Grimes City Council Agenda

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

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.

Mayor | Scott Mikkelsen
City Council | Eric Johansen, Andy Borcherding, David Gisch, Ryan Burger, Laurie DePhillips

Grimes City Council Meeting November 8, 2022 at 5:30 pm
In Person/Zoom at Grimes Community Center, 410 SE Main Street

The public is welcome and encouraged to attend and participate in this meeting in person or by internet or phone as follows:
Join Zoom Meeting

https://us06web.zoom.us/j/3787305851?pwd=Y2xpSUU2T3IxUUpkSmFtRVlmTjIyUT09

Meeting ID: 378 730 5851

Passcode: 1234

Public Comment: If you would like to address the City Council during the Public Comment portion of the meeting, please contact the City Clerk by 4:30 p.m. on the date of the meeting by email at rwilliams@grimesiowa.gov with your name and address or by using the RAISE HAND feature by zoom. Participants must be recognized by the presiding officer and must state their full name and address before addressing the City Council. If you are participating via phone, the raise and lower hand feature can be activated by using *9. After you are recognized, use *6 to unmute your audio. The Chat and Q&A functions will be turned off during the meeting. The Mayor will recognize you for 3 minutes of comment, and your microphone will be turned on.
Pursuant to §21.4(2) of the Code of Iowa (2019), the City has the right to amend this agenda up until 24 hours before the posted meeting time.
For any additional assistance or questions in attending the meeting, please call 515-986-3036 Ext 1025 from 8 a.m. to 4:30 p.m., or contact the Grimes City Clerk Rochelle Williams by email at: rwilliams@grimesiowa.gov.

Meetings will be recorded

AGENDA ITEMS FOR NOVEMBER 8, 2022 AT 5:30 PM AT GRIMES COMMUNITY CENTER

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. Claims Report
   C. Resolution 11-0122 Fiscal Year 2021-2022 Annual Urban Renewal Report
   D. Resolution 11-0222 Annual Tax Increment Financing (TIF) Indebtedness Certification
   E. Resolution 11-0322 Amending Form and Policy for Request for Examination and Copying of Public Records
   F. Resolution 11-0422 Renewal of Alcohol Licenses
   G. Resolution 11-0522 Approving Personnel Transactions
   H. Resolution 11-0622 to Enter into Agreement with Pictometry
   I. Resolution 11-0722 To Enter into Contract for Professional Services with Snyder & Associates for Engineering Services Related to Trail Extension on North Side of IA 44 from Brookside Drive to DCG High School
   J. Change Orders
      a. Change Order #1 Forrest & Associates for New Grimes Public Library increasing contract $28,441.65
      b. Change Order #4 Redbud Landscaping, LLC for Native Vegetation Enhancements in Storm Water Treatment Facilities decreasing project $6,060.00
   K. Professional Payments:
      a. Allender Butzke Engineers, Inc for testing at the New Grimes Public Library $3,015.88
      b. Pay Request #11 MSA Professional Services, Inc. for the North Sports Complex Parking Lot Improvements $239.00
      c. Pay Request #31 Bolton & Menk, Inc for the Highway 44 & SW County Line Road Intersection Improvements $5,306.00
      d. Pay Request #4 Foth Infrastructure & Environment, LLC for SE 19th Street Sanitary Sewer Extension $6,724.00
      e. Pay Request #10 Foth Infrastructure 7 Environment, LLC for 2021 Sanitary Sewer Collection System Study $1,565.00
      f. Pay Request #2 Foth Infrastructure & Environment, LLC for SE 11th Street and S James Street – 63,095
      g. Pay Request #4 MSA Professional Services, Inc for SE Jacob Street Reconstruction and Storm Sewer $46,751.80
      h. Pay Request #1 MSA Professional Services, Inc for SE Trail Ridge Road Reconstruction $59,930.00
      i. Pay Request #4 MSA Professional Services, Inc for SE Trail Ridge Road Water Main $9,977.00
      j. Pay Request #47 Veenstra & Kimm, Inc for WRA Connector $59,227.51
      k. Christianson Development for Consulting - New Grimes Library $10,000
      l. Dorsey & Whitney LLP – legal fees $15,000
      m. Sports Facilities Development - Service Agreement $29,333.00 and $20,000
   L. Pay Requests:
      a. Pay Request #9 Redbud Landscaping, LLC for Native Vegetation Enhancements in Storm Water Treatment Facilities $1,995.48
      b. Pay Request #8 Shank Constructors, Inc for the WRA Grime Connector – Contract 4 $252,582.76
      c. Pay Request #3 S.M. Hentges & Sons, Inc for the WRA Grimes Connector Contract 2 $1,410,519.62
      d. Pay Request #3 Halbrook Excavating for SE Jacob Street Reconstruction and Storm Sewer $107,419.82

e. Pay Request #4 Rognes Corporation for WRA Grimes Connector – Contract 3 $2,490,201.31
f. Pay Request #8 S.J. Louis Construction, Inc for WRA Grimes Connector – Contract 1 $828,385.59

M. Resolution 11-0822 Approving Amended Development Agreement with Hope Development & Realty LLC
N. Resolution 11-0922 Authorizing Additional Funding for Repairs on the South Jordan Well
O. Resolution 11-1222 To Amend Contract for Professional Services with Civil Design Advantage for Site Plan Services for the GrimesPlex
P. Resolution 11-1322 Approving and Adopting the 2023 Strategic Plan and Action Agenda
Q. Resolution 11-1422 to Amend Contract for Professional Services with McClure Engineering Company for Consulting Services for North Jordan Well Repairs
R. Resolution 11-1722 Vacating Public Property in Heritage at Grimes Plat 2 and Conveying to Adjoining Property Owner
S. Finance Report for October 2022
T. Resolution 11-1822 Approving Bills and Quotes Over $10,000

5. 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

1. Urban Renewal Plan Amendment – Signature Ernst Holdings, LLC
    a. Public Hearing on Proposed Amendment to the Grimes Urban Renewal Area
    b. Resolution 11-1022 to Approve Urban Renewal Plan Amendment for the Grimes Urban Renewal Area
    c. Resolution 11-1122 Setting a Date of Meeting at Which it is Proposed to Approve a Development Agreement with Signature Ernst Holdings, LLC, including Annual Appropriation Tax Increment Payments
2. An Ordinance 772 Deleting Property from the Tax Increment Financing District for the Grime Urban Renewal Area of the City of Grimes, Iowa, Pursuant to Section 403.19 of the Code of Iowa (request to waive the statutory requirement that an ordinance be considered at two meeting prior to adoption)
3. An Ordinance 773 Providing for the Division of Taxes Levied on Taxable Property in the Grimes Urban Renewal Area, Pursuant to Section 403.19 of the Code of Iowa (request to waive the statutory requirement that an ordinance be considered at two meetings prior to adoption)
4. GrimesPlex Site Plan
5. GrimesPlex Award
    a. Resolution 11-1522 Making Award of Construction Contract for the GrimesPlex
    b. Resolution 11-1622 Authorizing Construction Contract and Bond for the GrimesPlex
6. Slim Chickens Site Plan

ADJOURNMENT

CITY COUNCIL MEETING
Tuesday, October 25, 2022

The regular City Council Meeting was held as an in-person meeting with Zoom available. The meeting was called to order by Mayor Scott Mikkelsen, October 25, 2022, at 5:31 p.m. at the Grimes Community Complex, 410 SE Main Street, Grimes, Iowa. The Pledge of Allegiance was led by Mayor Mikkelsen.

ROLL CALL

Present: Mayor Scott Mikkelsen, Council Members: Andrew Borcherding, Eric Johansen, Laurie DePhillips, David Gisch, Absent: Ryan Burger

AGENDA ITEMS

APPROVAL OF THE AGENDA

Mayor Mikkelsen asked for approval of the agenda.
Moved by Johansen, Second by Borcherding, to approve the agenda
Roll Call: Ayes: All. Nays: None. Motion passes: 4 - 0.

CONSENT AGENDA

A. Minutes from previous meetings B. Claims Report $1,685,924.94 C. Resolution 10-1122 Approving the Street Finance Report E. Resolution 10-1222 Approving Fiscal Year 2022-2023 Transfers E. Resolution 10-1322 Authorizing Internal Advance for Funding of Urban Renewal Administration and Professional Support Program F. Resolution 10-1422 Approving Bills and Payments Over $10,000 G. Resolution 10-1522 Annual Finance Report H. Resolution 10-1622 Consent and Agreement for Improvements Black Birch Homes and Design LLC – Lot 12 of Willow Hills Plat 1 – 3039 NW Brookside Drive I. Resolution 10-1722 Consent and Agreement for Improvements Todd Galetich – Lot 7 in Chevalia Trace Plat 2 -104 NE 24th Court J. Resolution 10-1822 Consent and Agreement for Improvements Lot 18 Autumn Park Plat 1- 301 NW Sunset Lane K. Resolution 10-1922 Consent and Agreement for Improvements Lot 32 Autumn Park Plat 3-500 NW Autumn Park Court L. Resolution 10-2022 Consent and Agreement for Improvements Lot 81 Beaverbrooke Point Plat 3- 1209 NE Heritage Drive M. Resolution 10-2122 Consent and Agreement for Improvements Lot 5 Autumn Park West Plat 1- 1713 NW 8th Street N. Resolution 10-2222 ABD Renewal: 1. Kwik Star #2351- East 1st Street Class B Wine, Class C Beer, Sunday Sales 2. Kwik Start #1024 -1450 NE Gateway Dr: Class B Wine, Class C Beer, Sunday Sales 3. Casey's #3507 -951 SE Gateway Drive: Class B Wine, Class C Beer, Class E Liquor, Sunday Sales 4. Casey's #3746- 1650 NE Beaverbrooke Drive: Class B Wine, Class C Beer, Class E Liquor, Sunday Sales. O. Pay Requests: 1. Pay Request #6 Graphite Construction Group for the New Grimes Public Library $504,672.34 2. Pay Request #2 Forrest & Associates for the New Grimes Public Library $11,637.50 3. Pay Request #4 AMC Mechanical Inc. for the New Grimes Public Library $14,620.50 4. Pay Request #6 Van Maanen Electric Inc for the New Grimes Public Library $31,459.02 5. Pay Request #4 Redbud Landscaping, LLC- Kennybrook Wetland (Landscaping) $2,959.25 6. Pay Request #1 Van Maanen Electric, Inc - County Line Road Traffic Improvements $17,871.46 7. Pay request # 2 Halbrook- Jacob Street Reconstruction $200,669.45 P. Change Orders: 1. Change Order #1 Halbrook Excavating- SE Jacob Reconstruction and Storm Sewer increasing contract $13,940.00 Q. Professional Services Pay Applications:1. Pay Request #8 The Weitz Company, LLC for the New Grimes Public Library $63,119.03 2. Whitfield & Eddy Law – Legal Fees $15,090.50 3. Pay Request #12 ISG Waterworks Park Splash Pad $4,879.38 4. Pay Request #32 McClure Engineering Company -RO Water Treatment Plant Phase 1 $2,720.00 5. Pay Request #2 McClure Engineering

Company -Phase 1AWater System Improvement $69,899.99 6. Pay Request #4 McClure Engineering Company – Grimes Lime Softening Water Treatment Plant CIP Planning & Improvements $6,095.00 7. Pay Request #1 Snyder & Associates, Inc -Traffic Impact Analysis Fagen Development/Surrounding Area - $38,000.00 8. Pay Request #6 Snyder & Associates, Inc-Traffic Signal Network Communication Project $6,327.88 R. Resolution 10-2422 Personnel Resolution S. Resolution 10-2522 Approving the Purchase of Unified Access Control System at City Facilities T. Resolution 10-2722 Accepting Public Improvements in Willow Hills Plat 2 U. Resolution 10-2822 Entering into Contract for Professional Services - Foth Infrastructure and Environment, LLC for Design and Bid Letting Services for Temporary Traffic Signal at S James Street and S 19th Street
Motion by DePhillips, Second by Gisch to approve the Consent Agenda.
Roll Call: Ayes: All; Nays: None Motion passes 4 - 0

PUBLIC FORUM - None

PUBLIC AND COUNCIL AGENDA ITEMS

1. Presentation for Mike Grove Service to the City

Mayor Mikkelsen presented Mike Grove with a plaque commemorating his many years of service to the City of Grimes. Mayor Mikkelsen said Grove first served on the City Council from 1996 to the beginning of 2010. Mayor Mikkelsen said Grove was the first chairman of the Public Health and Safety Commission from 2010 until September 2022. Mayor Mikkelsen expressed his thanks and appreciation for his service to the community over the past 26 years.

2. GrimesPlex

City Engineer Matt Ahrens advised the Council that there were five bids submitted on October 18, 2022, for the GrimesPlex project. Ahrens stated that the bids contained several alternates for additions to the project including parking facilities, a shared use path, netting and dugouts, turf, lighting and controls. Ahrens stated that the recommendation of city staff would be to hold the Public Hearing, receive and file the submitted bids and approve the resolution adopting contract documents and the cost estimate. He added that staff plan to have the city's financial advisor PFM look at the financials and funding before we move forward with an award of the project. This will ensure we have a funding mechanism to cover the construction costs. Ahrens added the plan would be to delay project award until the November 8, 2022, council meeting.

Mayor Mikkelsen opened the Public Hearing at 5:37p.m. Being no written or oral comments, Mayor Mikkelsen closed the Public Hearing at 5:38 p.m.

Council Member Gisch noted that this Resolution would be to approve the plans and specifications but was not awarding contracts until after the financial consultant was able to review the numbers. Ahrens confirmed that contracts would not be awarded until the review was completed and would be presented at a future meeting.
Motion by Johansen, Second by Borcherding, to approve Resolution 10-2922 Adopting Plans, Specifications, Form of Contract and Estimate of Cost for the GrimesPlex.
Roll Call: Ayes: All; Nays: None Motion passes 4 – 0

3. Resolution 10-2622 Entering into a Contract for Professional Services- Discmania for Development of 18-hole Multigolf Park.

Park and Recreation Director Brian Becker addressed the Council stating that this agreement would be for an 18-hole multi-golf park located on approximately 14 acres. Becker explained that Multigolf is a

combination of traditional disk golf, foot golf and park golf. Becker stated the improvements would include signage, restroom facilities, trails and parking. He added that this will be the first Multigolf park in the Des Moines metro and the first 18-hole course in the USA.
Motion by Johansen, Second by Gisch, to approve Resolution 10-2622 Entering into a Contract for Professional Services with Discmania for Development of an 18-hole Multigolf Park.
Roll Call: Ayes: All; Nays: None Motion passes 4 – 0

ADJOURN
There being no further business.
Motion by Gisch, Second by Johansen, to adjourn the meeting at 5:45 p.m.
Roll Call: Ayes: All. Nays: None. Motion passes: 4- 0.

ATTEST:

_____ _____
Rochelle Williams, City Clerk Scott Mikkelsen, Mayor

CITY OF GRIMES CLAIMS 11/08/22

CENTRAL PUMP AND MOTOR	REPAIR OF WW BLOWER, PARTS, OIL	3,298.26
D&K PRODUCTS	DURAEDGE AND DELIVERY	4,750.64
GRIMCO	INK CARTRIDGES FOR SIGN PRINTER	304.00
AIA CORPORATION	DUTY UNIFORM/BOOTS - HEADLEY	143.35
ALLENDER BUTZKE ENGINEERS	TESTING- NEW LIBRARY	3,015.88
EUROFINS TESTAMERICA	MANDATED WW TESTING	1,435.00
BAKER & TAYLOR	MATERIALS - LIBRARY	1,028.10
BANKERS TRUST COMPANY	CONF EXP/TRAINING/SUPPLIES	9,522.40
BLACK HILLS ENERGY	GAS	1,670.93
BOMGAARS	SUPPLIES, TOOLS, CLOTHING - ALL DEPTS	757.63
CAPITAL SANITARY SUPPLY	PAPER PRODUCTS - LIBRARY	450.90
CITY OF URBANDALE	WRA INSPECTION FEE	826.50
CENTRAL IOWA PEST	PEST CONTROL	325.00
COLLECTION SERVICES CENTER	CHILD SUPPORT	1,378.42
CORE & MAIN	ANIMAL GUARD (FES), PW REPAIRS	3,492.71
CROWN TROPHY	PLAQUE FOR SERVICE RECOGNITION	133.50
CULLIGAN WATER COND.	WATER COOLER - LIBRARY	9.95
DES MOINES STAMP MFG CO.	NOTARY STAMP - KERR	33.00
FAREWAY STORES, INC.	OFFICE SUPPLIES	41.76
EXCEL MECHANICAL CO	INVESTIGATE PLUMBING ISSUE	261.00
FELD FIRE	REPAIR 2021 AMBULANCE	922.43
FINISH LINE AUTO WORKS	S-102, S-103 REPAIRS, TIRE REPAIR	3,397.78
HACH COMPANY	CHEMICAL REAGENTS, PH SOLUTION	714.16
DORSEY & WHITNEY LLP	GO BOND SERIES 2022, 2022A	25,000.00
HAWKINS INC.	CHEMICALS FOR RO PLANT	1,313.93
HILLYARD	SUPPLIES	192.59
HOOPLA	MATERIALS - LIBRARY	1,048.96
RELIANT FIRE APPARATUS	E371 AND L375 REPAIRS	3,695.68
IMWCA	INSTALLMENT 5 WORK COMP 2023	10,679.00
IOWA DEPT OF REVENUE	OCTOBER WATER EXCISE, SALES TAX	32,793.63
INTEGRATEDPRINT SOLUTIONS	ANTHONY LEO BUSINESS CARDS	49.00
IOWA DOT	AGGREGATE TECH RECERT - HANSON	120.00
IOWA ONE CALL	LOCATES	466.50
IOWA POETRY ASSOCIATION	MATERIALS - LIBRARY	12.75
IOWA PRISON INDUSTRIES	SIGN BLANKS	403.20
LAMPE CHARLES & AMBER	HBI SPRING 2022 - FINAL	500.00
JONES JOHN P	HBI SPRING AND FALL 2022 FINAL	1,000.00
NATIONS KRISTEN	BOOT CAMP INSTRUCTION	573.75
LOGAN CONTRACTORS SUPPLY	CRACK SEAL BLADES	164.60
LOGOED APPAREL & PROMOTION	SAFETY VESTS	301.12
LAKESHORE LEARNING	PROGRAM SUPPLIES - LIBRARY	599.00
METRO WASTE AUTHORITY	SEPTEMBER/OCTOBER GARBAGE, CURB-IT	133,700.27
MIDAMERICAN ENERGY	ELECTRIC	45,197.61
MUNICIPAL SUPPLY, INC.	METERS & MXU'S	10,773.00
NICHOLS EQUIPMENT LLC	EQUIPMENT RENTAL	2,316.79
NORTHWAY CORPORATION	REPAIRS TO S JORDAN WELL	93,275.00

O'HALLORAN INTERNATIONAL	S209 MAINTENANCE, ANNUAL SNOW MAINT.	2,433.90
O'REILLY AUTO PARTS	OIL/FILTERS FOR SHOP/PARKS VEHICLES	415.25
OFFICE DEPOT	OFFICE SUPPLIES	375.36
PETERSON PEST & TERMITE	PEST CONTROL - LIBRARY	35.00
DAVIS EQUIPMENT CORPORATION	AERATOR WHEELS AND RIMS	602.86
PLUMB SUPPLY CO. - DM	TOILET REPAIR	114.33
POLK CO RECORDER	ANNEXATION	432.00
PROTEX CENTRAL, INC.	FIRE ALARM MAINT - LIBRARY	294.50
RACOM CORPORATION	RADIO ACCESS	709.78
SHATTUCK/RPM INC	SOD	756.00
SMITH'S SEWER SERVICE	LABOR TO CLEAN STOOL LINE	95.00
STAR EQUIPMENT LTD.	MINI SKID STEER RENTAL	981.00
TAPCO	RADIO TRANSMITTER-CROSSING SIGN	441.01
THORPE WATER DEVELOPMENT	OCTOBER DISCONNECTS	100.00
THOMAS BUS SALES	PARTS FOR SKID LOADER TRAILER	200.00
TRIPLETT OFFICE ESSENTIAL	FRONT DESK & CHAIR - PARKS	1,656.92
USA BLUE BOOK	REPLACEMENT CAPS	351.13
VERIZON WIRELESS	CELL PHONES	325.09
VEENSTRA AND KIMM, INC.	WRA CONNECTOR	59,227.51
VAN WALL EQUIPMENT	OIL/ FILTERS FOR MOWERS, REPAIR PARTS	523.98
WILLIAMS SCOTSMAN, INC	MOBILE OFFICE	376.45
WRIGHT OUTDOOR SOLUTIONS	STUMP GRINDING	720.00
WORLD TRADE PRESS	MATERIALS - LIBRARY	218.48
ELM USA	DISC BUFFER - LIBRARY	25.00
ICMA	MEMBERSHIP - ANDERSON	1,190.00
RJ MARTIN EXCAVATING	HAULING JUNK DIRT- ST SWEEPER	881.40
ROGNES CORP	WRA CONNECTOR - CONTRACT 3	2,490,201.31
ENVISIONWARE	CONSULTING - LIBRARY	300.00
INNOVATIVE INTERFACES	SOFTWARE ANNUAL SUBSCRIPTIONS	13,053.87
EFTPS	FED/FICA TAX	53,788.46
KANOPY INC	MATERIALS - LIBRARY	55.00
POLK CO TREASURER	OCTOBER CONTRACT 2022	115,821.83
SMITH, GENE	HBI FALL AND SPRING 2022	1,000.00
GWORKS	2022 TAX FORMS - W2 AND 1099	266.09
BENTLEY RIDGE TREE FARM	REPLACEMENT TREES LYONS TRAIL	2,315.00
DES MOINES ASPHALT & PAVE	POTHOLE MIX	147.60
MENARDS GRIMES	SUPPLIES AND TOOLS - ALL DEPTS	1,706.22
MI-FIBER, LLC	INTERNET	472.80
BOLTON AND MENK INC	HWY 44 & SW CNTY LINE IMPRVMNT	5,306.00
FENIX PEST CONTROL, INC	CASH BOND REFUND	1,000.00
SHANK CONSTRUCTORS INC	WRA CONNECTOR - CONTRACT 4	252,582.76
VOYA	DEFER COMP PRE-TAX	3,801.92
FOTH INFRASTURCTURE & ENV	SE 11TH ST & S JAMES PMT #2	71,384.74
AIG	DEFER COMP ROTH	682.50
HORACE MANN	DEFER COMP ROTH	275.00
MASSMUTUAL	DEFER COMP ROTH	1,005.00
CHRISTENSEN DEVELOP 1 LLC	BUILDING CONSULTING - LIBRARY	10,000.00
NILLES ASSOCIATES	MS4 PERMIT MANAGEMENT SWPPP, IMAGE REVIEW	1,864.50

LUMEN CENTURY LINK	PHONES	557.03
MSA PROFESSIONAL SERVICES	SE TRAIL RIDGE RD RECONSTR #1	116,897.80
ENCODEPLUS, LLC	ORDINANCE UPDATES	180.00
REDBUD LLC	NATIVE VEG ENHANCEMENT STM WTR	1,995.48
ANKENY SANITATION	OCTOBER GARBAGE & RECYCLING	1,940.25
AMERICAN MECHANICAL	REPAIR TO FURNACE	625.00
WAUKEE POWER EQUIPMENT	P416 BATTERY	110.69
SCENTAIR TECHNOLOGIES	GCC IONIZATION SERVICE	457.00
RENEWABLE ENERGY GROUP	FUEL	4,467.09
I&S GROUP, INC	GLENSTONE SURVEYING & PLAN	700.00
EBS	INS- PRE-TAX	2,831.38
EZ FACILITY	SCHEDULING SOFTWARE 6 MONTHS	2,003.00
ROTARY CLUB OF WEST POLK	QUARTERLY ROTARY DUES - ANDERSON	145.00
SYNERGY FIRE & SAFETY	HAULING SLUDGE TO WRA	44,778.29
HALBROOK EXCAVATING, INC	SE JACOB ST RECON & STORM SWR	107,419.82
LINDE GAS & EQUIPMENT INC	ACETYLENE	115.92
CENTRAL IOWA OFFICIALS	ADULT BB OFFICIATING	420.00
CITY OF GRIMES FLEX	DEPENDENT CARE	3,176.05
SJ LOUIS CONSTRUCTION	WRA CONNECTOR - CONTRACT 1	828,385.59
URBAN FLOORING & DESIGN	FLOORING AT CITY HALL	1,486.25
S.M. HENTGES & SONS INC	WRA CONNECTOR - CONTRACT 2	1,410,519.62
KINZLER CONSTRUCTION SVC	DOOR #9 TEMP REPAIR - PW BUILDING	339.00
CITY OF GRIMES HSA	HSA DEDUCTION	275.00
SPORTS FACILITIES DEVELOP	GRIMESPLEX PLANNING, DESIGN, FEES	78,666.00
COGLEY LLC	WALLACE BUILDINGS DEMOLITION 2	27,778.00
EDWARDS ENTERPRISES INC	REPAIRS TO 808 NW 11TH ST WATER MAIN	12,741.43
AMAZON	MATERIALS/SUPPLIES	167.71
BOB BROWN CHEVROLET INC	CITY HALL VEHICLE TAX,LIC,REG	908.00
SUPERIOR INDUSTRIAL EQUIP	DRILLING & TAPPING BOOSTER PUMP	733.50
SHEDD AIMEE	LINE DANCING INSTRUCTOR	331.87
TX CHILD SUPPORT SDU	CHILD SUPPORT	98.77
VOOMLY INC	ANIMATION EDITING SOFTWARE AND UPGRADES	157.30
SPORTS FIELD MANAGEMENT	SPORTS FACILITY OPERATIONS JOB POSTING	60.00
DEPOSIT REFUNDS	REFUND DATE 11/01/2022	17,096.57
PAYROLL CHECKS	TOTAL PAYROLL CHECKS	147,538.23
	CLAIMS TOTAL	**6,318,704.87**
	GENERAL FUND	340,122.92
	LIBRARY FUND FUND	36,093.18
	ROAD USE TAX FUND	24,579.66
	EMPLOYEE BENEFITS FUND	10,833.00
	WRA SANI SEWER PHASE 1 FUND	888,439.60
	19TH ST SEWER EXTENSION FUND	6,724.00
	HWY44 & COUNTY LN RD 2020 FUND	5,306.00
	N SPORTS COMPLEX PARKING FUND	239.00
	GRIMES LIBRARY BLDG FUND FUND	13,015.88
	SANI SEWER STUDY FUND	1,565.00
	WRA SANI SWR PHASE 2 FUND	1,410,519.62
	WRA SANI SEWER PHASE 3 FUND	2,490,201.31

	WRA SANI SWR PHS 4 FUND	252,582.76
	WALLACE FARM FUND	52,778.00
	JACOB ST OVERLAY PROJ FUND	154,171.62
	GRIMESPLEX FUND	78,666.00
	TRL RDG/BEAVER WATER MAIN FUND	9,977.00
	SE 11TH & JAMES FUND	63,095.74
	WATER PRODUCTION PROJECTS FUND	93,275.00
	SE TRL RDG RD RECONSTRUCT FUND	59,930.00
	EQUIP REVOLVING PROGRAM FUND	908.00
	WATER FUND	89,482.24
	WATER DEPOSITS FUND	8,958.42
	SEWER FUND	77,960.55
	LANDFILL/GARBAGE FUND	135,642.47
	STORM WATER FUND	13,637.90
		6,318,704.87
OCTOBER MONTHLY REVENUE	GENERAL FUND	3,236,567.87
	LIBRARY FUND	449,618.64
	ROAD USE TAX FUND	177,368.62
	EMPLOYEE BENEFITS FUND	395,191.62
	LOCAL OPTION SALES TAX FUND	140,936.91
	TAX INCREMENT FINANCE FUND	2,289,769.72
	ECONOMIC DEV REV LOAN FUND	1,069.70
	RESTRICTED GIFTS FUND	2,000.00
	DEBT SERVICE FUND	1,121,978.33
	CAPITAL PROJECTS FUND	2,588,400.70
	EQUIPMENT REVOLVING PROGRAM FUND	300,000.00
	WATER FUND	601,429.25
	SEWER FUND	292,901.57
	LANDFILL/GARBAGE FUND	61,748.10
	STORM WATER FUND	65,424.87
		11,724,405.90

Bankers Trust Credit Cards		
City of Grimes		
	$26.00	Cognito
	$15.89	Adobe Acrobat STD - Tammy Johnson
	$147.06	Office supplies
	$50.00	IA League of Cities budget workshop
	$238.95	
Parks & Rec		
	$40.00	Scheduling software - 2 months
	$199.00	NRPA job posting - rec manager
	$160.00	IPR fall conference registration - Leo
	$675.00	NRPA annual membership - Schulz
	$100.00	Concessions RFP for Grimesplex
	$1,174.00	
Dev Serv - Alex		
	$597.00	Electric exams prep - Kamm, Tibbles, Clyce
	$230.00	Residential building inspector exam - Kamm
	$827.00	
Public Works		
	$226.47	Gas for Snow & Ice conference
	$1,341.00	Lodging for Snow & Ice conference
	$800.00	IA APWA Roadeo - 8 attendees
	$168.00	Lodging - APWA Council Bluffs
	$363.83	Pesticide, CIC continuing education - 5 staff
	$672.00	Lodging - spot training - 4 staff
	$122.00	Fuel - APWA Council Bluffs
	$3,693.30	
Library		
	$260.40	Survey Monkey annual subscription
	$410.00	MN Library Assn conference registration - Heid
	$137.84	Materials
	$6.29	Pet supplies
	$381.19	Program supplies
	$25.09	Meals for ILA conference
	$288.30	Lodging - ILA conference - Heid
	$1,509.11	
Administrator		
	$2.00	Parking Dart commission meeting
	$93.00	Airport parking - ICMA conference

	$300.16	Lodging - Iowa League of Cities conference
	$29.97	Car from airport to hotel - ICMA conference
	$998.75	Lodging - ICMA Conference
	$1,423.88	
City Hall		
	$386.59	Recording fees
	$57.92	Snacks for LEAN trainings
	$117.72	Manager's lunch
	$20.98	Office supplies
	$63.95	Strategic planning breakfast
	$647.16	
IT		
	$9.00	Text to speech software-phones
	$9.00	
total	$9,522.40	

CITY OF GRIMES

CITY COUNCIL COMMUNICATION
Meeting Date: 11/08/2022

AGENDA ITEM: Resolution #11-0122 Fiscal Year 2021-2022 Annual Urban Renewal Report

BACKGROUND: The City is required to provide information to the State by December 1st of each year on the city's Urban Renewal Area. The attached report provides the projects listed in our Urban Renewal Plan and debts the city has incurred through our various projects and TIF agreements. The report provides information for revenue and expenses in the TIF special revenue fund during the fiscal year ended on June 30, 2022.

BUDGETARY CONSIDERATIONS: In Fiscal Year 2021-2022 the City paid $3,034,160 in TIF rebate payments, spent $2,088,365 to partially fund GO debt obligations, and spent $409,340 to reimburse the General Fund for expenses in the city admin support program. The TIF special revenue fund had a beginning balance on July 1, 2021 of $850,644 and ended the fiscal year on June 30, 2022 with an ending balance of $511,645.

STRATEGIC PLANNING:
Prioritized ____YES ____NO

*High-Performing Organization/Exception Professional Services
*Great Place to Live/Expanded Quality of Life Amenities X
*Dynamic Town/Strong Sense of Community _____
*More Beautiful/Vibrant Community _____

BOARD/COMMISSION ACTION(S): Council approved all TIF rebate payments, the transfer for the city admin support program and the payments for all GO debt.

STAFF RECOMMENDATION: Staff recommends approval

RESPONSIBLE STAFF/CONTACT INFORMATION: Marcia Woodke
mwoodke@grimesiowa.gov

Prepared by: Marcia Woodke
Return to: Marcia Woodke

CITY OF GRIMES

RESOLUTION #11-0122

Resolution Approving the Fiscal Year 2021-2022 Annual Urban Renewal Report

WHEREAS, the State of Iowa requires each city to provide an Annual Urban Renewal Report to the State by December 1st of each year, and;

WHEREAS, the City of Grimes' fiscal year 2021-2022 TIF special revenue fund information has been compiled and input on the Department of Management's form.

NOW THEREFORE, BE IT HEREBY RESOLVED, by the City Council of the City of Grimes, Iowa, that upon review of the attached report, said report is approved and adopted as the city's official Fiscal Year 2021-2022 Annual Urban Renewal Report.

BE IT FURTHER RESOLVED, by the City Council of Grimes, Iowa, that the Mayor and City Clerk are hereby authorized and directed to execute said resolution.

Passed and approved this 8th day of November,2022.

_____ _____

Scott Mikkelsen, Mayor Date

Attest:

_____ _____

Rochelle Williams, City Clerk Date

Annual Urban Renewal Report, Fiscal Year 2021 - 2022

Levy Authority Summary

Local Government Name: GRIMES
Local Government Number: 77G719

Active Urban Renewal Areas	U.R. #	# of Tif Taxing Districts
GRIMES URBAN RENEWAL	77044	19

TIF Debt Outstanding: **101,258,542**

TIF Sp. Rev. Fund Cash Balance as of 07-01-2021:	**850,644**	**0**	**Amount of 07-01-2021 Cash Balance Restricted for LMI**
TIF Revenue:	0		
TIF Sp. Revenue Fund Interest:	0		
Property Tax Replacement Claims	5,192,866		
Asset Sales & Loan Repayments:	0		
Total Revenue:	**5,192,866**		
Rebate Expenditures:	3,034,160		
Non-Rebate Expenditures:	2,497,705		
Returned to County Treasurer:	0		
Total Expenditures:	**5,531,865**		
TIF Sp. Rev. Fund Cash Balance as of 06-30-2022:	**511,645**	**0**	**Amount of 06-30-2022 Cash Balance Restricted for LMI**

Year-End Outstanding TIF Obligations, Net of TIF Special Revenue Fund Balance: **95,215,032**

♣ Annual Urban Renewal Report, Fiscal Year 2021 - 2022

Urban Renewal Area Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL
UR Area Number: 77044

UR Area Creation Date: 05/1987

UR Area Purpose: The goal is to stimulate, through public involvement and commitment, private investments in commercial and industrial development and the creation of a sound economic base as the foundation of future growth and development.

Tax Districts within this Urban Renewal Area	Base No.	Increment No.	Increment Value Used
GRIMES CITY/DC-GRIMES SCH/92 AMD TIF INCR	770181	770182	17,032,473
GRIMES CITY AG/DC-GRIMES SCH/92 AMD TIF INCR	770183	770184	0
GRIMES CITY/JOHNSTON SCH/17 ORD 687 AMD TIF INCR	770185	770186	6,193,402
GRIMES CITY AG/JOHNSTON SCH/17 ORD 687 AMD TIF INCR	770187	770188	0
GRIMES CITY/DC-GRIMES SCH/17 ORD 690 AMD TIF INCR	770239	770240	53,963,189
GRIMES CITY AG/DC-GRIMES SCH/17 ORD 690 AMD TIF INCR	770241	770242	0
GRIMES CITY/JOHNSTON SCH/17 ORD 690 AMD TIF INCR	770243	770244	12,001,656
GRIMES CITY AG/JOHNSTON SCH/17 ORD 690 AMD TIF INCR	770245	770246	0
GRIMES CITY/DC-GRIMES SCH/87 & 90 TIF INCR	770261	770263	53,981,404
GRIMES CITY/JOHNSTON SCH/87 & 90 TIF INCR	770353	770265	3,469,677
GRIMES CITY AG/DC-GRIMES SCH/87 & 90 TIF INCR	770262	770516	0
GRIMES CITY AG/JOHNSTON SCH/87 & 90 TIF INCR	770264	770517	0
GRIMES CITY/URB SCH/87 & 90 TIF INCR	770570	770571	88,682
GRIMES CITY AG/URB SCH/87 & 90 TIF INCR	770569	770598	0
GRIMES CITY/JOHNSTON SCH/03 AMD TIF INCR	770645	770646	22,906,704
GRIMES CITY AG/JOHNSTON SCH/03 AMD TIF INCR	770644	770653	0
GRIMES CITY/JOHNSTON SCH/18 ORD 712 NOV ADDITION AMD TIF INCR	770925	770926	307,708
GRIMES CITY/DC-GRIMES SCH/20 ORD 741 SEPT ADD AMD TIF INCR	770949	770950	0
GRIMES CITY AG/DC-GRIMES SCH/20 ORD 741 SEPT ADD AMD TIF INCR	770951	770952	0

Urban Renewal Area Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	3,269,550	1,141,683,240	381,768,880	57,559,420	0	-661,164	1,668,437,346	0	1,668,437,346
Taxable	2,747,421	644,016,716	343,591,992	51,803,478	0	-661,164	1,098,750,207	0	1,098,750,207
Homestead Credits									3,171

TIF Sp. Rev. Fund Cash Balance as of 07-01-2021:	**850,644**	**0**	**Amount of 07-01-2021 Cash Balance Restricted for LMI**
TIF Revenue:	0		
TIF Sp. Revenue Fund Interest:	0		
Property Tax Replacement Claims	5,192,866		
Asset Sales & Loan Repayments:	0		
Total Revenue:	**5,192,866**		
Rebate Expenditures:	3,034,160		
Non-Rebate Expenditures:	2,497,705		
Returned to County Treasurer:	0		

TIF Sp. Rev. Fund Cash Balance as of 06-30-2022:	511,645	0	Amount of 06-30-2022 Cash Balance Restricted for LMI

Projects For GRIMES URBAN RENEWAL

2007 Bond issue

Description:	Water, sewer and road construction for new development
Classification:	Roads, Bridges & Utilities
Physically Complete:	Yes
Payments Complete:	No

Hunter Farms Agreement

Description:	Rebate conditional on development
Classification:	Industrial/manufacturing property
Physically Complete:	No
Payments Complete:	No

Park Systems Infrastructure

Description:	Improvements to existing Sports Complex
Classification:	Recreational facilities (lake development, parks, ball fields, trails)
Physically Complete:	Yes
Payments Complete:	No

Grimes Community Complex

Description:	Bldg Improvements
Classification:	Municipal and other publicly-owned or leased buildings
Physically Complete:	Yes
Payments Complete:	No

Park Systems Trail Construction

Description:	Linked trail system with Johnston
Classification:	Recreational facilities (lake development, parks, ball fields, trails)
Physically Complete:	Yes
Payments Complete:	No

James Street Improvements

Description:	Improvements to Major collector
Classification:	Roads, Bridges & Utilities
Physically Complete:	Yes
Payments Complete:	No

Hwy 44 Construction

Description:	Improvements, signals and lane widening to Hwy 44
Classification:	Roads, Bridges & Utilities
Physically Complete:	Yes
Payments Complete:	No

Physically Complete:	Yes
Payments Complete:	No

2012 Bond Issue/Reissue 2020B

Description:	SE Main Street and Road Improvement
Classification:	Roads, Bridges & Utilities
Physically Complete:	Yes
Payments Complete:	No

2014 TNC rebate

Description:	reconstruction of commerical building
Classification:	Commercial - retail
Physically Complete:	Yes
Payments Complete:	No

2015 Bond Issue

Description:	North Sports Complex and NE James, NE Main and BB Boulevard
Classification:	Roads, Bridges & Utilities
Physically Complete:	Yes
Payments Complete:	No

2015 Prairie Business Park rebate

Description:	New Construction
Classification:	Commercial - warehouses and distribution facilities
Physically Complete:	Yes
Payments Complete:	No

2015 Hubbell Rebate

Description:	New construction
Classification:	Commercial - warehouses and distribution facilities
Physically Complete:	Yes
Payments Complete:	No

2016 Shade Tree Auto Rebate

Description:	New construction of an existing business in Grimes
Classification:	Commercial - retail
Physically Complete:	Yes
Payments Complete:	No

2016 Total Family Eye Care

Description:	New construction of an existing business in Grimes
Classification:	Commercial - retail
Physically Complete:	Yes
Payments Complete:	No

2016 Heritage - BB Boulevard

Description:	New Construction of a Major Collector
Classification:	Roads, Bridges & Utilities

2016 RO System

Description:	New Water Treatment System to provide better quality water
Classification:	Water treatment plants, waste treatment plants & lagoons
Physically Complete:	Yes
Payments Complete:	No

2017 Hy-Vee Rebate

Description:	New Construction
Classification:	Commercial - warehouses and distribution facilities
Physically Complete:	Yes
Payments Complete:	No

2017 C2P2 rebate

Description:	New Construction
Classification:	Commercial - warehouses and distribution facilities
Physically Complete:	Yes
Payments Complete:	No

2017 Daimler Trucks

Description:	New Construction
Classification:	Commercial - warehouses and distribution facilities
Physically Complete:	Yes
Payments Complete:	No

2013 Bond Ref 2003

Description:	Road construction
Classification:	Roads, Bridges & Utilities
Physically Complete:	Yes
Payments Complete:	No

2018A Bond Issue

Description:	Infrastructure, Roads, Ambulance
Classification:	Roads, Bridges & Utilities
Physically Complete:	Yes
Payments Complete:	No

2018 Grimes Ind Park #5 Hubbell

Description:	New Construction
Classification:	Commercial - warehouses and distribution facilities
Physically Complete:	Yes
Payments Complete:	No

2018 Thieleke Trust

Description:	New Construction
Classification:	Commercial - retail
Physically Complete:	No
Payments Complete:	No

Classification:	Commercial - warehouses and distribution facilities
Physically Complete:	No
Payments Complete:	No

2018 Destination Market (Menards)

Description:	New Construction
Classification:	Commercial - retail
Physically Complete:	No
Payments Complete:	No

2017 Street/Trail/Infrastructure/Amb

Description:	Street/Trail/Infrastructure
Classification:	Roads, Bridges & Utilities
Physically Complete:	Yes
Payments Complete:	No

2019A Bond Issue

Description:	Roads, Utilities, Storm water mitigation
Classification:	Roads, Bridges & Utilities
Physically Complete:	No
Payments Complete:	No

2018 Hy-Vee #2 Rebate

Description:	New Construction
Classification:	Commercial - retail
Physically Complete:	No
Payments Complete:	No

2018 Iowa Stone Rebate

Description:	New Construction
Classification:	Commercial - retail
Physically Complete:	Yes
Payments Complete:	No

2018 Hope K Farm Rebate

Description:	New Construction
Classification:	Roads, Bridges & Utilities
Physically Complete:	No
Payments Complete:	No

2020A Bond Issue

Description:	Roads, Utilities,Equipment, Land,Infras.
Classification:	Roads, Bridges & Utilities
Physically Complete:	No
Payments Complete:	No

Anderson Four LLC Rebate

Description:	New Construction
Classification:	Commercial - office properties

Golden Rule Rebate

Description:	New Construction
Classification:	Commercial - warehouses and distribution facilities
Physically Complete:	Yes
Payments Complete:	No

Hope K Farms Phase 1

Description:	New Construction SportsPlex
Classification:	Recreational facilities (lake development, parks, ball fields, trails)
Physically Complete:	No
Payments Complete:	No

City Admin Support Program

Description:	Administrative Support for TIF
Classification:	Administrative expenses
Physically Complete:	No
Payments Complete:	No

2021A GO Bond Issue

Description:	Library new construction, roads, infrastructure, splashpad
Classification:	Municipal and other publicly-owned or leased buildings
Physically Complete:	No
Payments Complete:	No

2022A GO Bond Issue

Description:	Parks, streets, signals, equipment, trails
Classification:	Recreational facilities (lake development, parks, ball fields, trails)
Physically Complete:	No
Payments Complete:	No

2022 Wallace Farm Park Project

Description:	Park, parking lots, storm sewers, playground
Classification:	Recreational facilities (lake development, parks, ball fields, trails)
Physically Complete:	No
Payments Complete:	No

2022 Medical Campus Dev Project

Description:	Medical campus
Classification:	Commercial-Medical
Physically Complete:	No
Payments Complete:	No

37th St Widening Project

Description:	Street improvements, lighting, sidewalk
Classification:	Roads, Bridges & Utilities
Physically Complete:	No

Description:	Street Improvements, lighting, sidewalk
Classification:	Roads, Bridges & Utilities
Physically Complete:	No
Payments Complete:	No

MidAmerican Electrical Imp

Description:	Electrical line installations on 37th St
Classification:	Roads, Bridges & Utilities
Physically Complete:	No
Payments Complete:	No

Debts/Obligations For GRIMES URBAN RENEWAL

Hunter Farms Agreement

Debt/Obligation Type:	Rebates
Principal:	0
Interest:	0
Total:	0
Annual Appropriation?:	Yes
Date Incurred:	12/23/2003
FY of Last Payment:	2020

2012 Bond Issue/Reissue 2020B

Debt/Obligation Type:	Gen. Obligation Bonds/Notes
Principal:	1,785,000
Interest:	202,580
Total:	1,987,580
Annual Appropriation?:	No
Date Incurred:	12/03/2012
FY of Last Payment:	2032

