER DEPOSITS          | 979.11-        | 117,233.72     |
| 602-000-1110   | CASH - WATER SINKING           |                | 33,417.93      |
| 603-000-1110   | CASH - WATER REC BOND          |                | 183,629.96     |
| 610-000-1110   | CASH - SEWER                   | 131,421.47     | 693,930.32     |
| 611-000-1110   | CASH - SEWER SINKING           |                | 162,148.49     |
| 670-000-1110   | CASH - SOLID WASTE             | 9,049.43-      | 98,368.78      |
| 740-000-1110   | CASH - STORM WATER             | 34,943.51      | 1,837,587.57   |
|                | CASH TOTAL                     | 1,622,446.47-  | 20,597,908.00  |



**BALANCE SHEET**  
**CALENDAR 8/2019, FISCAL 2/2020**

| ACCOUNT NUMBER | ACCOUNT TITLE                 | PTD<br>BALANCE | YTD<br>BALANCE |
|----------------|-------------------------------|----------------|----------------|
| 001-000-1112   | CASH - FD AUXILLARY           |                | 26,501.81      |
|                | CASH - FD AUXILLARY TOTAL     | .00            | 26,501.81      |
| 001-000-1130   | RESERVES - PARK CAP IMPROVE   |                | 234,812.58     |
| 600-000-1130   | RESERVES - WATER TAPPING      |                | 605,712.67     |
| 610-000-1130   | RESERVES - SEWER TAPPING      |                | 91,535.73      |
|                | RESERVES TOTAL                | .00            | 932,060.98     |
| 001-000-1131   | RESERVES - FIRE CAP IMPROVE   |                | 78,304.09      |
| 600-000-1131   | RESERVES - WATER              |                | 35,000.00      |
|                | RESERVES TOTAL                | .00            | 113,304.09     |
| 001-000-1132   | RESERVES - RESCUE CAP IMPROVE |                | 16,218.47      |
|                | RESERVES TOTAL                | .00            | 16,218.47      |
| 001-000-1133   | RESERVES - PARK & REC GOAL    |                | 6,365.17       |
|                | RESERVES TOTAL                | .00            | 6,365.17       |
| 001-000-1150   | CASH - IPAIT                  | 100.59         | 57,879.93      |
| 200-000-1150   | CASH - IPAIT                  | 5.85           | 3,367.07       |
|                | CASH - IPAIT TOTAL            | 106.44         | 61,247.00      |
| 600-000-1160   | SAVINGS - WATER TAPPING       | 1,062.07       | 977,736.90     |
| 610-000-1160   | SAVINGS - SEWER TAPPING       | 2,190.51       | 2,023,696.46   |
| 740-000-1160   | SAVINGS - STORM WATER         | 66.38          | 45,654.20      |
|                | SAVINGS TOTAL                 | 3,318.96       | 3,047,087.56   |
| 610-000-1161   | SAVINGS - SEWER TAPPING       | 1,739.17       | 1,014,172.98   |
|                | SAVINGS - RACCOON TOTAL       | 1,739.17       | 1,014,172.98   |
| 600-000-1162   | SAVINGS - VISION              | 1,285.75       | 1,009,911.69   |
|                | SAVINGS - VISION TOTAL        | 1,285.75       | 1,009,911.69   |

**BALANCE SHEET**  
**CALENDAR 8/2019, FISCAL 2/2020**

| ACCOUNT NUMBER | ACCOUNT TITLE                | PTD<br>BALANCE | YTD<br>BALANCE |
|----------------|------------------------------|----------------|----------------|
| 601-000-1170   | WATER DEPOSIT CD 25712       |                | 2,345.51       |
|                | CD'S - CITY STATE TOTAL      | .00            | 2,345.51       |
| 001-000-1171   | CEMETERY CD 1 304927         |                | 29,777.43      |
| 001-000-1172   | CEMETERY CD 3 222910         |                | 19,167.89      |
| 001-000-1173   | CEMETERY CD 12014736         |                | 19,697.95      |
|                | CD'S BANKERS TRUST TOTAL     | .00            | 68,643.27      |
| 001-000-1174   | CD# 12510837 - GENERAL       |                | 2,000,000.00   |
|                | CD# 12510837 - GENERAL TOTAL | .00            | 2,000,000.00   |
| 001-000-1175   | CD# 12396252 - GENERAL       |                | 2,000,000.00   |
|                | CD# 12396252 - GENERAL TOTAL | .00            | 2,000,000.00   |
|                | TOTAL CASH                   | 1,615,996.15-  | 30,895,766.53  |