2014 TNC

Debt/Obligation Type:	Rebates
Principal:	2,811
Interest:	0
Total:	2,811
Annual Appropriation?:	Yes
Date Incurred:	01/14/2014
FY of Last Payment:	2025

2015 Bond Issue

Debt/Obligation Type:	Gen. Obligation Bonds/Notes
Principal:	3,215,000
Interest:	815,313
Total:	4,030,313
Annual Appropriation?:	No
Date Incurred:	04/14/2015
FY of Last Payment:	2035

2015 Prairie Business Park

Debt/Obligation Type:	Rebates
Principal:	1,198,986
Interest:	0
Total:	1,198,986
Annual Appropriation?:	Yes
Date Incurred:	04/14/2015
FY of Last Payment:	2025

2015 Hubbell

Total:	358,866
Annual Appropriation?:	Yes
Date Incurred:	04/14/2015
FY of Last Payment:	2025

2016 Total Family Eye Care

Debt/Obligation Type:	Rebates
Principal:	12,929
Interest:	0
Total:	12,929
Annual Appropriation?:	Yes
Date Incurred:	11/10/2015
FY of Last Payment:	2025

2016 Shade Tree Auto

Debt/Obligation Type:	Rebates
Principal:	24,691
Interest:	0
Total:	24,691
Annual Appropriation?:	Yes
Date Incurred:	11/10/2015
FY of Last Payment:	2025

2016 Heritage

Debt/Obligation Type:	Rebates
Principal:	2,394,546
Interest:	0
Total:	2,394,546
Annual Appropriation?:	Yes
Date Incurred:	11/10/2015
FY of Last Payment:	2025

2017 C2P2 LLC Rebates

Debt/Obligation Type:	Rebates
Principal:	1,500,000
Interest:	0
Total:	1,500,000
Annual Appropriation?:	Yes
Date Incurred:	05/23/2017
FY of Last Payment:	2029

2017 Daimler Trucks Rebates

Debt/Obligation Type:	Rebates
Principal:	1,582,381
Interest:	0
Total:	1,582,381
Annual Appropriation?:	Yes
Date Incurred:	06/13/2017
FY of Last Payment:	2026

2018 Grimes Ind Park 5 (Hubbell)

Annual Appropriation?:	Yes
Date Incurred:	06/12/2018
FY of Last Payment:	2029

2018 Thieleke Trust

Debt/Obligation Type:	Rebates
Principal:	12,500,000
Interest:	0
Total:	12,500,000
Annual Appropriation?:	Yes
Date Incurred:	12/12/2017
FY of Last Payment:	2028

2018 PMR Realty Group (R&R)

Debt/Obligation Type:	Rebates
Principal:	1,800,000
Interest:	0
Total:	1,800,000
Annual Appropriation?:	Yes
Date Incurred:	05/22/2018
FY of Last Payment:	2029

2018 Destination Market (Menards)

Debt/Obligation Type:	Rebates
Principal:	12,500,000
Interest:	0
Total:	12,500,000
Annual Appropriation?:	Yes
Date Incurred:	12/13/2017
FY of Last Payment:	2028

2018A GO Bond issue

Debt/Obligation Type:	Gen. Obligation Bonds/Notes
Principal:	4,552,500
Interest:	1,097,188
Total:	5,649,688
Annual Appropriation?:	No
Date Incurred:	06/27/2018
FY of Last Payment:	2033

2017 GO Bond Issue

Debt/Obligation Type:	Gen. Obligation Bonds/Notes
Principal:	1,237,500
Interest:	56,063
Total:	1,293,563
Annual Appropriation?:	No
Date Incurred:	05/03/2017
FY of Last Payment:	2024

2019A GO Bond Issue

Debt/Obligation Type:	Gen. Obligation Bonds/Notes

Date Incurred:	06/26/2019
FY of Last Payment:	2033

2016 GO Bonds

Debt/Obligation Type:	Gen. Obligation Bonds/Notes
Principal:	1,445,000
Interest:	161,691
Total:	1,606,691
Annual Appropriation?:	No
Date Incurred:	05/25/2016
FY of Last Payment:	2031

2018 Hy-Vee #2

Debt/Obligation Type:	Rebates
Principal:	3,200,000
Interest:	0
Total:	3,200,000
Annual Appropriation?:	Yes
Date Incurred:	08/14/2018
FY of Last Payment:	2039

2018 Iowa Stone

Debt/Obligation Type:	Rebates
Principal:	54,359
Interest:	0
Total:	54,359
Annual Appropriation?:	Yes
Date Incurred:	11/13/2018
FY of Last Payment:	2025

2018 Hope K Farm

Debt/Obligation Type:	Rebates
Principal:	5,000,000
Interest:	0
Total:	5,000,000
Annual Appropriation?:	Yes
Date Incurred:	10/23/2018
FY of Last Payment:	2034

2020A GO Bond Issue

Debt/Obligation Type:	Gen. Obligation Bonds/Notes
Principal:	3,645,000
Interest:	564,150
Total:	4,209,150
Annual Appropriation?:	No
Date Incurred:	06/25/2020
FY of Last Payment:	2035

2020 Golden Rule

Debt/Obligation Type:	Rebates
Principal:	90,000

FY of Last Payment: 2027

2020 Anderson Four LLC

Debt/Obligation Type: Rebates
Principal: 500,000
Interest: 0
Total: 500,000
Annual Appropriation?: Yes
Date Incurred: 04/28/2020
FY of Last Payment: 2027

2017 Hy-Vee Rebate

Debt/Obligation Type: Rebates
Principal: 83,285
Interest: 0
Total: 83,285
Annual Appropriation?: Yes
Date Incurred: 01/10/2017
FY of Last Payment: 2023

Hope K Farms GrimesPlex

Debt/Obligation Type: Rebates
Principal: 25,000,000
Interest: 0
Total: 25,000,000
Annual Appropriation?: Yes
Date Incurred: 09/22/2020
FY of Last Payment: 2036

City Admin Support Program

Debt/Obligation Type: Internal Loans
Principal: 2,150,000
Interest: 0
Total: 2,150,000
Annual Appropriation?: Yes
Date Incurred: 11/10/2020
FY of Last Payment: 2025

2021A GO Bond Issue

Debt/Obligation Type: Gen. Obligation Bonds/Notes
Principal: 4,070,105
Interest: 1,044,870
Total: 5,114,975
Annual Appropriation?: No
Date Incurred: 06/23/2021
FY of Last Payment: 2036

2022A GO Bond Issue

Debt/Obligation Type: Gen. Obligation Bonds/Notes
Principal: 3,487,500
Interest: 1,254,405

Non-Rebates For GRIMES URBAN RENEWAL

TIF Expenditure Amount:	287,538
Tied To Debt:	2015 Bond Issue
Tied To Project:	2015 Bond Issue
TIF Expenditure Amount:	245,710
Tied To Debt:	2019A GO Bond Issue
Tied To Project:	2019A Bond Issue
TIF Expenditure Amount:	179,630
Tied To Debt:	2012 Bond Issue/Reissue 2020B
Tied To Project:	2012 Bond Issue/Reissue 2020B
TIF Expenditure Amount:	429,781
Tied To Debt:	2017 GO Bond Issue
Tied To Project:	2017 Street/Trail/Infrastructure/Amb
TIF Expenditure Amount:	266,516
Tied To Debt:	2018A GO Bond issue
Tied To Project:	2018A Bond Issue
TIF Expenditure Amount:	409,340
Tied To Debt:	City Admin Support Program
Tied To Project:	City Admin Support Program
TIF Expenditure Amount:	222,390
Tied To Debt:	2021A GO Bond Issue
Tied To Project:	2021A GO Bond Issue
TIF Expenditure Amount:	320,400
Tied To Debt:	2020A GO Bond Issue
Tied To Project:	2020A Bond Issue
TIF Expenditure Amount:	136,400
Tied To Debt:	2021A GO Bond Issue
Tied To Project:	2021A GO Bond Issue

Rebates For GRIMES URBAN RENEWAL

TNC

TIF Expenditure Amount:	524
Rebate Paid To:	TNC LLC
Tied To Debt:	2014 TNC
Tied To Project:	2017 C2P2 rebate
Projected Final FY of Rebate:	2025

Total Family EyeCare

TIF Expenditure Amount:	12,929
Rebate Paid To:	Total Family EyeCare
Tied To Debt:	2016 Total Family Eye Care
Tied To Project:	2016 Total Family Eye Care
Projected Final FY of Rebate:	2023

Shade Tree Auto

TIF Expenditure Amount:	16,268
Rebate Paid To:	Shade Tree Auto
Tied To Debt:	2016 Shade Tree Auto
Tied To Project:	2016 Shade Tree Auto Rebate
Projected Final FY of Rebate:	2023

2015 Hubbell Rebate

TIF Expenditure Amount:	94,050
Rebate Paid To:	BTG IOWA
Tied To Debt:	2015 Hubbell
Tied To Project:	2015 Hubbell Rebate
Projected Final FY of Rebate:	2024

2017 Hy-Vee Rebate

TIF Expenditure Amount:	40,955
Rebate Paid To:	Hy-Vee
Tied To Debt:	2017 Hy-Vee Rebate
Tied To Project:	2017 Hy-Vee Rebate
Projected Final FY of Rebate:	2023

2016 Heritage

TIF Expenditure Amount:	1,571,904
Rebate Paid To:	Heritage at Grimes LLC
Tied To Debt:	2016 Heritage
Tied To Project:	2016 Heritage - BB Boulevard
Projected Final FY of Rebate:	2023

2017 Daimler Trucks

TIF Expenditure Amount:	280,858
Rebate Paid To:	Daimler Trucks in America

2015 Praire Business Park

TIF Expenditure Amount:	208,946
Rebate Paid To:	R & R Realty Group
Tied To Debt:	2015 Prairie Business Park
Tied To Project:	2015 Prairie Business Park rebate
Projected Final FY of Rebate:	2024

Iowa Stone

TIF Expenditure Amount:	28,924
Rebate Paid To:	Iowa Stone
Tied To Debt:	2018 Iowa Stone
Tied To Project:	2018 Iowa Stone Rebate
Projected Final FY of Rebate:	2023

Hope K Farm Phase 1

TIF Expenditure Amount:	387,000
Rebate Paid To:	Hope Development & Realty
Tied To Debt:	Hope K Farms GrimesPlex
Tied To Project:	Hope K Farms Phase 1
Projected Final FY of Rebate:	2038

Hubbel Ind #5

TIF Expenditure Amount:	108,917
Rebate Paid To:	Kastner LLC
Tied To Debt:	2018 Grimes Ind Park 5 (Hubbell)
Tied To Project:	2018 Grimes Ind Park #5 Hubbell
Projected Final FY of Rebate:	2026

Prairie Bus Park #2 C2P2

TIF Expenditure Amount:	282,885
Rebate Paid To:	R & R Realty Group
Tied To Debt:	2017 C2P2 LLC Rebates
Tied To Project:	2017 C2P2 rebate
Projected Final FY of Rebate:	2026

♣ Annual Urban Renewal Report, Fiscal Year 2021 - 2022

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY/DC-GRIMES SCH/92 AMD TIF INCR
TIF Taxing District Inc. Number: 770182

TIF Taxing District Base Year: 1991
FY TIF Revenue First Received:
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	No

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	0	112,005,560	11,231,900	0	0	-50,004	140,887,456	0	140,887,456
Taxable	0	63,181,679	10,108,710	0	0	-50,004	85,187,885	0	85,187,885
Homestead Credits									267

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	2,036,745	85,187,885	17,032,473	68,155,412	2,088,542

FY 2022 TIF Revenue Received: 0

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY AG/DC-GRIMES SCH/92 AMD TIF INCR
TIF Taxing District Inc. Number: 770184

TIF Taxing District Base Year: 1991
FY TIF Revenue First Received:
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	No

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	24,310	0	0	0	0	0	24,310	0	24,310
Taxable	20,427	0	0	0	0	0	20,427	0	20,427
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	24,310	0	0	0	0

FY 2022 TIF Revenue Received: 0

♣ Annual Urban Renewal Report, Fiscal Year 2021 - 2022

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY/JOHNSTON SCH/17 ORD 687 AMD TIF INCR
TIF Taxing District Inc. Number: 770186

TIF Taxing District Base Year: 2016
FY TIF Revenue First Received:
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	No

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	0	0	34,418,100	0	0	0	34,418,100	0	34,418,100
Taxable	0	0	30,976,290	0	0	0	30,976,290	0	30,976,290
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	55,068	30,976,290	6,193,402	24,782,888	778,174

FY 2022 TIF Revenue Received: 0

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY AG/JOHNSTON SCH/17 ORD 687 AMD TIF INCR
TIF Taxing District Inc. Number: 770188

TIF Taxing District Base Year: 2016
FY TIF Revenue First Received:
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	No

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	2,890	0	0	0	0	0	2,890	0	2,890
Taxable	2,428	0	0	0	0	0	2,428	0	2,428
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	2,890	0	0	0	0

FY 2022 TIF Revenue Received: 0

♣ Annual Urban Renewal Report, Fiscal Year 2021 - 2022

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY/DC-GRIMES SCH/17 ORD 690 AMD TIF INCR
TIF Taxing District Inc. Number: 770240

TIF Taxing District Base Year: 2016
FY TIF Revenue First Received:
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	No

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	0	735,122,700	35,468,250	20,964,900	0	-435,220	811,538,530	0	811,538,530
Taxable	0	414,678,278	31,921,425	18,868,410	0	-435,220	478,814,980	0	478,814,980
Homestead Credits									2,074

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	542,076,958	269,896,792	53,963,189	215,933,603	6,617,029

FY 2022 TIF Revenue Received: 0

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY AG/DC-GRIMES SCH/17 ORD 690 AMD TIF INCR
TIF Taxing District Inc. Number: 770242

TIF Taxing District Base Year: 2016
FY TIF Revenue First Received:
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	No

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	1,189,440	0	0	0	0	0	1,189,440	0	1,189,440
Taxable	999,493	0	0	0	0	0	999,493	0	999,493
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	1,189,440	0	0	0	0

FY 2022 TIF Revenue Received: 0

♣ Annual Urban Renewal Report, Fiscal Year 2021 - 2022

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY/JOHNSTON SCH/17 ORD 690 AMD TIF INCR
TIF Taxing District Inc. Number: 770244

TIF Taxing District Base Year: 2016
FY TIF Revenue First Received:
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	No

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	0	94,068,130	30,760,500	0	0	-42,596	149,096,034	0	149,096,034
Taxable	0	53,063,295	27,684,450	0	0	-42,596	97,114,399	0	97,114,399
Homestead Credits									233

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	89,112,370	60,026,260	12,001,656	48,024,604	1,507,956

FY 2022 TIF Revenue Received: 0

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY AG/JOHNSTON SCH/17 ORD 690 AMD TIF INCR
TIF Taxing District Inc. Number: 770246

TIF Taxing District Base Year: 2016
FY TIF Revenue First Received:
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	No

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	155,410	0	0	0	0	0	155,410	0	155,410
Taxable	130,593	0	0	0	0	0	130,593	0	130,593
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	155,410	0	0	0	0

FY 2022 TIF Revenue Received: 0

♣ Annual Urban Renewal Report, Fiscal Year 2021 - 2022

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY/DC-GRIMES SCH/87 & 90 TIF INCR
TIF Taxing District Inc. Number: 770263

TIF Taxing District Base Year: 1986
FY TIF Revenue First Received: 1989
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	05/1987

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	0	110,128,360	188,980,490	32,230,820	0	-50,004	344,363,666	0	344,363,666
Taxable	0	62,122,771	170,082,441	29,007,738	0	-50,004	269,987,896	0	269,987,896
Homestead Credits									307

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	2,768,910	269,987,896	53,981,404	216,006,492	6,619,262

FY 2022 TIF Revenue Received: 0

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY/JOHNSTON SCH/87 & 90 TIF INCR
TIF Taxing District Inc. Number: 770265

TIF Taxing District Base Year: 1986
FY TIF Revenue First Received: 1993
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	05/1987

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	0	1,640,200	11,560,300	0	0	-14,816	22,132,204	0	22,132,204
Taxable	0	925,230	10,404,270	0	0	-14,816	17,353,585	0	17,353,585
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	50,990	17,353,585	3,469,677	13,883,908	435,950

FY 2022 TIF Revenue Received: 0

♣ Annual Urban Renewal Report, Fiscal Year 2021 - 2022

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY AG/DC-GRIMES SCH/87 & 90 TIF INCR
TIF Taxing District Inc. Number: 770516

TIF Taxing District Base Year: 1986
FY TIF Revenue First Received: 2001
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	05/1987

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	1,200,710	0	0	0	0	0	1,200,710	0	1,200,710
Taxable	1,008,965	0	0	0	0	0	1,008,965	0	1,008,965
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	1,200,710	0	0	0	0

FY 2022 TIF Revenue Received: 0

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY AG/JOHNSTON SCH/87 & 90 TIF INCR
TIF Taxing District Inc. Number: 770517

TIF Taxing District Base Year: 1986
FY TIF Revenue First Received: 1993
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	05/1987

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	40,350	0	0	0	0	0	40,350	0	40,350
Taxable	33,906	0	0	0	0	0	33,906	0	33,906
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	40,350	0	0	0	0

FY 2022 TIF Revenue Received: 0

♣ Annual Urban Renewal Report, Fiscal Year 2021 - 2022

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY/URB SCH/87 & 90 TIF INCR
TIF Taxing District Inc. Number: 770571

TIF Taxing District Base Year: 1986
FY TIF Revenue First Received: 2003
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	05/1987

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	0	299,000	305,420	0	0	0	604,420	0	604,420
Taxable	0	168,664	274,878	0	0	0	443,542	0	443,542
Homestead Credits									1

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	24,970	443,542	88,682	354,860	10,934

FY 2022 TIF Revenue Received: 0

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY AG/URB SCH/87 & 90 TIF INCR
TIF Taxing District Inc. Number: 770598

TIF Taxing District Base Year: 1986
FY TIF Revenue First Received: 2003
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	05/1987

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	260,230	0	0	0	0	0	260,230	0	260,230
Taxable	218,673	0	0	0	0	0	218,673	0	218,673
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	260,230	0	0	0	0

FY 2022 TIF Revenue Received: 0

♣ Annual Urban Renewal Report, Fiscal Year 2021 - 2022

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY/JOHNSTON SCH/03 AMD TIF INCR
TIF Taxing District Inc. Number: 770646
TIF Taxing District Base Year: 2002
FY TIF Revenue First Received: 2006
Subject to a Statutory end date? Yes
Fiscal year this TIF Taxing District statutorily ends: 2022

	UR Designation
Slum	No
Blighted	No
Economic Development	12/2003

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	0	88,419,290	67,314,620	4,363,700	0	-68,524	160,398,086	0	160,398,086
Taxable	0	49,876,799	60,583,158	3,927,330	0	-68,524	114,567,839	0	114,567,839
Homestead Credits									289

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	25,747,710	114,567,839	22,906,704	91,661,135	2,878,128

FY 2022 TIF Revenue Received: 0

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY AG/JOHNSTON SCH/03 AMD TIF INCR
TIF Taxing District Inc. Number: 770653
TIF Taxing District Base Year: 2002
FY TIF Revenue First Received:
Subject to a Statutory end date? Yes
Fiscal year this TIF Taxing District statutorily ends: 2022

	UR Designation
Slum	No
Blighted	No
Economic Development	12/2003

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	273,820	0	0	0	0	0	273,820	0	273,820
Taxable	230,091	0	0	0	0	0	230,091	0	230,091
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	273,820	0	0	0	0

FY 2022 TIF Revenue Received: 0

♣ Annual Urban Renewal Report, Fiscal Year 2021 - 2022

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY/JOHNSTON SCH/18 ORD 712 NOV ADDITION AMD TIF INCR
TIF Taxing District Inc. Number: 770926

TIF Taxing District Base Year: 2017
FY TIF Revenue First Received:
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	No

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	0	0	1,710,000	0	0	0	1,710,000	0	1,710,000
Taxable	0	0	1,539,000	0	0	0	1,539,000	0	1,539,000
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	4,180	1,539,000	307,708	1,231,292	38,662

FY 2022 TIF Revenue Received: 0

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY/DC-GRIMES SCH/20 ORD 741 SEPT ADD AMD TIF INCR
TIF Taxing District Inc. Number: 770950

TIF Taxing District Base Year: 2019
FY TIF Revenue First Received:
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	No

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	0	0	19,300	0	0	0	19,300	0	19,300
Taxable	0	0	17,370	0	0	0	17,370	0	17,370
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	19,300	0	0	0	0

FY 2022 TIF Revenue Received: 0

♣ Annual Urban Renewal Report, Fiscal Year 2021 - 2022

TIF Taxing District Data Collection

Local Government Name: GRIMES (77G719)
Urban Renewal Area: GRIMES URBAN RENEWAL (77044)
TIF Taxing District Name: GRIMES CITY AG/DC-GRIMES SCH/20 ORD 741 SEPT ADD AMD TIF INCR
TIF Taxing District Inc. Number: 770952

TIF Taxing District Base Year: 2019
FY TIF Revenue First Received:
Subject to a Statutory end date? No

	UR Designation
Slum	No
Blighted	No
Economic Development	No

TIF Taxing District Value by Class - 1/1/2020 for FY 2022

	Agricultural	Residential	Commercial	Industrial	Other	Military	Total	Gas/Electric Utility	Total
Assessed	122,390	0	0	0	0	0	122,390	0	122,390
Taxable	102,845	0	0	0	0	0	102,845	0	102,845
Homestead Credits									0

	Frozen Base Value	Max Increment Value	Increment Used	Increment Not Used	Increment Revenue Not Used
Fiscal Year 2022	122,390	0	0	0	0

FY 2022 TIF Revenue Received: 0

CITY OF GRIMES

CITY COUNCIL COMMUNICATION
Meeting Date:11/08/2022

AGENDA ITEM: Resolution #11-0222 Annual TIF Indebtedness Certification

BACKGROUND: The City is required to provide information to the County Auditors by December 1st of each year for the TIF certification. The attached report outlines the TIF rebates and other TIF debts the city has incurred and is certifying for the following year's taxes. The form also provides the County with the total TIF dollars requested by the City for the following tax season.

BUDGETARY CONSIDERATIONS: The City is certifying $3,383,068 for planned TIF rebate payments in Fiscal year 2023-2024. We are certifying the TIF portion of the 2022A GO debt that was issued in May 2022, and the planned reimbursement for the admin and professional support program of $493,385. The total TIF tax dollars request for next year will be $6,519,924.

STRATEGIC PLANNING:
Prioritized ____YES ____NO

*High-Performing Organization/Exception Professional Services
*Great Place to Live/Expanded Quality of Life Amenities X
*Dynamic Town/Strong Sense of Community _____
*More Beautiful/Vibrant Community _____

BOARD/COMMISSION ACTION(S): Council has approved all TIF rebate agreements. The 2022A GO debt that is being certified to the County was approved on May 24, 2022. Council approved the Internal Advance for the admin and professional support program for inclusion on this report at the October 25,2022 meeting.

STAFF RECOMMENDATION: Staff recommends approval

RESPONSIBLE STAFF/CONTACT INFORMATION: Marcia Woodke
mwoodke@grimesiowa.gov

Prepared by: Marcia Woodke
Return to: Marcia Woodke

CITY OF GRIMES

RESOLUTION #11-0222

Resolution Approving the Annual TIF Indebtedness Certification

WHEREAS, the City is required to file the Annual TIF Indebtedness Certification report to the County Auditor by December 1st of each year, and;

WHEREAS, the City of Grimes has incurred new GO TIF debt to certify, and;

WHEREAS, the City of Grimes has annual TIF rebate agreement appropriations to certify, and;

WHEREAS, the City Council of the City of Grimes has approved the Internal Advance resolution for the admin & professional support program to certify.

NOW THEREFORE, BE IT HEREBY RESOLVED, by the City Council of the City of Grimes, Iowa, that upon review of the attached report, said report is approved and adopted as the city's official TIF Indebtedness Certification to be filed with the Polk County Auditor prior to December 1, 2022.

BE IT FURTHER RESOLVED, by the City Council of Grimes, Iowa, that the Mayor and City Clerk are hereby authorized and directed to execute said resolution.

Passed and approved this 8th day of November,2022.

_____ _____

Scott Mikkelsen, Mayor Date

Attest:

_____ _____

Rochelle Williams, City Clerk Date

FORM 1 - INDEBTEDNESS CERTIFICATION Cover Sheet

CODE OF IOWA SECTION 403.19 TAX INCREMENT FINANCING (TIF) INDEBTEDNESS CERTIFICATION TO COUNTY AUDITOR

Due To County Auditor By December 1 Prior To The Fiscal Year TIF Increment Tax Is Requested
Use One Certification Per Urban Renewal TIF Area

TIF Authority (Name of City or County Operating the TIF): Grimes

County (Where TIF is Located): Polk

Urban Renewal Area Name: Grimes Urban Renewal

Urban Renewal Area Number: 77044 (Use State five-digit Area Number)

I hereby certify to the County Auditor that for the Urban Renewal Area within the City and/or County named above the TIF Authority has outstanding loans, advances, indebtedness, or bonds, none of which have been previously certified, in the collective amount shown below, all of which qualify for repayment from the special fund referred to in paragraph 2 of Section 403.19 of the Code of Iowa.

Urban Renewal Area Indebtedness Not Previously Certified*: $ **8,618,358.00**

*There must be attached a **'FORM 1.1'** showing an itemized listing of the dates that individual loans, advances, indebtedness, or bonds were initially approved by the governing body.

The County Auditor shall provide the available TIF increment tax in subsequent fiscal years without further certification until the above-stated amount of indebtedness is paid to the TIF Authority. However, for any fiscal year a TIF Authority may elect to receive less than the available TIF increment tax by certifying the requested amount to the County Auditor on or before the preceding December 1. File **'FORM 2'** with the County Auditor by the preceding December 1 for any fiscal year where all of the TIF increment tax is not requested.

A TIF Authority reducing certified TIF indebtedness by any reason other than application of TIF increment tax received from the County Treasurer shall certify such reduced amounts to the County Auditor no later than December 1 of the year of occurrence. File **'FORM 3'** with the County Auditor when TIF indebtedness has been reduced by any reason other than application of TIF increment tax received from the County Treasurer.

Dated this 8th day of November, 2022

Marcia Woodke
Signature of Authorized Official

515-986-3036
Telephone

TIF INDEBTEDNESS NOT PREVIOUSLY CERTIFIED ELIGIBLE FOR TAX COLLECTIONS NEXT FISCAL YEAR

TIF Authority: Grimes County: Polk

Urban Renewal Area Name: Grimes Urban Renewal

Urban Renewal Area Number: 77044

	Individual TIF Indebtedness Type/Description:	Date Approved* (Format: XX/XX/20XX):	Total Amount:
1	Hope K Farms LLC Supplemental payment #3 FY24	10/27/2020	387,000.00
2	Daimler Trucks rebate agreement-subject to appropriation FY24 payment	6/13/2017	510,371.00
3	Prairie Bus. Park (R&R) rebate agreement #1-annual appropriation FY24	5/26/2015	80,806.00
4	Golden Rule rebate agreement- annual appropriation FY24 payment	2/25/2020	38,457.00
5	Hy-Vee #1 rebate agreement-annual appropriations FY24 payment	1/10/2017	13,720.00
6	Urban Renewal Admin & Professional Support Program- annual reimburse	11/10/2020	493,385.00
7	TNC LLC rebate agreement-subject to annual appropriation FY24	12/1/2016	574.00
8	Prairie Bus. Park (C2P2) rebate agreement #2-annual appropriation FY24	5/23/2017	203,007.00
9	Prairie Bus. Park (PMR) rebate agreement #3-annual appropriation FY24	5/22/2018	288,836.00
10	Hubbell #5 Kastner LLC rebate agreement-annual appropriation FY24	6/12/2018	84,118.00
11	Hy-Vee #2 Phase 1-rebate agreement -subject annual appropriation FY24	8/28/2018	522,527.00
12	Hy-Vee #2 Phase 2- rebate agreement-subject annual appropriation FY24	8/28/208	77,389.00
13	Hubbell 2015 #4 BTG Iowa rebate agreement-subject to appropriation FY24	10/22/2019	110,641.00
14	2022A GO Bonds- TIF portion	5/24/2022	4,741,905.00
15	Thielke Trust-rebate agreement-subject to annual appropriation FY24	12/12/2017	227,657.00
16	Destination Market-rebate agreement-subject to annual appropriation FY24	12/12/2017	591,778.00
17	Hope Dev & Realty-rebate agreement-subject to annual appropriation FY24	5/12/2020	94,756.00
18	Hope K Farms-rebate agreement-subject to annual appropriation FY24	10/27/2020	23,919.00
19	Anderson Four LLC - rebate agreement-subject to annual appropriation FY24	4/28/2020	127,512.00
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	Total TIF Indebtedness NOT Previously Certified:		**8,618,358.00**

* "Date Approved" is the date that the local governing body initially approved the TIF indebtedness.

FORM 2

SPECIFIC URBAN RENEWAL TIF AREA TOTAL TAX DOLLAR REQUEST FOR NEXT FISCAL YEAR
CERTIFICATION TO COUNTY AUDITOR
Due To County Auditor By December 1 Prior To The Fiscal Year
Where Less Than The Legally Available TIF Increment Tax Is Requested
Use One Certification Per Urban Renewal Area

TIF Authority: Grimes County: Polk

Urban Renewal Area Name: Grimes Urban Renewal

Urban Renewal Area Number: 77044

I hereby certify to the County Auditor that for the next fiscal year and for the Urban Renewal Area within the City and/or County named above, the TIF Authority requests less than the maximum legally available TIF increment tax as totaled below.

Typically There Would Only Be A Single Entry In 'Tax Amount Requested'	Tax Amount Requested:
	6,519,924
Total TIF Increment Tax Request For This Urban Renewal Area:	**6,519,924**

Dated this 8th day of November, 2022

Marcia Wodke
Signature of Authorized Official

515-986-3036
Telephone

FORM 3

TIF INDEBTEDNESS HAS BEEN REDUCED BY REASON OTHER THAN APPLICATION OF TIF INCREMENT TAX RECEIVED FROM THE COUNTY TREASURER
CERTIFICATION TO COUNTY AUDITOR
Use One Certification Per Urban Renewal Area

TIF Authority: Grimes County: Polk

Urban Renewal Area Name: Grimes Urban Renewal

Urban Renewal Area Number: 77044

I hereby certify to the County Auditor that for the Urban Renewal Area within the City and/or County named above, the TIF Authority has reduced previously certified indebtedness, by reason other than application of TIF tax received from the County Treasurer, by the total amount as shown below.

	Individual TIF Indebtedness Type/Description/Details:	(Format: XX/XX/20XX) Date Indebtedness Reduced:	Amount Reduced:
1	Urban Renewal Admin & Prof Support Program-lower expense for prior year	12/1/2022	3,540.00
2			
3			
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25			
	Total Indebtedness Reduction For This Urban Renewal Area:		**3,540.00**

Dated this 8th day of November, 2022

Marcia Woodke
Signature of Authorized Official

515-986-3036
Telephone

CITY OF
GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

CITY COUNCIL COMMUNICATION

AGENDA ITEM: Resolution 11-0322

BACKGROUND: Amending Form for Request for Examination and Copying of Public Records and Policy and Procedure for Examination and Copying of Public Records to Meet Open Records Request Under Iowa Code Chapter 22

During the 2022 legislative session the Iowa Legislature amended Iowa Code Chapter 22 regarding Iowa's Open Records Law, to clarify the expense that public entities can charge in connection with responses to open records requests. There are three primary changes to the Codes Section 22.3

1. Documents that can be produced in less than 30 minutes the new law requires the custodian of public records make every reasonable effort to provide the public record requested at no cost other than copying costs
2. Limits all fees charged to reasonable expenses and allows the person requesting the documents to challenge the reasonableness of requested expenses.
3. Fees for legal services in connection with the production of records should be limited to the redaction or review of legally protected confidential information

Fees for copying and hourly rates for staff are set up in the current fee schedule. Attached is the new form for Request of Examination and Copying and Public Records and Policy and Procedure for Examination for Copying of Records to meet changes to the Iowa Code Chapter 22.

BUDGETARY CONSIDERATIONS: No

STRATEGIC PLANNING:
Prioritized ____YES X NO

*High-Performing Organization/Exception Professional Services____**X**___

*Great Place to Live/Expanded Quality of Life Amenities _____

*Dynamic Town/Strong Sense of Community _____

*More Beautiful/Vibrant Community _____

CITY OF
GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

BOARD/COMMISSION ACTION(S):

STAFF RECOMMENDATION:
Staff recommends approval of Resolution 11-0322

RESPONSIBLE STAFF/CONTACT INFORMATION

Rochelle Williams rwilliams@grimesiowa.gov

Prepared by; Rochelle Williams ("Request for Examination and Copying of Public Records" form prepared by Tom Henderson)

Copies of signed/recorded documents return to: Rochelle Williams

AMENDING FORM FOR REQUEST FOR EXAMINATION AND COPYING OF PUBLIC RECORDS AND POLICY AND PROCEDURE FOR EXAMINATION AND COPYING OF PUBLIC RECORDS TO MEET OPEN RECORDS REQUEST UNDER IOWA CODE CHAPTER 22

RESOLUTION 11-0322

WHEREAS the Iowa Code Section 22.3 governs requests for examination and copying of public records;

WHEREAS, during the 2022 legislative session, the Iowa Legislature amended Iowa Code Chapter 22, Iowa's Open Records Law, to clarify the expense that public entities can charge in connection with responses to open records request under the Iowa Code Chapter 22;

WHEREAS the amendment was passed and went into effect on July 1, 2022;

WHEREAS the amendment stated that documents that can be produced in less than 30 minutes requires that the custodian of public records make every reasonable effort to provide the public record requested at no cost other than copying costs;

WHEREAS, the new law limits all fees charged to "reasonable" expenses, provided the amount of the expenses are communicated to the person requesting the documents. The person requesting documents is required to pay all reasonable expenses; however, they may challenge the reasonableness of requested expenses;

WHEREAS the new law provides that fees for legal services in connection with the production of records should be limited to redaction or review of legally protected confidential information.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Grimes, Iowa, recommend approval of the attached (Exhibit A) amended "Request Form for Examination and Copying of Public Records" and (Exhibit B) "Policy and Procedure for Examination and Copying of Public Records" to meet changes to Iowa Code Chapter 22.

PASSED AND APPROVED this 8th day of November 2022.

By: _____
Scott Mikkelsen, Mayor

ATTEST:

By:_____

CITY OF
GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

Policy & Procedure for Examination or Copying of Records

General Policy:
It is the policy of the City of Grimes Iowa to meet all reasonable request for information and documents within the constraints of Iowa Code Chapter 22. This policy should be read in harmony with those provisions of Iowa Code Chapter 22 in effect at the time of the request.

The City of Grimes recognizes the right of the public to access public records maintained by the City in accordance with state law. When the City responds to request to inspect or copy records, cost are incurred by the City. The policy is adopted to balance these competing interest, to establish an orderly and consistent procedure for responding to public records request.

Custodian of Records:
Requests for public records should be directed to the city clerk's office.

Written Request:
All parties requesting City records are asked to complete and submit a written Request for Examination and Copying of Public Records form, to allow the City to promptly and accurately respond. The City reserves the right to seek clarification of any public records requests before responding to the request. The City reserves the right to deny any public records request if the request is sufficiently vague or unclear that the City cannot reasonably determine what records have been requested.

Inspection:
Parties requesting the inspection of public records may do so during regular business hours Monday through Friday, excluding legal holidays. The inspection will be at a predetermined time and date with the city clerk. In-person inspection may be conducted in an on-premise room as arranged by the custodian. No original public records or documents can be removed from the premises at which they are stored.

Timing of Response:
The custodian of the requested records will attempt to fill records requests in a timely manner within fourteen (14) working days, unless the records are subject to consideration for exemption from disclosure as confidential under Chapter 22. Reasonable delay for the purpose of determining whether a confidential record should be available for inspection and copying to the person requesting the right to do so shall not exceed twenty (20) calendar days. Any request for public records which could be exempt from disclosure under the conditional exemptions in Iowa Code Section 22.7 shall be referred to the City Attorney for review and response.

Electronic Media Request:
All open record request that are responded to by electronic media shall be provided in a format that prevents the documents from being altered.

CITY OF
GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

Estimated Costs and Prepayment:

The person requesting the information shall be provided a bill, which shall be paid before the photocopies will be released. For documents that can be produced in less than 30 minutes every reasonable effort will be made to provide the public record requested at no cost other than copying costs. If the cost of employee time involved exceed thirty minutes an hourly rate for reasonable cost for staff or legal time will be charged. If the cost of responding to a request is estimated to exceed $10.00, the person requesting the records will be provided with a reasonable hourly rate for estimate of costs, which the person will need to agree to pay prior to the copies being made. The requesting party has the right to contest the quoted fees for production of the requested documents. If the cost of responding to a request exceeds $50, the person requesting the records will need to pay the estimated costs prior to the copies being made. If the actual costs incurred by the City to respond to a records request are less than the amount of any required prepayment, the overpayment will be refunded promptly to the person or entity making the prepayment. If the actual costs incurred by the City to respond to the request are more than the amount of prepayment, the City shall charge the requestor for all additional costs. Fees for legal services in connection with the production of records shall be limited to the redaction or review of legally protected confidential information.

Fee Schedule is attached:

RESOLUTION NO. 11-0422

RESOLUTION APPROVING STATE OF IOWA ALCOHOL LICENSES

WHEREAS, the Grimes City Code 5-1-4 states the City Council shall either approve or disapprove the issuance of liquor licenses or retail wine and beer permits;

WHEREAS, after consideration by the City Council the City Clerk shall forward such decision on to the Iowa Alcoholic Beverage Division for further action;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRIMES, IOWA:

The attached (Exhibit A) Alcohol Licenses shall be approved.

PASSED AND APPROVED this 11th day of November, 2022.

By: _____
Scott Mikkelsen, Mayor

ATTEST:

By:_____
Rochelle Williams, City Clerk

Council Meeting November 11th, 2022

ABD LICENSE RENEWAL

1. **Destination Grille 2491 E. 1st Street #100**: Class C Liquor, Outdoor Service, Sunday Sales

2. **Uptown Bar & Grill 201 SE Main**: Class C Liquor, Sunday Sales

3. **Stevie C's 204 SE Main**: Class C Liquor, Outdoor Service, Sunday Sales

CITY OF GRIMES

ALCOHLIC BEVERAGE LICENSE STAFF APPROVAL FORM

Establishment Name: Uptown Bar & Grill

Establishment Address: 201 SE Main

License Class: ☒ Liquor Class C

Privileges: Outdoor Service Sunday Sales X Catering ☐ (All that apply)

New ☐ Renewal X

Fire Department Approval

Fire Inspection Date: 10/31/2022

Approval: Yes ☒ No ☐

Reason for not approving: _____

Fire Marshal Signature: S. T. V. Hall.

Building Department Approval – Not Applicable

Approval: Yes ☒ No ☐

Reason for not approving: _____

Building Official Signature: Scott Clyce

Planning Approval- Not Applicable

Approval: Yes ☒ No ☐

Reason for not approving: _____

Planning Signature: Shannon Martin

CITY OF GRIMES

ALCOHLIC BEVERAGE LICENSE STAFF APPROVAL FORM

Establishment Name: Destination Grille

Establishment Address: 2491 E. 1st Street #100

License Class: X Liquor Class C

Privileges: Outdoor Service X Sunday Sales X Catering ☐ (All that apply)

New ☐ Renewal X

Fire Department Approval

Fire Inspection Date: 10/31/2022

Approval: Yes ☒ No ☐

Reason for not approving: _____

Fire Marshal Signature: C. TV-Hdz

Building Department Approval

Approval: Yes ☒ No ☐

Reason for not approving: _____

Building Official Signature: Scott Clyce

Planning Approval

Approval: Yes ☒ No ☐

Reason for not approving: _____

Planning Signature: Erin Smith

CITY OF GRIMES

ALCOHLIC BEVERAGE LICENSE STAFF APPROVAL FORM

Establishment Name: Stevie C's

Establishment Address: 204 SE Main

License Class: ☒ Liquor Class C

Privileges: Outdoor Service X Sunday Sales X Catering ☐ (All that apply)

New ☐ Renewal ☐

Fire Department Approval

Fire Inspection Date: 10/31/2022

Approval: Yes ☒ No ☐

Reason for not approving: _____

Fire Marshal Signature: [signature]

Building Department Approval

Approval: Yes ☒ No ☐

Reason for not approving: _____

Building Official Signature: Scott Clyce

Planning Approval

Approval: Yes ☒ No ☐

Reason for not approving: _____

Planning Signature: [signature]

RESOLUTION 11-0522 APPROVING PERSONNEL TRANSACTIONS

WHEREAS, the City of Grimes, Polk County, Iowa, is a duly organized Municipal Corporation; and

WHEREAS, Staff Engineer Aaron Jarosh has completed his six-month probationary period and is entitled to an adjustment in compensation to $41.1522/hour, otherwise in keeping with the compensation adjustment applicable to employees for Fiscal Year 2023 (July 1, 2022 – June 30, 2023).

PASSED AND APPROVED this 8th day of November, 2022.

_____
Mayor Scott Mikkelsen

ATTEST:

_____
Rochelle Williams, City Clerk

CITY OF GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

AGENDA MEMO

Item No. 11-0622
For Meeting of November 8th, 2022

AGENDA HEADING: Pictometry Agreement with City of Grimes, IA

SYNOPSIS: The City of Grimes has identified the need for aerial imagery flights for the city. Recently, we contacted multiple aerial imagery options and decided to continue working with Pictometry. They offer a certified, 4-band 3-inch imagery for the city at a great price by piggybacking off their Dallas County agreement. This imagery will enable us to continue monitoring the growth of our city, vegetation and soil heath, stormwater management, digitizing existing city infrastructure, providing imagery to our consultants, pavement monitoring, additional oblique imagery, and a seamless citywide aerial. These flights will occur in late November or early December each year.

Pictometry has been working with the City of Grimes with an aerial flight last fall and many years with both Dallas and Polk County. This has widely used by staff to monitor and document construction within the city including evidence for resident complaints. This data is housed within our GIS system for use by staff and consultants.

FISCAL IMPACT: The total costs are $18,360 with $6,120 due each year we have the flight (2022, 2023, and 2024).

This is an expense that was planned for in the current Public Works budget.

PREVIOUS COUNCIL ACTION(S): None

BOARD/COMMISSION ACTION(S):

STAFF/COMMITTEE RECOMMENDATION: The staff has reviewed this agreement and recommends approval by the City Council.

RESOLUTION TO ENTER INTO AGREEMENT

Grimes Resolution No.11-0622

WHEREAS, the City of Grimes (Grimes) desires to have aerial imagery and obliques flights for the entire city; and,

WHEREAS, the aerial imagery provider, Pictometry International Corp (Pictometry) has substantial experience in aerial imagery capture and is currently under contract with Dallas County, IA; and,

WHEREAS, Pictometry has offered Grimes a discounted rate to fly each fall with the Dallas County flights for a three-year term; and,

WHEREAS, this imagery will enable staff to monitor the growth of our city, vegetation and soil health, stormwater management, digitize existing infrastructure, provide imagery to our consultants, pavement monitoring, and oblique imagery;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Grimes, Iowa, that the Mayor is authorized to execute the agreement with Pictometry on behalf of the City of Grimes.

Passed by the City Council of the City of Grimes, Iowa, by of vote of ___to___ on the 8th day of November 2022, and approved by the Mayor on the 8th day of November, 2022.

_____

Scott Mikkelsen, Mayor

Attested:

_____

Rochelle Williams, City Clerk

AGREEMENT BETWEEN
PICTOMETRY INTERNATIONAL CORP.
AND CITY OF GRIMES, IA

This order form ("Order Form") is by and between Pictometry International Corp. and its affiliates, also dba EagleView, ("EagleView") and City of Grimes, IA ("Customer") for the purchase of the Content and Services set forth in Section A: Product Description, Prices and Payment Terms below. The provision of all such Content and Services is subject to this Order Form and the contract components listed below:

Section A: Product Descriptions, Prices and Payment Terms
Section B: License Terms:
- General Terms
- Product Specific Terms
  - Delivered Content
  - Online Services
  - Web Visualization
  - Software License

Section C: Non-Standard Terms and Conditions
Appendix 1: Photogrammetric Product Specifications
Map(s)

(all of which, collectively, constitute this "Agreement"). In consideration of, and subject to, payment by Customer of the Fees specified in Section A of the Agreement, and subject to the terms and conditions set forth in the Agreement, Pictometry agrees to provide Customer with access to and use of the Content and Services specified in Section A of the Agreement in accordance with the terms and conditions of the Agreement. Any purchase order or similar document issued by Customer in connection with this Agreement is issued solely for Customer's internal administrative purposes and the terms and conditions set forth on any such purchase order shall be of no force or effect as between the parties.

In the event of any conflict among any contract components comprising the Agreement, the order of precedence for resolving such conflict shall be, from highest (i.e., supersedes all others) to lowest (i.e., subordinate to all others): Section C: Non-Standard Terms and Conditions; Appendix 1: Photogrammetric Product Specifications; Section A: Product Descriptions, Prices and Payment Terms; Section B.II: License Terms (Product Specific Terms); and Section B.I: License Terms (General Terms).

The Agreement is hereby accepted and agreed to by the undersigned parties and shall become effective upon the last date of execution by each Customer and Pictometry (the "Effective Date").

PARTIES:

CUSTOMER	**PICTOMETRY**
CITY OF GRIMES, IA	PICTOMETRY INTERNATIONAL CORP.
	a Delaware corporation
SIGNATURE:	**SIGNATURE:**
NAME:	**NAME:**
TITLE:	**TITLE:**
EXECUTION DATE:	**EXECUTION DATE:**

SECTION A

PRODUCT DESCRIPTIONS, PRICES AND PAYMENT TERMS

Pictometry International Corp.
25 Methodist Hill Drive
Rochester, NY 14623

ORDER #
LC-10000042

BILL TO
City of Grimes, IA
Greg Jameson
410 SE Main St, Suite 102 Grimes, Iowa 50111
(515) 514-1045
gjameson@grimesiowa.gov

SHIP TO
City of Grimes, IA
Greg Jameson
410 SE Main St, Suite 102 Grimes, Iowa50111
(515) 514-1045
gjameson@grimesiowa.gov

CUSTOMER ID	SALES REP	FREQUENCY OF PROJECT
	Ryan Poots	Annual

PROJECT 1

QTY	PRODUCT NAME	PRODUCT DESCRIPTION	LIST PRICE	DISCOUNT PRICE %	AMOUNT[1]
20	Reveal Four Band Color Infrared Property	Four Band Color Infrared provides an automatically generated 3-Band color infrared orthomosaic with respective tiles. Imagery may contain seamlines. *Product Parameters*: Elevation Data Source: Public Avail - NED/USGS/GeoBase Leaf: Leaf Off: Less than 30% leaf cover Special Instructions:	$ 50.00		$ 1,000.00
20	Reveal TrueTouch Property	TrueTouch is the application of visual improvements to customers√¢¬Ä¬ô orthomosaic imagery *Product Parameters*: Elevation Data Source: Public Avail - NED/USGS/GeoBase Leaf: Leaf Off: Less than 30% leaf cover Special Instructions:	$ 50.00		$ 1,000.00
20	Reveal Essentials+ Property	Provides high resolution ortho and oblique imagery at a Property level. Deliverables include measurable oblique and ortho imagery at a property resolutions. Color balanced orthomosaic imagery is generated by a fully automated photogrammetric process and delivered digitally in various formats with the associated metadata.√¢¬Ä¬ã *Product Parameters*: Elevation Data Source: Public Avail - NED/USGS/GeoBase Leaf: Leaf Off: Less than 30% leaf cover Special Instructions:	$ 400.00	61%	$ 3,120.00
20	Reveal Certified Ortho Property	Certified Ortho upgrades an Essentials orthomosaic to an authoritative orthomosaic produced in accordance with state and local requirements *Product Parameters*: Elevation Data Source: Public Avail - NED/USGS/GeoBase Leaf: Leaf Off: Less than 30% leaf cover	$ 50.00		$ 1,000.00

		Special Instructions:			
				SUBTOTAL	$6,120.00

PROJECT 2					
QTY	**PRODUCT NAME**	**PRODUCT DESCRIPTION**	**LIST PRICE**	**DISCOUNT PRICE %**	**AMOUNT[1]**
20	Reveal TrueTouch Property	TrueTouch is the application of visual improvements to customers√¢¬Ä¬ô orthomosaic imagery *Product Parameters*: Elevation Data Source: Public Avail - NED/USGS/GeoBase Leaf: Leaf Off: Less than 30% leaf cover Special Instructions:	$ 50.00		$ 1,000.00
20	Reveal Essentials+ Property	Provides high resolution ortho and oblique imagery at a Property level. Deliverables include measurable oblique and ortho imagery at a property resolutions. Color balanced orthomosaic imagery is generated by a fully automated photogrammetric process and delivered digitally in various formats with the associated metadata.√¢¬Ä¬ã *Product Parameters*: Elevation Data Source: Public Avail - NED/USGS/GeoBase Leaf: Leaf Off: Less than 30% leaf cover Special Instructions:	$ 400.00	61%	$ 3,120.00
20	Reveal Four Band Color Infrared Property	Four Band Color Infrared provides an automatically generated 3-Band color infrared orthomosaic with respective tiles. Imagery may contain seamlines. *Product Parameters*: Elevation Data Source: Public Avail - NED/USGS/GeoBase Leaf: Leaf Off: Less than 30% leaf cover Special Instructions:	$ 50.00		$ 1,000.00
20	Reveal Certified Ortho Property	Certified Ortho upgrades an Essentials orthomosaic to an authoritative orthomosaic produced in accordance with state and local requirements *Product Parameters*: Elevation Data Source: Public Avail - NED/USGS/GeoBase Leaf: Leaf Off: Less than 30% leaf cover Special Instructions:	$ 50.00		$ 1,000.00
				SUBTOTAL	$6,120.00

PROJECT 3					
QTY	**PRODUCT NAME**	**PRODUCT DESCRIPTION**	**LIST PRICE**	**DISCOUNT PRICE %**	**AMOUNT[1]**
20	Reveal Four Band Color Infrared Property	Four Band Color Infrared provides an automatically generated 3-Band color infrared orthomosaic with respective tiles. Imagery may contain seamlines. *Product Parameters*: Elevation Data Source: Public Avail - NED/USGS/GeoBase Leaf: Leaf Off: Less than 30% leaf cover Special Instructions:	$ 50.00		$ 1,000.00

20	Reveal TrueTouch Property	TrueTouch is the application of visual improvements to customers√¢¬Ä¬ô orthomosaic imagery *Product Parameters*: Elevation Data Source: Public Avail - NED/USGS/GeoBase Leaf: Leaf Off: Less than 30% leaf cover Special Instructions:	$ 50.00		$ 1,000.00
20	Reveal Essentials+ Property	Provides high resolution ortho and oblique imagery at a Property level. Deliverables include measurable oblique and ortho imagery at a property resolutions. Color balanced orthomosaic imagery is generated by a fully automated photogrammetric process and delivered digitally in various formats with the associated metadata.√¢¬Ä¬ã *Product Parameters*: Elevation Data Source: Public Avail - NED/USGS/GeoBase Leaf: Leaf Off: Less than 30% leaf cover Special Instructions:	$ 400.00	61%	$ 3,120.00
20	Reveal Certified Ortho Property	Certified Ortho upgrades an Essentials orthomosaic to an authoritative orthomosaic produced in accordance with state and local requirements *Product Parameters*: Elevation Data Source: Public Avail - NED/USGS/GeoBase Leaf: Leaf Off: Less than 30% leaf cover Special Instructions:	$ 50.00		$ 1,000.00
				SUBTOTAL	$6,120.00

Thank you for choosing Pictometry as your service provider.	**TOTAL**	$ 18,360.00

[1]Amount per product = ((1-Discount %) * Qty * List Price)

Geofences:

IA Polk (Primary)
IA Dallas

Geofences Products Affected:

FEES; PAYMENT TERMS

Customer hereby agrees to pay the Fees specified in this Section A of the Agreement in accordance with the following payment terms. All amounts due to Pictometry pursuant to the Agreement (the "Fees") are expressed in United States dollars and do not include any duties, taxes (including, without limitation, any sales, use, ad valorem or withholding, value added or other taxes) or handling fees, all of which are in addition to the amounts shown above and, to the extent applicable to purchases by Customer, shall be paid by Customer to Pictometry without reducing any amount owed to Pictometry unless documents satisfactory to Pictometry evidencing exemption from such taxes is provided to Pictometry prior to billing. To the extent any amounts properly invoiced pursuant to this Agreement are not paid within thirty (30) days following the invoice due date, such unpaid amounts shall accrue, and Customer shall pay, interest at the rate of 1.5% per month (or at the maximum rate allowed by law, if less). In addition, Customer shall pay Pictometry all costs Pictometry incurs in collecting past due amounts due under this Agreement including, but not limited to, attorneys' fees and court costs.

Project 1
Due at Shipment of Imagery $6,120.00

Project 2
Due at Shipment of Imagery $6,120.00

Project 3
Due at Shipment of Imagery $6,120.00

SECTION B **LICENSE TERMS**

I. GENERAL TERMS

These General Terms (the "General Terms") set forth the terms and conditions that govern Customer's access to and use of all Content and Services (each as hereinafter defined) provided by EagleView (unless otherwise expressly provided to the contrary herein). As used in these General Terms, the terms "you" and "your" in uppercase or lowercase shall mean the Customer that entered into the Agreement into which these General Terms are incorporated.

1. DEFINITIONS

   a. "Authorized Subdivision" means, if you are a county or a non-state consortium of counties, any political unit or subdivision located totally or substantially within your boundaries that you authorize to have access to any Content pursuant to the Agreement.

   b. "Authorized System" means a workstation or server that meets each of the following criteria (i) it is owned or leased by you or an Authorized Subdivision, (ii) it is located within and only accessible from facilities that are owned or leased by you or an Authorized Subdivision, and (iii) it is under the control of and may only be used by you or Authorized Subdivisions.

   c. "Authorized Users" means Delivered Content Authorized Users and Eligible Users.

   d. "Content" means, collectively, the Delivered Content, the Licensed Content and the WVO Licensed Content.

   e. "Covered Party" means (a) EagleView, and its affiliates, and any officer, director, employee, subcontractor, agent, successor, or assign of EagleView or any of its affiliates; and (b) each third party supplier of any Content or Services, third party alliance entity, their affiliates, and any officer, director, employee, subcontractor, agent, successor, or assign of any third party supplier of any Content or Services, or of any third party alliance entity and their affiliates.

   f. "Delivered Content" means the images, metadata, data layers, models, reports and other geographic or structural visualizations or embodiments included in, provided with, or derived from the information delivered to you by or on behalf of EagleView pursuant to the Agreement (whether via hardware or online (but excluding via the Online Services)), in connection with the EagleView products specified in Section A: Product Description, Prices and Payment Terms.

   g. "Delivered Content Authorized User" means any employee of you or Authorized Subdivisions that is authorized by you to have access to the Delivered Content through an Authorized System.

   h. "Documentation" means any written materials that accompany the EagleView Software.

   i. "Eligible Users" means you, your employees, and temporary or contract employees dedicated to performing work exclusively for you.

   j. "Licensed Content" means images available via the Online Services, and all associated metadata and data layers included in, provided with, or derived from those images.

   k. "Online Services" means the Pictometry Connect online services made available to you by or on behalf of EagleView pursuant to the Agreement, as specified in Section A: Product Description, Prices and Payment Terms.

   l. "EagleView Credential" means the unique login/password assigned to each Eligible User for purposes of accessing any of the Services.

   m. "EagleView Software" means the software that EagleView makes available to you to install (whether via download or otherwise) and view the Delivered Content.

   n. "Project" means a project as specified in Section A: Product Description, Prices and Payment Terms.

   o. "Project Participant" means any employee or contractor of persons or entities performing services for compensation for you or an Authorized Subdivision that has been identified by written notice to EagleView prior to being granted access to Delivered Content and, unless EagleView expressly waives such requirement for any individual, has entered into a written agreement with EagleView authorizing such access.

   p. "Services" means, collectively, any services set forth in Section A: Product Description, Prices and Payment Terms, the Online Services, the WVO Services and the EagleView Software (and accompanying Documentation) and any other services provided by EagleView and agreed upon between the parties from time to time.

   q. "WVO Licensed Content" means the images available in the WVO Services, and all associated metadata and data layers included in, provided with, or derived from those images.

   r. "WVO Services" means the EagleView web visualization offerings made available to you by or on behalf of EagleView pursuant to the Agreement, as specified in Section A: Product Description, Prices and Payment Terms.

2. RIGHTS; RESTRICTIONS ON USE; OWNERSHIP

   a. Usage Rights. Your rights with respect to your (and to the extent applicable your Authorized Users') access to and use of the applicable Content and Services is set forth in Section B.II: License Terms (Product Specific Terms).

   b. Restrictions. You agree to the following restrictions in connection with your access to and use of the Content and Services:

      i. You may not copy, distribute or make derivative works based upon the Content or Services in any medium, except to the extent expressly permitted in the Agreement. Without limiting the foregoing, except to the extent expressly permitted in the Agreement, you may not copy or retain copies of the Content, or any portions thereof, on any computer or storage device or media including for the purpose of creating or maintaining one or more databases of that Content for use in substitution for subsequent access to the Content, nor will you authorize or permit any user of the Services to do so.

      ii. You may not distribute or otherwise make available any Content to Google or its affiliates, either directly or indirectly.

      iii. Except to the extent expressly permitted in the Agreement, you may not exploit the goodwill of EagleView, including its trademarks, service marks, or logos, without the express written consent of EagleView.

      iv. You may not remove, omit, alter or obscure copyright or other notices or legends (including confidentiality markings) contained on or included in the Content or Services and you will reproduce all such information on all copies made hereunder. You will keep the Content and EagleView Software free of all claims, liens and encumbrances.

      v. You may not offer any part of the Content or Services for commercial resale or commercial redistribution in any medium.

      vi. You may not, and will not enable others to decompile, reverse engineer, disassemble, attempt to derive the source code of, decrypt, modify, create derivative works of, or tamper with or disable any security or monitoring features within the Services. Any attempt to do so is a violation of the rights of EagleView and its licensors.

      vii. To the extent any of the Content or Services are provided to you online, you may not access such Content or Services (or both) via mechanical, programmatic, robotic, scripted or any other automated means. Unless otherwise agreed by EagleView in writing, use of such Content and Services is permitted only via manually conducted, discrete, human-initiated individual search and retrieval activities.

      viii. Except to the extent expressly permitted in the Agreement, you may not make the Content or Services available to any other party.

      ix. To the extent EagleView Credentials are assigned to you or any of your Eligible Users in connection with the Agreement, such EagleView Credentials shall only be used by the person or entity to whom they were originally assigned and may not be shared with, or used by, any other person, including other Eligible Users. You will use reasonable commercial efforts to prevent unauthorized use of the EagleView Credentials assigned to you or any of your Eligible Users and will promptly deactivate any EagleView Credentials you suspect are lost, stolen, compromised, or misused.

   c. Reservation. All right, title, and interest (including all patents, copyrights, trademarks, trade secrets, and other intellectual property rights) in the Content and the Services, and any written materials that accompany the Services, in any media or form, are and will remain in EagleView or its third party suppliers (as applicable). Neither you nor any users of the Content or the Services acquire any proprietary interest in the Content, the Services, or any copies thereof, except the limited use rights expressly granted under the Agreement. EagleView reserves all rights not expressly granted to you in the Agreement. You will not assert any right, title or interest in any of the Content or Services provided to you under the Agreement, except for the express license granted to you under the Agreement.

   d. Updates. Except to the extent expressly provided to the contrary in the Agreement, the Content, the Services, and the features and functionality within the Services may be enhanced, added to, withdrawn, or otherwise changed by EagleView without notice.

3. CONFIDENTIALITY. The Content, EagleView Software and Documentation consist of commercially valuable, proprietary products owned by EagleView, the design and development of which reflect an investment of considerable time, effort, and money. The parties agree that the Content, EagleView Software, Documentation, and the terms and conditions of the Agreement ("Confidential Information") are (and are treated by EagleView as) confidential and contain valuable trade secrets and confidential commercial information (including financial information) of EagleView. You agree that you will not disclose, provide a copy of, or disseminate the Confidential Information (other than as expressly permitted in Section B.II: License Terms (Product Specific Terms) of the Agreement) or any part thereof to any person in any manner or for any purpose inconsistent with the licenses granted to you pursuant to the Agreement. You agree to use your best efforts to assure that your personnel, and any others afforded access to the Confidential Information, protect the Confidential Information against unauthorized use, disclosure, copying, and dissemination, and that access to the Confidential Information and each part thereof will be strictly limited. You agree that you will use the Confidential Information solely as expressly permitted in Section B.II: License Terms (Product Specific Terms) of the

Agreement and for no other purpose. To the extent you are required to disclose the Confidential Information (or any part thereof) pursuant to applicable law, you will (i) notify EagleView reasonably in advance of such requirement prior to disclosure, (ii) use all reasonable efforts to limit such disclosure, including asserting and applying, as appropriate, the exemption in 5 USC 552(b)(4) (or any analogous state or local laws or regulations) with respect to such information, (iii) only disclose such information to the extent required to comply with applicable law, and (iv) subject to applicable law, permit EagleView to challenge or limit such disclosure prior to the disclosure thereof.

4. TERM; SUSPENSION; TERMINATION; EFFECT OF TERMINATION

   a. Term. The term of the Agreement will commence on the Effective Date and will terminate following delivery of the various Projects (including any Services) set forth in Section A (Product Description, Prices and Payment Terms).

   b. Suspension. In the event of a breach of the Agreement by you, any Authorized User or someone using your EagleView Credential, or end-users who are permitted to use the WVO Services and WVO Licensed Content pursuant to the Agreement, EagleView may temporarily suspend or discontinue providing access to the applicable Services or Content (or both) to you and/or any or all Authorized Users or end-users (or both) without notice and EagleView may pursue any other legal remedies available to it.

   c. Termination. EagleView may terminate the Agreement immediately in the event you: (a) do not pay in full the Fees or do not pay the Fees in accordance with the terms of the Agreement, or (b) fail to comply with any other term of the Agreement.

   d. Effect of Termination. Upon termination of the Agreement, except to the extent expressly set forth in the Agreement, you shall immediately cease all use of the applicable Content and Services, promptly purge all copies of the applicable Content, EagleView Software and Documentation from all workstations and servers on which any of it may be stored or available at the time, and return any hard drive/media containing the applicable Content, EagleView Software or Documentation (or any combination thereof) to EagleView. The provisions of the Agreement that by their nature would survive its termination will survive indefinitely.

5. LIMITED WARRANTY; DISCLAIMER OF WARRANTIES; WAIVER

   a. Limited Warranties. EagleView represents and warrants to Customer:

      i. That the Delivered Content will contain true and usable copies of the designated imagery as of the date of capture; and

      ii. That it has the right and authority to make the applicable Services and the applicable Content available to you, and to the extent applicable, your Authorized Users, as authorized expressly by the Agreement.

      As your sole and exclusive remedy for any breach of Section 5(a)(i) with respect to the Delivered Content, EagleView shall use reasonable efforts to correct any deficiency that precludes use of the Delivered Content in the manner intended.

   b. Disclaimers. EXCEPT AS EXPRESSLY PROVIDED IN SECTION 5(A) OF THE AGREEMENT, TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE SERVICES AND CONTENT ARE PROVIDED ON AN "AS IS", "AS AVAILABLE" BASIS AND "WITH ALL FAULTS" AND EAGLEVIEW, AND EACH THIRD PARTY SUPPLIER OF THE CONTENT OR SERVICES, EXPRESSLY DISCLAIM ALL OTHER WARRANTIES OF ANY KIND (WHETHER EXPRESS, IMPLIED OR STATUTORY), INCLUDING THE WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, FITNESS FOR A PARTICULAR PURPOSE, ACCURACY, THAT THE SERVICES WILL BE UNINTERRUPTED OR ERROR-FREE OR THAT DEFECTS IN THE CONTENT OR SERVICES WILL BE CORRECTED. Without limiting the foregoing, the Services and the Content are not to be relied upon to precisely locate or determine property boundaries and should not be used in lieu of a professional survey where the accuracy of measurements, distance, height, angle, area and volume, may have significant consequences. The Services and the Content are provided for visualization purposes only, are not authoritative or definitive, and do not constitute professional engineering or surveying services. All measurements and reports generated by the Services or from the Content are based upon second order visualization and measurement data that do not provide authoritative or definitive measurement results suitable for professional engineering or surveying purposes. Contour information obtained from the Services or contained in the Content is generated from undersampled elevation data, is provided for informational purposes only, and is not suitable for use as the basis for hydrographic computations, estimations or analyses. While the Services and the Content may be considered useful supplements for life critical applications, they are not designed or maintained to support such applications and EagleView, and its third party suppliers of the Content or Services, hereby disclaim all liability for damages, claims and expenses arising from such use. Your reliance on the Services and the Content should only be undertaken after an independent review of their accuracy, completeness, efficacy, timeliness and adequacy for your intended purpose. EagleView and each third party supplier of any portion of the Content or Services assume no responsibility for any consequences resulting from the use of the Services or the Content. EagleView, and each third party supplier of any portion of Content or Services, hereby disclaim all liability for damages, claims and expenses arising from or in any way related to the accuracy or availability of the Services and the Content.

   c. Waiver of Rights. By accepting these General Terms or by using any of the Services or the Content, you waive any and all

rights you may have against a Covered Party, each third party supplier of any portion of the Content or Services, and each of their directors, officers, members and employees, arising out of use of or reliance upon the Services or the Content.

6. LIMITATION OF LIABILITY

a. Limitation of Liability. No Covered Party shall be liable for any loss, injury, claim, liability, or damage of any kind resulting in any way from, as applicable, (a) any errors in or omissions from the Services or the Content, (b) the unavailability or interruption of the Services or any features thereof or of the Content, (c) your or any other party's use of the Services or the Content, (d) the loss or corruption of any data or equipment in connection with the Services or the Content, (e) the content, accuracy, or completeness of the Content, all regardless of any assistance received in the use of the Services from a Covered Party, (f) any delay or failure in performance beyond the reasonable control of a Covered Party, or (g) any content retrieved from the Internet even if retrieved or linked to from within the Services.

b. Consequential Loss Exclusion. To the fullest extent permissible by applicable law, neither you nor the Covered Parties will be liable under any cause of action of any kind arising out of or related to the Agreement (including under theories involving tort, contact, negligence, strict liability or breach of warranty) for any special, indirect, incidental, or consequential damages of any kind whatsoever (including, without limitation, lost profits and attorneys' fees) even if a party has been advised of the possibility of such damages. The foregoing limitation of liability shall not apply to your (and your Authorized Users' or end-users (or both)) infringement of any intellectual property rights or misappropriation of proprietary data (including Content) or confidential information belonging to EagleView or any of its third party suppliers.

c. Liability Cap. To the fullest extent permissible by applicable law, under no circumstances will the aggregate liability of the Covered Parties in connection with any claim arising out of or relating to the Services or the Content or the Agreement exceed the lesser of (i) your actual direct damages, or (ii) the amount you paid for the impacted Services or Content in the twelve (12) month period immediately preceding the date the claim arose.

d. Defend and Hold Harmless. If there is a breach of the warranties in Section 5(a) above, then EagleView, at its option and expense, shall either defend or settle any action and hold you harmless against proceedings or damages of any kind or description based on a third party's claim of patent, trademark, service mark, copyright or trade secret infringement related to your use or, to the extent applicable, your Authorized Users' use, of the Services or the Content, excluding any Services or Content supplied by a third party, asserted against you by any third party provided: (i) all use of the applicable Services and the applicable Content was in accordance with the Agreement; (ii) the claim, cause of action or infringement was not caused by you modifying or combining the applicable Services or the applicable Content with or into other products, applications, images or data not approved by EagleView in writing; (iii) you give EagleView prompt notice of such claim; and (iv) you give EagleView the right to control and direct the investigation, defense and settlement of such claim. You, at EagleView's expense, shall reasonably cooperate with EagleView in connection with the foregoing.

e. Right to Mitigate. In addition to Section 6(d), if any of the Services, the operation thereof or any of the Content become, or in the opinion of EagleView are likely to become, the subject of a claim of infringement, EagleView may, at its option and expense, either: (i) procure for you the right to continue using the applicable Services or the applicable Content, (ii) replace or modify the applicable Services or the applicable Content so that they become non-infringing; or (iii) terminate the Agreement (including the applicable licenses granted to you) on notice to you and grant you a pro-rata refund or credit (whichever is applicable) for any pre-paid Fees.

f. Sole / Exclusive Remedy. Your right to monetary damages in the amount of the liability cap, as specified in Section 6(c) above, shall be in lieu of all other remedies which you may have against any Covered Party. The provisions of Sections 6(d) and (e) of the Agreement shall constitute your sole and exclusive remedy for the respective matters specified therein.

g. Notification of Claims. You shall (a) notify EagleView in writing of any claims or proceedings involving any of the Content and/or the Services within ten (10) days after you learn of the claim or proceeding, and (b) report promptly to EagleView all claimed or suspected defects in the Content and/or the Services.

7. MISCELLANEOUS

a. Restricted Rights. The Content and Services acquired with United States Government funds or intended for use within or for any United States federal agency are provided with "Restricted Rights" as defined in DFARS 252.227-7013, Rights in Technical Data and Computer Software and FAR 52.227-14, Rights in Data-General, including Alternate III, as applicable.

b. Trade Restrictions. The parties acknowledge that certain information, software technology, accompanying documentation and technical information may be subject to United States export control laws. You will not directly or indirectly export or re-export the Content or Services in violation of the Export Administration Regulations of the U.S. Department of Commerce.

c. Patriot Act. You are aware and understand that any user data collected or stored by the Online Services or the WVO Services may be accessed by US law enforcement agencies under the US PATRIOT Act. You hereby release, and agree to hold EagleView harmless from, all claims against EagleView with respect to such access.

d. Non-Compete. You may not use the Services or the Content (or both) to compete with any businesses of EagleView.

e. FCR. You may not use information included in the Services or the Content to determine an individual consumer's eligibility for (a) credit or insurance for personal, family, or household purposes; (b) employment; or (c) a government license or benefit. The term "consumer" is defined in the United States Fair Credit Reporting Act at 15 USC §1681.

f. Amendments / Modifications. Any modifications, amendments or supplements to the Agreement must be made in writing and be signed by duly authorized officers of each party. Furthermore, the Agreement may not be modified, amended or supplemented by email exchange, even if the email contains a printed name or signature line bearing signature-like font. The foregoing does not prohibit the execution of electronic contracts bearing electronic signatures of authorized representatives of both parties, provided such signatures include digital certifications or are otherwise authenticated.

g. Payment on Breach. In the event of a breach of your obligations under the Agreement, including your payment obligations, you agree to pay all of EagleView's costs of enforcement and collection, including court costs and reasonable attorneys' fees.

h. Notices. All notices and other communications hereunder shall be in writing or, solely with respect to the Online Services, displayed electronically in the Online Services by EagleView. Notices shall be deemed to have been properly given on the date deposited in the mail, if mailed; on the date first made available, if displayed in the Online Services; or on the date received, if delivered in any other manner. Legal notices to EagleView should be sent to EagleView, Attn: General Counsel, 25 Methodist Hill Drive, Rochester, New York 14623.

i. No Waiver. No waiver of a breach of any term of the Agreement will be effective unless in writing and duly executed by the waiving party. No such waiver will constitute a waiver of any subsequent breach of the same or any other term of the Agreement. No failure on the part of a party to exercise, and no delay in exercising any of its rights hereunder will operate as a waiver thereof, nor will any single or partial exercise by a party of any right preclude any other or future exercise thereof or the exercise of any other right.

j. Assignment. Neither you nor any Authorized User may assign or otherwise transfer your rights or delegate your duties under the Agreement without the prior written consent of EagleView. Any attempt by you or any Authorized User to assign, transfer or delegate your rights or obligations under the Agreement without EagleView's consent shall be void, and shall also void the limited license granted to you by the Agreement. The Agreement and any amendment thereto shall be binding on, and will inure to the benefit of the parties and their respective successors and permitted assigns.

k. Governing Law. The Agreement shall be governed by and interpreted in accordance with the laws of the State of New York, excluding its conflicts of law principles. Unless you are a government entity, in the event that any legal proceedings are commenced with respect to any matter arising under the Agreement, the parties specifically consent and agree that the courts of the State of New York or, in the alternative, the Federal Courts located in the State of New York shall have exclusive jurisdiction over each of the parties and over the subject matter of any such proceedings, and that the venue of any such action shall be in Monroe County, New York or the U.S. District Court for the Western District of New York, as applicable.

l. Force Majeure. Except with respect to Customer's payment obligations for Content or Services (or both) provided, each party will be excused from performance under the Agreement, will not be deemed to be in breach hereof, and will have no liability to the other party whatsoever if either party is prevented from performing any of its obligations hereunder, in whole or in part, as a result of a Force Majeure Event. A "Force Majeure Event" means an event or occurrence beyond the control of the nonperforming party, such as an act of God or of the public enemy, embargo or other act of government in either its sovereign or contractual capacity, government regulation, travel ban or request, court order, civil disturbance, terrorism, war, quarantine restriction, epidemic, virus, fire, weather, flood, accident, strike, slowdown, delay in transportation, electrical power outage, interruption or degradation in electronic communications systems, inability to obtain necessary labor, materials or manufacturing facilities, and other similar events. In the event of any delay resulting from a Force Majeure Event, any date of delivery hereunder will be extended for a period equal to the time lost because of the delay.

m. Severability. The Agreement will be enforced to the fullest extent permitted by applicable law. If any provision of the Agreement is held to be invalid or unenforceable to any extent, then (a) such provision will be interpreted, construed and reformed to the extent reasonably required to render it valid, enforceable and consistent with its original intent and (b) such invalidity or unenforceability will not affect any other provision of the Agreement.

n. Third Party Beneficiary. Where applicable, each affiliate of EagleView and each third party supplier of the Content or Services has the right to assert and enforce the provisions of the Agreement directly on its own behalf as a third party beneficiary.

o. Entire Agreement. The Agreement constitutes the entire agreement of the parties with respect to its subject matter and replaces and supersedes any prior written or verbal communications, representations, proposals or quotations relating to that subject matter.

p. Construction. The headings in the Agreement are for convenience only. They do not constitute a portion of the Agreement and will not be used in any construction of it. The terms "include" and "including" are not limiting.

II. PRODUCT SPECIFIC TERMS

A. DELIVERED CONTENT. These terms apply to Delivered Content only. If you receive, access or use Delivered Content under the Agreement, the following terms apply to you.

1. Grant of Rights. Subject to the terms and conditions of the Agreement, you are granted nonexclusive, nontransferable, limited rights to:
    a. install the Delivered Content on Authorized Systems;
    b. permit access and use of the Delivered Content through Authorized Systems by:
        i. Delivered Content Authorized Users for performance of public responsibilities of you or Authorized Subdivisions that are to be performed entirely within facilities of you or Authorized Subdivisions;
        ii. Project Participants under the supervision of Delivered Content Authorized Users for performance of tasks or preparation of materials using only hard copies (or jpg copies) of Delivered Content solely for fulfilling public responsibilities of you or Authorized Subdivisions to be performed entirely within facilities of you or Authorized Subdivisions; and
        iii. individual members of the public (each a "Permitted Public Member"), but only through Delivered Content Authorized Users and solely for the purpose of making hard copies or jpg copies of images of individual properties or structures (but not bulk orders of multiple properties or structures) to the individual members of the public requesting them.
2. Delivered Content Authorized User, Authorized Subdivision and Permitted Public Compliance. You shall at all times be responsible for compliance by each Delivered Content Authorized User, Authorized Subdivision and Permitted Public Member with the terms and conditions of the Agreement including these Delivered Content terms and conditions.
3. Project Participants. Each notice to EagleView identifying a potential Project Participant shall include a detailed description of the scope and nature of the Project Participants' planned work and the intended use of the Delivered Content in such work. EagleView retains the right to restrict or revoke access to Delivered Content by any Project Participant who does not comply with the terms of the Agreement including these Delivered Content terms and conditions.
4. Geographic Data. If available, you agree to provide to EagleView geographic data in industry standard format (e.g., shape, DBF) including digital elevation models, street centerline maps, tax parcel maps and centroids, which data, to the extent practicable, shall be incorporated into the Delivered Content. You agree that any of this data that is owned by you may be distributed and modified by EagleView as part of its products and services, provided that at no time shall EagleView claim ownership of that data.
5. STANDARD ORTHO MOSAIC PRODUCTS.
EagleView standard ortho mosaic products are produced through automated mosaicking processes that incorporate digital elevation data with individual EagleView ortho frames to create large-area mosaics on an extremely cost-effective basis. Because these products are produced through automated processes, rather than more expensive manual review and hand-touched corrective processes, there may be inherent artifacts in some of the resulting mosaics. While EagleView works to minimize such artifacts, without limitation to anything set forth in the Agreement, the EagleView standard ortho mosaic products are provided on an 'AS IS' basis with respect to visible cutlines along mosaic seams resulting from the following types of artifacts:

    i. Disconnects in non-elevated surfaces generally caused by inaccurate elevation data;
    ii. Disconnects in elevated surfaces (e.g., roadways, bridges, etc.) generally caused by elevated surfaces not being represented in the elevation data;
    iii. Building intersect and clipping generally caused by buildings not being represented in the elevation data;
    iv. Seasonal variations caused by images taken at different times during a season, or during different seasons;
    v. Ground illumination variations caused by images taken under different illumination (e.g., sunny, high overcast, morning light, afternoon light, etc.) within one flight day or during different flight days;
    vi. Single GSD color variations caused by illumination differences or multiple-aircraft/camera captures;
    vii. Mixed GSD color variations caused by adjacent areas being flown at different ground sample distances (GSDs); and
    viii. Water body color variations caused by multiple individual frames being used to create a mosaic across a body of water (e.g., lakes, ponds, rivers, etc.).

    Other EagleView products may be available that are less prone to such artifacts than the EagleView standard ortho mosaic products.

6. RapidAccess—Disaster Response Program ("DRP")

   A. Disaster Coverage Imagery – If Section A: Product Description, Prices and Payment Terms provides EagleView will provide DRP, then EagleView will, upon request of Customer, provide standard quality imagery of up to 200 square miles of affected areas (as determined by EagleView) upon the occurrence of any of the following events during any period Customer is eligible for DRP:

   ☐ Hurricane: areas affected by hurricanes of Category 2 and higher.

   ☐ Tornado: areas affected by tornados rated EF4 and higher.

   ☐ Terrorist: areas affected by damage from terrorist attack.

   ☐ Earthquake: areas affected by damage to critical infrastructure resulting from earthquakes measured at 6.0 or higher on the Richter scale.

   ☐ Tsunami: areas affected by damage to critical infrastructure resulting from tsunamis.

   B. Discounted Rate – Coverage for areas affected by the events set forth above exceeding 200 square miles will be, subject to EagleView resource availability, offered to Customer at the then current DRP rates. Also, coverage for areas affected by hurricanes below Category II, tornadoes below EF4 or earthquakes rated below 6.0 on the Richter scale will be, subject to EagleView resource availability, offered to Customer at the then current DRP rates.

   C. Online Services – Use of Pictometry ConnectExplorer™ – EagleView's DRP includes the use of Connect Explorer for a term of ninety (90) days from the date of delivery of the DRP imagery. Customer shall have access to the DRP imagery for as long as they maintain an active Connect account.

7. Use of EagleView's Marks. You agree not to attach any additional trademarks, trade names, logos or designations, whether registered or not ("Marks") to any Delivered Content or to any copies of any Delivered Content without prior written approval from EagleView. You may, however, include an appropriate government seal and your contact information so long as the seal and contact information in no way obscure or deface the EagleView marks. You further agree that you will not use any EagleView trademark, trade name, logo, or designation in connection with any product or service other than the applicable Delivered Content. EagleView grants you a nonexclusive, non-sublicensable, non-transferable right to use EagleView's Marks to display such Marks to the extent they appear on the Delivered Content and for no other purpose and your right is coterminous with the license granted to you pursuant to the Agreement. You will only use EagleView's Marks as advised by EagleView from time to time and any and all goodwill accruing from your use of such Marks will inure to the benefit of EagleView.

8. License Term. The license granted to you pursuant to these Delivered Content terms and conditions is perpetual, subject to EagleView's right to terminate the license in the event you do not pay in full the Fees, unless the Agreement is terminated for any reason other than a breach of the Agreement by EagleView, or as otherwise provided in the Agreement.

B. ONLINE SERVICES. These terms apply to the Online Services and Licensed Content only. If you access or use the Online Services or Licensed Content under the Agreement, the following terms apply to you.

1. Grant of Rights. You are granted a nonexclusive, nontransferable, limited right to access and use the Online Services and the Licensed Content obtained or derived from the Online Services solely for your internal business purposes and not for resale or redistribution. The rights granted to you include, subject to the restrictions otherwise set forth in the Agreement, the right to copy limited portions of the Licensed Content onto your computer to facilitate preparation of hardcopies and work product records, and the right to make hardcopies of the Licensed Content, provided that the Licensed Content and the permitted copies thereof may not be sold, leased, loaned, distributed, or copied for use by anyone other than you.

2. Access. Only Eligible Users are eligible to access and use the Online Services and the Licensed Content pursuant to the Agreement. Each Eligible User shall be assigned a EagleView Credential for the purposes of accessing the Online Services. You will promptly deactivate an Eligible User's EagleView Credential in the event the Eligible User no longer meets the eligibility requirements or you otherwise wish to terminate the Eligible User's access to the Online Services. You are responsible for all use of the Online Services accessed with EagleView Credentials issued to your Eligible Users, including associated charges, whether by Eligible Users or others.

3. License Term. Unless otherwise set forth in Section A (Product Description, Prices and Payment Terms), the license granted to you pursuant to these Online Services terms and conditions will continue for the duration of the term of the Agreement, unless terminated earlier by EagleView in accordance with the terms of the Agreement.

C. WEB VISUALIZATION. These terms apply to the WVO Services and WVO Licensed Content only. If you access or use the WVO Services or WVO Licensed Content under the Agreement, the following terms apply to you.

1. Grant of Rights. You are granted a nonexclusive, nontransferable, limited right to use and to provide public access to, and use of, the WVO Services solely for purposes of providing access to WVO Licensed Content in response to human-initiated, discrete location-specific requests through a single website operated exclusively by or for you to serve you and your public constituencies and not for resale or redistribution or commercial use of any nature.

2. End-User Access. You shall provide to all end-users of the WVO Services on the page through which they access such services conspicuous notice of the following terms of access: (a) WVO Licensed Content available through the WVO is copyrighted material, (b) end-users of the WVO Services are granted the right to access and view the WVO Licensed Content through the WVO Services for personal use only and not for commercial purposes of any type, (c) end-users of the WVO Services are prohibited from reproducing, reselling, transferring, redistributing or creating derivative works from WVO Licensed Content, (d) all right, title, and interest (including all copyrights, trademarks and other intellectual property rights) in the WVO Services and the WVO Licensed Content in all media belongs to the Covered Party , and (e) EagleView takes no responsibility for and shall not be liable for the WVO Licensed Content of its third party suppliers.

3. License Term. Unless otherwise set forth in Section A (Product Description, Prices and Payment Terms), the license granted to you pursuant to these WVO Services terms and conditions will continue for the duration of the term of the Agreement, unless earlier terminated by EagleView in accordance with the terms of the Agreement.

D. SOFTWARE LICENSE. These terms apply to the EagleView Software and the Documentation only. If you download, receive access to or use the EagleView Software or the Documentation (or both) under the Agreement, the following terms apply to you.

1. Grant of Rights. Subject to the terms and conditions of the Agreement, you are granted a limited, non-transferable, terminable, non-sublicenseable, non-exclusive license to install and use the EagleView Software and the Documentation solely for internal use. Use of the functionality provided by the EagleView Software other than for your internal use is prohibited, except with the prior written approval of EagleView. You may make one copy of the EagleView Software in machine-readable form for backup purposes only; provided that the backup copy must include all copyright and other proprietary notices contained in the original.

2. License Term. The license granted to you pursuant to these Software License terms and conditions will terminate automatically (i) upon termination or expiry of the Agreement for any reason, or (ii) without notice from Pictometry if you fail to comply with any term of the Agreement.

[END OF LICENSE TERMS]

SECTION C: NON-STANDARD TERMS AND CONDITIONS

1. Applicable Law: Notwithstanding anything to the contrary set forth elsewhere in this Agreement, this Agreement and any modifications, amendments or alterations shall be interpreted, construed and enforced in all respects in accordance with the laws of the State of Iowa, excluding its conflicts of law principles. Each party irrevocably consents to the exclusive jurisdiction of the courts of the State of Iowa in connection with any action to enforce the provisions of this Agreement, to recover damages or other relief for breach or default under this Agreement, or otherwise arising under or by reason of this Agreement.

2. Non-appropriation of Funds. Notwithstanding anything herein to the contrary, in the event that the funds due for subsequent projects and related deliverables under the terms and conditions of this Agreement are not lawfully appropriated, the following provisions shall apply:

a. Customer shall provide Pictometry with written documentation of non-appropriation of funds from its funding source prior to commencement of a subsequent project;

b. This Agreement shall remain in full force and effect, however commencement of the subsequent project shall be deemed postponed until such time as funds for the subsequent project have been appropriated and all other sums due under the terms and conditions of this Agreement have been paid by Customer. In the event that the postponement exceeds eighteen months, Pictometry reserves the right to terminate any and all obligations with respect to the postponed project and all subsequent projects included in this Agreement; and

c. If Customer, or any party authorized under the terms and conditions of this Agreement to use the licensed products set forth in Section A, is in possession of licensed products for which Pictometry has not been fully compensated in accordance with the payment terms of this Agreement, Customer or such authorized party shall immediately cease use of those licensed products, purge those licensed products from all Customer and authorized party computers, and return those licensed products to Pictometry.

3. Notwithstanding anything herein to the contrary, Pictometry's obligation to complete the First, Second, and Third Projects set forth in this Agreement is contingent upon Pictometry completing the Fourth, Fifth, and Sixth image capture projects for Dallas County, IA. In the event that Pictometry does not complete the Dallas County, IA image captures, it is under no obligation to complete the corresponding Projects set forth in this Agreement.

4. Customer shall own the copy of the orthogonal imagery delivered to it by Pictometry pursuant to this Agreement. Customer is free to use, reproduce and redistribute copies of the orthogonal imagery so delivered in any manner without any accounting to Pictometry. Pictometry shall own those copies of the orthogonal imagery delivered pursuant to this Agreement that are in Pictometry's possession. Pictometry is free to use, reproduce and redistribute copies of the orthogonal imagery delivered pursuant to this Agreement in any manner without any accounting to Customer.