**BUDGET REPORT**  
**CALENDAR 8/2019, FISCAL 2/2020**

PCT OF FISCAL YTD 16.6%

| ACCOUNT NUMBER | ACCOUNT TITLE                    | TOTAL<br>BUDGET | PTD<br>BALANCE | YTD<br>BALANCE | PERCENT<br>EXPENDED | UNEXPENDED   |
|----------------|----------------------------------|-----------------|----------------|----------------|---------------------|--------------|
|                | POLICE TOTAL                     | 1,382,971.00    | 114,336.62     | 223,756.61     | 16.18               | 1,159,214.39 |
|                | FIRE TOTAL                       | 1,024,751.00    | 136,684.84     | 226,851.16     | 22.14               | 797,899.84   |
|                | AMBULANCE TOTAL                  | 1,053,751.00    | 122,800.55     | 209,570.88     | 19.89               | 844,180.12   |
|                | BUILDING INSPECTIONS TOTAL       | 1,695,409.00    | 128,146.66     | 308,208.23     | 18.18               | 1,387,200.77 |
|                | ANIMAL CONTROL TOTAL             | 20,000.00       | 1,997.68       | 3,305.14       | 16.53               | 16,694.86    |
|                | PUBLIC SAFETY TOTAL              | 5,176,882.00    | 503,966.35     | 971,692.02     | 18.77               | 4,205,189.98 |
|                | ROADS, BRIDGES, SIDEWALKS TOTAL  | 2,592,663.00    | 163,813.42     | 392,632.87     | 15.14               | 2,200,030.13 |
|                | STREET LIGHTING TOTAL            | 194,407.00      | 26,225.81      | 40,470.14      | 20.82               | 153,936.86   |
|                | TRAFFIC CONTROL & SAFETY TOTAL   | 15,000.00       | 1,673.30       | 1,673.30       | 11.16               | 13,326.70    |
|                | SNOW REMOVAL TOTAL               | 109,000.00      | 750.00         | 2,994.38       | 2.75                | 106,005.62   |
|                | PUBLIC WORKS TOTAL               | 2,911,070.00    | 192,462.53     | 437,770.69     | 15.04               | 2,473,299.31 |
|                | WATER,AIR,MOSQUITO CONTROL TOTAL | 50,000.00       | 4,200.00       | 9,800.00       | 19.60               | 40,200.00    |
|                | HEALTH & SOCIAL SERVICES TOTAL   | 50,000.00       | 4,200.00       | 9,800.00       | 19.60               | 40,200.00    |
|                | LIBRARY TOTAL                    | 690,806.00      | 72,409.39      | 122,056.58     | 17.67               | 568,749.42   |
|                | PARKS TOTAL                      | 905,116.00      | 43,501.87      | 132,934.02     | 14.69               | 772,181.98   |
|                | NORTH COMPLEX TOTAL              | 25,000.00       | 5,255.23       | 5,679.18       | 22.72               | 19,320.82    |
|                | SOUTH COMPLEX TOTAL              | 25,000.00       | 3,958.59       | 4,411.52       | 17.65               | 20,588.48    |
|                | RECREATION TOTAL                 | 301,300.00      | 30,065.67      | 38,299.94      | 12.71               | 263,000.06   |
|                | REC - YOUTH PROGRAMS TOTAL       | 21,500.00       | 1,087.96       | 6,868.94       | 31.95               | 14,631.06    |
|                | REC - YOUTH SPORTS TOTAL         | 21,500.00       | 1,105.00       | 3,222.58       | 14.99               | 18,277.42    |
|                | REC - ADULT PROGRAMS TOTAL       | 2,000.00        | 70.00          | 70.00          | 3.50                | 1,930.00     |
|                | REC - ADULT SPORTS TOTAL         | 2,000.00        | 75.00          | 225.00         | 11.25               | 1,775.00     |
|                | CEMETERY TOTAL                   | 36,000.00       | 2,356.06       | 4,104.96       | 11.40               | 31,895.04    |
|                | CCC-GRIMES COMM COMPLEX TOTAL    | 142,955.00      | 8,258.44       | 26,228.69      | 18.35               | 116,726.31   |
|                | CULTURE & RECREATION TOTAL       | 2,173,177.00    | 168,143.21     | 344,101.41     | 15.83               | 1,829,075.59 |
|                | ECONOMIC DEVELOPMENT TOTAL       | 1,935,992.00    | .00            | 27,571.68      | 1.42                | 1,908,420.32 |
|                | COMMUNITY & ECONOMIC DEV TOTAL   | 1,935,992.00    | .00            | 27,571.68      | 1.42                | 1,908,420.32 |
|                | MAYOR/COUNCIL/CITY MGR TOTAL     | 279,360.00      | 23,166.99      | 48,805.89      | 17.47               | 230,554.11   |
|                | CLERK/TREASURER/ADM TOTAL        | 483,300.00      | 54,958.09      | 90,131.96      | 18.65               | 393,168.04   |
|                | ELECTIONS TOTAL                  | 28,500.00       | .00            | .00            | .00                 | 28,500.00    |
|                | LEGAL SERVICES/ATTORNEY TOTAL    | 244,500.00      | 747.02         | 2,171.68       | .89                 | 242,328.32   |
|                | CITY HALL/GENERAL BLDGS TOTAL    | 312,100.00      | 7,038.59       | 22,709.61      | 7.28                | 289,390.39   |
|                | TORT LIABILITY TOTAL             | 27,500.00       | .00            | .00            | .00                 | 27,500.00    |
|                | OTHER GENERAL GOVERNMENT TOTAL   | 180,000.00      | 4,622.62       | 20,441.25      | 11.36               | 159,558.75   |
|                | GENERAL GOVERNMENT TOTAL         | 1,555,260.00    | 90,533.31      | 184,260.39     | 11.85               | 1,370,999.61 |