EagleView Reveal

Essentials+ Property deliverables

Product	Essentials+ Property
Ortho Frame Imagery	• Nominal 2in GSD ortho imagery, Imagery as good as 1.2in and no worse than 3in
Orthomosaic Specifications	• Typical Positional Horizontal Accuracy: 1m at a 95% confidence level • Fully automated photogrammetric orthomosaic. Imagery may contain seamlines • Project-wide color and contrast balancing
Oblique Imagery	Nominal 2.6in GSD oblique imagery ranging from 1.7in to 3.5in GSD: • Where available fully automated photogrammetric mosaiced imagery. Imagery may contain seamlines
Metadata and Reporting	Metadata: • Metadata generated that meets FGDC Standards upon request • Shapefile(s) with discrete deliverable boundaries and directional metadata
Orthomosaic Deliverable Format (Online)	Resolution: • Nominal 2in GSD, no worse than 3in (Best Available Provided) Access Methods: • Available via web-based viewer (Connect) - Contracted separately • Also available via WMS/WMTS (Image Service) - Contracted separately
Orthomosaic Deliverable Format (Physical)	Resolution: • Nominal 2in GSD, no worse than 3in (Best Available Provided) Projection/Coordinate System: • Customer Selectable Datum: • Customer Selectable File Format: • Mosaic Tiles o Available as JPEG, GeoTIFF, JPEG2000, PNG, ECW, MrSID (All versions) with world file o Includes separate Pictometry Map Image (PMI) trailer file • Project-Wide Mosaic o Available in ECW, MrSID (All versions) format
Oblique Imagery & Frame Imagery Deliverable Format	Access methods: • Available via web-based viewer (Connect) - Contracted separately
Delivery Timeline	• Best efforts to make frame imagery available online within 20 days of capture complete • Best efforts to make ortho and oblique imagery available online and/or ready for physical delivery within 30 days of capture completion

EagleView Reveal

Essentials Add-on - Certified Ortho

Products Related to	Essentials Essentials+ Advanced
Product Description	*Certified Ortho* upgrades an Essentials orthomosaic to an authoritative orthomosaic produced in accordance with state and local requirements
Product Eligibility	• Reveal Certified Ortho can only be purchased in conjunction with a related product type • Reveal Certified Ortho is only applicable to Reveal orthomosaic imagery
Orthomosaic Accuracy	Absolute Horizontal Accuracy: • Produced to meet ASPRS Horizontal Accuracy Standards of ≤3 px RMSEx,y • Optional 2 px RMSEx,y (where available)
ASPRS Accuracy Standards	https://www.asprs.org/a/society/committees/standards/Positional_Accuracy_Standards.pdf
Metadata and Reporting	Reporting • FGDC Compliant metadata • Project report in accordance with state and local requirements
Optional Reporting*	• Signed & Sealed Produced to Accuracy Statement • Signed & Sealed Tested to Accuracy Statement o Requires Independent Accuracy Assessment to ASPRS Standards Product
Delivery Timeline	Best efforts to ensure orthomosaic and related reports will be made available online and/or ready for physical delivery within 60 – 90 days of data collected, depending on size

* Available upon request. May require purchase of additional products

EagleView Reveal

Essentials Add-on - TrueTouch

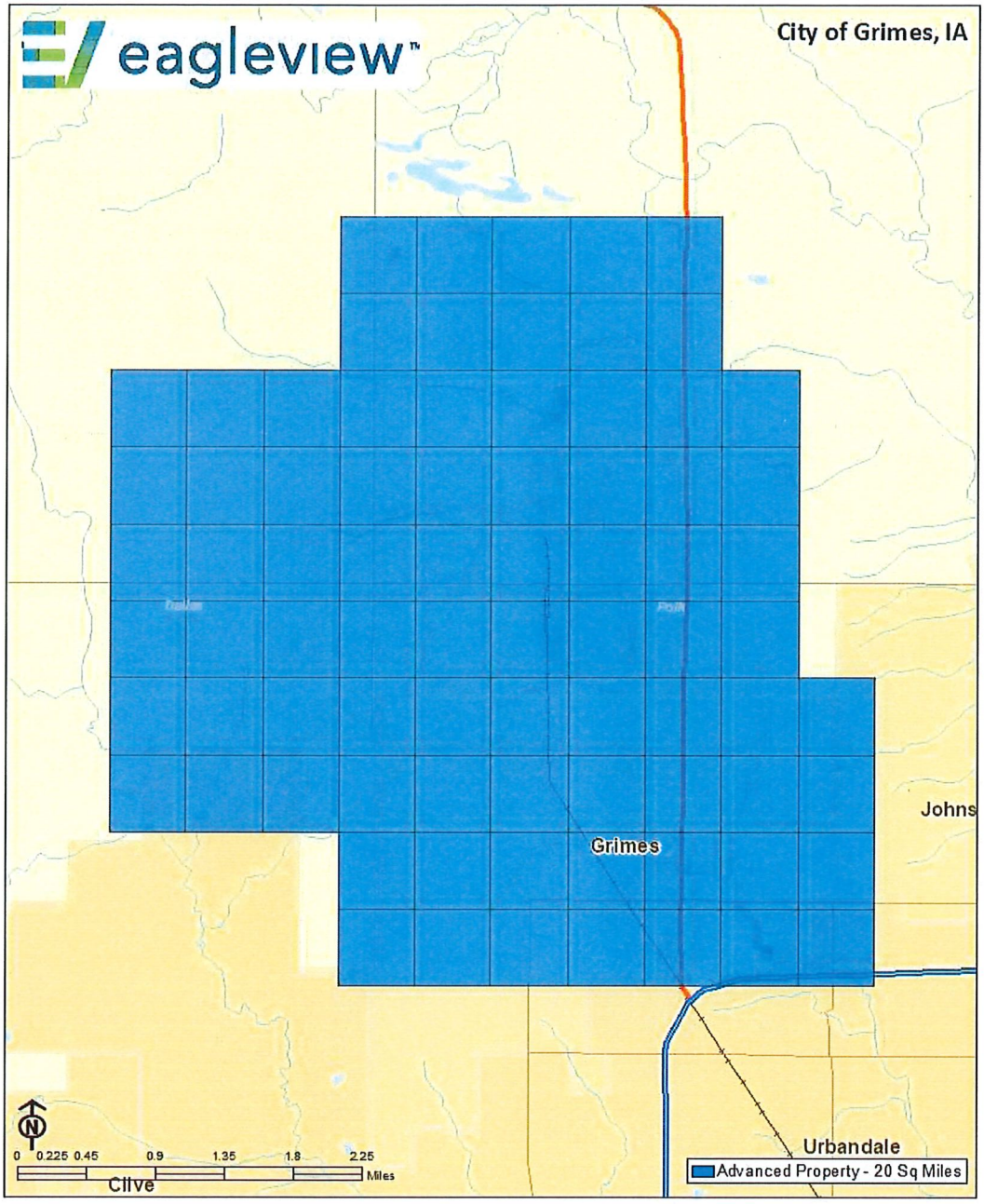
Products Related to	Essentials Essentials+ Advanced
Product Description	TrueTouch is the application of visual improvements to customers' orthomosaic imagery
Product Eligibility	Can only be purchased with appropriate Reveal product TrueTouch is only applicable to customer RGB and CIR orthomosaic imagery
Content Specifications	<u>Seam Artifacts</u> • There will be no obvious seam edges between two adjacent orthophotos • Orthomosaic will have edits to eliminate feature misalignment caused by seamlines which pass through features above the elevation surface including roads. Feature alignment across seamlines will be 3px or better. o Exceptions may include residential buildings and industrial complexes <u>Building and Bridge Lean</u> • Correction of bridges • Correction of major buildings obstructing roadways o Exceptions may include residential buildings and industrial complexes
Delivery Timeline	• Imagery will be made available online and/or ready for physical delivery within 120 days of completion of capture

EagleView Reveal

Essentials Add-on – Four Band Color Infrared

Products Related to	Essentials Essentials+ Advanced
Product Name	Reveal Four Band Color Infrared
Product Description	*Four Band Color Infrared* provides an automatically generated 3-Band color infrared orthomosaic with respective tiles. Imagery may contain seamlines.
Product Eligibility	• Reveal Four Band Color Infrared can only be purchased in conjunction with a related product type • Reveal Four Band Color Infrared is only applicable to Reveal orthomosaic imagery
Content Specifications	Mosaics: • 3-Band false color infrared orthomosaic • 4-Band orthomosaic (Available upon request) Mosaic Tiles: • 4-Band orthomosaic tiles • 3-Band false color infrared orthomosaic tiles (Available upon request)
Metadata and Reporting	Metadata: • Optional metadata generated that meets FGDC Standards
Orthomosaic Deliverable Format (Online)	Currently Unavailable
Orthomosaic Deliverable Format (Physical)	Projection/Coordinate System: • Customer Selectable Datum: • Customer Selectable File Format: • Mosaic Tiles o Available as JPEG, GeoTIFF, JPEG2000, PNG, ECW, MrSID (All versions) with world file o Includes separate Pictometry Map Image (PMI) trailer file • Project-Wide Mosaic o Available in ECW, MrSID (All versions) format
Delivery Timeline	• Best efforts to make imagery available online and/or ready for physical delivery within 60 days of capture completion

Map(s)


eagleview
City of Grimes, IA
Grimes
Johns
Urbandale
Clive
0 0.225 0.45 0.9 1.35 1.8 2.25
Miles
Advanced Property - 20 Sq Miles

CITY OF GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

AGENDA MEMO

For Meeting of November 8th, 2022

AGENDA HEADING: Iowa Highway 44 Trail Extension – Snyder & Associates, Inc., Professional Services Agreement.

SYNOPSIS: The City of Grimes has identified the need for engineering services to extend the trail along Iowa Highway 44 (W 1st Street). The project will include the extension of trail along the north side of Iowa Highway 44 from the intersection of Brookside Drive to the parking lot of the Dallas Center-Grimes High School. It will also include connecting to the trail along the west side of SW County Line Road. Along with the trail improvements, new pedestrian push buttons and signals will be installed at the County Line Road intersection. These trail improvements will provide an important connection to the Dallas Center-Grimes High School and Oak View Middle School.

The schedule for this project is to start design this year and aim for an early spring 2023 bid letting. Construction is scheduled to start in spring of 2023 with the goal to have the trail open before school starts for the fall semester.

Staff selected Snyder & Associates due to their expertise in trail and traffic signal design. They have successfully completed projects for the City of Grimes and staff feels very comfortable working with them.

FISCAL IMPACT: The total fee proposed for the engineering services is a not to exceed amount of $71,600.00 based off hourly rates and fixed expenses.

This project will be funded through sidewalk & trail line items in the CIP.

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.

RESOLUTION TO ENTER INTO CONTRACT FOR PROFESSIONAL SERVICES

Grimes Resolution No.11-0722

WHEREAS, the City of Grimes (Grimes) desires to construct an extension of the trail along the north side of Iowa Highway 44 from Brookside Drive to the Dallas Center-Grimes High School; and,

WHEREAS, the engineering firm of Snyder & Associates, Inc. (Engineer), has substantial experience in transportation and trail design, and is qualified to provide project administration, survey, trail and traffic signal design and bid letting services;

WHEREAS, Engineer has proposed the attached Standard Professional Services Agreement that has scope of work to be supplied by the Engineer and compensation to be paid by Grimes for Engineer's engineering services related to the trail project;

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Grimes, Iowa, that the Mayor is authorized to execute the Standard Professional Services Agreement with the Engineer on behalf of the City of Grimes.

Passed by the City Council of the City of Grimes, Iowa, by of vote of ___to___ on the 8th day of November, 2022, and approved by the Mayor on the 8th day of November, 2022.

_____

Scott Mikkelsen, Mayor

Attested:

_____

Rochelle Williams, City Clerk

AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES

IOWA HIGHWAY 44 TRAIL EXTENSION PROJECT

This Agreement is made and entered into this 8th day of November, 2022, by and between City of Grimes, a municipal corporation, hereinafter referred to as "City," and Snyder & Associates, Inc., party of the second part, hereinafter referred to as "Consultant" as follows:

THE CITY HEREBY AGREES TO RETAIN THE CONSULTANT FOR THE PROJECT AS DESCRIBED IN THIS AGREEMENT AND CONSULTANT AGREES TO PERFORM THE PROFESSIONAL SERVICES AND FURNISH THE NECESSARY DOCUMENTATION FOR THE PROJECT AS GENERALLY DESCRIBED IN THIS AGREEMENT.

1. SCOPE OF SERVICES

   Services provided under this Agreement shall be as further described in Attachment 1, Scope of Services.

2. SCHEDULE

   The schedule of the professional services to be performed shall conform to the Schedule set forth in Attachment 2. Any deviations from the Schedule shall be approved by the authorized City representative. The City agrees that the Consultant is not responsible for delays arising from a change in the scope of services, a change in the scale of the Project or delays resulting from causes not directly or indirectly related to the actions of the Consultant.

3. COMPENSATION

   A. In consideration of the professional services provided herein, the City agrees to pay the Consultant the following sum NOT-TO-EXCEED, excluding any authorized reimbursable expenses, pursuant to the Schedule of Fees set forth in Attachment 3.

I.	Basic Services of the Consultant	
	a. Project Administration and Coordination	$ 9,700
	b. Topographic Survey and Base Drawings	$ 6,700
	c. Boundary Survey	$ 3,400
	d. Trail Design and Construction Plans	$ 41,300
	e. Traffic Signal Design and Construction Plans	$ 5,000
	f. Permit Fees and Direct Expenses	$ 500
	g. Bid Phase Services	$ 5,000
	Sub Total	$ 71,600
II.	Additional Services of the Consultant	
	a. Right-of-Way Acquisition (if needed)	By Amendment
	Sub Total	By Amendment

III. Construction Services of the Consultant – Added by Addendum

a. Construction Administration	By Amendment
b. Construction Staking	By Amendment
c. Construction Observation	By Amendment
d. Record Drawings	By Amendment
e. Monument Preservation	By Amendment
Sub Total	By Amendment
Total	$ 71,600

B. The Consultant shall invoice the City monthly for services, any reimbursable expenses, and any approved amendments to this Agreement, based upon services actually completed at the time of the invoice. Final payment shall be due and payable within 30 days of the City's acceptance of Consultant's submission of final deliverables in accordance with the Scope of Services.

C. In consideration of the compensation paid to the Consultant, the Consultant agrees to perform all professional services to the satisfaction of the City by performing the professional services in a manner consistent with that degree of care and skill ordinarily exercised by members of Consultant's profession currently practicing under similar circumstances. If the performance of this Agreement involves the services of others or the furnishing of equipment, supplies, or materials, the Consultant agrees to pay for the same in full.

4. INSURANCE

A. Consultant understands and agrees that Consultant shall have no right of coverage under any and all existing or future City comprehensive, self, or personal injury policies. Consultant shall provide insurance coverage for and on behalf of Consultant that will sufficiently protect Consultant or Consultant's representative(s) in connection with the professional services which are to be provided by Consultant pursuant to this Agreement, including protection from claims for bodily injury, death, property damage, and lost income. Consultant shall provide worker's compensation insurance coverage for Consultant and all Consultant's personnel. Consultant shall file applicable insurance certificates with the City, and shall also provide evidence of the following additional coverage.

B. The Consultant shall provide evidence of comprehensive general liability coverage and contractual liability insurance by an insurance company authorized to do business in the State of Iowa in the limits of at least $1,000,000 each personal injury accident and/or death; $1,000,000 general aggregate personal injury and/or death; and $1,000,000 for each property damage accident. The evidence shall designate the City as an additional insured, and that it cannot be canceled or materially altered without giving the City at least thirty (30) days written notice by registered mail, return receipt requested.

C. The Consultant shall also provide evidence of automobile liability coverage in the limits of at least $1,000,000 bodily injury and property damage combined. The evidence shall designate the City as an additional insured, and that it cannot be cancelled or materially altered without giving the City at least thirty (30) days written notice by registered mail, return receipt requested.

D. The Consultant shall provide evidence of professional liability insurance, by an insurance company authorized to do business in the State of Iowa, in the limit of $1,000,000 for claims arising out of the professional liability of the Consultant. The insurance coverage shall not be reduced below these limits and the Consultant will notify the City of any erosion of the Policy Limits due to claims made. The coverage shall be maintained for a period of three (3) years after completion of the project. Consultant shall provide City written notice within five (5) days by registered mail, return receipt requested of the cancellation or material alteration of the professional liability policy.

E. AGENTS AND SUBCONTRACTORS: The Consultant shall require that any of its consultants, agents and subcontractors who perform work and/or services pursuant to the provisions of this Agreement to meet the same insurance requirements as are required of the Consultant.

F. ADDITIONAL INSURED & GOVERNMENTAL IMMUNITY: Except for Workers Compensation and Professional Liability, the policies providing the coverages specified in B and C above shall include the City of Grimes as Additional Insured and Governmental Immunities Endorsements.

G. Failure of Consultant to maintain any of the insurance coverages set forth above shall constitute a material breach of this Agreement.

5. NOTICE

Any notice to the parties required under this agreement shall be in writing, delivered to the person designated below, by United States mail or in hand delivery, at the indicated address unless otherwise designated in writing.

FOR THE CITY:	FOR THE CONSULTANT:
Name: City of Grimes	Name: Snyder & Associates, Inc.
Attn: Matt Ahrens, P.E.	Attn: John Haldeman, P.E.
Title: City Engineer	Title: Civil Engineer
Address: 410 SE Main Street, #102	Address: 2727 SW Snyder Boulevard
City, State: Grimes, IA 50111	City, State: Ankeny, Iowa

6. GENERAL COMPLIANCE

In the conduct of the professional services contemplated hereunder, the Consultant shall comply with applicable state, federal, and local law, rules, and regulations and technical standards or specifications issued by the City. Consultant must qualify for and obtain any required licenses prior to commencement of work, including any professional licenses necessary to perform work within the State of Iowa.

7. STANDARD OF CARE

Services provided by the Consultant under this Agreement shall be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.

8. INDEPENDENT CONTRACTOR

Consultant understands and agrees that the Consultant and Consultant's employees and representatives are not City employees. Consultant shall be solely responsible for payment of salaries, wages, payroll taxes, unemployment benefits, or any other form of compensation or benefit to Consultant or Consultant's employees, representatives or other personnel performing the professional services specified herein, whether it be of a direct or indirect nature. Further, it is expressly understood and agreed that for such purposes neither Consultant nor Consultant's employees, representatives or other personnel shall be entitled to any City payroll, insurance, unemployment, worker's compensation, retirement, or any other benefits whatsoever.

9. NON-DISCRIMINATION

Consultant will not discriminate against any employee of applicant for employment because of race, color, sex, national origin, religion, age, handicap, or veteran status. Consultant will, where appropriate or required, take affirmative action to ensure that applicants are employed, and that employees are treated, during employment, without regard to their race, color, sex, national origin, religion, age, handicap, or veteran status. Consultant will cooperate with the City in using Consultant's best efforts to ensure that Disadvantaged Business Enterprises are afforded the maximum opportunity to compete for subcontracts of work under this Agreement.

10. HOLD HARMLESS

Consultant agrees, to the fullest extent permitted by law, to indemnify and hold harmless the City, its officers, agents, and employees (collectively, City) against all damages, liabilities, judgements or costs, including reasonable investigative fees, attorney's fees, and court costs, to the extent caused by the Consultant's negligent acts, errors or omissions in the performance of professional services under this Agreement and those of its subcontractors, or anyone for whom Consultant is legally liable.

11. ASSIGNMENT

Consultant shall not assign or otherwise transfer this Agreement or any right or obligations therein without first receiving prior written consent of the City.

12. APPROPRIATION OF FUNDS

The funds appropriated for this Agreement are equal to or exceed the compensation to be paid to Consultant. The City's continuing obligations under this Agreement may be subject to appropriation of funding by the City Council. In the event that sufficient funding is not appropriated in whole or in part for continued performance of the City's obligations under this Agreement, or if appropriated funding is not expended due to City spending limitations, the City may terminate this Agreement without further compensation to the Consultant. To the greatest extent allowed by law, the City shall compensate Consultant as provided in Section 18(B) of this Agreement.

13. AUTHORIZED AMENDMENTS TO AGREEMENT

A. The Consultant and the City acknowledge and agree that no amendment to this Agreement or other form, order or directive may be issued by the City which requires additional compensable work to be performed if such work causes the aggregate amount payable under the amendment, order or directive to exceed the amount appropriated for this Agreement as listed in Section 3, above, unless the Consultant has been given a written assurance by the City that lawful appropriation to cover the costs of the additional work has been made.

B. The Consultant and the City further acknowledge and agree that no amendment to this Agreement or other form, order or directive which requires additional compensable work to be performed under this Agreement shall be issued by the City unless funds are available to pay such additional costs, and the Consultant shall not be entitled to any additional compensation for any additional compensable work performed under this Agreement. The Consultant expressly waives any right to additional compensation, whether in law or equity, unless prior to commencing the additional work the Consultant was given a written amendment, order or directive describing the additional compensable work to be performed and setting forth the amount of compensation to be paid, such amendment, order, or directive to be signed by the authorized City representative. It is the Consultant's sole responsibility to know, determine, and ascertain the authority of the City representative signing any amendment, directive, or order.

14. OWNERSHIP OF CONSULTING DOCUMENTS

All sketches, tracings, plans, specifications, reports, and other data prepared under this Agreement shall become the property of the City; a reproducible set shall be delivered to the City at no additional cost to the City upon completion of the plans or termination of the services of the Consultant. All drawings and data shall be transmitted in a durable material, with electronic files provided when feasible to do so. The Consultant's liability for use of the sketches, tracings, plans, specifications, reports, and other data prepared under this Agreement shall be limited to the Project.

15. INTERPRETATION

No amendment or modification of this Agreement shall be valid unless expressed in writing and executed by the parties hereto in the same manner as the execution of the Agreement. This is a completely integrated Agreement and contains the entire agreement of the parties; any prior written or oral agreements shall be of no force or effect and shall not be binding upon either party. The laws of the State of Iowa shall govern and any judicial action under the terms of this Agreement shall be exclusively within the jurisdiction of the district court for Polk County, Iowa.

16. COMPLIANCE WITH FEDERAL LAW

To the extent any federal appropriation has or will be provided for the Project, or any federal requirement is imposed on the Project, Consultant agrees that Consultant will comply with all relevant laws, rules and regulations imposed on City and/or Consultant necessary for receipt of the federal appropriation. Consultant shall provide appropriate certification regarding Consultant's compliance.

17. SOLICITATION AND PERFORMANCE

A. The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working for the Consultant, to solicit or secure this Agreement, and that the Consultant has not paid or agreed to pay any company or person other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift, or contingent fee.

B. The Consultant shall not engage the services of any person or persons in the employ of the City at the time of commencing such services without the written consent of the City.

18. SUSPENSION AND TERMINATION OF AGREEMENT

A. The right is reserved by the City to suspend this Agreement at any time. Such suspension may be affected by the City giving written notice to the Consultant, and shall be effective as of the date established in the suspension notice. Payment for Consultant's services shall be made by the City for services performed to the date established in the suspension notice. Should the City reinstate the work after notice of suspension, such reinstatement may be accomplished by thirty (30) days written notice within a period of six (6) months after such suspension, unless this period is extended by written consent of the Consultant. If the contract is not reinstated within six (6) months of suspension, it will be considered terminated, and the City will be under no obligation to make further payment under the Agreement.

B. Upon ten (10) days written notice to the Consultant, the City may terminate the Agreement, if in the City's sole judgement, it is found that reasons beyond the control of either the City or Consultant make it impossible or against the City's interest to complete the Agreement. In such case, the Consultant shall have no claims against the City except for the value of the work performed up to the date the Agreement is terminated.

C. The City may also terminate this Agreement at any time if it is found that the Consultant has violated any material term or condition of this Agreement or that Consultant has failed to maintain workers' compensation insurance or other insurance provided for in this Agreement. In the event of such default by the Consultant, the City may give ten (10) days written notice to the Consultant of the City's intent to terminate the Agreement. Consultant shall have ten (10) days from notification to remedy the conditions constituting the default.

D. In the event that this Agreement is terminated in accordance with paragraph C of this section, the City may take possession of any work and may complete any work by whatever means the City may select. The cost of completing said work shall be deducted from the balance which would have been due to the Consultant had the Agreement not been terminated and work completed in accordance with contract documents.

E. The Consultant may terminate this Agreement if it is found that the City has violated any material term or condition of this Agreement. In the event of such default by the City, the Consultant shall give ten (10) days written notice to the City of the Consultant's intent to terminate the Agreement. City shall have ten (10) days from notification to remedy the conditions constituting the default.

19. TAXES

The Consultant shall pay all sales and use taxes required to be paid to the State of Iowa on the work covered by this Agreement. If requested by the City, the Consultant shall execute and deliver and shall cause any sub-consultant or subcontractor to execute and deliver to the City certificates as required to permit the City to make application for refunds of said sales and use taxes as applicable. The City is a municipal corporation and not subject to state and local tax, use tax, or federal excise taxes.

20. SEVERABILITY

If any portion of this Agreement is held invalid or unenforceable by a court of competent jurisdiction, the remaining portions of this Agreement shall continue in full force and effect.

21. DISPUTE RESOLUTION

Should a dispute or conflict arise between the City and the Consultant during the design and construction of the Project, or following the completion of the Project, the City and the Consultant agree to submit the issues to formal non-binding mediation prior to exercising their right to commence litigation in a court of law. The parties shall each bear their own attorneys' fees, costs, and expenses during mediation. The cost of the mediator shall be shared equally by the parties.

If a suit, action, arbitration, or other legal proceeding is instituted in connection with any controversy arising out of this Agreement or to interpret or enforce any rights under this Agreement, the prevailing party shall be entitled to recover from the non-prevailing party court costs provided by Iowa law and interest at the legal rate. The City and Consultant agree that the jurisdiction and venue for any legal proceeding arising from this Agreement are the Iowa District Court for Polk County.

22. MISCELLANEOUS HEADINGS

Title to articles, paragraphs, and subparagraphs are for information purposes only and shall not be considered a substantive part of this Agreement.

23. FURTHER ASSURANCES

Each party hereby agrees to execute and deliver such additional instruments and documents and to take all such other action as the other party may reasonably request from time to time in order to affect the provisions and purposes of this Agreement.

24. COUNTERPARTS

This Agreement may be executed in any number of counterparts, each of which shall constitute an original document, no other counterpart needing to be produced, and all of which when taken together shall constitute the same instrument.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers or agents on the day and year first above written.

CONSULTANT

BY: Mark A Land Digitally signed by Mark A. Land, P.E., CFM Date: 2022.10.31 10:20:09 -05'00'

Name: Mark A. Land, P.E., CFM

Title: Vice President

CITY OF GRIMES

BY: _____

Scott Mikkelsen, Mayor

ATTEST

Name: Rochelle Williams

Title: City Clerk

ATTACHMENT 1 – SCOPE OF SERVICES

IOWA HIGHWAY 44 TRAIL EXTENSION PROJECT

I. SCOPE OF WORK

A. GENERAL

The overall PROJECT is described below.

1. The PROJECT includes extending a 10' wide trail along the north side of W 1st Street (Iowa Highway 44) from NW Brookside Drive to the driveway entrance of Dallas Center-Grimes High School.

2. The PROJECT includes signal modifications at the intersection of W 1st Street and County Line Road.

3. Bid letting will be in March 2023 with construction completed prior to school starting in August of 2023.

B. BASIC ENGINEERING SERVICES

The Consultant shall provide the Basic Engineering Services as follows.

1. PROJECT ADMINISTRATION AND COORDINATION

   a. Monthly progress reports.

   b. Monthly billing reports.

   c. Project coordination for engineering with the City, Iowa DOT, school, and franchise utilities, as needed.

   d. Project coordination for three (3) project management team meetings between the Consultant and the City to review design, project schedule, cost opinions, concept plan, and the preliminary and check plans bid sets.

2. TOPOGRAPHIC SURVEY AND BASE DRAWINGS

   The Consultant shall provide topographic and utility survey for the proposed improvements. Approximate survey limits are shown on Attachment 4. This service includes:

a. Horizontal Datum will be provided using Iowa State Plane South.

b. Vertical Datum will be provided using NAVD 88.

c. Set a minimum of one permanent benchmark on site with description and elevation to the nearest 0.01 foot. Larger sites will require benchmarks at intervals not to exceed 1,000 feet horizontal or 25 feet vertical.

d. Spot elevations displayed to the nearest 0.01 feet to be included for shots and are to be shown on a separate CADD drawing level to view when applicable. An approximate 25-foot grid will be used to create the topography map along with other grade breaks such as tops, toes, drainage ways, tops, and bottoms of retaining walls, etc.

e. Contours shall be shown at 1-foot intervals.

f. A field survey locating visible improvements such as structures, parking, signs, sidewalks, and other visible features above grade will be shown. Below grade non-visible structures or improvements will be shown from information as provided by site owner and would be approximate. Below grade non-visible structures may require further investigation if potentially in conflict with proposed site improvements. Existing building structures shown are not intended for architectural design or civil site plan design. Specific information required for that purpose should be provided by a specific scope of services. However, this service can be provided upon request with additional fees.

g. The field survey will include features approximately 25' beyond the existing right-of-way.

h. Location of trees four (4) inches and greater caliper not lying within wooded areas. The drip line or perimeter outline of wooded/brush areas will be shown.

i. Provide known existing utility information based on record information, surface evidence, as-built drawings, and utility company field locates. This service includes contacting Iowa One Call, following Chapter 480 of the Iowa Code, to locate existing public utilities on the site, and performing a field survey locating visible utilities and the location of below grade utility locates by Iowa One Call. Private utility locates are not included with this service and if known will be shown as map location. Specific information required for that purpose should be provided by a specific scope of services. However, this service can be provided upon request with additional fees. This service of utilities shown in conjunction with ASCE Standard CI/ASCE 38-02 constitute a Quality Level "C" Subsurface Utility Engineering survey as outlined below.

Quality Level "C" involves surveying visible above-ground utility facilities, such as manholes, valve boxes, posts, etc., and correlating this information with existing utility records. When using this information, it is not unusual to find that many underground utilities have been either omitted or erroneously plotted. Its usefulness, therefore, should be confined to rural projects where utilities are not prevalent, or are not too expensive to repair or relocate.

The Consultant will contact the City if a known utility is not being located.

j. The Consultant will measure elevations above ground level of overhead utility lines through the intersection where in potential conflict with new signal mast arms.

k. Prior to performing topographic survey outside of the public right-of-way, the Consultant shall provide a Notice of Intent letter to the City for review. The Consultant shall submit the letter to the property owners with properties located along the corridor. This letter will provide information on the project and what to expect and do for the upcoming survey. Additionally, the letter will request property owners to locate their irrigation heads/lines and invisible fences along the edges of their property to be staked.

3. BOUNDARY SURVEY

Right Of Way Verification – The Consultant shall establish the existing right-of-way lines to facilitate design or concept needs and enable creation of said construction documents. This service includes researching the public records in the county courthouse to acquire the current recorded deeds, subdivision plats, recorded surveys, and section corner certificates; performing a field survey locating existing monuments for the best available evidence needed to re-establish the record boundary lines; and graphically show the boundary on the construction documents.

4. TRAIL DESIGN AND PLANS

The Consultant shall perform preliminary design work necessary to further define the project scope and order of magnitude construction costs for the PROJECT. The preliminary design and plans shall represent 40% completion of the PROJECT. The Consultant will submit an opinion of probable construction costs to the City with 10% construction contingency. The Consultant will submit both a concept plan and preliminary plans to the Iowa DOT for review and approval.

Upon receipt of concept plan and preliminary plan review comments from the City and Iowa DOT, the Consultant shall prepare and submit a Check Plan set to the City for review and comment. The Consultant will submit an opinion of probable construction costs to the City with 5% construction contingency.

Upon receipt of check plan review comments from the City, the Consultant will submit Bid Documents including standard City of Grimes front end documents to the City. The Consultant will submit an opinion of probable construction costs to the City with no construction contingency. Statements of probable construction costs prepared by the Consultant represent the best judgment as a design consultant familiar with the construction industry. The Consultant will submit final plans to the Iowa DOT for review and approval and will address any comments prior to bidding.

The final construction documents for the PROJECT shall include the following information:

a. Title sheet, general project notes, and typical sections and details (A & B Sheets).

b. Estimated construction quantities, estimate reference information, and pertinent quantity tabulations (C-Sheets).

c. Trail plan and profile sheets with horizontal and vertical profiles, roadway ditches, construction limits (D-Sheets).

d. Survey staking, benchmark information, survey control, and alignment data (G-Sheets).

e. Existing and proposed Right-of-Way information (H-Sheets).

f. Staging and traffic control plans, details, and notes (J-Sheets).

g. Traffic signal modifications (N-Sheets).

h. Erosion control and final surfacing plan (R-Sheets).

i. Horizontal and vertical geometry information for the proposed ADA sidewalk improvements (S-Sheets).

j. Earthwork tabulation sheets (T-Sheets).

k. Trail cross-sections (W-Sheets).

l. Model for stakeless grading for Contractor's use.

5. TRAFFIC SIGNAL MODIFICATION DESIGN AND PLANS

The Consultant will design traffic signal modifications for the IA 44 & County Line Rd intersection. Modifications are anticipated to include pedestrian accommodations on the north and west approaches and necessary wiring and timing modifications. The necessary plan sheets will be prepared to account for the signal modifications. The Consultant will prepare an application for traffic control device permit as required by the Iowa DOT for the signal modifications.

6. PERMIT FEES AND DIRECT EXPENSES

The Consultant will prepare and apply for any necessary permits required for the construction of the PROJECT, including Iowa DNR NPDES, Iowa DOT Traffic Signal, and Iowa DOT trails permit.

7. BID PHASE SERVICES

The Consultant shall perform the following services:

a. Bidding Documents. The PROJECT will be let by the City, and the Consultant shall supply the necessary Contract Documents for this process. The Consultant shall distribute the Contract Documents to potential bidders via upload to QuestCDN and paper copies when requested.

b. Advertising. The Consultant shall answer questions from potential contractors, subcontractors, and suppliers, and coordinate with the City during this phase of services.

c. Bidding. The Consultant shall attend the meetings at which bids are opened, tabulate the bids, and provide a recommendation to the City regarding award of the construction contract to the lowest qualified bidder.

C. ADDITIONAL SERVICES

Preliminary design will determine if the trail and grading limits can be constructed within the existing Right-of-Way. If it is determined that temporary construction easements, fee title, and/or permanent easements are needed for the Trail, then these services will be added by a separate Amendment to this Agreement.

D. CONSTRUCTION SERVICES

Construction services will be added by a separate Amendment to this Agreement.

ATTACHMENT 2 – SCHEDULE

IOWA HIGHWAY 44 TRAIL EXTENSION PROJECT

I. WORK SCHEDULE

This PROJECT shall be performed by the PROFESSIONAL in accordance with a schedule mutually developed by the CLIENT and the PROFESSIONAL. The milestone schedule is:

Notice to Proceed	November 8, 2022
Complete Topo and Boundary Survey	November 22, 2022
Submit Preliminary Plans	December 9, 2022
Project Management Team Meeting #1	December 13, 2022
Submit Check Plans	January 6, 2023
Project Management Team Meeting #2	January 13, 2023
Submit Final Plans	January 20, 2023
Council Set Dates	February 14, 2023
Bid Letting	March 7, 2023
Council Award Project	March 14, 2023
Construction	May 2023 – August 2023

ATTACHMENT 3 – SCHEDULE OF FEES

SNYDER & ASSOCIATES, INC.
2022-23
STANDARD FEE SCHEDULE

Billing Classification/Level	Billing Rate	
Professional		
Engineer, Landscape Architect, Land Surveyor, GIS, Environmental Scientist Project Manager, Planner, Right-of-Way Agent, Graphic Designer		
Principal II	$229.00	hour
Principal I	$217.00	hour
Senior	$198.00	hour
VIII	$181.00	hour
VII	$172.00	hour
VI	$163.00	hour
V	$152.00	hour
IV	$141.00	hour
III	$129.00	hour
II	$116.00	hour
I	$103.00	hour
Technical		
CADD, Survey, Construction Observation		
Lead	$138.00	hour
Senior	$132.00	hour
VIII	$123.00	hour
VII	$113.00	hour
VI	$102.00	hour
V	$92.00	hour
IV	$83.00	hour
III	$75.00	hour
II	$69.00	hour
I	$60.00	hour
Administrative		
II	$71.00	hour
I	$58.00	hour
Reimbursables		
Mileage	*current IRS standard rate*	
Outside Services	*As Invoiced*	

REIMBURSABLE EXPENSES

1. All materials and supplies used in the performance of work on this project will be billed at cost.
2. Auto mileage will be reimbursed per the current standard mileage reimbursement established by the Internal Revenue Service.
3. Charges for outside services such as soils and materials testing, fiscal, legal will be billed at their invoice.
4. All other direct expenses will be invoiced at cost.

10/31/2022
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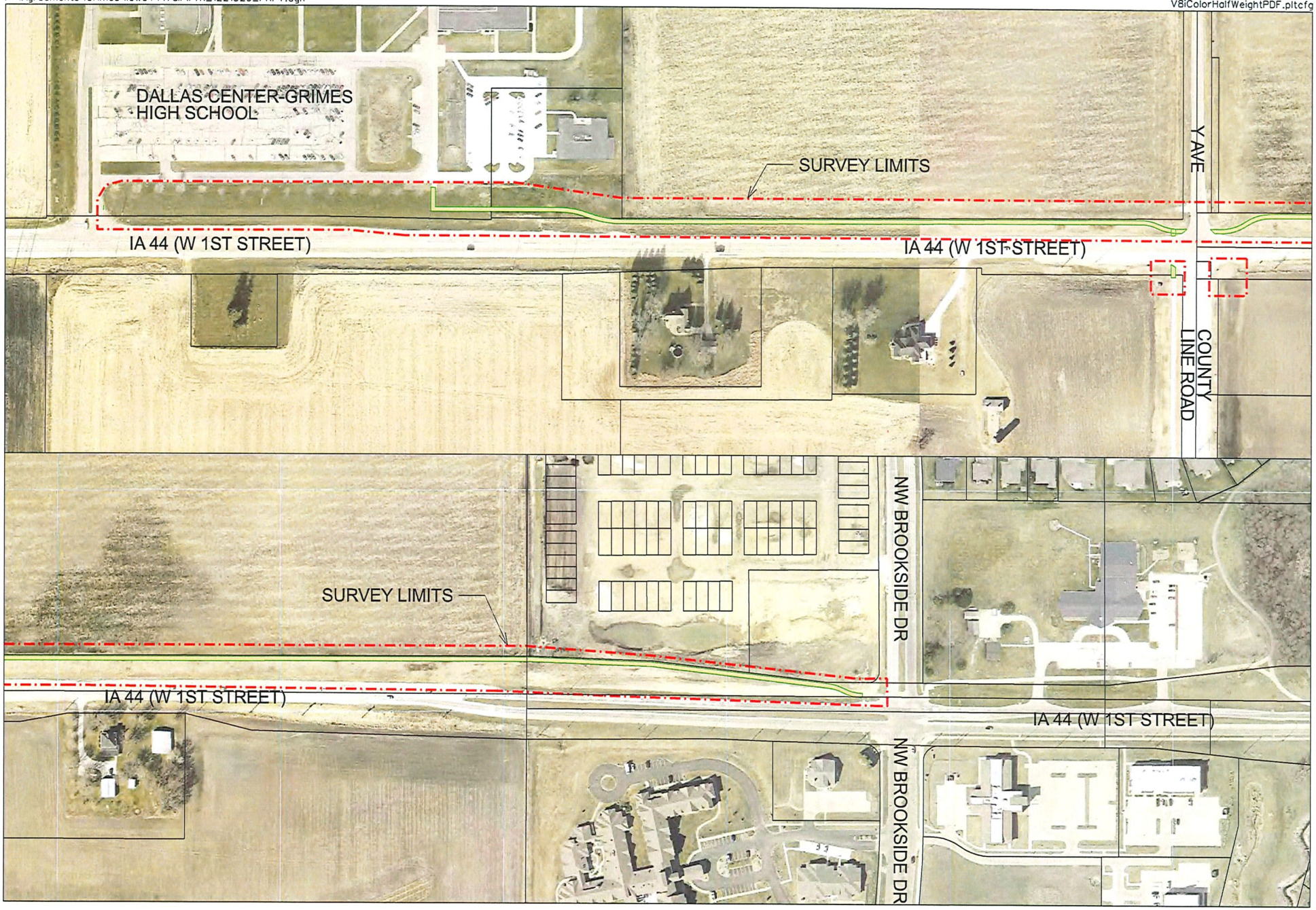

SNYDER & ASSOCIATES

0 150 300
FEET

N

PROJECT LIMITS

IOWA HIGHWAY 44 TRAIL EXTENSION PROJECT | 10/28/2022

CITY OF GRIMES

CITY COUNCIL COMMUNICATION
Meeting Date: MM/DD/20YY

AGENDA ITEM: Change Order #1 Forrest & Associates for New Grimes Public Library

BACKGROUND:

This change is necessary for the following reason:
During bidding a substitution request for a change to the stone type was received. The product data and photographs submitted as part of the request suggested that the change would be OK. Based on the information provided the substitution was accepted. Subsequently, the substituted stone was included as part of the winning bid.

When the actual stone sample was submitted for review as part of the submittal review process it was determined that the substitute stone would not have the durability needed. The sample was very porous and prone to flaking and chipping from simple handling. The architect was concerned that this stone would not hold up to the harsh Iowa winters and the stone was rejected.

A new stone was identified after a lengthy search that would meet the durability requirements, closely match the aesthetics, and would be as close in cost as possible to the original bid. The mason was very diligent in their search for a new stone that would provide the best value to the city. Samples were provided and were approved by both the architect, and library staff.

The cost increase is acceptable as the new stone would be a deviation from what was allowed at the time of bidding. The new stone is slightly more expensive that what was bid and there is a small cost for the mason to cancel their agreement with the original stone supplier.

BUDGETARY CONSIDERATIONS: Increasing contract $28,441.65

STRATEGIC PLANNING:
Prioritized ____YES _____NO

*High-Performing Organization/Exception Professional Services_____
*Great Place to Live/Expanded Quality of Life Amenities __X___
*Dynamic Town/Strong Sense of Community _____
*More Beautiful/Vibrant Community _____

BOARD/COMMISSION ACTION(S):

STAFF RECOMMENDATION:

Prepared by: Rochelle Williams – information provided by Invision and Weitz Company
Return to: Rochelle Williams

CHANGE ORDER FORM

CITY OF GRIMES

Project Title:	Grimes Public Library		
Contractor:	Forrest & Associates		
Address:	817 SW 9th Street, Des Moines, IA 50309		
Finance Budget Code:	350-410-6499	***Finance Project #***	0
Vendor Project or Invoice #:		***PO #***	0
Original Contract Date:	December 17, 2021	***Vendor #***	0

Change Order Number: 1

Change Order Date: November 1, 2022

Purpose of Change Order:

Change to Vetter Stone for limestone supplier for improved limestone performance.

Details of Change Order:

ITEM #	DESCRIPTION	UNITS	QUANTITY CHANGE	UNIT PRICE	EXTENDED PRICE
1					
2	Vetter Stone Limestone Veneer	LS	1.00	$ 28,441.65	$ 28,441.65
3					$ -
4					$ -
5					$ -
6					$ -
7					$ -
8					$ -
9					$ -
10					$ -
Change Order Number: 1 makes the following adjustments to the contract:					**$ 28,441.65**

Contractor Accepted: Forrest & Associates
Firm Name

Signature _____ Date _____

Engineer Approved: INVISION Architecture
Firm Name

Signature _____ Date 11.02.22

Owner Accepted: City of Grimes

Signature _____ Title _____

Date _____

Attest for Owner:

Signature _____ Title Grimes Rep · Christensen Development

Date 11.2.22

Record of Change Orders

#	Date	Amount
Original Contract Amount		$ 317,587.00
1	November 1, 2022	$ 28,441.65
2		
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Revised Contract Amount **$ 346,028.65**

Date Printed: 11/1/2022

PCO #003

THE WEITZ COMPANY, LLC
611 5th Avenue Suite 300
Des Moines, Iowa 50309
Phone: (515) 246-4700
Fax: (515) 246-4799

Project: X237400 - GRIMES PUBLIC LIBRARY
200 NE BEAVERBROOKE BLVD
GRIMES, Iowa 50111

Prime Contract Potential Change Order #003: CE #005 - Limestone Veneer

TO:	CITY OF GRIMES 110 NORTH HARVEY GRIMES Iowa, 50111	**FROM:**	WEITZ COMPANY-IOWA, THE 611 5TH AVE SUITE 300 DES MOINES Iowa, 50309
PCO NUMBER/REVISION:	003 / 0	**CONTRACT:**	1 - Dummy Prime Contract - PCCOs for Prime Changes
REQUEST RECEIVED FROM:		**CREATED BY:**	Stephanie Morrison **(WEITZ COMPANY-IOWA, THE)**
STATUS:	Pending - In Review	**CREATED DATE:**	10/26 /2022
REFERENCE:		**PRIME CONTRACT CHANGE ORDER:**	None
FIELD CHANGE:	No		
LOCATION:		**ACCOUNTING METHOD:**	Amount Based
SCHEDULE IMPACT:		**REVISED SUBSTANTIAL COMPLETION DATE:**	
		TOTAL AMOUNT:	$29,365.65

POTENTIAL CHANGE ORDER TITLE: CE #005 - Limestone Veneer

CHANGE REASON: Design Development

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
CE #005 - Limestone Veneer
Original limestone samples submitted were more porous than desired so other options were looked at.
9/14/22: Forrest: $28,013
Cost to switch to Vetter limestone includes buy-out cost to get out of original contract for the limestone veneer.
10/13/22: Requested cost breakdown from Forrest.
10/13/22: Forrest provided this cost breakdown:

- BIESANZ & 10% bid markup: $13,393.60 + buyout of BIESANZ contract agreement: ($1,200) = $12,193.60 credit to offer
- Contract with Vetter Stone and markup: $40,635.25
- Difference is Add of $28,441.65

ATTACHMENTS:

#	SubJob	Cost Code	Description	Type	Amount
1	GRIMES LIB PRIME CONTRACT VOL.	04-000400.2500 - BP #03 - Forrest & Associates	Switching to Vetter limestone	Commitment	$ 28,441.65
2	N/A		CO Fee - CM Services		$ 924.00
				Subtotal:	$29,365.65
				Grand Total:	**$29,365.65**

WEITZ

PCO #003

This change is necessary for the following reason:

During bidding a substitution request for a change to the stone type was received. The product data and photographs submitted as part of the request suggested that the change would be OK. Based on the information provided the substitution was accepted. Subsequently, the substituted stone was included as part of the winning bid.