**BUDGET REPORT**  
**CALENDAR 8/2019, FISCAL 2/2020**

PCT OF FISCAL YTD 16.6%

| ACCOUNT NUMBER | ACCOUNT TITLE                  | TOTAL<br>BUDGET | PTD<br>BALANCE | YTD<br>BALANCE | PERCENT<br>EXPENDED | UNEXPENDED    |
|----------------|--------------------------------|-----------------|----------------|----------------|---------------------|---------------|
|                | FIRE TOTAL                     | 142,800.00      | .00            | 144,209.30     | 100.99              | 1,409.30-     |
|                | ROADS, BRIDGES, SIDEWALKS TOTA | 335,663.00      | .00            | .00            | .00                 | 335,663.00    |
|                | 2007 BOND TOTAL                | 731,031.00      | .00            | .00            | .00                 | 731,031.00    |
|                | 2012 BOND TOTAL                | 394,431.00      | .00            | .00            | .00                 | 394,431.00    |
|                | 2015 BOND TOTAL                | 855,813.00      | .00            | .00            | .00                 | 855,813.00    |
|                | 2017A BOND TOTAL               | 553,631.00      | .00            | .00            | .00                 | 553,631.00    |
|                | 2017 REFINANCING BOND TOTAL    | 577,475.00      | .00            | .00            | .00                 | 577,475.00    |
|                | DEBT SERVICE TOTAL             | 3,590,844.00    | .00            | 144,209.30     | 4.02                | 3,446,634.70  |
|                | ROADS, BRIDGES, SIDEWALKS TOTA | 17,570,000.00   | 1,479,614.44   | 2,038,646.28   | 11.60               | 15,531,353.72 |
|                | PARKS TOTAL                    | 750,000.00      | 2,231.49       | 2,820.99       | .38                 | 747,179.01    |
|                | GCC-GRIMES COMM COMPLEX TOTAL  | 50,000.00       | .00            | 8,372.62       | 16.75               | 41,627.38     |
|                | WATER TOTAL                    | 9,310,000.00    | 1,066,821.78   | 2,511,553.03   | 26.98               | 6,798,446.97  |
|                | SEWER/SEWAGE DISPOSAL TOTAL    | 3,655,000.00    | 1,845.40       | 6,602.69       | .18                 | 3,648,397.31  |
|                | STORM WATER TOTAL              | .00             | 15,965.00      | 16,629.02      | .00                 | 16,629.02-    |
|                | CAPITAL PROJECTS TOTAL         | 31,335,000.00   | 2,566,478.11   | 4,584,624.63   | 14.63               | 26,750,375.37 |
|                | WATER TOTAL                    | 3,291,151.00    | 152,382.00     | 318,620.23     | 9.68                | 2,972,530.77  |
|                | SEWER/SEWAGE DISPOSAL TOTAL    | 1,764,744.00    | 88,536.16      | 204,103.91     | 11.57               | 1,560,640.09  |
|                | LANDFILL/GARBAGE TOTAL         | 629,150.00      | 50,616.18      | 98,210.81      | 15.61               | 530,939.19    |
|                | STORM WATER TOTAL              | 538,350.00      | 22,566.64      | 73,544.82      | 13.66               | 464,805.18    |
|                | ENTERPRISE FUNDS TOTAL         | 6,223,395.00    | 314,100.98     | 694,479.77     | 11.16               | 5,528,915.23  |
|                | TRANSFERS IN/OUT TOTAL         | 3,857,739.00    | .00            | .00            | .00                 | 3,857,739.00  |
|                | TRANSFER OUT TOTAL             | 3,857,739.00    | .00            | .00            | .00                 | 3,857,739.00  |
|                | TOTAL EXPENSES                 | 58,809,359.00   | 3,839,884.49   | 7,398,509.89   | 12.58               | 51,410,849.11 |