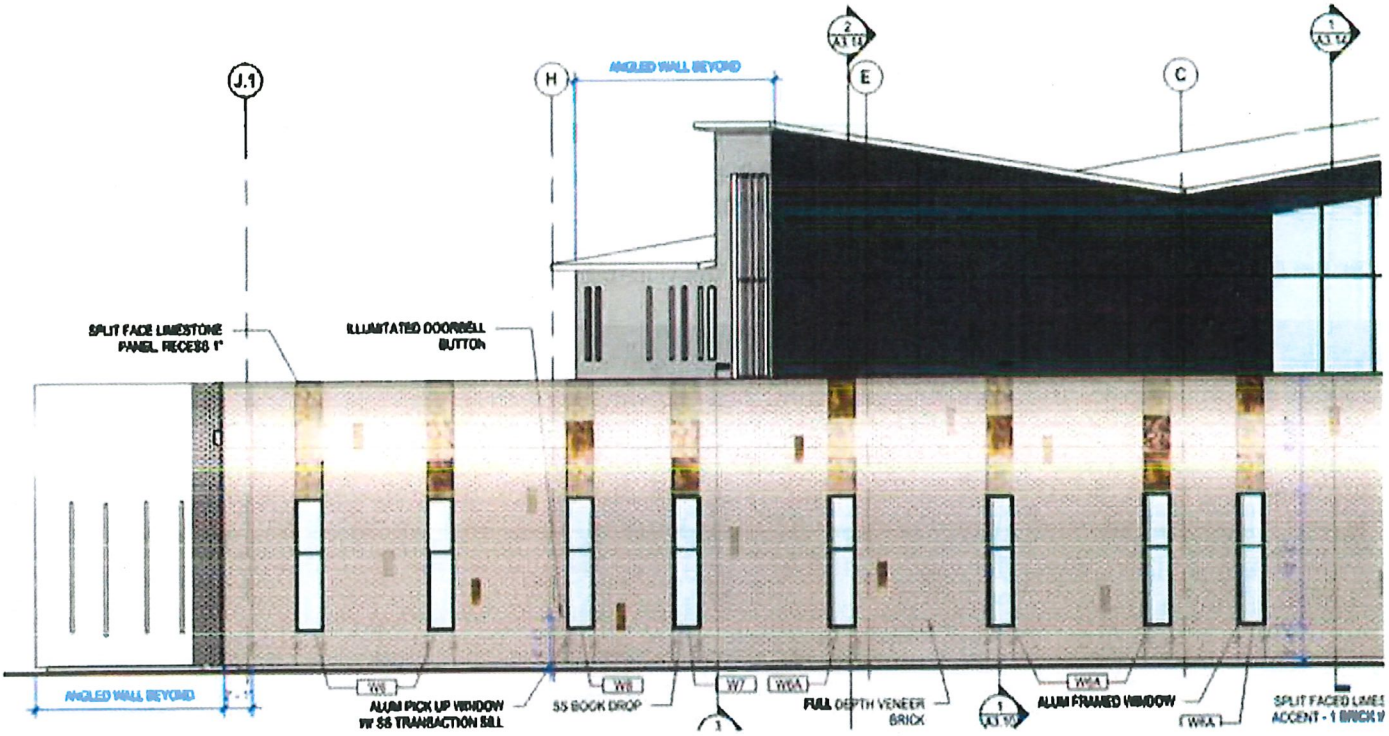
When the actual stone sample was submitted for review as part of the submittal review process it was determined that the substitute stone would not have the durability needed. The sample was very porous and prone to flaking and chipping from simple handling. The architect was concerned that this stone would not hold up to the harsh Iowa winters and the stone was rejected.

A new stone was identified after a lengthy search that would meet the durability requirements, closely match the aesthetics, and would be as close in cost as possible to the original bid. The mason was very diligent in their search for a new stone that would provide the best value to the city. Samples were provided and were approved by both the architect, and library staff.

The cost increase is acceptable as the new stone would be a deviation from what was allowed at the time of bidding. The new stone is slightly more expensive that what was bid and there is a small cost for the mason to cancel their agreement with the original stone supplier.

Authorization: The undersigned hereby directs the Contractor, to proceed as denoted above in the performance of the change at the amount and terms stated above. It is understood that the work described in this change proposal shall be incorporated, uncontested, in to the next formal Change Order.

Evan Shaw (INVISION ARCHITECTURE)	**CITY OF GRIMES**	**WEITZ COMPANY-IOWA, THE**
	110 NORTH HARVEY	611 5TH AVE SUITE 300
	GRIMES Iowa 50111	DES MOINES Iowa 50309
10.31.22		Stephanie Morrison 10/27/2022
SIGNATURE **DATE**	**SIGNATURE** **DATE**	**SIGNATURE** **DATE**



EVAN SHAW AIA LEEDAP BD+C
Associate, Architect
515.657.4728 Direct
515.554.3686 Cell
invisionarch.com

INVISION

invisionarch.com

CE 005

Stephanie Morrison

From: Rob van Heeswyk <rob@forrestassociate.com>
Sent: Thursday, October 13, 2022 1:44 PM
To: Stephanie Morrison
Cc: Emily Ford
Subject: RE: GPL stone

Steph,

Contract with BIESANZ & 10% bid mark- up - $13,393.60. Buy out Biesanz $1,200.00 = $12,193.60 credit

Contract with Vetter & 10% & 5% allowed mark-up - $40,635.25 minus credit $12,193.60 = $28,441.65

What else would you like?

Thanks

Rob Van Heeswyk
(P) 515-283-0497
(F) 515-283-0514

From: Stephanie Morrison <Stephanie.Morrison@weitz.com>
Sent: Thursday, October 13, 2022 1:18 PM
To: Rob van Heeswyk <rob@forrestassociate.com>
Cc: Emily Ford <Emily.Ford@weitz.com>
Subject: RE: GPL stone
Importance: High

Hi Rob,
Didn't realize I was holding up the show on this change event. Thought I had sent you an email requesting more breakdown on the $28K. Please let me know the "buy-out" cost to get out of your original agreement and show the credit/adds to go to Vetter. I need to be able to explain the $28K to the design team & City of Grimes.

Curious what the lead time is on this material or how you lock in the quantities that will be needed.
Thanks,
Steph

STEPHANIE MORRISON
Senior Project Manager

611 5th Avenue, Suite 300, Des Moines, IA 50309
o 515.246.4709 c 515.201.3766 e stephanie.morrison@weitz.com

WEITZ BUILD A BETTER WAY.

From: Rob van Heeswyk <rob@forrestassociate.com>
Sent: Wednesday, September 14, 2022 1:37 PM
To: Stephanie Morrison <Stephanie.Morrison@weitz.com>
Cc: Emily Ford <Emily.Ford@weitz.com>
Subject: RE: GPL stone

Steph,

Looks like the increase for the Vetter Stone will be in the area of $28,013.00.

Thanks

Rob Van Heeswyk
Forrest & Associate
(P) 515-283-0497
(F) 515-283-0514

From: Stephanie Morrison <Stephanie.Morrison@weitz.com>
Sent: Wednesday, August 31, 2022 3:23 PM
To: Rob van Heeswyk <rob@forrestassociate.com>
Cc: Emily Ford <Emily.Ford@weitz.com>
Subject: FW: GPL stone

Hi Rob,
Believe you and Emily spoke about this at a prime meeting but wanted you to see the response from the design team. Please confirm you are able to meet their expectations regarding the elevations.

Also please confirm where we are at with money on this issue if we move to this stone. You were going to see what it takes to get out of your current contract.
Thanks,
Steph

STEPHANIE MORRISON
Senior Project Manager

611 5th Avenue, Suite 300, Des Moines, IA 50309
o 515.246.4709 c 515.201.3766 stephanie.morrison@weitz.com

WEITZ BUILD A BETTER WAY.

From: Evan Shaw <Evans@invisionarch.com>
Sent: Friday, August 26, 2022 9:32 AM
To: Stephanie Morrison <Stephanie.Morrison@weitz.com>; Emily Ford <Emily.Ford@weitz.com>
Cc: Madeline Schmidt <madelines@invisionarch.com>
Subject: GPL stone

Steph, Emily:

We received the stone samples from Forrest. We are OK with this species and have also run this past Cheryl and she is OK as well.
We understand there will be color variation with this stone. If possible we would prefer stones on the lighter to mid-range of the spectrum, but we want to make sure the mason understands that regardless of what we get we expect the color variation to be evenly distributed along the elevation (see image for reference).

Can we get an official submittal in Procore so we can put this one to bed?

CITY OF GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

AGENDA MEMO

For Meeting of November 8th, 2022

AGENDA HEADING: Native Vegetation Enhancements in Storm Water Treatment Facilities – Redbud Landscaping, LLC, Change Order.

SYNOPSIS: A change order request has been made for the Native Vegetation Enhancements in Storm Water Treatment Facilities project. The purpose and details are as follows:

- Wattle Removal, Dispose, and Repair Native Seeding
  - Additional cleanup near NW Brookside Swales Basin that a home builder disturbed Includes removal of 1 broken wattle and disposal of all materials. Reseeding disturbed area with native area repair seed mixture.
- November 2020 – BFM Hydromulch & November 2021 Mowing
  - Removed from contract as unused items.

FISCAL IMPACT: The change order will decrease the total cost for the project by $6,060.00.

STAFF/COMMITTEE RECOMMENDATION: The staff has reviewed this Change Order and recommends approval by the City Council.

CHANGE ORDER FORM

CITY OF GRIMES

Project Title:	Native Vegetation Enhancements in Storm Water Treatment Facilities		
Contractor:	Redbud Landscaping, LLC		
Address:	1208 E 20th Court, Des Moines, IA 50317		
Finance Budget Code:	740-865-6499	***Finance Project #***	0
Vendor Project or Invoice #:	0	***PO #***	0
Original Contract Date:	August 11, 2020	***Vendor #***	3569

Change Order Number: 4

Change Order Date: November 8, 2022

Purpose of Change Order:

Removes unused line items from 2020 and 2021 and also adds cleanup of a new area in NW Brookside Swales basin that a home builder disturbed. Item #25 includes fall 2022 removal of (1) broken wattle and disposal of all material. Spring 2023 after grass is established removed and dispose of balance of wattles between builder's lawn seeding and basin native seeding. The disturbed area will be reseeded with native area repair seed mixture in November 2022.

Details of Change Order:

ITEM #	DESCRIPTION	UNITS	QUANTITY CHANGE	UNIT PRICE	EXTENDED PRICE
25	CO#4 - Wattles removal, dispose, and repair native seeding	LS	1.00	$ 850.00	$ 850.00
5	November 2020 - BFM Hydromulch	AC	(1.70)	$ 3,800.00	$ (6,460.00)
10	November 2021 - Mowing	AC	(1.80)	$ 250.00	$ (450.00)
					$ -
					$ -
					$ -
					$ -
					$ -
					$ -

Change Order Number: 4 makes the following adjustments to the contract: **$ (6,060.00)**

Contractor Accepted: Redbud Landscaping, LLC (Firm Name)

Signature 10/28/2022 Date

Engineer Approved: Nilles Associates, Inc. (Firm Name)

Signature 10/28/2022 Date

Owner Accepted: City of Grimes MSA 11-2-22

Signature Title

Date

Attest for Owner:

Signature Title

Date

Record of Change Orders

#	Date	Amount
Original Contract Amount		$ 19,201.50
1	September 8, 2020	$ 3,438.00
2	June 8, 2021	$ 10,390.00
3	July 28, 2022	$ 9,668.50
4	November 8, 2022	$ (6,060.00)
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Revised Contract Amount **$ 36,638.00**

Date Printed: 10/28/2022

PROFESSIONAL SERVICES

INVOICE

ALLENDER BUTZKE ENGINEERS INC.

TO: City of Grimes
101 NE Harvey Street
Grimes, IA 50111

PROJECT NO: 225136

INVOICE NO: 225136M3

PLEASE INCLUDE INVOICE NUMBER ON REMITTANCE ADVICE

RE: **Special Inspections Monthly Invoice**
Grimes Library
N James St & Beaverbrooke Blvd Grimes, Iowa

INVOICE DATE: 10/31/2022

Description of Services	Amount	Unit Price	Total
Technician III	21.5 hrs	$70.00 /Hour	$1,505.00
Technician III Overtime Rate	2.0 hrs	$105.00 /Hour	$210.00
Transportation Charges	182.0 miles	$0.84 /Mile	$152.88
Nuclear moisture/density gauge	10.0 tests	$16.00 /Test	$160.00
Engineering Review & Report Preparation	3.0 hrs	$165.00 /Hour	$495.00
Compressive Strength of Cylinder ASTM C39 (set of 3)	20.0 tests	$21.50 /Test	$430.00
Disposable cylinder molds	20.0 ea	$3.15 /Ea.	$63.00
Reinforcing Steel Inspection: 9/29/22 Compaction Testing: 10/12/22 Concrete Testing: 9/26/22, 9/27/22, 9/30/22, 10/1/22, 10/5/22, 10/6/22, 10/7/22, 10/8/22 10/10/22, 10/12/22, 10/13/22			
		Total Due	**$3,015.88**

REMIT TO: **ALLENDER BUTZKE ENGINEERS, INC.**
3660 109th Street
Urbandale, Iowa 50322
Phone No. 515-252-1885

Total invoice amount due upon receipt of invoice. Accounts not paid within 30 days after invoice date are subject to a 1 1/2% per month late charge.

PLEASE INCLUDE INVOICE NUMBER ON REMITTANCE ADVICE

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment, and you will not receive the check back from your financial institution.

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title: North Sports Complex Parking Lot Improvements
Contractor: MSA Professional Services, Inc.
Address: 1555 SE Delaware Avenue, Suite F Ankeny, IA 50021
Finance Budget Code: 347-431-6407 ***Finance Project #***
Vendor Project or Invoice #: ***PO #***
Original Contract Date: May 11, 2021 ***Vendor #*** 3134

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 11
PAYMENT PERIOD: From: June 28, 2022 Through: October 29, 2022

Contract Summary

Original Contract Amount:	$ 45,950.00			
Net change by Change Orders:	$ 33,930.00			
Contract Amount to Date: (line 1 ± 2)		$ 79,880.00		
Total completed and stored to date:	$ 79,880.00			
Retainage: 0 % of Completed Work:	$ -			
Total Earned less Retainage:		$ 79,880.00		
Less previous applications for payment:		$ 79,641.00		
SUBTOTAL			$	239.00
OTHER CHARGES (Attach an itemized list)			$	-
CURRENT PAYMENT DUE			$	239.00
Balance to finish, including retainage:		$ -		
Contract Time Remaining (If applicable)	- Working Days			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature Date

Engineer / Consultant Approval: MSA Professional Services, Inc.
Firm Name

Nichole Jungren 11/01/2022
Signature Date

City of Grimes Staff Approval: 11-2-22
Signature Date

City of Grimes Council Approval: Council - 11-8-22
Signature Date

Submit to: *Matt Ahrens, P.E. - City Engineer - Engineering Department*
E-mail: mahrens@grimesiowa.gov *Phone:* *(515) 986-4050* *Fax:* *(515) 986-4480*

Date Printed: 11/2/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	June 8, 2021	$ 2,350.00
2	July 13, 2021	$ 16,230.00
3	September 14, 2021	$ 19,385.00
4	September 28, 2021	$ 7,985.00
5	October 26, 2021	$ 18,038.40
6	November 23, 2021	$ 9,241.10
7	January 11, 2022	$ 5,007.50
8	February 8, 2022	$ 435.80
9	April 12, 2022	$ 551.30
10	June 14, 2022	$ 416.90
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Previous Applications for Payment

No.	Date	Amount
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TOTAL $ 79,641.00

Record of Change Orders

No.	Date	Amount
1	September 14, 2021	$ 30,930.00
2	October 26, 2021	$ 3,000.00
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TOTAL $ 33,930.00

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	May 11, 2021
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	-
Time Used to Date:	
Contract Time Remaining:	-

Date Printed: 11/2/2022

MSA™

Remit to:
MSA Professional Services, Inc.
1230 South Boulevard
Baraboo, WI 53913

INVOICE

PAYMENT DUE UPON RECEIPT OF INVOICE. INTEREST AT THE RATE OF 1.5% PER MONTH ON UNPAID BALANCE WILL BE ADDED TO YOUR NEXT STATEMENT.

For questions, contact: (800) 362-4505

City of Grimes
410 SE Main Street #102
Grimes, IA 50111

November 2, 2022
Invoice No: R09410010.0 - 7

00-50-203
Project Manager Nichole Sungren
Client Liaison Nichole Sungren

AMOUNT DUE THIS INVOICE: $239.00

Project R09410010.0 Grimes IA NS Parking Lot CRS

Professional Services from May 29, 2022 to October 29, 2022

Description	Contract Amount	Percent Complete	Amount Earned	Previous Invoices	This Invoice
Construction Admin	10,590.00	100.00	10,590.00	10,484.10	105.90
Construction Staking	8,150.00	100.00	8,150.00	8,150.00	0.00
Constr. Observation	11,070.00	100.00	11,070.00	10,959.30	110.70
Post Construction	1,120.00	100.00	1,120.00	1,097.60	22.40
Parking Lot Revisions	3,000.00	100.00	3,000.00	3,000.00	0.00
Total Fee	33,930.00		33,930.00	33,691.00	239.00

Total Fee 239.00

AMOUNT DUE THIS INVOICE: $239.00

For ACH notification, remit to:
ach@msa-ps.com
Account Number: 101065930 Routing Number: 075901590
Bank Information: Baraboo State Bank, 101 3rd Ave., PO Box 50., Baraboo, WI 53913, (608) 356-7703

MSA ENABLES PEOPLE TO POSITIVELY IMPACT THE LIVES OF OTHERS.

We are proud to be a 100% employee-owned firm.

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title: HIGHWAY 44 & SW COUNTY LINE ROAD INTERSECTION IMPROVEMENTS
Contractor: Bolton & Menk, Inc.
Address: 430 E Grand Ave, Suite 101 Des Moines, IA 50309
Finance Budget Code: 334-210-6407 **Finance Project #**
Vendor Project or Invoice #: 299860 **PO #**
Original Contract Date: October 22, 2019 **Vendor #** 2820

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 31
PAYMENT PERIOD: From: September 1, 2022 Through: September 30, 2022

Contract Summary

Original Contract Amount:	$ 286,000.00			
Net change by Change Orders:	$ 174,195.00			
Contract Amount to Date: (line 1 ± 2)		$ 460,195.00		
Total completed and stored to date:	$ 315,100.80			
Retainage: 0 % of Completed Work:	$ -			
Total Earned less Retainage:		$ 315,100.80		
Less previous applications for payment:		$ 309,794.80		
SUBTOTAL			$	5,306.00
OTHER CHARGES (Attach an itemized list)			$	-
CURRENT PAYMENT DUE			$	5,306.00
Balance to finish, including retainage:		$ 145,094.20		
Contract Time Remaining (If applicable)	- Working Days			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature Date

Engineer / Consultant Approval: Bolton & Menk, Inc.

Firm Name

Justin Ernst 11/01/2022

Signature Date

City of Grimes Staff Approval:

Signature 11-2-22

Date

City of Grimes Council Approval: Council - 11-8-22

Signature Date

Submit to: *Matt Ahrens, P.E. - City Engineer - Engineering Department*

E-mail: mahrens@grimesiowa.gov *Phone:* *(515) 986-4050* *Fax:* *(515) 986-4480*

Date Printed: 11/1/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount	BMI Invoice #
1	January 14, 2020	$ 1,730.00	0242868
2	February 11, 2020	$ 6,434.90	0244361
3	April 14, 2020	$ 1,627.00	0245964
4	April 14, 2020	$ 2,195.00	0246888
5	June 9, 2020	$ 7,097.50	0249839
6	July 14, 2020	$ 6,792.50	0251444
7	August 11, 2020	$ 11,325.00	0253004
8	September 8, 2020	$ 17,430.00	0254565
9	October 13, 2020	$ 4,815.00	0255930
10	November 10, 2020	$ 1,022.50	0257659
11	December 8, 2020	$ 2,969.50	0259408
12	January 12, 2021	$ 4,537.00	0260929
13	February 9, 2021	$ 2,785.00	0262389
14	March 9, 2021	$ 10,517.00	0263856
15	April 13, 2021	$ 10,831.50	0265171
16	May 11, 2021	$ 5,594.00	0266601
17	June 8, 2021	$ 30,291.00	0268401
18	July 13, 2021	$ 21,853.00	0269818
19	August 10, 2021	$ 10,243.50	0271701
20	September 28, 2021	$ 24,038.50	0273218
21	October 12, 2021	$ 19,020.20	0274927
22	November 9, 2021	$ 30,974.50	0277027
23	January 25, 2022	$ 24,122.70	65, 280133, 28
24	February 22, 2022	$ 7,235.00	
25	March 22, 2022	$ 8,550.50	0284263
26	April 26,2022	$ 11,792.50	0285839
27	May 10, 2022	$ 8,502.50	0287614
28	June 14, 2022	$ 3,309.00	290356
29	August 9, 2022	$ 4,483.50	0291348
30	October 11, 2022	$ 7,675.00	0299860
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Previous Applications for Payment

No.	Date	Amount
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TOTAL $ 309,794.80

Record of Change Orders

No.	Date	Amount
1	May 11, 2021	$ 174,195.00
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TOTAL $ 174,195.00

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	October 22, 2019
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	-
Time Used to Date:	
Contract Time Remaining:	-

Date Printed: 11/1/2022

INVOICE

BOLTON & MENK
Real People. Real Solutions.

Please Remit To: Bolton & Menk, Inc.
1960 Premier Drive | Mankato, MN 56001-5900
507-625-4171 | 507-625-4177 (fax)
Payment by Credit Card Available Online at www.Bolton-Menk.com
To Ensure Proper Credit, Provide Invoice Numbers with Payment

City of Grimes
101 NE Harvey Street
Grimes, IA 50111

October 24, 2022
Project No: A13.120005
Invoice No: 0299860
Client Account: GRIMES_CI_IA

Grimes/Highway 44 & SW Co Line Road

Highway 44 & SW County Line Road Intersection Improvements

Construction Services (002)
Professional Services

	Hours	Amount	
Design Engineer	10.00	1,220.00	
Project Engineer	6.50	988.00	
Survey Technician	2.50	332.00	
Project Manager	17.50	2,766.00	
Totals	36.50	5,306.00	
Total Labor			**5,306.00**
		Total this Task	**$5,306.00**
		Total this Invoice	**$5,306.00**

Notice: A finance charge of 1.5% per month (annual percentage of 18%) is charged on balances 30 days or over.

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title:	SE 19th Street Sanitary Sewer Extension		
Contractor:	Foth Infrastructure & Environment, LLC		
Address:	8191 Birchwood Court, Suite L, Johnston, IA 50131		
Finance Budget Code:	331-815-6407	***Finance Project #***	
Vendor Project or Invoice #:	22G009.00	***PO #***	
Original Contract Date:	February 22, 2022	***Vendor #***	2972

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 4

PAYMENT PERIOD: From: September 1, 2022 Through: September 30, 2022

Contract Summary

Original Contract Amount:	$ 124,200.00		
Net change by Change Orders:	$ -		
Contract Amount to Date: (line 1 ± 2)		$ 124,200.00	
Total completed and stored to date:	$ 76,135.67		
Retainage: 0 % of Completed Work:	$ -		
Total Earned less Retainage:		$ 76,135.67	
Less previous applications for payment:		$ 69,411.67	
SUBTOTAL			$ 6,724.00
OTHER CHARGES (Attach an itemized list)			
CURRENT PAYMENT DUE			$ 6,724.00
Balance to finish, including retainage:		$ 48,064.33	
Contract Time Remaining (If applicable)	- Working Days		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature Date

Engineer / Consultant Approval: Foth Infrastructure & Environment, LLC

Firm Name

John C. Dhm

Signature Date

City of Grimes Staff Approval:

Signature 11-2-22

Date

City of Grimes Council Approval: Council - 11-8-22

Signature Date

Submit to: *Matt Ahrens, P.E. - City Engineer - Engineering Department*

E-mail: mahrens@grimesiowa.gov *Phone:* *(515) 986-4050* *Fax:* *(515) 986-4480*

Date Printed: 10/19/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	April 26, 2022	$ 10,066.91
2	August 23, 2022	$ 49,409.76
3	September 27, 2022	$ 9,935.00
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Previous Applications for Payment

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TOTAL $ 69,411.67

Record of Change Orders

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TOTAL $ -

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	February 22, 2022
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	-
Time Used to Date:	
Contract Time Remaining:	-

Date Printed: 10/19/2022

Invoice

Foth

REMIT TO: Foth Infrastructure & Environment,LLC
P.O. Box 8418
Carol Stream, IL 60197-8418

NOTE: Communications concerning disputed debts, including an instrument tendered as full satisfaction of a disputed debt, are to be sent to Foth Infrastructure & Environment, LLC treasurer, 2121 Innovation Court, Suite 100, P.O. Box 5095, De Pere, WI 54115-5095

October 19, 2022
Project No: 0022G009.00
Invoice No: 80321

City of Grimes
City Hall
101 NE Harvey Street
Grimes, IA 50111

Invoice Total USD 6,724.00

Project 0022G009.00 SE 19th St. Sanitary Sewer Extension

Professional Services through September 30, 2022

Professional Personnel

	Hours	Rate	Amount	
Project Manager II	2.00	186.00	372.00	
Project Engineer II	8.00	158.00	1,264.00	
Staff Engineer II	7.50	130.00	975.00	
Technician VI	13.00	141.00	1,833.00	
Technician III	20.00	114.00	2,280.00	
Totals	50.50		6,724.00	
Total Labor				**6,724.00**

Billing Limits	**Current**	**Prior**	**To-Date**
Total Billings	6,724.00	69,411.67	76,135.67
Limit			124,200.00
Remaining			48,064.33

Total This Invoice USD 6,724.00

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title: 2021 Sanitary Sewer Collection System Study
Contractor: Foth Infrastructure & Environment, LLC
Address: 8191 Birchwood Court, Suite L, Johnston, IA 50131
Finance Budget Code: 353-815-6407 ***Finance Project #***
Vendor Project or Invoice #: 21G013.01 ***PO #***
Original Contract Date: April 27, 2021 ***Vendor #*** 2972

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 10

PAYMENT PERIOD: From: September 1, 2022 Through: September 30, 2022

Contract Summary

Original Contract Amount:	$ 214,965.00			
Net change by Change Orders:	$ 20,000.00			
Contract Amount to Date: (line 1 ± 2)		$ 234,965.00		
Total completed and stored to date:	$ 197,809.64			
Retainage: 0 % of Completed Work:	$ -			
Total Earned less Retainage:		$ 197,809.64		
Less previous applications for payment:		$ 196,244.64		
SUBTOTAL			$	1,565.00
OTHER CHARGES (Attach an itemized list)				
CURRENT PAYMENT DUE			$	1,565.00
Balance to finish, including retainage:		$ 37,155.36		
Contract Time Remaining (If applicable)	- Working Days			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature Date

Engineer / Consultant Approval: Foth Infrastructure & Environment, LLC

Firm Name

John C. Dohm

Signature Date

City of Grimes Staff Approval: Matt Ahrens 11-2-22

Signature Date

City of Grimes Council Approval: Council - 11-8-22

Signature Date

Submit to: *Matt Ahrens, P.E. - City Engineer - Engineering Department*

E-mail: mahrens@grimesiowa.gov *Phone:* *(515) 986-4050* *Fax:* *(515) 986-4480*

Date Printed: 10/19/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	July 27, 2021	$ 4,983.00
2	September 28, 2021	$ 19,600.50
3	October 26, 2021	$ 34,972.14
4	December 28, 2021	$ 41,799.85
5	February 8, 2022	$ 8,911.00
6	April 12, 2022	$ 40,897.00
7	April 26, 2022	$ 26,331.10
8	August 23, 2022	$ 3,666.25
9	September 27, 2022	$ 15,083.80
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Previous Applications for Payment

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TOTAL **$ 196,244.64**

Record of Change Orders

No.	Date	Amount
1	June 14, 2022	$ 20,000.00
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TOTAL **$ 20,000.00**

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	April 27, 2021
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	-
Time Used to Date:	
Contract Time Remaining:	-

Date Printed: 10/19/2022

Invoice

Foth

REMIT TO: Foth Infrastructure & Environment,LLC
P.O. Box 8418
Carol Stream, IL 60197-8418

NOTE: Communications concerning disputed debts, including an instrument tendered as full satisfaction of a disputed debt, are to be sent to Foth Infrastructure & Environment, LLC treasurer, 2121 Innovation Court, Suite 100, P.O. Box 5095, De Pere, WI 54115-5095

October 19, 2022
Project No: 0021G013.01
Invoice No: 80320

City of Grimes
City Hall
101 NE Harvey Street
Grimes, IA 50111

Invoice Total USD 1,565.00

Project 0021G013.01 2021 Sanitary Sewer Collection System Study

Professional Services through September 30, 2022

Professional Personnel

	Hours	Rate	Amount	
Project Manager IV	2.00	205.00	410.00	
Project Manager III	1.50	196.00	294.00	
Project Manager II	1.00	186.00	186.00	
Project Engineer III	3.00	169.00	507.00	
Administrative Assistant	2.80	60.00	168.00	
Totals	10.30		1,565.00	
Total Labor				**1,565.00**

Billing Limits	**Current**	**Prior**	**To-Date**	
Total Billings	1,565.00	196,244.64	197,809.64	
Limit			234,965.00	
Remaining			37,155.36	
		Total This Invoice		**USD 1,565.00**

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title:	SE 11th Street & S James St		
Contractor:	Foth Infrastructure & Environment, LLC		
Address:	8191 Birchwood Court, Suite L, Johnston, IA 50131		
Finance Budget Code:	369-210-6407	***Finance Project #***	
Vendor Project or Invoice #:	22G020.01	***PO #***	
Original Contract Date:	June 28, 2022	***Vendor #***	2972

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 2

PAYMENT PERIOD: From: September 1, 2022 Through: September 30, 2022

Contract Summary

Original Contract Amount:	$ 793,500.00		
Net change by Change Orders:	$ -		
Contract Amount to Date: (line 1 ± 2)		$ 793,500.00	
Total completed and stored to date:	$ 112,631.46		
Retainage: 0 % of Completed Work:	$ -		
Total Earned less Retainage:		$ 112,631.46	
Less previous applications for payment:		$ 49,535.72	
SUBTOTAL			$ 63,095.74
OTHER CHARGES (Attach an itemized list)			
CURRENT PAYMENT DUE			$ 63,095.74
Balance to finish, including retainage:		$ 680,868.54	
Contract Time Remaining (If applicable)	- Working Days		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature Date

Engineer / Consultant Approval: Foth Infrastructure & Environment, LLC

Firm Name

Signature 10/11/2022 Date

City of Grimes Staff Approval:

Signature 11-2-22 Date

City of Grimes Council Approval: Council - 11-8-22

Signature Date

Submit to: *Matt Ahrens, P.E. - City Engineer - Engineering Department*

E-mail: mahrens@grimesiowa.gov ***Phone:*** *(515) 986-4050* ***Fax:*** *(515) 986-4480*

Date Printed: 10/11/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	October 11, 2022	$ 49,535.72
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Previous Applications for Payment

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TOTAL $ 49,535.72

Record of Change Orders

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TOTAL $ -

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	June 28, 2022
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	-
Time Used to Date:	
Contract Time Remaining:	-

Date Printed: 10/11/2022

Invoice

REMIT TO: Foth Infrastructure & Environment,LLC
P.O. Box 8418
Carol Stream, IL 60197-8418

NOTE: Communications concerning disputed debts, including an instrument tendered as full satisfaction of a disputed debt, are to be sent to Foth Infrastructure & Environment, LLC treasurer, 2121 Innovation Court, Suite 100, P.O. Box 5095, De Pere, WI 54115-5095

October 7, 2022
Project No: 0022G020.01
Invoice No: 80120

City of Grimes
City Hall
101 NE Harvey Street
Grimes, IA 50111

Invoice Total USD 63,095.74

Project 0022G020.01 SE 11th Street & S James St
Finance Budget Code: 369-210-6407

Professional Services through September 30, 2022

Professional Personnel

	Hours	Rate	Amount	
Lead Project Engineer	14.80	196.00	2,900.80	
Project Engineer III	50.00	169.00	8,450.00	
Project Engineer I	.50	147.00	73.50	
Staff Engineer III	106.00	138.00	14,628.00	
Lead Technician	61.00	149.00	9,089.00	
Technician VI	25.00	141.00	3,525.00	
Technician V	4.00	137.00	548.00	
Technician IV	45.00	126.00	5,670.00	
Technician III	91.20	114.00	10,396.80	
Technician II	67.80	100.00	6,780.00	
Land Surveyor II	6.00	150.00	900.00	
Totals	471.30		62,961.10	
Total Labor				**62,961.10**

Expenses **134.64**

Billing Limits	**Current**	**Prior**	**To-Date**
Total Billings	63,095.74	49,535.72	112,631.46
Limit			793,500.00
Remaining			680,868.54

Total This Invoice **USD 63,095.74**

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title: SE Jacob St. Reconstruction and Storm Sewer
Contractor: MSA Professional Services, Inc.
Address: 1555 SE Delaware Avenue, Suite F Ankeny, IA 50021
Finance Budget Code: 366-210-6407 ***Finance Project #***
Vendor Project or Invoice #: ***PO #***
Original Contract Date: January 11, 2022 ***Vendor #*** 3134

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 4
PAYMENT PERIOD: From: August 7, 2022 Through: October 29, 2022

Contract Summary

Original Contract Amount:	$ 78,600.00			
Net change by Change Orders:	$ 113,190.00			
Contract Amount to Date: (line 1 ± 2)		$ 191,790.00		
Total completed and stored to date:	$ 138,710.70			
Retainage: 0 % of Completed Work:	$ -			
Total Earned less Retainage:		$ 138,710.70		
Less previous applications for payment:		$ 91,958.90		
SUBTOTAL			$	46,751.80
OTHER CHARGES (Attach an itemized list)			$	-
CURRENT PAYMENT DUE			$	46,751.80
Balance to finish, including retainage:		$ 53,079.30		
Contract Time Remaining (If applicable)	- Working Days			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature Date

Engineer / Consultant Approval: MSA Professional Services, Inc.
Firm Name

Nichole Jungren 11/1/2022
Signature Date

City of Grimes Staff Approval: Matt Ahrens 11-2-22
Signature Date

City of Grimes Council Approval: Council - 11-8-22
Signature Date

Submit to: *Matt Ahrens, P.E. - City Engineer - Engineering Department*
E-mail: mahrens@grimesiowa.gov *Phone:* *(515) 986-4050* *Fax:* *(515) 986-4480*

Date Printed: 11/2/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	April 12, 2022	$ 71,600.00
2	June 14, 2022	$ 7,000.00
3	August 23, 2022	$ 13,358.90
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Previous Applications for Payment

No.	Date	Amount
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TOTAL $ 91,958.90

Record of Change Orders

No.	Date	Amount
1	June 14, 2022	$ 113,190.00
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TOTAL $ 113,190.00

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	January 11, 2022
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	-
Time Used to Date:	
Contract Time Remaining:	-

Date Printed: 11/2/2022

MSA™

Remit to:
MSA Professional Services, Inc.
1230 South Boulevard
Baraboo, WI 53913

INVOICE

PAYMENT DUE UPON RECEIPT OF INVOICE. INTEREST AT THE RATE OF 1.5% PER MONTH ON UNPAID BALANCE WILL BE ADDED TO YOUR NEXT STATEMENT.

For questions, contact: (800) 362-4505

City of Grimes
410 SE Main Street #102
Grimes, IA 50111

November 2, 2022
Invoice No: R09410014.0 - 2

00-50-203
Project Manager Nichole Sungren
Client Liaison Nichole Sungren

AMOUNT DUE THIS INVOICE: $46,751.80

Project R09410014.0 Grimes IA Jacob St. Reconstruction CRS

Professional Services from August 7, 2022 to October 29, 2022

Description	Contract Amount	Percent Complete	Amount Earned	Previous Invoices	This Invoice
Construction Admin	17,920.00	53.00	9,497.60	5,734.40	3,763.20
Construction Staking	17,230.00	52.00	8,959.60	3,446.00	5,513.60
Post Construction	1,160.00	0.00	0.00	0.00	0.00
Neighborhood Mtg	1,930.00	100.00	1,930.00	1,930.00	0.00
Construction Observation	74,950.00	53.00	39,723.50	2,248.50	37,475.00
Total Fee	113,190.00		60,110.70	13,358.90	46,751.80

Total Fee **46,751.80**

AMOUNT DUE THIS INVOICE: $46,751.80

For ACH notification, remit to:
ach@msa-ps.com
Account Number: 101065930 Routing Number: 075901590
Bank Information: Baraboo State Bank, 101 3rd Ave., PO Box 50., Baraboo, WI 53913, (608) 356-7703

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title: SE Trail Ridge Road Reconstruction
Contractor: MSA Professional Services, Inc.
Address: 1555 SE Delaware Avenue, Suite F Ankeny, IA 50021
Finance Budget Code: 376-210-6407 ***Finance Project #***
Vendor Project or Invoice #: ***PO #***
Original Contract Date: September 13, 2022 ***Vendor #*** 3134

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 1
PAYMENT PERIOD: From: 09/13/2022 Through: 10/29/2022

Contract Summary

Original Contract Amount:	$ 96,000.00		
Net change by Change Orders:	$ -		
Contract Amount to Date: (line 1 ± 2)		$ 96,000.00	
Total completed and stored to date:	$ 59,930.00		
Retainage: 0 % of Completed Work:	$ -		
Total Earned less Retainage:		$ 59,930.00	
Less previous applications for payment:		$ -	
SUBTOTAL			$ 59,930.00
OTHER CHARGES (Attach an itemized list)			$ -
CURRENT PAYMENT DUE			$ 59,930.00
Balance to finish, including retainage:		$ 36,070.00	
Contract Time Remaining (If applicable)	- Working Days		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:
Firm Name
Signature Date

Engineer / Consultant Approval: MSA Professional Services, Inc.
Firm Name
Nichole Jungjohn 11/01/22
Signature Date

City of Grimes Staff Approval: Matt Ahrens 11-2-22
Signature Date

City of Grimes Council Approval: Council - 11-8-22
Signature Date

Submit to: *Matt Ahrens, P.E. - City Engineer - Engineering Department*
E-mail: mahrens@grimesiowa.gov *Phone:* *(515) 986-4050* *Fax:* *(515) 986-4480*

Date Printed: 11/2/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
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Previous Applications for Payment

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TOTAL $ -

Record of Change Orders

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TOTAL $ -

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	September 13, 2022
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	-
Time Used to Date:	
Contract Time Remaining:	-

Date Printed: 11/2/2022

MSA™

Remit to:
MSA Professional Services, Inc.
1230 South Boulevard
Baraboo, WI 53913

INVOICE

PAYMENT DUE UPON RECEIPT OF INVOICE. INTEREST AT THE RATE OF 1.5% PER MONTH ON UNPAID BALANCE WILL BE ADDED TO YOUR NEXT STATEMENT.

For questions, contact: (800) 362-4505

City of Grimes
410 SE Main Street #102
Grimes, IA 50111

November 2, 2022
Invoice No: R09410015.0 - 1

00-50-203
Project Manager Nichole Sungren
Client Liaison Nichole Sungren

AMOUNT DUE THIS INVOICE: $59,930.00

Project R09410015.0 Grimes IA SE Trail Ridge Road Reconstruction

Professional Services from September 13, 2022 to October 29, 2022

Phase 01 Lump Sum

Description	Contract Amount	Percent Complete	Amount Earned	Previous Invoices	This Invoice
Mapping/Utility Review	3,600.00	80.00	2,880.00	0.00	2,880.00
Preliminary Design	51,500.00	100.00	51,500.00	0.00	51,500.00
Final Design	23,500.00	0.00	0.00	0.00	0.00
Neighborhood Meeting	2,100.00	0.00	0.00	0.00	0.00
Bidding	4,200.00	0.00	0.00	0.00	0.00
Project Administration	11,100.00	50.00	5,550.00	0.00	5,550.00
Total Fee	96,000.00		59,930.00	0.00	59,930.00

Total Fee **59,930.00**

Total this Phase **$59,930.00**

AMOUNT DUE THIS INVOICE: $59,930.00

For ACH notification, remit to:
ach@msa-ps.com
Account Number: 101065930 Routing Number: 075901590
Bank Information: Baraboo State Bank, 101 3rd Ave., PO Box 50., Baraboo, WI 53913, (608) 356-7703

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title: SE Trail Ridge Road Water Main
Contractor: MSA Professional Services, Inc.
Address: 1555 SE Delaware Avenue, Suite F Ankeny, IA 50021
Finance Budget Code: 368-810-6407 ***Finance Project #***
Vendor Project or Invoice #: ***PO #***
Original Contract Date: January 25, 2022 ***Vendor #*** 3134

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 4
PAYMENT PERIOD: From: 08/07/2022 Through: 10/29/2022

Contract Summary

Original Contract Amount:	$ 32,150.00			
Net change by Change Orders:	$ 30,345.00			
Contract Amount to Date: (line 1 ± 2)		$ 62,495.00		
Total completed and stored to date:	$ 61,546.75			
Retainage: 0 % of Completed Work:	$ -			
Total Earned less Retainage:		$ 61,546.75		
Less previous applications for payment:		$ 51,569.75		
SUBTOTAL			$	9,977.00
OTHER CHARGES (Attach an itemized list)			$	-
CURRENT PAYMENT DUE			$	9,977.00
Balance to finish, including retainage:		$ 948.25		
Contract Time Remaining (If applicable)	-	Working Days		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature Date

Engineer / Consultant Approval: MSA Professional Services, Inc.
Firm Name

Nichole Jungjohn
Signature

11/01/22
Date

City of Grimes Staff Approval:

Matt Ahrens
Signature

11-2-22
Date

City of Grimes Council Approval:

Council - 11-8-22
Signature Date

Submit to: *Matt Ahrens, P.E. - City Engineer - Engineering Department*
E-mail: mahrens@grimesiowa.gov *Phone:* *(515) 986-4050* *Fax:* *(515) 986-4480*

Date Printed: 11/2/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	April 12, 2022	$ 22,120.00
2	June 14,2022	$ 10,030.00
3	August 23, 2022	$ 19,419.75
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Previous Applications for Payment

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TOTAL **$ 51,569.75**

Record of Change Orders

No.	Date	Amount
1	June 14, 2022	$ 30,345.00
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TOTAL **$ 30,345.00**

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	January 25, 2022
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	-
Time Used to Date:	
Contract Time Remaining:	-

Date Printed: 11/2/2022

MSA™

Remit to:
MSA Professional Services, Inc.
1230 South Boulevard
Baraboo, WI 53913

INVOICE

PAYMENT DUE UPON RECEIPT OF INVOICE. INTEREST AT THE RATE OF 1.5% PER MONTH ON UNPAID BALANCE WILL BE ADDED TO YOUR NEXT STATEMENT.