**REVENUE REPORT**  
**CALENDAR 8/2019, FISCAL 2/2020**

PCT OF FISCAL YTD 16.6%

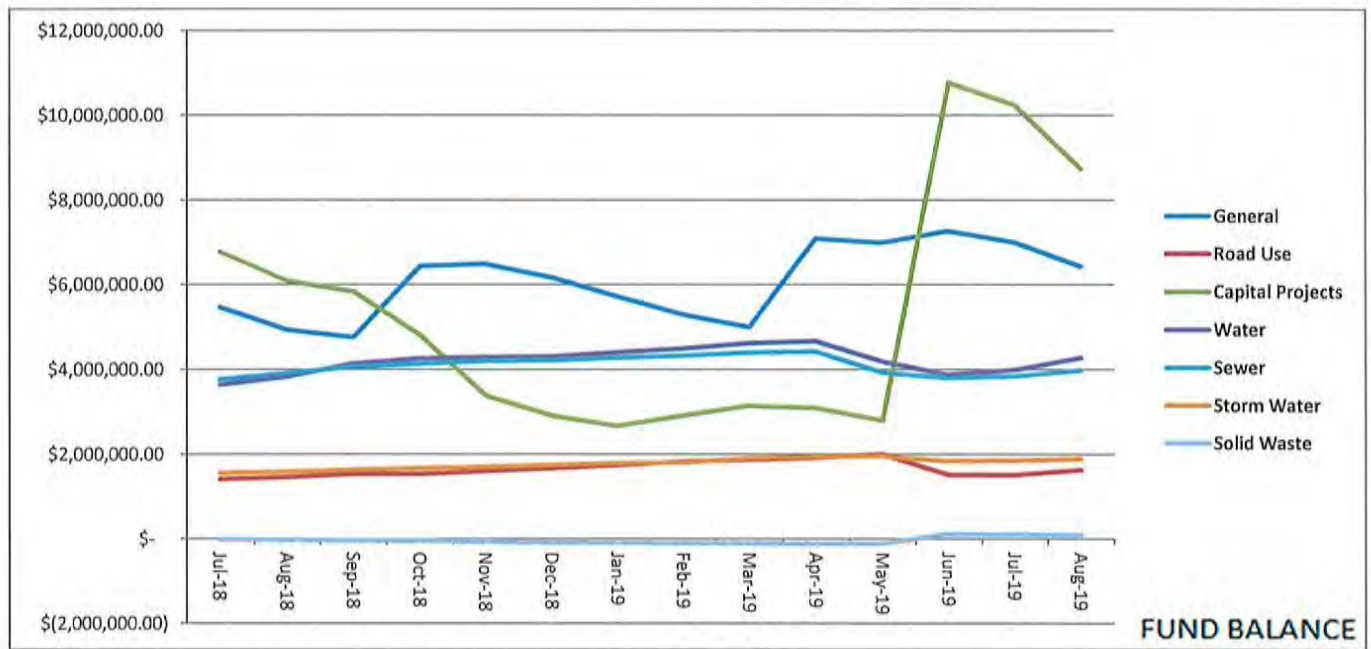
| ACCOUNT NUMBER | ACCOUNT TITLE                  | FISCAL<br>ESTIMATE | PTD<br>BALANCE | YTD<br>BALANCE | PERCENT<br>RECVD | UNCOLLECTED  |
|----------------|--------------------------------|--------------------|----------------|----------------|------------------|--------------|
|                | GENERAL TOTAL                  | 9,587,035.00       | 204,018.22     | 693,521.65     | 7.23             | 8,893,513.35 |
|                | FIRE/RESCUE AUXILIARY TOTAL    | 32,000.00          | .00            | .00            | .00              | 32,000.00    |
|                | ROAD USE TAX TOTAL             | 1,415,000.00       | 165,065.49     | 282,982.14     | 20.00            | 1,132,017.86 |
|                | EMPLOYEE BENEFITS TOTAL        | 1,753,885.00       | 1,448.36       | 3,201.26       | .18              | 1,750,683.74 |
|                | EMERGENCY FUND TOTAL           | 234,975.00         | 194.07         | 427.82         | .18              | 234,547.18   |
|                | LOCAL OPTION SALES TAX TOTAL   | 1,000.00           | 178.05         | 353.29         | 35.33            | 646.71       |
|                | TAX INCREMENT FINANCING TOTAL  | 2,158,592.00       | 1,036.52       | 2,944.88       | .14              | 2,155,647.12 |
|                | ECONOMIC DEVELOPMENT TOTAL     | 87,000.00          | 19,011.51      | 19,011.51      | 21.85            | 67,988.49    |
|                | ECO DEVELOPMENT REVOLVING TOTA | 12,835.00          | 1,069.70       | 2,139.40       | 16.67            | 10,695.60    |
|                | RESTRICTED GIFTS TOTAL         | 11,174.00          | 171.06         | 500.59         | 4.48             | 10,673.41    |
|                | DEBT SERVICE TOTAL             | 3,744,249.00       | 1,627.84       | 3,707.82       | .10              | 3,740,541.18 |
|                | CAPITAL PROJECT FUND TOTAL     | 3,400,000.00       | 1,464.10       | 4,178.20       | .12              | 3,395,821.80 |
|                | CP - ROAD DEVELOPMENT TOTAL    | 400,000.00         | .00            | .00            | .00              | 400,000.00   |
|                | CP - PARKS TOTAL               | 750,000.00         | .00            | .00            | .00              | 750,000.00   |
|                | CP-New Jordan Well 2019 TOTAL  | 3,850,000.00       | 520,113.40     | 1,286,805.49   | 33.42            | 2,563,194.51 |
|                | CP-16" Water Main TOTAL        | 1,600,000.00       | 271,767.73     | 806,819.47     | 50.43            | 793,180.53   |
|                | CP-Water Tower 2019 TOTAL      | 3,800,000.00       | 274,138.05     | 390,903.60     | 10.29            | 3,409,096.40 |
|                | CP-Water Plant Exp 2019 TOTAL  | .00                | .00            | 50,773.60      | .00              | 50,773.60-   |
|                | SE 37TH HWY 141 PROJECT TOTAL  | 5,100,000.00       | .00            | .00            | .00              | 5,100,000.00 |
|                | SE 19TH & SW CO OVERLAY TOTAL  | 110,000.00         | .00            | .00            | .00              | 110,000.00   |
|                | WRA SANI SEWER CONNECTION TOTA | 2,000,000.00       | .00            | 15,036.17      | .75              | 1,984,963.83 |
|                | WRA YARD PIPING & PAVING TOTA  | 381,000.00         | .00            | .00            | .00              | 381,000.00   |
|                | RAW PUMP STATION IMP 2020 TOTA | 274,000.00         | .00            | .00            | .00              | 274,000.00   |
|                | WRA CAPITAL COSTS TOTAL        | 1,000,000.00       | .00            | .00            | .00              | 1,000,000.00 |
|                | HWY44 & COUNTY LN RD 2020 TOTA | 2,200,000.00       | .00            | .00            | .00              | 2,200,000.00 |
|                | N JAMES WATER ISOLATION TOTAL  | 60,000.00          | .00            | .00            | .00              | 60,000.00    |

**REVENUE REPORT**  
**CALENDAR 8/2019, FISCAL 2/2020**

PCT OF FISCAL YTD 16.6%

| ACCOUNT NUMBER | ACCOUNT TITLE          | FISCAL<br>ESTIMATE | PTD<br>BALANCE | YTD<br>BALANCE | PERCENT<br>RECVD | UNCOLLECTED   |
|----------------|------------------------|--------------------|----------------|----------------|------------------|---------------|
|                | WATER TOTAL            | 3,900,500.00       | 436,295.35     | 712,630.89     | 18.27            | 3,187,869.11  |
|                | WATER DEPOSITS TOTAL   | 10,020.00          | 3,250.51       | 8,956.32       | 89.38            | 1,063.68      |
|                | WATER SINKING TOTAL    | 822,096.00         | .00            | .00            | .00              | 822,096.00    |
|                | SEWER TOTAL            | 2,113,600.00       | 223,887.31     | 382,166.18     | 18.08            | 1,731,433.82  |
|                | SEWER SINKING TOTAL    | 596,776.00         | .00            | .00            | .00              | 596,776.00    |
|                | LANDFILL/GARBAGE TOTAL | 649,000.00         | 41,566.75      | 80,900.20      | 12.47            | 568,099.80    |
|                | STORM WATER TOTAL      | 521,500.00         | 57,576.53      | 119,089.07     | 22.84            | 402,410.93    |
|                | TOTAL REVENUE BY FUND  | =====              | =====          | =====          | =====            | =====         |
|                |                        | 52,576,237.00      | 2,223,880.55   | 4,867,049.55   | 9.26             | 47,709,187.45 |
|                |                        | =====              | =====          | =====          | =====            | =====         |