For questions, contact: (800) 362-4505

City of Grimes
410 SE Main Street #102
Grimes, IA 50111

November 2, 2022
Invoice No: R09410013.0 - 2

00-50-203
Project Manager Nichole Sungren
Client Liaison Nichole Sungren

AMOUNT DUE THIS INVOICE: $9,977.00

Project R09410013.0 Grimes IA Trail Ridge Water Main CRS

Professional Services from August 7, 2022 to October 29, 2022

Description	Contract Amount	Percent Complete	Amount Earned	Previous Invoices	This Invoice
Construction Admin	18,965.00	95.00	18,016.75	12,327.25	5,689.50
Construction Staking	8,250.00	100.00	8,250.00	5,362.50	2,887.50
Post Construction	1,400.00	100.00	1,400.00	0.00	1,400.00
Neighborhood Mtg	1,730.00	100.00	1,730.00	1,730.00	0.00
Total Fee	30,345.00		29,396.75	19,419.75	9,977.00

Total Fee 9,977.00

AMOUNT DUE THIS INVOICE: $9,977.00

For ACH notification, remit to:
ach@msa-ps.com
Account Number: 101065930 Routing Number: 075901590
Bank Information: Baraboo State Bank, 101 3rd Ave., PO Box 50., Baraboo, WI 53913, (608) 356-7703

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title: WRA Connector
Contractor: Veenstra & Kimm, Inc.
Address: 3000 Westown Parkway, West Des Moines, IA 50266
Finance Budget Code: 328-815-6407 **Finance Project #**
Vendor Project or Invoice #: **PO #**
Original Contract Date: February 26, 2019 **Vendor #** 2157

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 47
PAYMENT PERIOD: From: September 18, 2022 Through: October 15, 2022

Contract Summary

Original Contract Amount:	$ 882,000.00		
Net change by Change Orders:	$ 626,000.00		
Contract Amount to Date: (line 1 ± 2)		$ 1,508,000.00	
Total completed and stored to date:	$ 984,792.77		
Retainage: 0 % of Completed Work:	$ -		
Total Earned less Retainage:		$ 984,792.77	
Less previous applications for payment:		$ 925,565.26	
SUBTOTAL			$ 59,227.51
OTHER CHARGES (Attach an itemized list)			$ -
CURRENT PAYMENT DUE			$ 59,227.51
Balance to finish, including retainage:		$ 523,207.23	
Contract Time Remaining (If applicable)	- Working Days		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:
Firm Name
Signature Date

Engineer / Consultant Approval: Veenstra & Kimm, Inc.
Firm Name
Signature 10/25/2022 Date

City of Grimes Staff Approval:
Signature 11-2-22 Date

City of Grimes Council Approval: Council - 11-8-22
Signature Date

Submit to: Matt Ahrens, P.E. - City Engineer - Engineering Department
E-mail: mahrens@grimesiowa.gov *Phone:* (515) 986-4050 *Fax:* (515) 986-4480

Date Printed: 10/25/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	April 9, 2019	$ 3,410.10
2	May 14, 2019	$ 3,784.00
3	June 11, 2019	$ 3,084.78
4	July 9, 2019	$ 4,757.29
5	August 13, 2019	$ 1,845.40
6	September 10, 2019	$ 228.91
7	October 8, 2019	$ 877.32
8	November 12, 2019	$ 4,026.12
9	December 9, 2019	$ 9,595.24
10	January 14, 2020	$ 4,855.90
11	February 11, 2020	$ 2,699.94
12	March 10, 2020	$ 1,328.45
13	April 14, 2020	$ 1,506.55
14	February 11, 2020	$ 24,359.53
15	March 10, 2020	$ 10,500.50
16	April 14, 2020	$ 5,165.23
17	May 12, 2020	$ 11,490.30
18	June 9, 2020	$ 6,605.10
19	July 14, 2020	$ 57,078.16
20	August 11, 2020	$ 36,812.00
21	September 22, 2020	$ 45,013.14
22	October 13, 2020	$ 32,958.72
23	November 10, 2020	$ 28,597.90
24	December 22, 2020	$ 11,743.35
25	January 12, 2021	$ 5,444.50
26	February 9, 2021	$ 27,474.28
27	March 9, 2021	$ 11,301.96
28	April 27, 2021	$ 15,104.50
29	May 11, 2021	$ 9,751.90
30	June 8, 2021	$ 17,322.10
31	July 13, 2021	$ 19,548.00
32	August 10, 2021	$ 5,586.82
33	September 14, 2021	$ 11,200.40
34	October 12, 2021	$ 12,977.06
35	November 9, 2021	$ 27,432.50

Previous Applications for Payment

No.	Date	Amount
36	December 14, 2021	$ 10,413.05
37	January 11, 2022	$ 70,000.00
38	February 8, 2022	$ 18,414.00
39	March 8, 2022	$ 13,086.08
40	April 12, 2022	$ 27,388.60
41	May 10, 2022	$ 33,571.24
42	June 14, 2022	$ 39,108.44
43	July 12, 2022	$ 37,507.11
44	August 9, 2022	$ 47,079.48
45	September 13, 2022	$ 82,131.55
46	October 11, 2022	$ 71,397.76
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TOTAL **$ 925,565.26**

Record of Change Orders

No.	Date	Amount
1	September 22, 2020	$ -
2	October 27, 2020	$ 66,000.00
3	December 14, 2021	$ 560,000.00
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TOTAL **$ 626,000.00**

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	February 26, 2019
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	-
Time Used to Date:	
Contract Time Remaining:	-

Date Printed: 10/25/2022

VEENSTRA & KIMM INC.

STATEMENT OF PROFESSIONAL SERVICES

City of Grimes
Attn: Matt Ahrens
101 NE Harvey
Grimes, IA 50111

October 21, 2022
Project No: 128108
Invoice No: 10

Project Manager H. Veenstra

Engineering services for WRA Connector - Phase 2 - Construction Engineering Services:

Professional Services from September 18, 2022 to October 15, 2022

Professional Personnel

	Hours	Rate	Amount	
Management I	2.00	199.00	398.00	
Clerical II	4.50	76.00	342.00	
Clerical III	2.00	65.00	130.00	
Process Engineer I	12.00	215.00	2,580.00	
Engineer I-C	5.00	179.00	895.00	
Engineer III-A	2.50	144.00	360.00	
Drafter II	8.00	100.00	800.00	
Construction Engineer II	79.00	121.00	9,559.00	
Construction Engineer III	3.50	108.00	378.00	
Technician I	95.00	101.00	9,595.00	
Technician III	184.50	84.00	15,498.00	
Technician IV	97.50	81.00	7,897.50	
Technician VI	89.50	70.00	6,265.00	
Totals	585.00		54,697.50	
Total Labor				**54,697.50**

Unit Billing

Mileage	351.25	
Mileage	1,504.38	
Mileage	14.38	
Robotics	1,330.00	
GPS	1,330.00	
Total Units	**4,530.01**	**4,530.01**

Billing Limits	**Current**	**Prior**	**To-Date**
Total Billings	59,227.51	352,565.26	411,792.77
Limit			900,000.00
Remaining			488,207.23

Total this Invoice **$59,227.51**

Billings to Date

	Current	Prior	Total
Labor	54,697.50	334,472.00	389,169.50

Project	128108	WRA Connector - Phase 2 - CS			Invoice	10
Expense		0.00	3,078.83	3,078.83		
Unit		4,530.01	15,014.43	19,544.44		
Totals		**59,227.51**	**352,565.26**	**411,792.77**		

Christensen Development 1, LLC
215 East 3rd Street, Suite 300
Des Moines, IA 50309 US
quickbooks@bergankdv.com

Invoice

BILL TO
City of Grimes
Attn: Jake Anderson
410 SE Main
Grimes, IA 50111

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
1322	11/01/2022	$10,000.00	12/01/2022	Net 30	

SERVICE	DESCRIPTION	QTY	RATE	AMOUNT
Consulting	October 2022	1	10,000.00	10,000.00

BALANCE DUE **$10,000.00**

DORSEY
DORSEY & WHITNEY LLP

DES MOINES OFFICE
515-283-1000

(Tax Identification No. 41-0223337)

STATEMENT OF ACCOUNT FOR PROFESSIONAL SERVICES

City of Grimes, Iowa
Attn: Rochell Williams, City Clerk
101 NE Harvey Street
Grimes, IA 50111

October 19, 2022
Invoice Number 3824575

Client-Matter No.: 419952-00085
General Obligation Bonds, Series 2022-Bond Counsel

For Legal Services Rendered Through September 30, 2022

INVOICE TOTAL

Total For Current Legal Fees	PAID	$15,000.00
Total Due This Invoice		**$15,000.00**

365430-6490

MW

For your convenience, please remit payment to the address below or we offer the option of remitting payment electronically by wire transfer. If you have any questions regarding this information, please contact the lawyer you are working with on this project or Dorsey's Accounts Receivable Department at 1-800-861-0760. Thank you.

Mailing Instructions:
Dorsey & Whitney LLP
P.O. Box 1680
Minneapolis, MN 55480-1680

Wire Instructions:
U.S. Bank National Association
800 Nicollet Mall
Minneapolis, MN 55402

(This account is only for Wire/ACH payments)
ABA Routing Number: 091000022
Account Number: 1047-8339-8282
Swift Code: USBKUS44IMT

Please make reference to the invoice number

Service charges are based on rates established by Dorsey & Whitney. A schedule of those rates has been provided and is available upon request. Disbursements and service charges, which either have not been received or processed, will appear on a later statement.

ALL INVOICES ARE DUE 30 DAYS FROM DATE OF INVOICE UNLESS OTHERWISE EXPRESSLY AGREED BY DORSEY & WHITNEY

DORSEY
DORSEY & WHITNEY LLP

DES MOINES OFFICE
515-283-1000

(Tax Identification No. 41-0223337)

STATEMENT OF ACCOUNT FOR PROFESSIONAL SERVICES

City of Grimes, Iowa
Attn: Rochell Williams, City Clerk
101 NE Harvey Street
Grimes, IA 50111

October 19, 2022
Invoice Number 3824532

Client-Matter No.: 419952-00087
GO Corporate Purpose Bonds, Series 2022A-Disclosure Counsel

For Legal Services Rendered Through September 30, 2022

INVOICE TOTAL

Total For Current Legal Fees	$10,000.00
Total Due This Invoice	**$10,000.00**

PAID

#365-430-6490

MW

For your convenience, please remit payment to the address below or we offer the option of remitting payment electronically by wire transfer. If you have any questions regarding this information, please contact the lawyer you are working with on this project or Dorsey's Accounts Receivable Department at 1-800-861-0760. Thank you.

Mailing Instructions:
Dorsey & Whitney LLP
P.O. Box 1680
Minneapolis, MN 55480-1680

Wire Instructions:
U.S. Bank National Association
800 Nicollet Mall
Minneapolis, MN 55402

(This account is only for Wire/ACH payments)
ABA Routing Number: 091000022
Account Number: 1047-8339-8282
Swift Code: USBKUS44IMT

Please make reference to the invoice number

Service charges are based on rates established by Dorsey & Whitney. A schedule of those rates has been provided and is available upon request. Disbursements and service charges, which either have not been received or processed, will appear on a later statement.

ALL INVOICES ARE DUE 30 DAYS FROM DATE OF INVOICE UNLESS OTHERWISE EXPRESSLY AGREED BY DORSEY & WHITNEY

Sports Facilities Development
600 Cleveland St Ste 910
Clearwater, FL 33755 US
+1 7274743845
ar@sportsfacilities.com
http://www.sportsfacilities.com

THE SPORTS FACILITIES COMPANIES

INVOICE

BILL TO
City of Grimes, IA
101 NE Harvey Street
Grimes, IA 50111

INVOICE # 10864
DATE 11/02/2022
DUE DATE 11/02/2022
TERMS Due on receipt

CLIENT NUMBER
21095

ACTIVITY	QTY	RATE	AMOUNT
Services Agreement between Sports Facilities Development, LLC and City of Grimes, IA signed July 12, 2022 $440,000+Reimbursable Travel Expenses (if applicable) Scope of Services: Phase 1: Conceptual Design and Pre-Design Phase Phase 2: Design Phase 3: Procurement Phase 4: Construction Phase 5: Post Construction			
Procurement/FF&E Services Payment 5 of 15 ($29,333) - Owner's Rep Services	1	29,333.00	29,333.00

We appreciate your business. For your convenience, we can accept payment via credit card. All credit card payments are subject to a 3% transaction fee. Please contact us at ap@sportadvisory.com if you wish to pay by credit card.

BALANCE DUE **$29,333.00**

Sports Facilities Development
600 Cleveland St Ste 910
Clearwater, FL 33755 US
+1 7274743845
ar@sportsfacilities.com
http://www.sportsfacilities.com

THE SPORTS FACILITIES COMPANIES

INVOICE

BILL TO
City of Grimes, IA
101 NE Harvey Street
Grimes, IA 50111

INVOICE # 10863
DATE 11/02/2022
DUE DATE 11/02/2022
TERMS Due on receipt

CLIENT NUMBER
21095

ACTIVITY	QTY	RATE	AMOUNT
Services Agreement between Sports Facilities Advisory, LLC and City of Grimes, IA signed May 24, 2022			
$120,000+Reimbursable Travel Expenses (if applicable) Exhibit A: Step 1: Facility Development Planning Session Step 2: Project & Process Managament			
Procurement/FF&E Services Payment 4 ($20,000): Planning & Design	1	20,000.00	20,000.00

We appreciate your business. For your convenience, we can accept payment via credit card. All credit card payments are subject to a 3% transaction fee. Please contact us at ap@sportadvisory.com if you wish to pay by credit card.

BALANCE DUE **$20,000.00**

PAY REQUESTS

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title: Native Vegetation Enhancements in Storm Water Treatment Facilities
Contractor: Redbud Landscaping, LLC
Address: 1208 E 20th Court, Des Moines, IA 50317
Finance Budget Code: 740-865-6499 **Finance Project #**
Vendor Project or Invoice #: **PO #**
Original Contract Date: August 11, 2020 **Vendor #** 3569

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 9
PAYMENT PERIOD: From: September 19, 2022 Through: October 24, 2022

Contract Summary

Original Contract Amount:	$ 19,201.50		
Net change by Change Orders:	$ 17,436.50		
Contract Amount to Date: (line 1 ± 2)		$ 36,638.00	
Total completed and stored to date:	$ 28,069.50		
Retainage: 5 % of Completed Work:	$ 1,403.48		
Total Earned less Retainage:		$ 26,666.03	
Less previous applications for payment:		$ 24,670.55	
SUBTOTAL			$ 1,995.48
OTHER CHARGES (Attach an itemized list)			$ -
CURRENT PAYMENT DUE			$ 1,995.48
Balance to finish, including retainage:		$ 9,971.98	
Contract Time Remaining (If applicable)	- #		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: Redbud Landscaping, LLC (Firm Name)
Signature — Date: 10/28/2022

Engineer / Consultant Approval: Nilles Associates, Inc. (Firm Name)
Signature — Date: 10/28/2022

City of Grimes Staff Approval:
Signature — Date: 11-2-22

City of Grimes Council Approval: Council - 11-8-22
Signature — Date

Submit to: Matt Ahrens, P.E. - City Engineer - Engineering Department
E-mail: mahrens@grimesiowa.gov *Phone:* (515) 986-4050 *Fax:* (515) 986-4480

Date Printed: 10/28/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CONTRACT PRICE DETAIL

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	QUANTITY COMPLETE	VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
1	August 2020 - Mowing	AC	1.70		1.70	$ 370.00	$ 629.00	1.70	$ 629.00	-	100.00%
2	September 2020 - Herbicide	AC	3.80	0.20	4.00	$ 350.00	$ 1,400.00	4.00	$ 1,400.00	-	100.00%
3	October 2020 - Herbicide	AC	1.70	0.20	1.90	$ 125.00	$ 237.50	1.90	$ 237.50	-	100.00%
4	November 2020 - Native Seeding	AC	1.70	0.10	1.80	$ 2,900.00	$ 5,220.00	1.80	$ 5,220.00	-	100.00%
5	November 2020 - BFM Hydromulch	AC	1.60	(1.60)	-	$ 3,800.00	$ -		$ -	-	0.00%
6	November 2020 - Rolled Erosion Control Product	SY	400.00		400.00	$ 2.95	$ 1,180.00	400.00	$ 1,180.00	-	100.00%
7	May 2021 - Mowing	AC	1.70	0.10	1.80	$ 250.00	$ 450.00	1.80	$ 450.00	-	100.00%
8	June 2021 - Herbicide	AC	3.80	0.20	4.00	$ 350.00	$ 1,400.00	4.00	$ 1,400.00	-	100.00%
9	September 2021 - Herbicide	AC	3.80	0.20	4.00	$ 350.00	$ 1,400.00	4.00	$ 1,400.00	-	100.00%
10	November 2021 - Mowing	AC	1.70	(1.70)	-	$ 250.00	$ -		$ -	-	0.00%
11	CO#1 - September 2020 - Mowing	AC		1.80	1.80	$ 370.00	$ 666.00	1.80	$ 666.00	-	100.00%
12	CO#1-Conventional Seeding - Type 1 Lawn	AC		0.20	0.20	$ 7,285.00	$ 1,457.00	0.20	$ 1,457.00	-	100.00%
13	CO#1-Repair Seeding - Mesic Mix	AC		0.10	0.10	$ 2,900.00	$ 290.00	0.10	$ 290.00	-	100.00%
14	CO#2 - Preparation and Mesic Mix Seeding	AC		2.00	2.00	$ 4,595.00	$ 9,190.00	2.00	$ 9,190.00	-	100.00%
15	CO#2 - May 2022 - Mowing	AC		2.00	2.00	$ 250.00	$ 500.00		$ -	2.00	0.00%
16	CO#2 - June 2022 - Herbicide	AC	3.80	2.20	6.00	$ 350.00	$ 2,100.00	4.80	$ 1,680.00	1.20	80.00%
17	CO#3 - Systemic Herbicide - July 2022 - Autumn Park, NW 8th - 2x	AC		1.40	1.40	$ 700.00	$ 980.00	0.70	$ 490.00	0.70	50.00%
18	CO#3 - Mowing - July 2022 - NE Little Beaver Drive Basin	AC		0.80	0.80	$ 350.00	$ 280.00	0.80	$ 280.00	-	100.00%
19	CO#3 - Spot Herbicide - August 2022 - All areas	AC		6.00	6.00	$ 350.00	$ 2,100.00	6.00	$ 2,100.00	-	100.00%
20	CO#3 - Mowing - September 2022 - NE Little Beaver Drive Basin	AC		0.80	0.80	$ 350.00	$ 280.00		$ -	0.80	0.00%
21	CO#3 - Repair Native Seeding - Sept 2022 - NW Brookside, Gabus	AC		0.50	0.50	$ 2,900.00	$ 1,450.00		$ -	0.50	0.00%
22	CO#3 - Mowing - July 2023 - Autumn Pk, NW 8th, NE Little Beaver	AC		3.50	3.50	$ 351.00	$ 1,228.50		$ -	3.50	0.00%
23	CO#3 - Mowing - Sept 2023 - Autumn Pk, NW 8th, NE Little Beaver	AC		3.50	3.50	$ 352.00	$ 1,232.00		$ -	3.50	0.00%
24	CO#3 - Spot Herbicide - October 2023 - All areas	AC		6.00	6.00	$ 353.00	$ 2,118.00		$ -	6.00	0.00%
25	CO#4 - Wattles removal, dispose of materials, and repair native seeding	LS		1.00	1.00	$ 850.00	$ 850.00		$ -	1.00	0.00%
	TOTAL CONTRACT AND VALUE OF WORK COMPLETED TO DATE						$ 36,638.00		$ 28,069.50		76.61%

Date printed: 10/28/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	September 8, 2020	$ 597.55
2	October 27, 2020	$ 2,188.33
3	February 9, 2021	$ 7,739.65
4	June 22, 2021	$ 427.50
5	August 10, 2021	$ 1,329.52
6	October 12, 2021	$ 10,060.98
7	August 23, 2022	$ 1,596.00
8	September 27, 2022	$ 731.02
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Previous Applications for Payment

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TOTAL **$ 24,670.55**

Record of Change Orders

No.	Date	Amount
1	September 8, 2020	$ 3,438.00
2	June 8, 2021	$ 10,390.00
3	June 28, 2022	$ 9,668.50
4	November 8, 2022	$ (6,060.00)
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TOTAL **$ 17,436.50**

Contract Time Remaining

Contract Period:	
Original Contract Date:	August 12, 2020
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	
Time Used to Date:	
Contract Time Remaining:	

Date Printed: 10/28/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title: WRA Grimes Connector - Contract 4
Contractor: Shank Constructors, Inc.
Address: 3501 85th Avenue North, Brooklyn Park, MN 55443
Finance Budget Code: 364-815-6499 **Finance Project #**
Vendor Project or Invoice #: **PO #**
Original Contract Date: January 25, 2022 **Vendor #** 2926

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 8

PAYMENT PERIOD: From: October 1, 2022 Through: October 31, 2022

Contract Summary

Original Contract Amount:	$ 8,068,100.00		
Net change by Change Orders:	$ -		
Contract Amount to Date: (line 1 ± 2)		$ 8,068,100.00	
Total completed and stored to date:	$ 4,099,690.64		
Retainage: 5 % of Completed Work:	$ 204,984.53		
Total Earned less Retainage:		$ 3,894,706.11	
Less previous applications for payment:		$ 3,642,123.35	
SUBTOTAL			$ 252,582.76
OTHER CHARGES (Attach an itemized list)			$ -
CURRENT PAYMENT DUE			$ 252,582.76
Balance to finish, including retainage:		$ 4,173,393.89	
Contract Time Remaining (If applicable)	304.00 Working Days		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: Shank Constructors, Inc. (Firm Name)
Signature — Date: 11.1.2022

Engineer / Consultant Approval: Veenstra & Kimm,Inc. (Firm Name)
Signature — Date: 11-1-22

City of Grimes Staff Approval: Matt Ahrens
Signature — Date: 11-2-22

City of Grimes Council Approval: Council - 11-8-22
Signature — Date

Submit to: Matt Ahrens, P.E. - City Engineer - Engineering Department
E-mail: mahrens@grimesiowa.gov *Phone:* (515) 986-4050 *Fax:* (515) 986-4480

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CONTRACT PRICE DETAIL

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	QUANTITY COMPLETE	VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
1	Mobilization	LS	1.00		1.00	$285,000.00	$ 285,000.00	100%	$ 285,000.00	0%	100.00%
2	Site Demolition	LS	1.00		1.00	$115,000.00	$ 115,000.00	95%	$ 109,250.00	5%	95.00%
3	Earth Retention	LS	1.00		1.00	$ 1,921,503.00	$ 1,921,503.00	98%	$ 1,883,072.94	2%	98.00%
4	Earthwork	LS	1.00		1.00	$546,000.00	$ 546,000.00	40%	$ 218,400.00	60%	40.00%
5	Site Utilities	LS	1.00		1.00	$ 1,104,000.00	$ 1,104,000.00	20%	$ 220,800.00	80%	20.00%
6	Site Concrete	LS	1.00		1.00	$35,000.00	$ 35,000.00		$ -	100%	0.00%
7	Cast In Place Concrete	LS	1.00		1.00	$ 1,388,210.00	$ 1,388,210.00	80%	$ 1,110,568.00	20%	80.00%
8	Precast Materials	LS	1.00		1.00	$207,500.00	$ 207,500.00		$ -	100%	0.00%
9	Precast Erection	LS	1.00		1.00	$36,400.00	$ 36,400.00		$ -	100%	0.00%
10	Wood Blocking	LS	1.00		1.00	$ 3,000.00	$ 3,000.00		$ -	100%	0.00%
11	Roofing	LS	1.00		1.00	$40,200.00	$ 40,200.00		$ -	100%	0.00%
12	Hatches	LS	1.00		1.00	$24,500.00	$ 24,500.00		$ -	100%	0.00%
13	Aluminum Doors and Windows	LS	1.00		1.00	$18,250.00	$ 18,250.00		$ -	100%	0.00%
14	Coiling Door	LS	1.00		1.00	$23,500.00	$ 23,500.00		$ -	100%	0.00%
15	Painting	LS	1.00		1.00	$25,000.00	$ 25,000.00		$ -	100%	0.00%
16	Specialties	LS	1.00		1.00	$ 1,800.00	$ 1,800.00		$ -	100%	0.00%
17	Bar Screens	LS	1.00		1.00	$309,220.00	$ 309,220.00		$ -	100%	0.00%
18	Submersible Pumps	LS	1.00		1.00	$333,000.00	$ 333,000.00		$ -	100%	0.00%
19	Slide Gates	LS	1.00		1.00	$39,460.00	$ 39,460.00	50%	$ 19,730.00	50%	50.00%
20	Inside Process Piping	LS	1.00		1.00	$227,000.00	$ 227,000.00	68%	$ 154,360.00	32%	68.00%
21	Jib Crane	LS	1.00		1.00	$58,000.00	$ 58,000.00		$ -	100%	0.00%
22	Plumbing	LS	1.00		1.00	$12,000.00	$ 12,000.00		$ -	100%	0.00%
23	HVAC	LS	1.00		1.00	$329,460.00	$ 329,460.00		$ -	100%	0.00%
24	Electrical	LS	1.00		1.00	$985,097.00	$ 985,097.00	10%	$ 98,509.70	90%	10.00%
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74					-		$ -		$ -	-	0.00%
75					-		$ -		$ -	-	0.00%

TOTAL CONTRACT AND VALUE OF WORK COMPLETED TO DATE	$ 8,068,100.00	$ 4,099,690.64	50.81%

Date printed: 11/1/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	April 12, 2022	$ 179,581.03
2	May 10, 2022	$ 152,544.50
3	June 14, 2022	$ 635,744.26
4	July 12, 2022	$ 547,628.35
5	August 9, 2022	$ 756,106.14
6	September 13, 2022	$ 949,547.80
7	October 11, 2022	$ 420,971.27
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Previous Applications for Payment

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TOTAL $ 3,642,123.35

Record of Change Orders

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TOTAL $ -

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	January 25, 2022
Original Contract Time:	583.00
Added by Change Order:	
Contract Time to Date:	583.00
Time Used to Date:	279.00
Contract Time Remaining:	**304.00**

Date Printed: 11/1/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title: WRA Grimes Connector - Contract 2
Contractor: S. M. Hentges & Sons, Inc.
Address: 650 Quaker Avenue, Jordan, MN 55352
Finance Budget Code: 362-815-6499 **Finance Project #**
Vendor Project or Invoice #: **PO #**
Original Contract Date: March 8, 2022 **Vendor #** 4294

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 3
PAYMENT PERIOD: From: September 30, 2022 Through: October 28, 2022

Contract Summary

Original Contract Amount:	$ 9,530,000.00		
Net change by Change Orders:	$ -		
Contract Amount to Date: (line 1 ± 2)		$ 9,530,000.00	
Total completed and stored to date:	$ 1,861,318.20		
Retainage: 5 % of Completed Work:	$ 93,065.91		
Total Earned less Retainage:		$ 1,768,252.29	
Less previous applications for payment:		$ 357,732.67	
SUBTOTAL			$ 1,410,519.62
OTHER CHARGES (Attach an itemized list)			$ -
CURRENT PAYMENT DUE			$ 1,410,519.62
Balance to finish, including retainage:		$ 7,761,747.71	
Contract Time Remaining (If applicable)	345.00 Working Days		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: S. M. Hentges & Sons, Inc. (Firm Name)
John Klein (JC) (Signature) 10/31/22 (Date)

Engineer / Consultant Approval: Veenstra & Kimm, Inc. (Firm Name)
(Signature) 10-31-22 (Date)

City of Grimes Staff Approval: (Signature) 11-2-22 (Date)

City of Grimes Council Approval: Council - 11-8-22 (Signature) (Date)

Submit to: Matt Ahrens, P.E. - City Engineer - Engineering Department
E-mail: mahrens@grimesiowa.gov *Phone:* (515) 986-4050 *Fax:* (515) 986-4480

Date Printed: 10/31/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CONTRACT PRICE DETAIL

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	QUANTITY COMPLETE	VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
1	6" PCC Trail	SY	1,350.00		1,350.00	$ 75.00	$ 101,250.00		$ -	1,350.00	0.00%
2	48" Sanitary Sewer in Open Cut	LF	15,286.00		15,286.00	$ 430.00	$ 6,572,980.00		$ -	15,286.00	0.00%
3	36" DI Sanitary Sewer in Open Cut	LF	25.00		25.00	$ 6,000.00	$ 150,000.00		$ -	25.00	0.00%
4	12" DI Sanitary Sewer in Open Cut	LF	20.00		20.00	$ 1,200.00	$ 24,000.00		$ -	20.00	0.00%
5	48" Sanitary Trenchless	LF	410.00		410.00	$ 1,565.00	$ 641,650.00		$ -	410.00	0.00%
6	Manhole - 96"	EA	2.00		2.00	$45,000.00	$ 90,000.00		$ -	2.00	0.00%
7	Manhole - 72"	EA	43.00		43.00	$30,000.00	$ 1,290,000.00		$ -	43.00	0.00%
8	Storm Sewer - 48" RCP	EA	90.00		90.00	$ 240.00	$ 21,600.00		$ -	90.00	0.00%
9	Storm Sewer - 36" RCP	EA	20.00		20.00	$ 200.00	$ 4,000.00		$ -	20.00	0.00%
10	Storm Sewer - 18" RCP	EA	40.00		40.00	$ 125.00	$ 5,000.00		$ -	40.00	0.00%
11	Culvert - 48: CMP	LF	40.00		40.00	$ 250.00	$ 10,000.00		$ -	40.00	0.00%
12	Storm Sewer - 16" HDPE	LF	18.00		18.00	$ 120.00	$ 2,160.00		$ -	18.00	0.00%
13	Concrete Encasement - 48" Pipe	LF	60.00		60.00	$ 540.00	$ 32,400.00		$ -	60.00	0.00%
14	6" Tile with Sock	LF	5,360.00		5,360.00	$ 8.00	$ 42,880.00		$ -	5,360.00	0.00%
15	Steel Sheeting	SF	1,800.00		1,800.00	$ 80.00	$ 144,000.00		$ -	1,800.00	0.00%
16	Rip-Rap	TON	1,535.00		1,535.00	$ 75.00	$ 115,125.00		$ -	1,535.00	0.00%
17	Stabillizing Material	TON	200.00		200.00	$ 40.00	$ 8,000.00		$ -	200.00	0.00%
18	Erosion Control	LS	1.00		1.00	$55,000.00	$ 55,000.00	30.0%	$ 16,500.00	70.0%	30.00%
19	Seeding	ACRE	12.00		12.00	$ 2,600.00	$ 31,200.00		$ -	12.00	0.00%
20	Clearing and Grubbing	LS	1.00		1.00	$108,205.00	$ 108,205.00	60.0%	$ 64,923.00	40.0%	60.00%
21	Traffic Control	LS	1.00		1.00	$ 5,000.00	$ 5,000.00		$ -	100.0%	0.00%
22	Sanitary Sewer Service Relocation	EA	1.00		1.00	$ 5,000.00	$ 5,000.00		$ -	1.00	0.00%
23	Sanitary Sewer Service Pipe	LF	20.00		20.00	$ 700.00	$ 14,000.00		$ -	20.00	0.00%
24	Sanitary Sewer Manhole Abandonment	EA	18.00		18.00	$ 3,000.00	$ 54,000.00		$ -	18.00	0.00%
25	Sanitary Sewer Manhole Abandonment - Plug	EA	3.00		3.00	$ 850.00	$ 2,550.00		$ -	3.00	0.00%
26									$ -		0.00%
27	Stored Materials				-		$ -		$ -	-	0.00%
28	Bid item 5 - 48" Sanitary Trenchless	LF	410.00		410.00	$ 552.22	$ 226,410.20	410.00	$ 226,410.20	-	100.00%
29	2" Grout Bushings	EA	42.00		42.00	$ 200.00	$ 8,400.00	42.00	$ 8,400.00	-	100.00%
30	Bond	LS	1.00		1.00	$70,207.00	$ 70,207.00	1.00	$ 70,207.00	-	100.00%
31	Manhole Coupler	EA	43.00		43.00	$ 420.00	$ 18,060.00	43.00	$ 18,060.00	-	100.00%
32	JD Fields Z65 Steel Sheet Pile A57250	CW	275.40		275.40	$ 95.00	$ 26,163.00	275.40	$ 26,163.00	-	100.00%
33	48" Sanitary Sewer in Open Cut	LF	6,361.99		6,361.99	$ 209.55	$ 1,333,155.00	6,361.99	$ 1,333,155.00	-	100.00%
34	48" Coupling Elbow 2-Miter	EA	4.00		4.00	$ 7,800.00	$ 31,200.00	4.00	$ 31,200.00	-	100.00%
35	48" Coupling Elbow 3-Miter	EA	2.00		2.00	$ 8,500.00	$ 17,000.00	2.00	$ 17,000.00	-	100.00%
36	48" Coupling Elbow 0-Miter	EA	2.00		2.00	$ 7,800.00	$ 15,600.00	2.00	$ 15,600.00	-	100.00%
37	48" Coupling Elbow 1-Miter	EA	2.00		2.00	$10,400.00	$ 20,800.00	2.00	$ 20,800.00	-	100.00%
38	48" Coupling Elbow 2-Miter	EA	1.00		1.00	$12,900.00	$ 12,900.00	1.00	$ 12,900.00	-	100.00%
39					-		$ -		$ -	-	0.00%
40					-		$ -		$ -	-	0.00%
41					-		$ -		$ -	-	0.00%
42					-		$ -		$ -	-	0.00%
43					-		$ -		$ -	-	0.00%
44					-		$ -		$ -	-	0.00%
45					-		$ -		$ -	-	0.00%
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47					-		$ -		$ -	-	0.00%
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49					-		$ -		$ -	-	0.00%
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64					-		$ -		$ -	-	0.00%
65					-		$ -		$ -	-	0.00%
66					-		$ -		$ -	-	0.00%
67					-		$ -		$ -	-	0.00%
68					-		$ -		$ -	-	0.00%
69					-		$ -		$ -	-	0.00%
70					-		$ -		$ -	-	0.00%
71					-		$ -		$ -	-	0.00%
72					-		$ -		$ -	-	0.00%
73					-		$ -		$ -	-	0.00%
74					-		$ -		$ -	-	0.00%
75					-		$ -		$ -	-	0.00%

TOTAL CONTRACT AND VALUE OF WORK COMPLETED TO DATE	$11,309,895.20	$ 1,861,318.20	16.46%

Date printed: 10/31/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	September 13, 2022	$ 322,598.34
2	October 11, 2022	$ 35,134.33
3		
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Previous Applications for Payment

No.	Date	Amount
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TOTAL $ **357,732.67**

Record of Change Orders

No.	Date	Amount
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TOTAL $ -

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	March 8, 2022
Original Contract Time:	579.00
Added by Change Order:	
Contract Time to Date:	579.00
Time Used to Date:	234.00
Contract Time Remaining:	**345.00**

Date Printed: 10/31/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title:	SE Jacob Street Reconstruction and Storm Sewer		
Contractor:	Halbrook Excavating		
Address:	4807 SE Rio Ct, Ankeny, IA 50021		
Finance Budget Code:	366-210-6499	***Finance Project #***	
Vendor Project or Invoice #:		***PO #***	
Original Contract Date:	May 10, 2022	***Vendor #***	4120

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 3

PAYMENT PERIOD: From: October 2, 2022 Through: October 29, 2022

Contract Summary

Original Contract Amount:	$ 1,545,000.00			
Net change by Change Orders:	$ 13,940.00			
Contract Amount to Date: (line 1 ± 2)		$ 1,558,940.00		
Total completed and stored to date:	$ 424,399.00			
Retainage: 5 % of Completed Work:	$ 21,219.95			
Total Earned less Retainage:		$ 403,179.05		
Less previous applications for payment:		$ 295,759.23		
SUBTOTAL			$	107,419.82
OTHER CHARGES (Attach an itemized list)			$	-
CURRENT PAYMENT DUE			$	107,419.82
Balance to finish, including retainage:		$ 1,155,760.95		
Contract Time Remaining (If applicable)	23.00 Working Days			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: Halbrook Excavating
Firm Name
Signature
11/1/2022
Date

Engineer / Consultant Approval: MSA Professional Services, Inc.
Firm Name
Nicholle Jungren
Signature
October 31, 2022
Date

City of Grimes Staff Approval:
Signature
11-2-22
Date

City of Grimes Council Approval: Council - 11-8-22
Signature
Date

Submit to: *Matt Ahrens, P.E. - City Engineer - Engineering Department*
E-mail: mahrens@grimesiowa.gov *Phone:* *(515) 986-4050* *Fax:* *(515) 986-4480*

Date Printed: 10/31/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CONTRACT PRICE DETAIL

ITEM NO	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	QUANTITY COMPLETE	VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
2.01	Clearing and Grubbing	LS	1.00		1.00	$21,000.00	$ 21,000.00	1.00	$ 21,000.00	-	100.00%
2.02	Topsoil, On-Site, Compost-amended	CY	790.00		790.00	$ 100.00	$ 79,000.00	100.00	$ 10,000.00	690.00	12.66%
2.03	Excavation, Class 10	CY	1,900.00		1,900.00	$ 35.00	$ 66,500.00	775.00	$ 27,125.00	1,125.00	40.79%
2.04	Subgrade Preparation, 6in Thickness	SY	6,485.00		6,485.00	$ 4.00	$ 25,940.00	1,236.00	$ 4,944.00	5,249.00	19.06%
2.05	Subbase Granular, 6in Thickness	SY	6,485.00		6,485.00	$ 14.00	$ 90,790.00	1,236.00	$ 17,304.00	5,249.00	19.06%
2.06	Compaction Testing, Moisture & Density Control	LS	1.00		1.00	$ 6,500.00	$ 6,500.00	0.25	$ 1,625.00	0.75	25.00%
2.07	Below Grade Excavation (Core Out)	CY	500.00		500.00	$ 10.00	$ 5,000.00		$ -	500.00	0.00%
3.01	Trench Compaction Testing	LS	1.00		1.00	$ 6,500.00	$ 6,500.00		$ -	1.00	0.00%
4.01	Storm Sewer, Trenched, RCP, 15 in	LF	1,009.00		1,009.00	$ 65.00	$ 65,585.00	83.00	$ 5,395.00	926.00	8.23%
4.02	Storm Sewer, Trenched, RCP, 18 in	LF	130.00		130.00	$ 75.00	$ 9,750.00		$ -	130.00	0.00%
4.03	Storm Sewer, Trenched, RCP, 24 in	LF	8.00		8.00	$ 125.00	$ 1,000.00		$ -	8.00	0.00%
4.04	Storm Sewer, Trenched, RCP, 30 in	LF	24.00		24.00	$ 130.00	$ 3,120.00		$ -	24.00	0.00%
4.05	Storm Sewer, Trenched, RCP, 36 in	LF	27.00		27.00	$ 150.00	$ 4,050.00		$ -	27.00	0.00%
4.06	Storm Sewer, Trenched, RCP, 42 in	LF	155.00		155.00	$ 185.00	$ 28,675.00	64.00	$ 11,840.00	91.00	41.29%
4.07	Removal of Storm Sewer, Less than 36 in	LF	515.00		515.00	$ 10.00	$ 5,150.00		$ -	515.00	0.00%
4.08	Removal of Storm Sewer, Greater than 36 in	LF	126.00		126.00	$ 25.00	$ 3,150.00		$ -	126.00	0.00%
4.09	Pipe Culvert, Trenched, RCP, 60 in	LF	67.00		67.00	$ 350.00	$ 23,450.00	48.00	$ 16,800.00	19.00	71.64%
4.10	Pipe Apron, Concrete, 15 in	EA	2.00		2.00	$ 2,500.00	$ 5,000.00	1.00	$ 2,500.00	1.00	50.00%
4.11	Pipe Apron, Concrete, 36 in	EA	1.00		1.00	$ 5,500.00	$ 5,500.00		$ -	1.00	0.00%
4.12	Pipe Apron, Concrete, 60 in	EA	1.00		1.00	$ 10,000.00	$ 10,000.00		$ -	1.00	0.00%
4.13	Pipe Apron, Modifed	LS	1.00		1.00	$ 35,000.00	$ 35,000.00	1.00	$ 35,000.00	-	100.00%
4.14	Connection to Existing Storm Sewer	EA	5.00		5.00	$ 1,875.00	$ 9,375.00		$ -	5.00	0.00%
4.15	Subrains, Solid Wall, 4 in	LF	150.00		150.00	$ 25.00	$ 3,750.00		$ -	150.00	0.00%
4.16	Subdrain Cleanouts	EA	1.00		1.00	$ 750.00	$ 750.00		$ -	1.00	0.00%
4.17	Subdrain Outlets and Connections	EA	1.00		1.00	$ 250.00	$ 250.00		$ -	1.00	0.00%
5.01	Valve Box Adjustment	EA	14.00		14.00	$ 550.00	$ 7,700.00		$ -	14.00	0.00%
6.01	Manhole, SW-401, 48 in	EA	1.00		1.00	$ 3,500.00	$ 3,500.00		$ -	1.00	0.00%
6.02	Manhole, SW-401, 60 in	EA	1.00		1.00	$ 6,500.00	$ 6,500.00		$ -	1.00	0.00%
6.03	Manhole, SW-401, 60 in, Modified	EA	1.00		1.00	$ 6,500.00	$ 6,500.00		$ -	1.00	0.00%
6.04	Manhole, SW-401, 72 in	EA	1.00		1.00	$ 7,000.00	$ 7,000.00		$ -	1.00	0.00%
6.05	Manhole, SW-402, 4ft x 6ft	EA	1.00		1.00	$ 7,500.00	$ 7,500.00	1.00	$ 7,500.00	-	100.00%
6.06	Intake, SW-501	EA	2.00		2.00	$ 3,500.00	$ 7,000.00	1.00	$ 3,500.00	1.00	50.00%
6.07	Intake, SW-503	EA	1.00		1.00	$ 5,500.00	$ 5,500.00		$ -	1.00	0.00%
6.08	Intake, SW-505	EA	1.00		1.00	$ 6,000.00	$ 6,000.00	1.00	$ 6,000.00	-	100.00%
6.09	Intake, SW-507	EA	2.00		2.00	$ 5,000.00	$ 10,000.00		$ -	2.00	0.00%
6.10	Intake, SW-512, 24 in	EA	7.00		7.00	$ 3,000.00	$ 21,000.00	1.00	$ 3,000.00	6.00	14.29%
6.11	Intake, SW-512, 30 in	EA	3.00		3.00	$ 3,500.00	$ 10,500.00		$ -	3.00	0.00%
6.12	Intake, SW-512, 36 in	EA	1.00		1.00	$ 4,500.00	$ 4,500.00		$ -	1.00	0.00%
6.13	Intake, SW-501 - Modified	EA	7.00		7.00	$ 3,500.00	$ 24,500.00		$ -	7.00	0.00%
6.14	Intake, SW-505 - Modified	EA	5.00		5.00	$ 6,000.00	$ 30,000.00		$ -	5.00	0.00%
6.15	Manhole Adjustment, Minor	EA	5.00		5.00	$ 1,500.00	$ 7,500.00	1.00	$ 1,500.00	4.00	20.00%
6.16	Manhole Adjustment, Major	EA	1.00		1.00	$ 2,750.00	$ 2,750.00		$ -	1.00	0.00%
6.17	Remove Manhole	EA	2.00		2.00	$ 1,000.00	$ 2,000.00		$ -	2.00	0.00%
6.18	Remove Intake	EA	2.00		2.00	$ 1,000.00	$ 2,000.00		$ -	2.00	0.00%
7.01	Pavement, PCC, 7in Thickness	SY	5,540.00		5,540.00	$ 95.00	$ 526,300.00	1,185.00	$ 112,575.00	4,355.00	21.39%
7.02	PCC Pavement Samples and Testing	LS	1.00		1.00	$ 6,500.00	$ 6,500.00	0.25	$ 1,625.00	0.75	25.00%
7.03	Removal of Sidewalk	SY	66.00		66.00	$ 15.00	$ 990.00	10.00	$ 150.00	56.00	15.15%
7.04	Removal of Driveway	SY	368.00		368.00	$ 15.00	$ 5,520.00	60.00	$ 900.00	308.00	16.30%
7.05	Sidewalk, PCC 4 Inch Thickness	SY	25.00		25.00	$ 105.00	$ 2,625.00	10.00	$ 1,050.00	15.00	40.00%
7.06	Sidewalk, PCC 6 Inch Thickness	SY	45.00		45.00	$ 130.00	$ 5,850.00		$ -	45.00	0.00%
7.07	Detectable Warning	SF	64.00		64.00	$ 75.00	$ 4,800.00		$ -	64.00	0.00%
7.08	Driveway, Paved, PCC, 6 in Thickness	SY	421.00		421.00	$ 140.00	$ 58,940.00	68.00	$ 9,520.00	353.00	16.15%
7.09	Sidewalk Assurance Testing	LS	1.00		1.00	$ 5,500.00	$ 5,500.00		$ -	1.00	0.00%
7.10	Pavement Removal	SY	5,302.00		5,302.00	$ 13.00	$ 68,926.00	2,713.00	$ 35,269.00	2,589.00	51.17%
8.01	Temporary Traffic Control	LS	1.00		1.00	$ 10,500.00	$ 10,500.00	0.50	$ 5,250.00	0.50	50.00%
9.01	Hydraulic Seeding, Seeding, Fertilizing, and Mulching (BFM), Type 1 with Compost Amended Topsoil	AC	0.60		0.60	$ 7,000.00	$ 4,200.00	0.20	$ 1,400.00	0.40	33.33%
9.02	Hydraulic Mulching, Temporary	AC	0.60		0.60	$ 3,250.00	$ 1,950.00		$ -	0.60	0.00%
9.03	Intake Protection Device, Installation and Removal	EA	31.00		31.00	$ 225.00	$ 6,975.00	4.00	$ 900.00	27.00	12.90%
9.04	Intake Protection Device, Maintenance	EA	31.00		31.00	$ 30.00	$ 930.00	4.00	$ 120.00	27.00	12.90%
9.05	Manufactured Check Dams, Installation & Removal	LF	60.00		60.00	$ 40.00	$ 2,400.00		$ -	60.00	0.00%
9.06	Rip Rap, Class E	TON	125.00		125.00	$ 85.00	$ 10,625.00		$ -	125.00	0.00%
9.07	Rip Rap, Erosion Stone	TON	15.00		15.00	$ 95.00	$ 1,425.00	15.00	$ 1,425.00	-	100.00%
9.08	Wattle, Installation	LF	2,000.00		2,000.00	$ 2.00	$ 4,000.00	275.00	$ 550.00	1,725.00	13.75%
9.09	Wattle, Removal	LF	2,000.00		2,000.00	$ 0.25	$ 500.00		$ -	2,000.00	0.00%
9.10	Stormwater Pollution Prevention Plan (SWPP) Preparation	LS	1.00		1.00	$ 2,250.00	$ 2,250.00	1.00	$ 2,250.00	-	100.00%
9.11	Stormwater Pollution Prevention Plan (SWPP) Management	LS	1.00		1.00	$ 3,500.00	$ 3,500.00	0.50	$ 1,750.00	0.50	50.00%
10.01	Removal of Steel Storm Tank Structure	LS	1.00		1.00	$ 12,500.00	$ 12,500.00	1.00	$ 12,500.00	-	100.00%
11.01	Mobilization	LS	1.00		1.00	$ 92,434.00	$ 92,434.00	0.50	$ 46,217.00	0.50	50.00%
11.02	Concrete Washout	LS	1.00		1.00	$ 3,500.00	$ 3,500.00		$ -	1.00	0.00%
11.03	Removal & Salvage Sign To Owner	EA	11.00		11.00	$ 275.00	$ 3,025.00		$ -	11.00	0.00%
11.04	Removal, Salvage & Reinstallation of Mailbox	EA	12.00		12.00	$ 300.00	$ 3,600.00		$ -	12.00	0.00%
11.05	Maintenance of Postal Services	LS	1.00		1.00	$ 3,500.00	$ 3,500.00	0.50	$ 1,750.00	0.50	50.00%
11.06	Maintenance of Solid Waste Collection	LS	1.00		1.00	$ 4,500.00	$ 4,500.00	0.25	$ 1,125.00	0.75	25.00%
	CHANGE ORDER #1										
CO_1.01	SW-512 PCC Collar	LS		1.00	1.00	$ 900.00	$ 900.00			1.00	0.00%
CO_1.02	Tree Removal	LS		1.00	1.00	$ 7,150.00	$ 7,150.00	1.00	$ 7,150.00	-	100.00%
CO_1.03	Driveway, Paved, PCC, 8 in Thickness	SY		38.00	38.00	$ 155.00	$ 5,890.00	38.00	$ 5,890.00	-	100.00%
					-						
					-						
					-						