**City of Grimes Claims 9 10 2019**

|                            |                                 |           |
|----------------------------|---------------------------------|-----------|
| CENTRAL PUMP AND MOTOR     | CLARIFIER #3                    | 13,570.60 |
| CHARLES GABUS FORD         | AMBULANCE 384 repairs           | 1,609.89  |
| ICAP                       | PARK EQUIPMENT INS              | 790       |
| HEARTLAND PAYMENT SYSTEMS  | CC fees                         | 763.6     |
| PRINCIPAL LIFE INSURANCE   | EMPLOYEE INSURANCE              | 1,460.11  |
| MAHLER JOHN MARC           | PROPERTY TAX REFUND             | 500       |
| AIA CORPORATION            | ODELL                           | 382.2     |
| ALLENDER BUTZKE ENGINEERS  | 37TH & HWY 141                  | 220.21    |
| SHERWIN WILLIAMS CO.       | N COMPLEX PAINTING              | 445.67    |
| BAKER & TAYLOR             | LIBRARY MATERIALS               | 1,445.52  |
| BANKERS TRUST COMPANY      | ALL DEPT SUPPLIES/COMPUTER/CONF | 12,277.74 |
| BLACK HILLS ENERGY         | POWER                           | 414.43    |
| WASTE CONNECTIONS, DM DI   | CITY GARBAGE COLLECTION         | 38,216.77 |
| SHADRAN INDUSTRIAL & SANI  | AUGUST CLEANING                 | 825.75    |
| BOMGAARS                   | MAINTENANCE                     | 1,224.59  |
| KOCH OFFICE GROUP          | COPY OVERAGE                    | 57.91     |
| CAPITAL CITY EQUIP. CO.    | SKID LOADER                     | 450.03    |
| CITY STATE BANK            | CC fees                         | 65.7      |
| COLLECTION SERVICES CENTER | CHILD SUPPORT                   | 1,396.00  |
| CONCRETE TECHNOLOGIES INC  | SE 37 ST AT HWY 141 IMPROVE     | 56,674.38 |
| CULLIGAN WATER COND.       | WATER COOLER                    | 45.95     |
| DALLAS CENTER/GRIMES SCHO  | Youth sports gym rental         | 350       |
| DELTA DENTAL OF IOWA       | EMPLOYEE INSURANCE              | 194.66    |
| EASTERN IOWA TIRE          | TIRE REPLACEMENT                | 76.3      |
| ECO LOGIX                  | LIGHTS FOR COUNCIL CHAMBER      | 2,214.14  |
| FAREWAY STORES, INC.       | STRATEGIC PLANNING MEETING      | 48.74     |
| FIRST CHOICE DISTRIBUTING  | STATION CLEANING SUPPLIES       | 388.52    |
| FBG SERVICE CORP           | AUGUST CLEANING- GCC            | 1,744.00  |
| FINISH LINE AUTO WORKS     | 2009 FORD EXPLORER              | 201.46    |
| FINCO TREE & WOOD SERVICE  | REMOVE FALLEN TREE              | 2,415.00  |
| GRAND CONSULTING           | IT SUPPORT                      | 1,190.00  |
| HACH COMPANY               | LAB SUPPLIES                    | 589.46    |
| HAWKINS WATER TREATMENT    | WATER CHEMICALS                 | 2,510.00  |
| RODAN OFFICE CLEANING      | CLEANING                        | 630       |
| HILLYARD                   | SUPPLIES                        | 322.24    |
| HOOPLA                     | LIBRARY DIGITAL MATERIALS       | 739.11    |
| HOTSY CLEANING SYSTEMS, I  | MAINTENANCE                     | 197.45    |
| INTERNATIONAL ASSOC. OF F  | IAFC MEMBERSHIP                 | 215       |
| IMWCA                      | INSTALLMENT 3 19-20             | 13,622.00 |
| IOWA ASSN OF MUNICIPAL UT  | CIASSO SEP-NOV 2019             | 1,979.17  |
| INTERSTATE BATTERY SYSTEM  | EQUIP MAINTENANCE               | 98.42     |
| IOWA DEPT OF REVENUE       | Withholding, Excise & Sales Tax | 44,190.00 |
| INTEGRATEDPRINT SOLUTIONS  | JEFF                            | 78        |
| IOWA ONE CALL              | LOCATES                         | 490.5     |
| IPERS                      | IPERS                           | 70,121.11 |
| IOWA SIGNAL INC            | LOCATE                          | 120       |
| KECK ENERGY                | FUEL                            | 4,919.33  |
| LEAF                       | COPIER                          | 174.56    |
| ALEXIS FIRE EQUIPMENT      | REPAIR MED COOLER               | 894.08    |
| GODSEY MAXX                | TAX REBATE                      | 500       |
| LIBERTY READY MIX          | CONCRETE                        | 2,600.50  |

|                           |                             |            |
|---------------------------|-----------------------------|------------|
| LOGAN CONTRACTORS SUPPLY  | SUPPLIES                    | 288.79     |
| LAKESHORE LEARNING        | MATERIALS & PROGRAMMING     | 226.08     |
| MEDIACOM                  | CITY HALL                   | 378.89     |
| MENARDS                   | LIBRARY GARBAGE ENCLOSURE   | 109.84     |
| METRO WASTE AUTHORITY     | CURB-IT                     | 12,602.93  |
| MID COUNTRY MACHINERY, IN | SKID LOADER                 | 35,885.00  |
| MIDAMERICAN ENERGY        | POWER                       | 31,388.99  |
| MISSISSIPPI LIME CO.      | QUICKLIME                   | 4,430.20   |
| MTI DISTRIBUTING INC.     | N COMPLEX IRRIGATION        | 149.8      |
| MUNICIPAL SUPPLY, INC.    | AUTUMN PARK                 | 315.25     |
| OFFICE DEPOT CITY HALL    | SUPPLIES                    | 228.09     |
| OFFICE OF ELECTIONS- POLK | 2019 LOSST ELECTION         | 6,677.22   |
| ONESOURCE BACKGROUND CHEC | GOODVIN & GETTYS            | 135        |
| TRUE VALUE                | MINI EXCAVATOR RENTAL       | 561.57     |
| PIPER JAFFRAY & CO        | LOAN FEES/FA FEES           | 15,312.50  |
| ARNOLD MOTOR SUPPLY       | EQUIPMENT MAINT             | 6.99       |
| JCG LAND SERVICES INC.    | BVR CRK WATERSHED IMP       | 4,289.69   |
| TITAN MACHINERY           | REPAIRS                     | 2.84       |
| TOTAL QUALITY             | SEPTEMBER LAWN CARE         | 12,022.45  |
| CINTAS CORPORATION - #762 | CITY HALL                   | 151.95     |
| USA BLUE BOOK             | NALGENE BOTTLES             | 125.97     |
| USIC LOCATING SERVICES    | LOCATES                     | 10,184.33  |
| ULINE                     | SUPPLIES                    | 41.64      |
| VERIZON WIRELESS, BELLEVU | RADIOS                      | 214.01     |
| VESSCO, INC.              | ACTUATOR                    | 1,279.65   |
| VEENSTRA AND KIMM, INC.   | WRA CONNECTOR               | 228.91     |
| VAN WALL EQUIPMENT        | P 406 ZERO TURN             | 172.51     |
| WASTE MANAGEMENT OF IOWA  | REMOVAL                     | 218.04     |
| WELLMARK BLUE CROSS       | EMPLOYEE INSURANCE          | 1,852.36   |
| WILSON BROS. PEST CONTROL | Mosquito                    | 1,400.00   |
| WILLIAMS SCOTSMAN, INC    | SEPT LEASE                  | 369        |
| BRIDGES LAWN & LANDSCAPE  | MOWING                      | 4,644.00   |
| MERCYONE OCCUPATIONAL HEA | GETTYS & TEIG               | 308        |
| CASEY'S GENERAL STORE     | STRATEGIC PLANNING MTG      | 93.29      |
| DIAMOND OIL COMPANY       | OIL                         | 1,954.23   |
| FIDELITY SECURITY LIFE IN | EMPLOYEE INSURANCE          | 317.68     |
| GATEHOUSE MEDIA IOWA HOLD | PUBLICATION                 | 1,039.82   |
| RJ MARTIN EXCAVATING & TR | NORTH POINT                 | 3,675.00   |
| EFTPS                     | FED/FICA TAX                | 36,196.08  |
| SHANNON ANN               | PROPERTY TAX REFUND         | 500        |
| KANOPY INC                | DIGITAL MATERIAL            | 16         |
| CSG FORTE PAYMENTS, INC   | CC fees                     | 2,698.49   |
| LYLE SUMEK ASSOCIATES     | STRATEGIC PLANNING          | 6,500.00   |
| CAHOY PUMP SERVICE INC    | ASR MODIFICATION            | 8,747.35   |
| ALL TERRAIN SEEDING       | LITTLE BVR & PR CRK CHANNEL | 138,640.62 |
| GROSCH IRRIGATION CO      | NEW JORDAN WELL             | 274,343.00 |
| BEELINE + BLUE            | COPIES OF PLANS             | 11         |
| ZIMCO                     | CHEMCIALS                   | 102        |
| PROGRESSIVE STRUCTURES    | 16 RAW WATER MAIN"          | 94,369.03  |
| MENARDS - GRIMES          | N SPORTS COMPLEX            | 12,020.45  |
| QUALITY TRAFFIC CONTROL   | ARROWBOARD RENTAL           | 1,260.00   |
| INTERACTDEV, LLC          | WEBSITE HOST                | 1,275.00   |