TOTAL CONTRACT AND VALUE OF WORK COMPLETED TO DATE $ 1,545,000.00 $ 424,399.00 27.47%

Date printed: 10/31/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	September 13, 2022	$ 95,089.78
2	October 25, 2022	$ 200,669.45
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Previous Applications for Payment

No.	Date	Amount
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TOTAL $ 295,759.23

Record of Change Orders

No.	Date	Amount
1	October 25, 2022	$ 13,940.00
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TOTAL $ 13,940.00

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	May 10, 2021
Original Contract Time:	80.00
Added by Change Order:	-
Contract Time to Date:	80.00
Time Used to Date:	57.00
Contract Time Remaining:	23.00

Date Printed: 10/31/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title:	WRA Grimes Connector - Contract 3		
Contractor:	Rognes Corporation		
Address:	1609 N. Ankeny Blvd., Suite 210, Ankeny, Iowa 50023		
Finance Budget Code:	363-815-6499	**Finance Project #**	
Vendor Project or Invoice #:		**PO #**	
Original Contract Date:	March 8, 2022	**Vendor #**	2363

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 4

PAYMENT PERIOD: From: September 28, 2022 Through: October 28, 2022

Contract Summary

Original Contract Amount:	$ 8,235,801.00			
Net change by Change Orders:	$ -			
Contract Amount to Date: (line 1 ± 2)		$ 8,235,801.00		
Total completed and stored to date:	$ 4,654,358.54			
Retainage: 5 % of Completed Work:	$ 232,717.93			
Total Earned less Retainage:		$ 4,421,640.61		
Less previous applications for payment:		$ 1,931,439.30		
SUBTOTAL			$	2,490,201.31
OTHER CHARGES (Attach an itemized list)			$	-
CURRENT PAYMENT DUE			$	2,490,201.31
Balance to finish, including retainage:		$ 3,814,160.39		
Contract Time Remaining (If applicable)	277.00 Working Days			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: Rognes Corporation (Firm Name)

Signature — Date: 11-1-22

Engineer / Consultant Approval: Veenstra & Kimm,Inc. (Firm Name)

Signature — Date: 11-1-22

City of Grimes Staff Approval:

Signature — Date: 11-2-22

City of Grimes Council Approval: Council- 11-8-22

Signature — Date

Submit to: Matt Ahrens, P.E. - City Engineer - Engineering Department

E-mail: mahrens@grimesiowa.gov *Phone:* (515) 986-4050 *Fax:* (515) 986-4480

Date Printed: 10/31/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CONTRACT PRICE DETAIL

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	QUANTITY COMPLETE	VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
1	36" Force Main in Open Cut	LF	14,777.00		14,777.00	$ 338.00	$ 4,994,626.00	4,140.00	$ 1,399,320.00	10,637.00	28.02%
2	36" Force Main Trenchless in Casing	LF	110.00		110.00	$ 1,300.00	$ 143,000.00		$ -	110.00	0.00%
3	36" Force Main Trenchless	LF	140.00		140.00	$ 900.00	$ 126,000.00		$ -	140.00	0.00%
4	36" Force Main Directional Bored	LF	105.00		105.00	$ 900.00	$ 94,500.00		$ -	105.00	0.00%
5	Air Release Manhole	EA	4.00		4.00	$28,000.00	$ 112,000.00		$ -	4.00	0.00%
6	24" Sanitary Sewer in Open Cut	LF	1,246.00		1,246.00	$ 245.00	$ 305,270.00	1,246.00	$ 305,270.00	-	100.00%
7	15" Sanitary Sewer in Open Cut	LF	1,039.00		1,039.00	$ 215.00	$ 223,385.00	1,039.00	$ 223,385.00	-	100.00%
8	12" Sanitary Sewer in Open Cut	LF	5,496.00		5,496.00	$ 215.00	$ 1,181,640.00	5,496.00	$ 1,181,640.00	-	100.00%
9	12" Sanitary Sewer Trenchless	LF	55.00		55.00	$ 350.00	$ 19,250.00	55.00	$ 19,250.00	-	100.00%
10	Manhole - 84"	EA	2.00		2.00	$24,000.00	$ 48,000.00	2.00	$ 48,000.00	-	100.00%
11	Manhole - 72"	EA	1.00		1.00	$15,000.00	$ 15,000.00	1.00	$ 15,000.00	-	100.00%
12	Manhole - 48"	EA	21.00		21.00	$ 7,200.00	$ 151,200.00	21.00	$ 151,200.00	-	100.00%
13	Connection to Existing Manhole - 24" Sewer	EA	1.00		1.00	$10,000.00	$ 10,000.00	1.00	$ 10,000.00	-	100.00%
14	6" PCC Trail	SY	386.00		386.00	$ 55.00	$ 21,230.00	21.00	$ 1,155.00	365.00	5.44%
15	Field Tile Replacement - 8" and Smaller	LF	500.00		500.00	$ 40.00	$ 20,000.00	929.00	$ 37,160.00	(429.00)	185.80%
16	Stabilizing Material	TON	100.00		100.00	$ 50.00	$ 5,000.00		$ -	100.00	0.00%
17	Erosion Control	LS	1.00		1.00	$58,700.00	$ 58,700.00	45.0%	$ 26,415.00	55.0%	45.00%
18	Seeding	ACRE	25.00		25.00	$ 1,800.00	$ 45,000.00		$ -	25.00	0.00%
19	Clearing and Grubbing	LS	1.00		1.00	$650,000.00	$ 650,000.00	90.0%	$ 585,000.00	10.0%	90.00%
20	Traffic Control	LS	1.00		1.00	$12,000.00	$ 12,000.00	45.0%	$ 5,400.00	55.0%	45.00%
21					-		$ -		$ -	-	0.00%
22	Stored Materials				-		$ -		$ -	-	0.00%
23	36" Sanitary Force Main pipe	LF			1,281.00	$ 169.00	$ 216,489.00	-	$ -		0.00%
24	36" Elbow 1-Miter	EA			2.00	$ 3,000.00	$ 6,000.00	-	$ -		0.00%
25	36" Elbow 2-Miter	EA			2.00	$ 3,900.00	$ 7,800.00	-	$ -		0.00%
26	36" Elbow 1-Miter	EA			8.00	$ 3,000.00	$ 24,000.00	7.00	$ 21,000.00		87.50%
27	36" Elbow 2-Miter	EA			7.00	$ 3,900.00	$ 27,300.00	7.00	$ 27,300.00	-	100.00%
28	End Cap	EA			1.00	$ 740.00	$ 740.00	1.00	$ 740.00	-	100.00%
29	36" Sanitary Force Main pipe	LF			7,360.21	$ 185.43	$ 1,364,803.74	3,220.21	$ 597,123.54	4,140.00	43.75%
30					-		$ -		$ -	-	0.00%
31					-		$ -		$ -	-	0.00%
32					-		$ -		$ -	-	0.00%
33					-		$ -		$ -	-	0.00%
34					-		$ -		$ -	-	0.00%
35					-		$ -		$ -	-	0.00%
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37					-		$ -		$ -	-	0.00%
38					-		$ -		$ -	-	0.00%
39					-		$ -		$ -	-	0.00%
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49					-		$ -		$ -	-	0.00%
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71					-		$ -		$ -	-	0.00%
72					-		$ -		$ -	-	0.00%
73					-		$ -		$ -	-	0.00%
74					-		$ -		$ -	-	0.00%
75					-		$ -		$ -	-	0.00%

TOTAL CONTRACT AND VALUE OF WORK COMPLETED TO DATE	$ 9,882,933.74	$ 4,654,358.54	47.09%

Date printed: 10/31/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	April 12, 2022	$ 308,750.00
2	September 13, 2022	$ 248,097.25
3	October 11, 2022	$1,374,592.05
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Previous Applications for Payment

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Record of Change Orders

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TOTAL $ -

TOTAL $ **1,931,439.30**

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	March 8, 2022
Original Contract Time:	511.00
Added by Change Order:	
Contract Time to Date:	511.00
Time Used to Date:	234.00
Contract Time Remaining:	**277.00**

Date Printed: 10/31/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CITY OF GRIMES

Project Title: WRA Grimes Connector - Contract 1
Contractor: S.J. Louis Construction, Inc.
Address: 1351 Broadway Street W., Rockville, MN 56369-0459
Finance Budget Code: 328-815-6499 ***Finance Project #***
Vendor Project or Invoice #: ***PO #***
Original Contract Date: December 14, 2021 ***Vendor #*** 4257

Date of Council Meeting: November 8, 2022 **PAYMENT REQUEST #** 8
PAYMENT PERIOD: From: September 30, 2022 Through: October 31, 2022

Contract Summary

Original Contract Amount:	$ 12,675,000.00			
Net change by Change Orders:	$ (84,666.25)			
Contract Amount to Date: (line 1 ± 2)		$ 12,590,333.75		
Total completed and stored to date:	$ 7,611,497.18			
Retainage: 5 % of Completed Work:	$ 380,574.86			
Total Earned less Retainage:		$ 7,230,922.32		
Less previous applications for payment:		$ 6,402,536.73		
SUBTOTAL			$	828,385.59
OTHER CHARGES (Attach an itemized list)			$	-
CURRENT PAYMENT DUE			$	828,385.59
Balance to finish, including retainage:		$ 5,359,411.43		
Contract Time Remaining (If applicable)	213.00 Working Days			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: S.J. Louis Construction, Inc.
Firm Name

Zach Jocelyn
Signature

11/1/2022
Date

Engineer / Consultant Approval: Veenstra & Kimm,Inc.
Firm Name

Signature

11-1-22
Date

City of Grimes Staff Approval:

Signature

11-2-22
Date

City of Grimes Council Approval: Council - 11-8-22

Signature

Date

Submit to: Matt Ahrens, P.E. - City Engineer - Engineering Department
E-mail: mahrens@grimesiowa.gov *Phone:* (515) 986-4050 *Fax:* (515) 986-4480

Date Printed: 11/1/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CONTRACT PRICE DETAIL

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	QUANTITY COMPLETE	VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
1	60" Sanitary in Open Cut	LF	1,744.00		1,744.00	$ 660.25	$ 1,151,476.00	1,744.00	$ 1,151,476.00	-	100.00%
2	54" Sanitary in Open Cut	LF	9,729.00		9,729.00	$ 679.75	$ 6,613,287.75	3,656.00	$ 2,485,166.00	6,073.00	37.58%
3	48" Sanitary in Open Cut	LF	55.00		55.00	$ 1,200.00	$ 66,000.00		$ -	55.00	0.00%
4	36" Sanitary in Open Cut	LF	33.00		33.00	$ 1,400.00	$ 46,200.00	33.00	$ 46,200.00	-	100.00%
5	36" DI Sanitary Sewer in Open Cut	LF	30.00		30.00	$ 1,500.00	$ 45,000.00		$ -	30.00	0.00%
6	24" DI Sanitary Sewer in Open Cut	LF	20.00		20.00	$ 1,252.00	$ 25,040.00		$ -	20.00	0.00%
7	8" DI Sanitary Sewer in Open Cut	LF	20.00		20.00	$ 900.00	$ 18,000.00		$ -	20.00	0.00%
8	54" Sanitary Tunneled	LF	656.00		656.00	$ 2,200.00	$ 1,443,200.00	467.00	$ 1,027,400.00	189.00	71.19%
9	Manhole - 120"	EA	1.00	(1.00)	-	$ 1.00	$ -		$ -	-	0.00%
10	Manhole - 96"	EA	4.00	(2.00)	2.00	$50,000.00	$ 100,000.00	1.00	$ 50,000.00	1.00	50.00%
11	Manhole - 84"	EA	35.00	(31.00)	4.00	$33,510.00	$ 134,040.00	1.00	$ 33,510.00	3.00	25.00%
12	Storm Sewer - 48" RCP	LF	30.00		30.00	$ 800.00	$ 24,000.00	30.00	$ 24,000.00	-	100.00%
13	Storm Sewer - 24" RCP	LF	60.00		60.00	$ 250.00	$ 15,000.00	30.00	$ 7,500.00	30.00	50.00%
14	Storm Sewer - 18" RCP	LF	90.00		90.00	$ 180.00	$ 16,200.00	118.00	$ 21,240.00	(28.00)	131.11%
15	Storm Sewer - 15" RCP	LF	30.00		30.00	$ 150.00	$ 4,500.00	30.00	$ 4,500.00	-	100.00%
16	Storm Sewer - 12" RCP	LF	30.00		30.00	$ 105.00	$ 3,150.00		$ -	30.00	0.00%
17	6" Tile with Sock	LF	18,900.00		18,900.00	$ 19.00	$ 359,100.00	10,480.00	$ 199,120.00	8,420.00	55.45%
18	6" PCC Trail	SY	8,148.00		8,148.00	$ 65.00	$ 529,620.00	2,264.00	$ 147,160.00	5,884.00	27.79%
19	Granular Surfacing	SY	362.00		362.00	$ 25.00	$ 9,050.00	45.00	$ 1,125.00	317.00	12.43%
20	Steel Sheeting	SF	7,900.00		7,900.00	$ 35.00	$ 276,500.00	4,320.00	$ 151,200.00	3,580.00	54.68%
21	Rip-Rap	TON	1,350.00		1,350.00	$ 70.00	$ 94,500.00		$ -	1,350.00	0.00%
22	Stabilizing Material	TON	200.00		200.00	$ 44.85	$ 8,970.00		$ -	200.00	0.00%
23	Erosion Control	LS	1.00		1.00	$100,000.00	$ 100,000.00	50.0%	$ 50,000.00	50.0%	50.00%
24	Seeding	ACRE	25.00		25.00	$ 2,500.00	$ 62,500.00	8.50	$ 21,250.00	16.50	34.00%
25	Clearing and Grubbing	LS	1.00		1.00	$150,000.00	$ 150,000.00	100.0%	$ 150,000.00	0.0%	100.00%
26	Traffic Control	LS	1.00		1.00	$20,000.00	$ 20,000.00	50.0%	$ 10,000.00	50.0%	50.00%
27	54" Base FRP Manholes	EA	27.00		27.00	$40,000.00	$ 1,080,000.00	9.00	$ 360,000.00	18.00	33.33%
28	60" Base FRP Manholes	EA	5.00		5.00	$39,000.00	$ 195,000.00	4.00	$ 156,000.00	1.00	80.00%
29	Stored Materials				-		$ -		$ -	-	0.00%
30	60" Sanitary Pipe	LF			-	$ 286.00	$ -	-	$ -		0.00%
31	36" Sanitary Pipe	LF			-	$ 133.00	$ -	-	$ -		0.00%
32	36" Sanitary Pipe Bends	LF			-	$ 4,095.00	$ -	-	$ -		0.00%
33	54" Base FRP Manholes 3 miter	EA			-	$14,426.00	$ -	1.00	$ 14,426.00		0.00%
34	54" Base FRP Manholes 0 miter	EA			-	$ 7,889.00	$ -	-	$ -		0.00%
35	60" Base FRP Manholes 1 miter	EA			-	$12,295.00	$ -		$ -		0.00%
36	60" Base FRP Manholes 2 miter	EA			-	$13,835.00	$ -	-	$ -		0.00%
37	60" Base FRP Manholes 1 miter with stubs	EA			-	$22,443.00	$ -	-	$ -		0.00%
38	54" Sanitary Pipe	LF			-	$ 238.00	$ -	1,098.00	$ 261,324.00		0.00%
39	54" Bore Pipe Sanitary	LF			-	$ 534.00	$ -	360.00	$ 192,240.00		0.00%
40	54" Base FRP Manholes 1 miter	EA			-	$11,255.00	$ -	3.00	$ 33,765.00		0.00%
41	54" Base FRP Manholes 2 miter	EA			-	$13,117.00	$ -	3.00	$ 39,351.00		0.00%
42	54" Coupling Elbow 2 miter	EA			-	$ 7,483.00	$ -	3.00	$ 22,449.00		0.00%
43	LFM MH #12	EA			-	$ 8,368.00	$ -	-	$ -		0.00%
44	LFM MH #13	EA			-	$ 11,265.00	$ -	-	$ -		0.00%
45	LFM MH #14	EA			-	$ 11,419.00	$ -	-	$ -		0.00%
46	LFM MH #15	EA			-	$ 12,732.00	$ -		$ -		0.00%
47	LFM MH #16	EA			-	$ 8,517.00	$ -		$ -		0.00%
48	LFM MH #19	EA			-	$ 9,237.00	$ -	1.00	$ 9,237.00		0.00%
49	LFM MH #20	EA			-	$ 8,668.00	$ -	1.00	$ 8,668.00		0.00%
50	LFM MH #21	EA			-	$ 9,401.00	$ -	1.00	$ 9,401.00		0.00%
51	LFM MH #22	EA			-	$ 8,517.00	$ -	1.00	$ 8,517.00		0.00%
52	LFM MH #24	EA			-	$ 9,574.00	$ -	1.00	$ 9,574.00		0.00%
53	LFM MH #25	EA			-	$ 8,517.00	$ -	1.00	$ 8,517.00		0.00%
54	LFM MH #26	EA			-	$ 8,668.00	$ -	1.00	$ 8,668.00		0.00%
55	LFM MH #27	EA			-	$ 9,401.00	$ -	1.00	$ 9,401.00		0.00%
56	LFM MH #28	EA			-	$ 9,959.00	$ -	1.00	$ 9,959.00		0.00%
57	LFM MH #30	EA			-	$10,968.00	$ -	1.00	$ 10,968.00		0.00%
58	LFM MH #31	EA			-	$ 8,517.00	$ -	1.00	$ 8,517.00		0.00%
59	LFM MH #35	EA			-	$ 9,574.00	$ -	1.00	$ 9,574.00		0.00%
60	LFM MH #39	EA			-	$ 9,574.00	$ -	1.00	$ 9,574.00		0.00%
61	LFM MH #41	EA			-	$12,017.00	$ -	1.00	$ 12,017.00		0.00%
62	LFM MH #42	EA			-	$11,712.00	$ -		$ -		0.00%
63	LFM MH #43	EA			-	$ 9,401.00	$ -	1.00	$ 9,401.00		0.00%
64	2" PVC Grout Bushing	EA			-	$ 200.00	$ -	36.00	$ 7,200.00		0.00%
65	6" Draintile	LF			-	$ 2.40	$ -	7,954.00	$ 19,089.60		0.00%
66	8" Hymax Couplings	EA			-	$ 326.72	$ -	4.00	$ 1,306.88		0.00%
67	8" Ductile iron pipe	LF			-	$ 66.23	$ -	20.00	$ 1,324.60		0.00%
68	24" A-2000 Sanitary pipe	LF			-	$ 93.05	$ -	20.00	$ 1,861.00		0.00%
69	24" Hymax Coupler	EA			-	$ 2,771.50	$ -	4.00	$ 11,086.00		0.00%
70	Sheet piling	SF			-	$ 19.41	$ -	3,758.00	$ 72,942.78		0.00%
71	LFM MH #40	EA			-	$12,017.00	$ -	1.00	$ 12,017.00		0.00%
72	LFM MH #44	EA			-	$ 9,401.00	$ -	1.00	$ 9,401.00		0.00%
73	54" Base FRP Manholes 2 miter	EA	3.00		3.00	$13,117.00	$ 39,351.00	3.00	$ 39,351.00	-	100.00%
74	54" Sanitary Pipe	LF			-	$ 238.00	$ -	2,615.64	$ 622,522.32		0.00%
75	48" Sanitary Pipe	LF			-	$ 200.00	$ -	55.00	$ 11,000.00		0.00%

TOTAL CONTRACT AND VALUE OF WORK COMPLETED TO DATE	$ 12,629,684.75	$ 7,611,497.18	60.27%

Date printed: 11/1/2022

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	March 8, 2022	$ 97,850.00
2	April 12, 2022	$ 76,000.00
3	June 28, 2022	$ 319,396.14
4	July 12, 2022	$1,149,935.40
5	August 9, 2022	$1,356,953.99
6	September 13, 2022	$1,721,837.63
7	October 11, 2022	$1,680,563.57
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Previous Applications for Payment

No.	Date	Amount
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TOTAL **$ 6,402,536.73**

Record of Change Orders

No.	Date	Amount
1	March 22, 2022	$ (84,666.25)
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TOTAL **$ (84,666.25)**

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	December 14, 2021
Original Contract Time:	534.00
Added by Change Order:	
Contract Time to Date:	534.00
Time Used to Date:	321.00
Contract Time Remaining:	**213.00**

Date Printed: 11/1/2022

CITY OF GRIMES

CITY COUNCIL COMMUNICATION
Meeting Date: 11/08/2022

AGENDA ITEM:
Approving Amended Development Agreement with Hope Development & Realty

BACKGROUND:
In 2020, the City of Grimes approved a development agreement with Hope Development and Realty. The development agreement called for the construction of the Hope District, as well as the GrimesPlex. In recognition of this, Hope Development and Realty would receive a maximum economic development incentive of $25,000,000, paid from incremental property tax revenues generated by the development.

In early 2022, Reza Kargarzadeh, owner of Hope Development and Realty, donated the land and monies necessary to complete the GrimesPlex to the City of Grimes. As such, the terms of the development agreement need to be modified to accurately reflect the transition of the construction of the GrimesPlex from Hope Development and Realty, to the City of Grimes. No additional changes are made within the agreement.

The development agreement has been executed by Hope Development and Realty and is ready for approval.

BUDGETARY CONSIDERATIONS:
N/A

BOARD/COMMISSION ACTION(S):
N/A

STAFF RECOMMENDATION:
Approval

RESPONSIBLE STAFF/CONTACT INFORMATION:
Alex Pfaltzgraff
apfaltzgraff@grimesiowa.gov
515-986-4050

Prepared by: Alex Pfaltzgraff
Return to: Alex Pfaltzgraff

APPROVE AMENDED DEVELOPMENT AGREEMENT

(Hope Development & Realty LLC)

419952-77

Grimes, Iowa

November 8, 2022

A meeting of the City Council of the City of Grimes, Iowa, was held at _____ o'clock ___.m., on November 8, 2022, at the _____ in the City, pursuant to the rules of the Council.

The Mayor presided and the roll was called, showing members present and absent as follows:

Present: _____

Absent: _____.

Council Member _____ introduced the resolution next hereinafter set out and moved its adoption, seconded by Council Member _____; and after due consideration thereof by the Council, the Mayor put the question upon the adoption of said resolution, and the roll being called, the following named Council Members voted:

Ayes: _____

Nays: _____.

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

RESOLUTION 11-0822

Resolution Approving Amended Development Agreement with Hope Development & Realty LLC

WHEREAS, the City of Grimes, Iowa (the "City"), pursuant to and in strict compliance with all laws applicable to the City, and in particular the provisions of Chapter 403 of the Code of Iowa, has adopted an Urban Renewal Plan for the Grimes Urban Renewal Area (the "Urban Renewal Area"); and

WHEREAS, this City Council has adopted an ordinance providing for the division of taxes levied on taxable property in the Urban Renewal Area pursuant to Section 403.19 of the Code of Iowa and establishing the fund referred to in Subsection 2 of Section 403.19 of the Code of Iowa (the "Urban Renewal Tax Revenue Fund"), which fund and the portion of taxes referred to in that subsection may be irrevocably pledged by the City for the payment of the principal of and interest on indebtedness incurred under the authority of Section 403.9 of the Code of Iowa to finance or refinance in whole or in part projects in the Urban Renewal Area; and

WHEREAS, the City has previously entered into a certain development agreement (the "Original Agreement") with Hope Development & Realty LLC (the "Developer") pursuant to which (1) the Developer agreed to undertake the development of a commercial/entertainment district (the "Hope District Project"), the development of a regional sports complex (the "Sports Complex Project") and the corresponding installation of public infrastructure improvements; and (2) the City agreed to make certain annual appropriation incremental tax payments (the "Payments") to the Developer; and

WHEREAS, the City has determined to undertake the development of the Sports Complex Project, so it is now necessary to amend the Original Agreement in order to eliminate the Developer's obligation to develop such Sports Complex Project as described in the Original Agreement; and

WHEREAS, an amended agreement (the "Amended Agreement") has been prepared to set forth the new understanding between the City and the Developer, and it is now necessary to make provision for its approval; and

WHEREAS, Chapter 15A of the Code of Iowa ("Chapter 15A") declares that economic development is a public purpose for which a City may provide grants, loans, tax incentives, guarantees and other financial assistance to or for the benefit of private persons; and

WHEREAS, Chapter 15A requires that before public funds are used for grants, loans, tax incentives or other financial assistance, a City Council must determine that a public purpose will reasonably be accomplished by the spending or use of those funds; and

WHEREAS, Chapter 15A requires that in determining whether funds should be spent, a City Council must consider any or all of a series of factors;

NOW, THEREFORE, It Is Resolved by the City Council of the City of Grimes, Iowa, as follows:

Section 1. Pursuant to the factors listed in Chapter 15A, the Council hereby reaffirms that:

(a) The Hope District Project and the Sports Complex Project will add diversity and generate new opportunities for the Grimes and Iowa economies;

(b) The Hope District Project and the Sports Complex Project will generate public gains and benefits, particularly in the creation and retention of jobs and income, which are warranted in comparison to the amount of the proposed property tax incentives.

Section 2. The City Council further finds and reaffirms that a public purpose will reasonably be accomplished by entering into the Amended Agreement and providing the Payments to the Developer.

Section 3. The Amended Agreement is hereby approved, and the Mayor and City Clerk are hereby authorized and directed to execute and deliver the Amended Agreement on behalf of the City, in substantially the form and content in which the Amended Agreement has been presented to this City Council. Such officers are also authorized to make such changes, modifications, additions or deletions as they, with the advice of bond counsel, may believe to be necessary, and to take such actions as may be necessary to carry out the provisions of the Amended Agreement.

Section 4. All resolutions or parts thereof in conflict herewith are hereby repealed.

Passed and approved on November 8, 2022.

_____
Scott Mikkelsen, Mayor

Attest:

_____
Rochelle Williams, City Clerk

• • • • •

On motion and vote the meeting adjourned.

_____
Scott Mikkelsen, Mayor

Attest:

_____
Rochelle Williams, City Clerk

STATE OF IOWA
COUNTIES OF DALLAS AND POLK SS:
CITY OF GRIMES

I, the undersigned, City Clerk of the aforementioned City, hereby certify that the foregoing is a true and correct copy of the minutes of the Council of the City relating to adopting a resolution to approve an amended development with Hope Development & Realty LLC.

WITNESS MY HAND hereto affixed this _____ day of _____, 2022.

_____
Rochelle Williams, City Clerk

AMENDED AND RESTATED DEVELOPMENT AGREEMENT

This Amended and Restated Development Agreement (the "Agreement") is entered into between the City of Grimes, Iowa (the "City") and Hope Development & Realty LLC, (the "Developer") as of the ___ day of _____, 2021 (the "Commencement Date").

Preamble.

WHEREAS, the City and Developer entered into that certain Development Agreement dated October 27, 2020 ("Original Development Agreement"), with respect to the development of a commercial/entertainment district (the "Hope District Project") and the corresponding installation of public infrastructure improvements thereon as specifically described in those certain construction plans prepared by Civil Design Advantage and attached hereto in Exhibit "C" (the "Infrastructure Project") on certain real estate described therein; and

WHEREAS, it is now necessary to amend the Original Development Agreement in order to eliminate Developer's obligation to develop a regional sports complex ("Sports Complex") as described in the Original Development Agreement and to eliminate Developer's obligation to enter into rental agreements for the Sports Complex; and

WHEREAS, this Amended Development Agreement (the "Agreement") has been prepared to set forth the updated, mutual understanding between the City and the Developer and to replace the Original Development Agreement; and

WHEREAS, the City has established the Grimes Urban Renewal Area (the "Urban Renewal Area"), and has adopted a tax increment ordinance for the Urban Renewal Area; and

WHEREAS, the Developer owns certain real property (the "Development Property") the legal description of which is set forth on Exhibit A hereto; and

WHEREAS, the City shall provide financial assistance to Developer in the form of incremental property tax payments to be used by the Developer in defraying certain costs associated with the Hope District Project and the Infrastructure Project, as hereinafter set forth; and

WHEREAS, the base valuation of the Development Property for purposes of calculating the Hope District Incremental Property Tax Revenues, as herein defined, under this Agreement and Section 403.19 of the Code of Iowa is $141,300 (the "Base Valuation"); and

NOW THEREFORE, the parties hereto agree to replace the Original Development Agreement with this Agreement as follows:

A. Developer's Representations, Warranties and Covenants.

1. Representations and Warranties. The Developer represents and warrants that:

a) The Developer is an Iowa limited liability company and has capacity to enter into this Agreement and to perform its obligations hereunder.

b) Neither the execution and delivery of this Agreement, the consummation of the transactions contemplated hereby, nor the fulfillment of, or compliance with, the terms and conditions of this Agreement is prevented, limited by, or conflicts with, or results in a breach of, the terms, conditions or provisions, or any corporate restriction, or any evidences of indebtedness, agreement, or instrument of whatever nature to which the Developer is a party, or by which it is bound or constitutes a default under any of the foregoing.

c) The Payments, has hereinafter defined, to be provided hereunder are not necessary for or related to any residential improvements on the Development Property, and the Developer has the financial ability to undertake residential development on the Development Property without financial assistance from the City.

2. **Hope District Project**

a) Specifications. The Developer agrees to cause the construction of the Hope District Project by constructing the lots identified in Hope Commercial Plat 4 attached hereto as Exhibit B.

b) Commencement. Subject to Unavoidable Delays, as hereinafter defined, the Developer agrees to begin construction of the Hope District Project **[within approximately one (1) year of the of the Commencement Date of this Agreement]**, unless the City and the Developer agree in writing to an alternate date.

For purposes of this Agreement, Unavoidable Delays means delays resulting from acts or occurrences outside the reasonable control of the party claiming the delay including but not limited to storms, floods, fires, explosions, or other casualty losses, unusual weather conditions, strikes, boycotts, lockouts, or other labor disputes, delays in transportation or delivery of material or equipment, litigation commenced by third parties, government declared pandemics, or the acts of any federal, State, or local governmental unit (other than acts of the City, with respect to a City-claimed delay). Unavoidable Delays shall exclude occurrences known on the Commencement Date of this Agreement.

c) Completion. Subject to Unavoidable Delays, the Developer agrees to substantially complete construction of the Hope District Project by on or about **[November 1, 2031]**.

The Developer agrees for itself, and every successor in interest to the Development Property, or any part thereof, that Developer, and such successors and assigns shall, in good faith, construct the Hope District

Project in accordance with this Agreement and, during such construction, designated representatives of the City shall be allowed to enter upon the Development Property to inspect any and all construction, upon prior written notice to Developer.

3. **Infrastructure Project**.

a) Specifications. The Developer agrees to cause the construction of the Infrastructure Project in accordance with the specifications set forth on those certain construction plans prepared by Civil Design Advantage, ("Construction Plans") attached in Exhibit C. The City acknowledges that it has reviewed and approved the Construction Plans for the Infrastructure Project.

b) Commencement. Subject to Unavoidable Delays, the Developer agrees to begin construction of the Infrastructure [Project by on or about **[April 1, 2022]**, unless the City and the Developer agree in writing to an alternate date.

c) Completion. Subject to Unavoidable Delays, the Developer agrees to substantially complete construction of the Infrastructure Project by on or about **[November 1, 2022]**. The Developer agrees for itself, and every successor in interest to the Development Property, or any part thereof, that Developer, and such successors and assigns shall, in good faith, construct the Infrastructure Project in accordance with this Agreement and, during such construction, designated representatives of the City shall be allowed to enter upon the Development Property to inspect any and all construction, upon prior written notice to Developer.

d) Upon completion of the Infrastructure Project, provided that (i) such improvements are of the type ordinarily dedicated to the City; (ii) the City confirms to the Developer in writing that such completed improvements have been constructed in accordance with the City's applicable ordinances or regulations; and (iii) the City accepts such Infrastructure Project in accordance with state law, the Developer will provide the City with either a deed or permanent easement to the improvements and related right-of-way comprising the Infrastructure Project, which shall thereafter be maintained by the City at the City's sole cost and expense.

The City shall retain all rights to inspect the completed Infrastructure Project for quality of work and full compliance with City Code. Nothing in this subsection shall be interpreted as limiting the City's rights to not accept the work if the Infrastructure Project is not completed in accordance with the City's applicable ordinances or regulations.

4. **Property Taxes**. While the Developer retains ownership of the Development Property, in whole or in part, by owning any of the various parcels comprising it,

the Developer agrees to cause timely payment of all property taxes as they come due with respect to such owned Development Property, or any component parts thereof, throughout the Term, as hereinafter defined.

5. **Estimate of Hope District Incremental Property Tax Revenues**. The Developer agrees to certify (the "Triggering Certification") to the City of its intent for the Payments, as hereinafter defined, to commence. The Triggering Certification shall **[be made by no later than October 15, 2023]**. Furthermore, the Developer agrees to certify to the City by no later than October 15 of each year, commencing October 15 of the year in which the Triggering Certification is made, an amount (the "Developer's Estimate") equal to the estimated Hope District Incremental Property Tax Revenues, as hereinafter defined, anticipated to be paid in the fiscal year immediately following such certification with respect to the taxable valuation of the Development Property factored by eighty percent (80%) (the "Annual Percentage"). In determining such Developer's Estimate, the Developer will complete and submit the worksheet attached hereto as Exhibit D. The City reserves the right to review and request revisions to each such Developer's Estimate to ensure the accuracy of the figures submitted.

For purposes of this Agreement, the Hope District Incremental Property Tax Revenues are calculated by: (1) determining the consolidated property tax levy (city, county, school, etc.) then in effect with respect to taxation of the Development Property; (2) subtracting (a) the debt service levies of all taxing jurisdictions, (b) the school district instructional support and physical plant and equipment levies and (c) any other levies which may be exempted from such calculation by action of the Iowa General Assembly; (3) multiplying the resulting modified consolidated levy rate times any incremental growth in the taxable valuation of the Development Property resulting from the Hope District Project, as shown on the property tax rolls of Polk County, above and beyond that of the Base Valuation; and (4) deducting any property tax credits which shall be available with respect to the incremental valuation of the Development Property.

Upon request, the City staff shall provide reasonable assistance to the Developer in formulating the annual estimates required under this Section A.7 and in completing the annual worksheets.

6. **Indemnification**. The Developer agrees to indemnify, defend and hold harmless the City and its respective officers, employees and departments, from and against any and all losses, liabilities, penalties, fines, damages, and claims (including taxes), and all related costs and expenses (including reasonable attorneys' fees and disbursements and costs of investigation, litigation, settlement, judgments, interest and penalties) arising from or in connection with any claim, demand, action, citation or legal proceeding arising out of or resulting from the design and construction of the Hope District Project and/or the Infrastructure Project which is attributable to the alleged negligence, action, or inaction of the Developer, or its respective officers, employees, contractors, subcontractors, engineers, architects, or agents.

7. **Default Provisions.**

a) Events of Default Defined. The following shall be "Events of Default" under this Agreement, and the term "Event of Default" shall mean, whenever it is used in this Agreement (unless otherwise provided), any one or more of the following events:

(i) Failure by the Developer to commence and complete construction of the Hope District Project and/or the Infrastructure Project pursuant to the terms and conditions of this Agreement. Failure to complete the Hope District Project and/or the Infrastructure Project by the estimated completion dates due to Unavoidable Delays shall not constitute an Event of Default of this Agreement.

(ii) Failure by the Developer to fully and timely remit payment of property taxes when due and owing.

(iii) Failure by the Developer to submit a Developer's Estimate pursuant to the terms and conditions of this Agreement.

(iv) Failure by the Developer to observe or perform any other material covenant on its part, to be observed or performed hereunder.

b) Remedies on Default. Whenever any Event of Default described in this Agreement occurs, the City shall provide written notice to Developer describing the cause of the default and the steps that must be taken by the Developer in order to cure the default. The Developer shall have thirty (30) days after receipt of the notice to cure the default or to provide assurances satisfactory to City that the default will be cured as soon as reasonably possible, provided, however, that if the nature of the Developer's default is such that more than thirty (30) days is reasonably necessary for its cure, then the Developer shall not be deemed to be in default if the Developer commences such cure within said thirty (30) day period and thereafter diligently prosecutes such cure to completion, so long as the default is cured within sixty (60) days after said written notice. If Developer fails to cure the default or provide assurances, City shall then have the right to:

(i) Pursue any action available to it, at law or in equity, in order to enforce the terms of this Agreement.

(ii) Withhold Payments provided for under Sections B.2 and B.4 below.

B. **City's Representations, Warranties and Obligations**.

1. **Representations and Warranties**. The City represents and warrants to Developer that:

a) City has all the powers of a municipal corporation under the laws of the State of Iowa. The City has the authority to enter into this Agreement and to carry out its obligations hereunder.

b) The Hope District Project and the Infrastructure Project have been duly identified and approved as part of the plan for the Urban Renewal Area, in accordance with the provisions of Chapter 403 of the Code of Iowa and have been determined to be necessary to carry out for the furtherance of the urban renewal objectives of the City.

c) The Payments, as hereinafter defined, are being provided in accordance with the provisions of Chapter 403 of the Code of Iowa.

d) The City has reviewed and approved this Agreement in accordance with the provisions of Chapter 403 of the Code of Iowa.

2. **Hope District Project Payments.** In recognition of the Developer's obligations set out above to complete the Hope District Project, the City agrees to make a series of semiannual economic development tax increment payments (the "Hope District Project Payments") to the Developer as hereinafter set forth during the Term, as hereinafter defined, pursuant to Chapters 15A and 403 of the Code of Iowa. All Hope District Project Payments under this Agreement shall be subject to annual appropriation by the City Council.

The Hope District Project Payments shall be made on December 1 and June 1 of each fiscal year of the City, following an affirmative appropriation decision as provided for under Section B.3 below, beginning on December 1 of the fiscal year immediately succeeding the year in which the Developer files the Triggering Certification with the City, and continuing for a total of fifteen (15) fiscal years (thirty (30) semi-annual payments) (the "Hope District Project Payments Installment Period"), provided, however, that no Hope District Project Payments shall be made after the date the earlier of which is (i) **[June 1, 2044]**; or (ii) such earlier date upon which total Payments, as hereinafter defined, equal to the Maximum Payment Total, as hereinafter defined, have been made.

Each Hope District Project Payment shall be in an amount equal to the Annual Percentage of Hope District Incremental Property Tax Revenues attributable to the Development Property, resulting from the Hope District Project and received from the Polk County Treasurer in the six (6) months preceding the respective Hope District Project Payment due date.

For example, assuming that the Triggering Certification will occur on or before October 15, **[2023]** and that the City Council makes the necessary affirmative

appropriation decisions as provided for in Section B.3 below, then the Hope District Project Payments will be made on December 1 and June 1 of each fiscal year, beginning December 1, **[2024]**, and continuing through and including June 1, **[2039]** or until such earlier date upon which the total sum of Payments, as hereinafter defined, equal to the Maximum Payment Total, as hereinafter defined, have been made.

3. **Hope District Project Payments Security and Annual Appropriation**. The Hope District Project Payments shall not constitute general obligations of the City, but shall be made solely and only from Hope District Incremental Property Tax Revenues received by the City from the Polk County Treasurer which are attributable to the Development Property.

The Hope District Project Payments shall be subject to annual appropriation by the City Council. Prior to December 1 of each year during the Term, as hereinafter defined, commencing in the calendar year in which the Developer files the Triggering Certification with the City, the City Council of the City shall consider the question of obligating for appropriation to the funding of the Hope District Project Payments due in the following fiscal year, an amount of Hope District Incremental Property Tax Revenues to be collected in the following fiscal year equal to or less than the most recently submitted Developer's Estimate (the "Hope District Project Appropriated Amount").

In any given fiscal year, if the City Council determines to not obligate the then-considered Hope District Project Appropriated Amount, then the City will be under no obligation to fund the Hope District Project Payments scheduled to become due in the following fiscal year, and the Developer will have no rights whatsoever to compel the City to make such Hope District Project Payments or to seek damages relative thereto or to compel the funding of such Hope District Project Payments in future fiscal years. A determination by the City Council to not obligate funds for any particular fiscal year's Hope District Project Payments shall not render this Agreement null and void, and the Developer shall make the next succeeding submission of the Developer's Estimate as called for in Section A.5 above, and may include with such estimate a resubmission of the Developer's Estimate for any Hope District Project Payments which were declined for appropriation. In such instance, the City Council may choose to appropriate funds relative to the resubmission and thereby provide for supplemental Hope District Project Payments in the next succeeding fiscal year, provided however that no Hope District Project Payment shall be made after the expiration of the Term, as hereinafter defined.

4. **Supplemental Payments**. In recognition of the Developer's obligations set out above to complete the Hope District Project, the City agrees to make a series of semiannual economic development tax increment payments (the "Supplemental Payments," and together with the Hope District Project Payments, the "Payments") to the Developer as hereinafter set forth during the Term, as hereinafter defined, pursuant to Chapters 15A and 403 of the Code of Iowa. All Supplemental

Payments under this Agreement shall be subject to annual appropriation by the City Council.

The Supplemental Payments shall be made on December 1 and June 1 of each fiscal year of the City, following an affirmative appropriation decision as provided for under Section B.5 below, beginning on December 1, 2021, and continuing for a total of fifteen (15) fiscal years (thirty (30) semi-annual payments), provided, however, that no Supplemental Payments shall be made after the date the earlier of which is (i) June 1, 2043; or (ii) such earlier date upon which total Payments equal to the Maximum Payment Total, as hereinafter defined, have been made.

The aggregate amount (the "Maximum Annual Supplemental Payments Amount") of Supplemental Payments to be made to the Developer in any given fiscal year shall not exceed $387,000.

The Supplemental Payments shall be made solely and only from unencumbered Incremental Property Tax Revenues (the "Unencumbered Incremental Property Tax Revenues"), as hereinafter defined, received by the City from the Polk County Treasurer which are attributable to the Urban Renewal Area. For purposes of this Agreement, Unencumbered Incremental Property Tax Revenues are calculated by: (1) determining the consolidated property tax levy (city, county, school, etc.) then in effect with respect to taxation of property in the Urban Renewal Area; (2) subtracting (a) the debt service levies of all taxing jurisdictions, (b) the school district instructional support and physical plant and equipment levy and (c) any other levies which may be exempted from such calculation by action of the Iowa General Assembly; (3) multiplying the resulting modified consolidated levy rate times any incremental growth in the taxable valuation of property in the Urban Renewal Area, as shown on the property tax rolls of Polk County, above and beyond the base valuation of the property in the Urban Renewal Area; and (4) deducting any property tax credits which shall be available with respect to property in the Urban Renewal Area.

5. **Supplemental Payments Security and Annual Appropriation**. The Supplemental Payments shall not constitute general obligations of the City, but shall be made solely and only from Unencumbered Incremental Property Tax Revenues received by the City from the Polk County Treasurer which are attributable to the Urban Renewal Area. The Supplemental Payments shall be subject to annual appropriation by the City Council. Prior to December 1 of each year during the Term, as hereinafter defined, commencing in calendar year 2021, the City Council of the City shall consider the question of obligating for appropriation to the funding of the Supplemental Payments due in the following fiscal year, an amount of Unencumbered Incremental Property Tax Revenues to be collected in the following fiscal year equal to or less than the applicable Maximum Annual Supplemental Payments Amount (the "Supplemental Appropriated Amount").