|                             |                                |                     |
|-----------------------------|--------------------------------|---------------------|
| LAVEN'S NW MONUMENT, INC    | HEITHOFF MONUMENT REPAIR       | 45                  |
| O'HARRA, BRIAN              | SPRING/FALL 2019               | 1,000.00            |
| BOOT BARN                   | A TEIG                         | 85.48               |
| PAYROLL CHECKS              | TOTAL PAYROLL CHECKS           | 105,745.18          |
|                             | CLAIMS TOTAL                   | <b>1,123,487.99</b> |
|                             | GENERAL FUND                   | 316,294.93          |
|                             | ROAD USE TAX FUND              | 39,958.87           |
|                             | EMPLOYEE BENEFITS FUND         | 15,086.30           |
|                             | CAPITAL PROJECT FUND FUND      | 1,463.10            |
|                             | CP - WALLACE FUND              | 19.47               |
|                             | CP - PRAIRIE/LITTLE BEAVE FUND | 138,640.62          |
|                             | CP - STORM WATER FUND          | 2,826.59            |
|                             | CP-New Jordan Well 2019 FUND   | 278,343.00          |
|                             | CP- ASR 2019 FUND              | 8,747.35            |
|                             | CP-16 Water Main FUND"         | 98,369.03           |
|                             | CP-Water Tower 2019 FUND       | 4,000.00            |
|                             | CP-Water Plant Exp 2019 FUND   | 2,312.50            |
|                             | SE 37TH HWY 141 PROJECT FUND   | 56,894.59           |
|                             | 2019 OVERLAY PROJECT FUND      | 25.99               |
|                             | WRA SANI SEWER CONNECTION FUND | 228.91              |
|                             | CP-N MAIN & BEAVERBK SIG FUND  | 1,260.00            |
|                             | WATER FUND                     | 59,867.62           |
|                             | SEWER FUND                     | 40,567.99           |
|                             | LANDFILL/GARBAGE FUND          | 52,027.74           |
|                             | STORM WATER FUND               | 6,553.39            |
|                             |                                | <b>1,123,487.99</b> |
| AUGUST 2019 MONTHLY REVENUE | GENERAL FUND                   | 204,018.22          |
|                             | ROAD USE TAX FUND              | 165,065.49          |
|                             | EMPLOYEE BENEFITS FUND         | 1,448.36            |
|                             | EMERGENCY FUND                 | 194.07              |
|                             | LOCAL OPTION SALES TAX FUND    | 178.05              |
|                             | TAX INCREMENT FINANCING FUND   | 1,036.52            |
|                             | ECONOMIC DEVELOPMENT FUND      | 19,011.51           |
|                             | REVOLVING LOAN FUND            | 1,069.70            |
|                             | RESTRICTED GIFTS FUND          | 171.06              |
|                             | DEBT SERVICE FUND              | 1,627.84            |
|                             | CAPITAL PROJECT FUND           | 1,067,483.28        |
|                             | WATER FUND                     | 439,545.86          |
|                             | SEWER FUND                     | 223,887.31          |
|                             | LANDFILL/GARBAGE FUND          | 41,566.75           |
|                             | STORM WATER FUND               | 57,576.53           |
|                             |                                | <b>2,223,880.55</b> |