In any given fiscal year, if the City Council determines to not obligate the then-considered Supplemental Appropriated Amount, then the City will be under no obligation to fund the Supplemental Payments scheduled to become due in the following fiscal year, and the Developer will have no rights whatsoever to compel the City to make such Supplemental Payments or to seek damages relative thereto or to compel the funding of such Supplemental Payments in future fiscal years. A determination by the City Council to not obligate funds for any particular fiscal year's Supplemental Payments shall not render this Agreement null and void, In any given fiscal year during the Term, as hereinafter defined, if Supplemental Payments are declined for appropriation, the City Council will, at the Developer's request, in the next succeeding fiscal year consider appropriating funds relative to such declined Supplemental Payments and thereby provide for the funding of such declined Supplemental Payments in following fiscal year, provided however that no Supplemental Payments shall be made after the expiration of the Term, as hereinafter defined.

6. **Maximum Payment Total.** The aggregate total amount of the Payments (the "Maximum Payment Total"), including the Hope District Project Payments and the Supplemental Payments, shall not exceed Twenty-Five Million Dollars ($25,000,000).

7. **Certification of Payment Obligation.** In any given fiscal year, if the City Council determines to obligate some or all of the then-considered Hope District Project Appropriated Amount and/or the Supplemental Appropriated Amount, as set forth in Sections B.3 and B.5 above, then the City Clerk will certify by December 1 of each such year to the Polk County Auditor an amount equal to the most recently obligated Hope District Project Appropriated Amount plus an amount equal to the most recently obligated Supplemental Appropriated Amount.

8. **Costs Certifications Not Required.** The City hereby agrees that the Developer will not be required to make certifications to the City demonstrating the costs incurred by the Developer in constructing the Hope District Project or the Infrastructure Project.

C. **Administrative Provisions**

1. **Amendment and Assignment**. This Agreement may not be amended or assigned by either party without the written consent of the other party, which consent will not be unreasonably withheld. However, the City hereby gives its permission that the Developer's rights to receive the Payments hereunder may be assigned by the Developer to a private lender, as security on a credit facility taken with respect to the Project, without further action on the part of the City. The collateral assignment of the Payments to a lender (the "Lender") is hereby acknowledged and approved by the City.

2. **Successors**. This Agreement shall inure to the benefit of and be binding upon the successors and assigns of the parties.

3. **Term**. The term (the "Term") of this Agreement shall commence on the Commencement Date and end on the earlier of (i) the date on which the City has made Payments to the Developer in a total amount equal to Maximum Payment Total; or (ii) June 1, [**2044**].

4. **Choice of Law**. This Agreement shall be deemed to be a contract made under the laws of the State of Iowa and for all purposes shall be governed by and construed in accordance with laws of the State of Iowa.

5. **Further Assurances**. The City and the Developer agree that they will, from time to time, execute, acknowledge and deliver, or cause to be executed, acknowledged or delivered such supplements hereto and such further instruments as may reasonably be required for correcting any inadequate or incorrect description of the property described herein or the Hope District Project or the Infrastructure Project, or for carrying out the expressed intention of this Agreement.

6. **Notices**. Except as otherwise expressly provided in this Agreement, a notice or other communication under the Agreement, by either the City or the Developer to the other, shall be sufficiently given or delivered if it is dispatched by registered or certified mail, postage prepaid, return receipt requested, or delivered personally, and:

   a) In the case of Developer, is addressed to or delivered personally to Hope Development & Realty, LLC, Attn: Reza Kargarzadeh, 4500 Westown Parkway, Suite 277, West Des Moines, Iowa 50266.

   b) In the case of City, is addressed to or delivered personally to City Clerk, City Hall, 101 NE Harvey Street, Grimes, Iowa 50111.

   c) Either party may upon written notice to the other party, change the address to which such notices and demands are made.

7. **Counterparts**. This Agreement may be executed in any number of counterparts, each of which shall constitute one and the same instrument.

8. **Titles of Sections and Preamble**. Any titles of the several parts and sections of this Agreement are inserted for convenience of reference only, and shall be disregarded in construing or interpreting any of its provisions. The facts and definitions set forth in the preamble hereof are, however, binding terms of the Agreement and enforceable against both parties hereto.

The City and the Developer have caused this Agreement to be signed, in their names and on their behalf by their duly authorized officers, all as of the day and date written above.

CITY OF GRIMES, IOWA

By:_____
Scott Mikkelsen, Mayor

Attest:_____
Rochelle Williams, City Clerk

HOPE DEVELOPMENT & REALTY LLC

By: _____
Reza Kargarzadeh, Manager
09/06/2022

STATE OF IOWA)
) ss.
COUNTY OF POLK)

The foregoing instrument was acknowledged before me this _____day of _____, 2022, by Scott Mikkelsen and Rochelle Williams, the Mayor and City Clerk respectively, of the City of Grimes, Iowa, a municipal corporation and political subdivision of the State of Iowa, on behalf of the City.

_____
Notary Public

STATE OF IOWA)
) ss.
COUNTY OF POLK)

The foregoing instrument was acknowledged before me this 16 day of Sept, 2022, by Reza Kargarzadeh, Manager of Hope Development & Realty, LLC, an Iowa limited liability company, on behalf of Hope Development & Realty LLC.

Amanda Harwell
Notary Public

NOTARIAL SEAL IOWA
AMANDA HARWELL
Commission Number 811205
My Commission Expires
10/21/24

EXHIBIT A

LEGAL DESCRIPTION OF HOPE DISTRICT PROPERTY:

Lots 1 – 13, inclusive, and Lots 15 – 56, inclusive, in Hope Commercial Plat 4, an Official Plat, now included in and forming a part of the City of Grimes, Polk County, Iowa.

EXHIBIT B

HOPE COMMERCIAL PLAT 4

Lots 1 – 13, inclusive, and Lots 15 – 56, inclusive, in Hope Commercial Plat 4, an Official Plat, now included in and forming a part of the City of Grimes, Polk County, Iowa.

EXHIBIT C

CONSTRUCTION PLANS PREPARED BY CIVIL DESIGN ADVANTAGE

EXHIBIT D

DEVELOPER'S ESTIMATE WORKSHEET

(1) Date of Preparation: October _____, 20____.

(2) Assessed Valuation of Property as of January 1, 20_____:

$_____.

(3) Base Taxable Valuation of Property:

$_____.

(4) Incremental Taxable Valuation of Property (2 minus 3):

$_____ (the "TIF Value").

(5) Current City fiscal year consolidated property tax levy rate for purposes of calculating Hope District Incremental Property Tax Revenues (the "Adjusted Levy Rate"):

$_____ per thousand of value.

(6) The TIF Value (4) factored by the Adjusted Levy Rate (5).

$_____ x $_____/1000 = $_____ (the "TIF Estimate")

(7) TIF Estimate ($_____ x .80 (80%) = Developer's Estimate ($_____).

CITY OF GRIMES

CITY COUNCIL COMMUNICATION
Meeting Date: 11/08/2022

AGENDA ITEM: Requesting approval for additional funds for repairs on South Jordan well

BACKGROUND: On September 27, 2022 the council approved $82,725.00 in funds to replace and extend the riser pipe for the South Jordan well. Due to an additional $5000.00 in labor, $5040.00 for a check valve and $510.00 for O-rings, approval for an additional dollar amount of $10,550.00 is needed to cover the costs of the repairs.

BUDGETARY CONSIDERATIONS: $10,550.00 of additional expense

STRATEGIC PLANNING:
Prioritized ____YES ___X__NO

*High-Performing Organization/Exception Professional Services_____
*Great Place to Live/Expanded Quality of Life Amenities _____
*Dynamic Town/Strong Sense of Community _____
*More Beautiful/Vibrant Community _____

BOARD/COMMISSION ACTION(S): Council approved original quotes at the September 27/2022 meeting.

STAFF RECOMMENDATION: Staff recommends Council approval

RESPONSIBLE STAFF/CONTACT INFORMATION: Kevin Hensley

Prepared by:_____
Return to:_____

GRIMES RESOLUTION NO. 11-0922

RESOLUTION AUTHORIZING ADDITIONAL DOLLARS FOR REPAIRS ON THE SOUTH JORDAN WELL.

WHEREAS, Council approved funds in the amount of $82,725.00

WHEREAS, actual amount needed to fix the South Jordan well is $93,275.00

WHEREAS, an additional $10,550.00 needing to be approved

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRIMES, IOWA:

1. That the City Council of Grimes approves the additional expenditure of funds for the repairs of the South Jordan well.

PASSED AND APPROVED this 8th day of November, 2022.

Mayor Scott Mikkelsen

By:_____

Attest: City Clerk Rochelle Williams

By:_____

Northway Well and Pump Co.

4895 8th Avenue
Marion, Iowa 52302

November 2, 2022

Mr. Kevin Hensley
City of Grimes Public Works Director
1801 N James St.
Grimes, Iowa 50111

Dear Mr. Hensley,

$10,550 per attached Email

Northway Well & Pump Co. is offering the following explanation for the $6,705.00 in additional cost to increase production in Jordan well No. 2 original proposal.

1.	Additional Labor and equipment for mobilization and disinfection.	$ 5,000.00
2.	Replaced 8" stainless steel check valve.	$ 5,040.00
3.	Replace Pitless O-Rings.	$ 510.00

Thank you for your time and consideration on this project. If you have any questions, please feel free to call me @ 800-747-4575.

Sincerely,

Gale McIntosh
NORTHWAY WELL & PUMP COMPANY

CITY OF
GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

AGENDA MEMO

For Meeting of November 8, 2022

AGENDA HEADING: GrimesPlex – Civil Design Advantage LLC Professional Services Agreement Amendment #2 for engineering construction services.

SYNOPSIS: The bid opening for the GrimesPlex project was held on October 18th and the Public Hearing was held on October 25th with the contract award actions scheduled for this council meeting. This will move the project from the design phase to the construction phase. The PSA with Civil Design Advantage LLC (CDA) was setup to add the engineering services required during construction after award of the construction contract. CDA will be providing the following engineering construction services: construction administration, staking, observation, and post construction items. This amendment also includes services for site plan revisions for building improvements and animation revisions. The engineering staff is planning to cover a portion of the construction observation duties to help keep the costs down on the overall project, which is reflected in CDA's proposed fee for construction observation. The construction is expected to start this fall and be fully completed by next fall.

FISCAL IMPACT: The total fee proposed for the construction engineering services is $456,130, which is about a 1.7% fee compared to the estimated project construction costs. Following our review, this appears to be a reasonable fee for this work.

PREVIOUS COUNCIL ACTION(S): Approval of PSA with CDA, setting dates for bid letting & public hearing, held the public hearing, approval of PSA Amendment #1 with CDA.

BOARD/COMMISSION ACTION(S):

STAFF/COMMITTEE RECOMMENDATION: The staff has reviewed this Professional Services Agreement Amendment #2 and recommends approval by the City Council.

RESOLUTION TO AMEND CONTRACT FOR PROFESSIONAL SERVICES

Grimes Resolution No. 11-1222

WHEREAS, the City of Grimes (Grimes) entered into a Professional Services Agreement (PSA) with Civil Design Advantage (CDA) for Site Plan Services for the GrimesPlex project on March 22, 2022; and,

WHEREAS, it was determined that there was a need for additional services to be added to the PSA consisting of construction engineering services, site plan revisions for building improvements and animation revisions; and

WHEREAS, the consulting firm of CDA has entered into Subcontract Agreements with IMEG Corp. for the electrical construction services and Barrel Aged Productions for the animation revisions; and,

WHEREAS, CDA has proposed the attached Professional Services Agreement Amendment that has a scope of work to be supplied by CDA and compensation to be paid by Grimes for their additional consulting services related to the Site Plan Services for the GrimesPlex; and,

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Grimes, Iowa, that the Mayor is authorized to execute the Professional Services Agreement Amendment with CDA on behalf of the City of Grimes.

Passed by the City Council of the City of Grimes, Iowa, by of vote of ___to___ on the 8th day of November, 2022, and approved by the Mayor on the 8th day of November, 2022.

_____

Scott Mikkelsen, Mayor

Attested:

_____

Rochelle Williams, City Clerk

Civil Design Advantage LLC

4121 NW Urbandale Drive
Urbandale, Iowa 50322
Phone 515-369-4400
Fax 515-369-4410
www.cda-eng.com

Professional Services Agreement Amendment

Project Name: **Grimes Plex**

Client:	City of Grimes	PSA Amendment Number:	2
Finance Budget Code:	367-470-6407	Date of Amendment:	November 8, 2022
Original Contract Date:	March 22, 2022	CDA Project Number:	2202.086
Vendor #:	1243	CDA Project Manager:	Josh Trygstad

CHANGE	TERMS	DESCRIPTION OF SERVICES	FEES
ADD	HOURLY	Task 17 – Preconstruction Meeting	$1,850
ADD	HOURLY	Task 18 – Shop Drawing Review	$9,450
ADD	HOURLY	Task 19 – Construction Staking	$138,400
ADD	HOURLY	Task 20 – Construction Administration	$140,300
ADD	HOURLY	Task 21 – Site Plan Revisions for Building Improvements	$21,300
ADD	HOURLY	Task 22 – Construction Observation	$118,650
ADD	HOURLY	Task 23 – Record Drawings	$11,850
ADD	HOURLY	Task 24 – Sub-consultant Electrical Construction Services (IMEG)	$6,500
ADD	HOURLY	Task 25 – Sub-consultant Animation Services (Barrel Age Prod.)	$7,830
		TOTAL INCREASE (NTE)	$456,130

Civil Design Advantage	City of Grimes
ENGINEER	**OWNER**
Erin L. Ollendike	
BY *(Signature)*	**BY** *(Signature)*
Erin Ollendike	
(Typed Name)	*(Typed Name)*
November 1, 2022	
DATE	**DATE**

1. This is not an invoice. An invoice will be mailed during the next normal invoicing process.
2. Each Task scope description is provided on Attachment #1, Attachment #2, and Attachment #3
3. All ADD Tasks will be invoiced at Civil Design Advantage's 2022-23 Fee Schedule as shown on Attachment #4.
4. The current Professional Services Agreement Total Compensation (Not To Exceed – NTE) shall be increased by the total increase listed above.
5. The remaining terms and conditions of the existing Professional Services Agreement shall apply to this amendment and remain in full force and effect.

ATTACHMENT #1

Civil Design Advantage (CDA) will provide the following additional Scope of Services as listed on the Grimes Plex PSA Amendment #2. Construction Services Scope as outlined below shall commence on or after October 26, 2022 and be substantially completed by October 30, 2023 and fully completed by May 1, 2024. If changes are made to this schedule, the Consultant shall submit changes to the Owner for approval.

Task 17 – Preconstruction Meeting

Prior to the contractor beginning work, the CONSULTANT shall conduct a preconstruction meeting to be attended by the City, Consultant, Sub-consultant, Contractors, Subcontractors, and other affected entities. The Consultant shall attend one pre-construction meeting on behalf of the CITY.

Task 18 – Shop Drawing Review

The Consultant shall review shop drawings, material submittals and other submissions of the contractor for general compliance with the construction contract.

Task 19 – Construction Staking

The Consultant shall provide staking to support the construction of the improvements. Stakes shall be established in the field to construct the roadway/utility improvements. Stakes shall be provided to locate site features, public streets, structures, curb cuts, and other design elements. The Consultant shall also provide limited stakes to assist franchise utility companies with existing utility relocates and stake temporary construction easements. The Consultant shall work with the prime contractor to provide stakes in a timely fashion. Any staking that is destroyed due to construction and needs to be replaced, will be at the Contractor's expense. Construction staking only includes areas that are final designed.

The Consultant shall prepare a Monument Preservation Certificate in accordance with Iowa Code 355.6A. This document may include, but not be limited to, identifying the existing monuments within the project corridor and shall replace any monument disturbed or removed at its preserved position. The results of this survey will be provided to the Owner for their record and recorded with the Polk County Recorder's Office.

Task 20 – Construction Administration

The Consultant shall make periodic visits to the site to observe, as an experienced and qualified design professional, the progress and quality of executed work, and to determine if the work is proceeding in accordance with the contract documents. The Consultant shall notify the Owner of any work which does not comply with the contract documents, make recommendations to the Owner for the correction of non-conforming work, and at the request of the Owner, that those recommendations are implemented by the Contractor.

The Consultant shall conduct construction meetings on a bi-weekly basis (every other week) during construction. The Consultant shall document the decisions made during construction meetings and transmit to attendees via meeting minutes.

The Consultant shall prepare and make recommendations on change orders and claims of the Contractor for extra time and/or compensation. The Consultant shall also prepare and approve progress schedules, pay estimates, final quantities, and the final payment to the Contractor. The Consultant shall conduct a walk-through to determine if the project is substantially complete, prepare a punch list of uncompleted

items for the contractor, determine that the punch list items have been resolved and if final acceptance of the project can be recommended to the City along with approval for the final payment to the Contractor.

Task 21 – Site Plan Revisions for Building Improvements

The Consultant shall prepare necessary revisions to Site Plan for incorporating the proposed buildings that have yet to be designed. A total of five buildings for administration, concession, maintenance, and restrooms as well as two dumpster locations are proposed. Site Plan Revision limits are from five feet outside of the buildings' face to the approximately fifty feet from buildings' face. The City shall also provide an AutoCAD compatible drawing file of the proposed building for Consultant's use.

Task 22 – Construction Observation

The Consultant shall provide at least one part-time observer at the construction site to (1) monitor the contractor's progress, and (2) determine if the results comply with the drawings and specifications. The observation shall be limited to the Grimes Plex site plan and will excluded construction of any paving, sidewalk, grading and sanitary, storm, and water utilities. The City of Grimes will handle inspection of all excluded items. Any materials testing (density testing, concrete testing, etc.) shall be a requirement of the contractor. The Consultant shall attend bi-weekly (every other week) construction meetings to inform the City and other interested parties of the progress of the work (if required). Observation time assumes 42 weeks of construction at 25 hours per week.

Task 23 – Record Drawings

The Consultant shall furnish final reproducible record drawings per Owner requirements based on information supplied by the Contractor and/or Owner as well as as-built survey of accessible/visible utilities by the Consultant. The Consultant shall strive to submit record drawings within one (1) month of final acceptance of the project by the City. Such record documents may contain a waiver of liability phrase regarding unknown changes made by the Contractor without Consultant/Owner approval.

Task 24 – Sub-consultant Construction Services (IMEG)

The Consultant shall coordinate with the sub-consultant for construction services associated with the electrical improvements. Sub-consultant services shall be as outlined in attached Attachment #2.

Task 25 – Sub-consultant Animation Revisions Services (Barrel Age Productions)

The Consultant shall coordinate with the sub-consultant for animation revision services associated with the Grimes Plex project. Sub-consultant services shall be as outlined in attached Attachment #3.

Additional Services

The following is a list of services not included in the current scope of services or compensation. This list is provided to further define the agreement scope. The list includes, but is not limited to:

- Phase 2 Environmental Site Assessment Services
- Wetland Delineation and Mitigation Services
- Revisions/Monitoring of the Storm Water Pollution Prevention Plan (SWPPP)
- Subdivision Platting
- Separate Site Plan Preparation (impacts to adjacent sites are included in basic services and will be shown in roadway construction drawings)
- Traffic Studies
- Submittal/Permitting Fees
- Structural Engineering
- Technical Specification Preparation beyond traffic signal special provisions (Refer to SUDAS)
- Franchise Utility Design
- Easement Document Preparation (outside of site)
- Relocation Assistance
- Building Inspection
- Extra Service items identified within sub-consultant agreements, unless otherwise indicated
- Materials Testing
- Compaction Testing

ATTACHMENT #2

IMEG's CONSTRUCTION PHASE SERVICES:

1. Contract administration related to IMEG scope of work including:
    a. Answer contractor questions and Requests for Information (RFIs).
    b. Prepare technical portions of Requests for Proposal (RFPs) for issue by others.
    c. Review contractor responses to RFPs and recommend change orders.
2. Review shop drawing submittals for items requested in the contract documents.
3. Update/adjust site electrical design as needed for accommodating building bid package (building bid package to be determined)
4. Attend up to four (4) weekly construction meetings.
5. Conduct up to (4) job site observations during the construction period.
6. Conduct one (1) final job site observation at the end of the construction period.

ATTACHMENT #3

BARREL AGED PRODUCTIONS VISUALIZATION FABRICATION DESIGN

1717 Ingersoll Ave, #117, Des Moines, Iowa 50309, 515.491.2001

project: SportsPlex update for the Hope Commercial animation

Client: City of Grimes, Iowa

description:

The primary scope of the project is to update the SportsPlex portion of the Hope Commercial development 3D model and produce a new project specific animation that is 1-2 minutes in length. Still images also included. The remainder of the development to stay as shown in the last video. Future updates by other parties will be incorporated into this "master model" and used for future revisions. Updates to include new field layouts, concept restrooms, concessions & maintenance building, landscaping, vehicle placement and appropriate entourage. Generic signage can be swapped out at a future date per client request. Updated still images showcasing potential sponsors/donors can be incorporated into the generic video so the whole video doesn't need to be regenerated for each potential donor. Client to approve new animation paths and camera views.

schedule:

Delivery date TBD.

Fees: Not to exceed:
Main project: 65hrs @ $90hr = $5,850
Animation generation (approx): 3600 frames (2 minutes) @ $.25 per frame = $900
Future signage revisions: 12hrs @ $90hr = $1,080
Total not to exceed = $7,830

terms:

work produced at $90/hr per, additional fees beyond the scope of the agreement requires prior approval
animation generation @ .25 per frame, based on 30FPS (frames per second)
Fee due upon receipt of invoice, 30 days allowed for processing.
Refer to page 2 for complete details and terms.

client signature_____ date_____

BAP representative_____ date_____

terms:

0. Execution: This agreement is executed by an authorized client signature or email authorizing the execution of this agreement.

1. Reservation of Rights: The client retains the right to digital copies of any files created exclusively for the above-mentioned project. Likewise, the client retains the rights to use the deliverable produced for the above-mentioned project without any future consent from Barrel Aged Productions as long as credit is given to Barrel Aged Productions in any public use of the material. Likewise, the Artist retains the right to use any of the deliverables for their own promotional purposes as long as proper credit is given to the client. Refer to the copyright usage above for further details or alternate instructions. The client may not remove any watermarks unless consent is first given by Barrel Aged Productions.

2. Revisions: Revisions or extra work outside the scope of the original contract will be made only after approval by the client.

3. Cancellation Fees: If the project is canceled or postponed, payment compensatory to the current amount of time completed on the agreement by the artist is due within 30 days. Any work completed shall remain the ownership of the artist unless other arrangements are made.

4. Credit and Copies: Credit will be given to Barrel Aged Productions when applicable and relative. Situations may include public viewings such as web, broadcast, print, etc.

5. Payment: Payment for finished work is due upon acceptance, net thirty (30) days. The client's right to use the work is conditioned upon receipt of payment within 30 days unless other arrangements are made. A (5%) monthly service charge will be billed against late payments.

6. Additional Expenses: The client shall reimburse Barrel Aged Productions for the following expenses: Printing, purchased 3D or solid models, additional audio, or any project-related expense requested by the client outside of the scope of the artist normal service.

7. Permission and releases: The client agrees to indemnify and hold the artist harmless against any and all claims, costs, and expenses, including attorney's fees, due to materials included in the work at the request of the client for which no copyright permission or privacy release was requested, or for which uses exceed the uses allowed pursuant to permission or release.

8. Miscellany: This agreement shall be binding upon the partied, their heirs, successors, assigns, and personal representatives. This agreement constitutes the entire understanding of the parties. Its terms can be modified only by an instrument in writing signed by both parties, except that the client may authorize expenses or revisions orally. No terms attached to any check for payment under this agreement can modify the agreement except under an independent instrument in writing signed by both parties. Any dispute regarding this agreement shall be arbitrated in Des Moines, Iowa under the rules of the American Arbitration Association and the laws of Iowa. A waiver of a breach of any of the provisions of this agreement shall not be construed as a continuing waiver of other breaches of the same or other provisions. This agreement shall be governed by the laws of the state of Iowa and courts of such state shall have exclusive jurisdiction and venue.

9. Design Exploration: ...is defined as a graphic study of one or more concepts used to advance the design/construction process. These graphics are not meant to be used for any type of construction or representation of a code-compliant project. Barrel Aged Productions does not provide stamped construction/engineering documents of any type.

client initial___

Grimes Sports Plex revisions			
task	hrs	total	rate
updated previous project file to current software	4	$360	$90
model updated sports plex site	17	$1,530	$90
bleachers, fencing, buildings, etc	12	$1,080	$90
landscaping and lighting	12	$1,080	$90
cars, people, food trucks	10	$900	$90
signage	4	$360	$90
animation setup	4	$360	$90
video comp	2	$180	$90
	65	$5,850	
frame generation	3600	$900	$0.25
signage modifications	12	$1,080	$90
		$7,830	

ATTACHMENT #4

Standard Fee Schedule
2022-2023
Civil Design Advantage, LLC

Classification	Billing Rate		Unit
Principal / Senior Engineer	$198	/	hour
Principal / Senior Land Surveyor	$198	/	hour
Senior Engineer	$189	/	hour
Engineer 8	$172	/	hour
Engineer 7	$161	/	hour
Engineer 6	$149	/	hour
Engineer 5	$138	/	hour
Engineer 4	$126	/	hour
Engineer 3	$114	/	hour
Engineer 2	$102	/	hour
Engineer 1	$94	/	hour
Senior Technician	$147	/	hour
Technician 8	$134	/	hour
Technician 7	$124	/	hour
Technician 6	$113	/	hour
Technician 5	$104	/	hour
Technician 4	$93	/	hour
Technician 3	$81	/	hour
Technician 2	$70	/	hour
Technician 1	$58	/	hour
Senior Project Manager	$184	/	hour
Project Manager 8	$171	/	hour
Project Manager 7	$155	/	hour
Project Manager 6	$147	/	hour
Project Manager 5	$139	/	hour
Project Manager 4	$129	/	hour
Administrative 3	$92	/	hour
Administrative 2	$71	/	hour
Administrative 1	$48	/	hour
Mileage	Current IRS Rate	/	mile
Plots (Black & White)	$1.75	/	sheet
Plots (Color)	$35	/	sheet
Mylar Plots	$15	/	sheet
Copies (Black & White)	$0.10	/	page
Copies (Color)	$0.75	/	page

CITY OF GRIMES

CITY COUNCIL COMMUNICATION
Meeting Date: 11/08/2022

AGENDA ITEM:

Resolution approving 2023 Strategic Plan and Action Agenda.

BACKGROUND:

In 2018 the City of Grimes established a strategic vision, mission, and core values. Annually the Management Team and the City Council workshop annual goals and priorities in pursuit of the strategic vision, mission, and our core values. The result is an annual strategic plan and an action agenda that identifies specific milestones. The proposed resolution approves the strategic plan and action agenda for 2023 and instructs the City Administrator to prepare a proposed budget consistent with the plan.

BUDGETARY CONSIDERATIONS:

N/A

STRATEGIC PLANNING:

Prioritized __X__YES _____NO

BOARD/COMMISSION ACTION(S):

N/A

STAFF RECOMMENDATION:

Approval.

RESPONSIBLE STAFF/CONTACT INFORMATION:

Jake Anderson, City Administrator
janderson@grimesiowa.gov

Prepared by:__Jake Anderson_____
Return to:___Rochelle Williams____

RESOLUTION NO. 11-1322

RESOLUTION APPROVING AND ADOPTING THE 2023 STRATEGIC PLAN AND ACTION AGENDA

WHEREAS, The City of Grimes has established a strategic vision, mission statement, and core values, and

WHEREAS, the City's management team and City Council participate in annual workshops to develop a workplan to establish goals and priorities in pursuit of the City's strategic vision, mission, and core values.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL, CITY OF GRIMES, IOWA:

1. That the 2023 Strategic Plan attached hereto as 'Exhibit A' is hereby approved and adopted.
2. That the 2023 Action Agenda attached hereto as 'Exhibit B' is hereby approved and adopted.
3. That the City Administrator is hereby instructed to submit a budget proposal that is consistent with the 2023 Strategic Plan and Action Agenda.

PASSED AND APPROVED this 8th day of November, 2022.

CITY OF GRIMES, IOWA

By: _____
Scott Mikkelsen, Mayor

ATTEST:

_____
Rochelle Williams, City Clerk

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STRATEGIC PLANNING FOR THE CITY OF GRIMES

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Strategic Planning Model for the City of Grimes

Value-based principles that describe the preferred future in 15 years	**VISION**	**Destination** **"You Have Arrived"**
Strategic goals that focus outcome-based objectives and potential actions for 5 years	**PLAN**	**Map** **"The Right Route"**
Focus for one year – a work program: policy agenda for Mayor and City Council, management agenda for staff; major projects	**EXECUTION**	**Itinerary** **"The Right Direction"**
Principles that define the responsibility of city government and frame the primary services – core service businesses	**MISSION**	**Vehicle** **"The Right Bus"**
Personal values that define performance standards and expectations for employees	**CORE BELIEFS**	**Fuel** **"The Right People"**

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GRIMES
VISION 2038

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Grimes Vision 2038

GRIMES VISION 2038

***GRIMES 2038 is a* BEAUTIFUL COMMUNITY [(1)]**
with a
"SMALL-TOWN" FEELING [(2)] –
STRONG SENSE OF COMMUNITY.

***GRIMES 2038 has* GREAT HOUSING OPPORTUNITIES [(3)]**
and a
GROWING BUSINESS COMMUNITY [(4)].

***GRIMES 2038 is a* FUN COMMUNITY FOR FAMILIES [(5)]**
and has
CONVENIENT MOBILITY OPTIONS FOR ALL.[(6)]

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Grimes Vision 2038

PRINCIPLE 1

BEAUTIFUL COMMUNITY

- **Means**
  1. Design standards that promote beautiful and enduring buildings and commercial areas
  2. Well-designed, well-maintained City facilities, buildings, parks and trails
  3. Well-maintained, attractive single-family homes complying with City codes and ordinances
  4. Community involvement in making Grimes a beautiful community
  5. Preserved some natural spaces, including native grasses and water feature(s)
  6. Attractive gateways with unique and distinctive entrances
  7. Trees and urban forest throughout the community
  8. Attractive streetscapes on major highway corridors
  9. City "brand" visible throughout the community and known by others

PRINCIPLE 2

"SMALL-TOWN" FEELING

- **Means**
  1. Neighbors knowing and helping neighbors
  2. Top quality schools and educational programs, working as a partner and contributing to our community
  3. "Town Square/Center" serving as the City's focal point
  4. Sense of place
  5. Public spaces for community gatherings
  6. Sense of community – Pride in Grimes
  7. Strong community events that bring the residents together
  8. Sense of personal safety – safe anywhere in the community, any time of day and safe schools
  9. Strong community organizations and institutions partnering with the City and each other for a better Grimes community

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PRINCIPLE 3

GREAT HOUSING OPPORTUNITIES

- **Means**
  1. Choice of great neighborhoods – attractive and well maintained
  2. Well maintained neighborhood streets and infrastructure
  3. Protection of property values and neighborhood integrity through zoning and development design standards
  4. Well-built and well-maintained housing stock
  5. Housing choice for families
  6. High percentage of homeownership
  7. Ability to move up in housing within Grimes
  8. Safe neighborhoods and routes to schools
  9. Housing developments designed to create a sense of place – a neighborhood

PRINCIPLE 4

GROWING BUSINESS COMMUNITY

- **Means**
  1. Range of quality restaurants for family dining and celebrations
  2. Availability of high-quality Class “A” and Class “B” office space
  3. Ability of residents to work in Grimes
  4. Private large fitness and lifestyle center with amenities, programs and clinics
  5. State-of-the-art information technology infrastructure for businesses and homes
  6. Quality hotel development with small conference center
  7. Niche retail businesses – national and local
  8. Financial services and insurance branches in Grimes

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PRINCIPLE 5

FUN COMMUNITY FOR FAMILIES

▶ Means

1. Major regional/community park with a variety of amenities
2. Variety of specialty parks responsive to community needs/desires [Splash Pad, Dog Park, etc.]
3. Safe streets and trails for biking and running
4. Top quality public library serving as a community information center and providing a variety of programs
5. Adequate athletic fields for recreation, competition and tournaments
6. Community/Recreation Center with programming and activity spaces
7. Range of recreational programming for all family generations
8. Family-oriented festivals, events and activities
9. Fishing opportunities for the community
10. Variety of winter facilities, activities and events including ice rink, snow for cross-country skiing, etc.

PRINCIPLE 6

CONVENIENT MOBILITY OPTIONS FOR ALL

▶ Means

1. Well-designed, well-maintained City streets
2. North-south travel options
3. East-west travel options
4. Easy access to the Des Moines region
5. Well-designed, well-maintained City trails
6. City trail system linked to regional trail system, including the High Trestle Trail and other trails
7. Attractive streetscapes along City streets and State highways
8. Pedestrian-friendly community with safe crosswalks
9. Safe, well-designed sidewalks

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GRIMES CITY GOVERNMENT: OUR MISSION

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City of Grimes: Our Mission

***The mission of* GRIMES CITY GOVERNMENT**
is to provide

EXCELLENT/EXCEPTIONAL CITY SERVICES AND FACILITIES [(1)]
in a

FINANCIALLY RESPONSIBLE [(2)]
and

COMMUNITY-FRIENDLY MANNER [(3)]
through a

HIGH-PERFORMING CITY TEAM [(4)]
that result in adding

VALUE TO RESIDENTS' LIVES [(5)].

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Grimes City Government: Mission

PRINCIPLE 1

EXCELLENT/EXCEPTIONAL CITY SERVICES AND FACILITIES

- **Means**
  1. Listening to the community – distinguishing "needs" from "wants"
  2. Providing services and addressing issues in a proactive manner
  3. Using service benchmarks and data to make decisions on future City services and service levels
  4. Defining the City services and service priorities
  5. Planning for future City services to accommodate growth
  6. Establishing partnerships for City service delivery
  7. Developing innovative ways to better serve the community
  8. Developing Department service and master plans for today and tomorrow
  9. Anticipating future service needs from the community

PRINCIPLE 2

FINANCIALLY RESPONSIBLE

- **Means**
  1. Having responsible tax rate for the long term
  2. Delivering City services in a cost effective and efficient manner
  3. Using available resources to maximize return to the community
  4. Developing and using a capital improvement process and community investment plan
  5. Providing adequate resources to support defined City services and service level
  6. Diversifying revenue options for City government
  7. Leveraging City resources through grants and partnerships
  8. Developing financial forecasting models and multi-year financial planning
  9. Having competitive compensation based upon merit for City workforce

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PRINCIPLE 3

COMMUNITY-FRIENDLY MANNER

- **Means**
  1. Listening to and understanding the individual's needs and issues
  2. Looking for ways to solve problems and address issues/concerns
  3. If you must say "no", taking the time to explain your decisions and actions
  4. Having "customer-friendly" City buildings, offices and facilities
  5. Acting in and presenting a professional image
  6. Seeking and using feedback from the community and the individual
  7. Providing a consistent service with a "personal touch"
  8. Demonstrating caring and compassion for the individual
  9. Providing a timely acknowledging communication and planned, appropriate response to an inquiry or request for service

PRINCIPLE 4

HIGH-PERFORMING CITY TEAM

- **Means**
  1. Working as a CITY TEAM – Mayor-City Council and City management-staff
  2. Have a professional City organization operating with the highest ethical standards
  3. Developing and using a strategic planning process with Vision, Goals and Annual Work Program
  4. Defining goals and performance standards/expectations
  5. Collaborating among departments to better serve the Grimes community – no "silos"
  6. Being responsible and accountable for actions and decisions
  7. Having a "top quality" City workforce dedicated to serving the Grimes community
  8. Seeking and using feedback to improve performance and processes
  9. Thinking creatively and taking innovative actions
  10. Knowing "best practices" and their application to Grimes – community and City government

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PRINCIPLE 5

VALUE TO RESIDENTS' LIVES

▶ Means

1. Having effective communications with the community using a variety of methodologies
2. Planning for and managing growth
3. Investing in future City facilities and infrastructure
4. Maintaining a safe community
5. Having residents taking pride in saying: "I live in Grimes"
6. Engaging the community in the City governance and planning process
7. Seeking compliance with City codes, ordinances and regulations
8. Having residents' feeling that they are receiving value for their taxes and fees
9. Developing and implementing a proactive communications plan, including social media policy and plan

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GRIMES CITY GOVERNMENT: CORE VALUES

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Grimes City Government: Core Values

"The Grimes Way"

We are *RESPECTFUL!*

We act with *INTEGRITY!*

We take *RESPONSIBILITY!*

We are *HARD WORKING!*

We practice *TEAMWORK!*

We are *PROFESSIONAL!*

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Grimes City Government: Core Values

RESPECTFUL!

- **Means**
  1. Being approachable
  2. Acting in a friendly manner
  3. Attentively listening to others and striving to understand their message
  4. Informing and educating the community and individuals
  5. Being willing to help others
  6. Considering the impacts on others of your actions and behaviors
  7. Having a positive outlook and attitude

INTEGRITY!

- **Means**
  1. Acting in an ethical manner
  2. Admitting mistakes and setbacks without blaming others
  3. Putting community above self
  4. Doing the right thing when no one is looking
  5. Being honest
  6. Following through on your commitments and promises
  7. Providing truthful information

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RESPONSIBILITY!

▶ Means

1. Holding self and others accountable for actions and results
2. Defining and understanding expectations and performance standards
3. Representing the City in a positive manner
4. Taking ownership of your task or assignment
5. Being committed to making a difference in the community
6. Owning your decisions, actions and behaviors
7. Respecting the final decision and move forward
8. Taking care of City facilities and equipment as if it is your own
9. Being fiscally responsible

HARD WORKING!

▶ Means

1. Using City resources in an efficient and effective manner
2. Being flexible to get the job done
3. Looking for ways to continuously improve
4. Completing projects, tasks and assignments on time and within or below budget
5. Planning projects and work activities
6. Solving problems and addressing issues

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TEAMWORK!

- **Means**
  1. Working with others to solve problems and to develop plans for the future
  2. Respecting the roles of others: Mayor/City Council, Administration and Departments
  3. Resolving conflicts through negotiations – collaborating and compromising
  4. Defining and knowing roles and responsibilities of team members
  5. Keeping others informed in a timely and appropriate manner
  6. Looking at the "big pictures" – avoiding personal or departmental agendas
  7. Cooperating with others to better serve the Grimes community

PROFESSIONAL!

- **Means**
  1. Knowing the "Best Practices" and applying them to Grimes when appropriate
  2. Taking innovative actions to improve the City processes and service delivery
  3. Presenting a professional image – workspace, equipment and vehicles
  4. Developing, maintaining and expanding your knowledge and skills
  5. Providing Grimes' residents and businesses value for their tax dollars
  6. Seeking feedback on performance and looking for ways to improve
  7. Providing complete and thorough reports with options and a clear recommendation

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CITY OF GRIMES
PLAN 2022 – 2028

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City of Grimes
Goals for 2028

HIGH-PERFORMING ORGANIZATION
PROVIDING EXCEPTIONAL SERVICES

GREAT PLACE TO LIVE
THROUGH EXPANDED QUALITY-OF-LIFE AMENITIES

DYNAMIC TOWN WITH A STRONG SENSE OF COMMUNITY

MORE BEAUTIFUL, VIBRANT COMMUNITY

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Goal 1
High-Performing Organization
Providing Professional Exceptional Services

OBJECTIVES

1. Develop and funding a capital project and community investment planning and process
2. Upgrade City facilities to meeting the needs of a growing community and the provision of "Exceptional City Services"
3. Effectively communicate with our Grimes community with accurate and truthful information
4. Deliver "Exceptional City Services" in a cost-effective and efficient manner
5. Hire, develop and retain a top-quality City workforce dedicated to serving the Grimes community
6. Upgrade information technology in City government, including cyber and information security
7. Have sufficient resources and staffing to support "Exceptional City Services" and defined City services and levels of service

VALUE TO RESIDENTS AND COMMUNITY

1. Service value for taxes and fees
2. Timely response for a call for service – emergency and non-emergency
3. Customer-friendly services like you would receive in a small town
4. Opportunities to provide feedback on services and City performance
5. Opportunities to become involved in the City's governance process
6. Reliable delivery of City services

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SHORT-TERM CHALLENGES AND OPPORTUNITIES

1. Aging, undersized City buildings, facilities and infrastructure
2. Developing a positive narrative in an environment with negative social media and disinformation about the City government
3. Keeping up with information technology changes
4. Desire for tax reductions
5. Increasing costs due to supply chain issues and contractor bids
6. Funding for City staff to keep up with a rapidly growing community and increasing service demands
7. Continuing to utilize LOSST revenues with evolving community expectations
8. Increasing cost of delivering City services
9. Managing market slowdown on rates and taxes

LONG-TERM CHALLENGES AND OPPORTUNITIES

1. High tax levy consolidated rate
2. Hiring the best employees for the City of Grimes in a very competitive employment market
3. Number of contractors available to bid and construct projects
4. Continuing to enhance communications with the community – residents and businesses
5. Cyber security and secure City information
6. Regularly adjusting updated City fees and charges to cover the costs of service delivery and the market
7. Limited capacity for additional workload
8. National trend to distrust governmental institutions, elected officials, governmental staff and government data and professional reports
9. Increasing costs of liability and cyber insurances
10. Providing workspace for additional City employees as the City continues to grow

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POLICY ACTIONS 2022 – 2023

1. Budget and Tax Rate: Policy Framework and Direction — Top Priority
2. Fire Services: Options, Direction and City Actions — Top Priority
3. Debt Service Levy Alignment with Strategic Priorities Direction and Next Steps — Top Priority
4. Water Supply and Treatment System: Complete Evaluation, Report, Direction — Top Priority
5. Civic Campus Master Plan: Direction, Plan Development and Funding — High Priority
6. Equipment Replacement Plan: Development, Direction and Funding Mechanism
7. City Proactive Strategic Communications Expansion: Next Steps, Direction and Funding
8. Storm Water Programs: Report with Options, Direction and Funding (Rain Barrels and Soil Restoration)

MANAGEMENT ACTIONS 2022 – 2023

1. Fire Station: Design and Funding and Funding — Top Priority
2. Construction Observation Management In-house: Direction and Funding — Top Priority
3. Long Range Citywide Services and Staffing Plan Development (5-10 Year): Assumption, Development and Direction — High Priority
4. Water System Model Implementation: Phase 1 Project (4) — High Priority
5. Fire 28eAgreement: Direction, Negotiations and Agreement Approval — High Priority
6. Enterprise Rates and Adjustments: Report and Direction — High Priority
   a. Solid Waste and Recycling
   b. Stormwater
7. Network Equipment Upgrade/ Replacement (Wired and Wireless): Report, Direction and Funding
8. Federal Infrastructure Program Preparation: Project Readiness, Project Priority and Direction
9. City Organization Culture Action Plan: Implementation

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MANAGEMENT IN PROGRESS 2022 – 2023

1. Strategic Plan: Update
2. Reap 2023 Grant: Application/Agreement (Council Decision)
3. IT Security Protocols
4. IT Training: Citywide
5. Agenda Management Software Solution: Completed
6. Building Maintenance Plan: Development
7. Fire Safety Education: Plan Development
8. Fire Specialty Services Analysis and Plan Development
    a. Confined Space
    b. Trench Rescue
9. High Risk Structures: Pre-Plans
10. New Employee Orientation Program: Development
11. Employee Engagement and Productivity Metrics: Development
12. Water Rescue Metro Response: Plan and Agreement
13. Drone Use Expansion: Training Completion
14. Statement Billing for Customers: Completion
15. Firefighter Sleep Trailer: Annual Lease Renewal
16. ADA Compliance Officers: Identification and Certification
17. Collective Bargaining and Labor Agreements: Strategy
    a. IAFF
    b. AFSCME
18. Parks Donation Policy/Program: Development
19. Transient Merchant Ordinance: Development and Adoption (City Council)
20. AP/AR/Payroll/Ambulance Collection Procedural Manual: Completion

MANAGEMENT IN PROGRESS 2022 – 2023 continued

21. Private Fire Hydrants Maintenance System: Development
22. Fire Station Connectivity
    a. City Network
    b. Fiber Connectivity to Johnston
23. Utility Bills Redesign: Completion
24. Parks & Recreation Organization Chart: Update
25. Electronic Signature for Documents: Completion
26. In-House Engineering Inspection: Completion
27. Budget Worksheets Upgrade: Completion
28. SOPs for Utility Billing/US Water/Development Services Crossover: Creation
29. Process Mapping for US Water Distribution, Public Works and Billing
30. Asset Management Solutions for Public Works: Implementation
31. Water Distribution Training for Employees: Completion
32. Citizen Fire Academy: Planning and Implementation
33. Fire SOP/G Revision: Completion
34. Fire Apparatus Purchase: Order and Delivery
    Pickup Truck
35. Liquor License Inspections Management: Completion
36. New Employee Orientation Development: Completion
37. Ongoing Training Programs Expansion: Completion
38. Lean Program: Implementation
39. Office 365 Migration of Email to Cloud: Completion
40. Office 365 Collaboration Software Deployment (Teams/ SharePoint): Completion
41. Multi-Factor Authentication (MFA) for Email: Completion

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MANAGEMENT IN PROGRESS 2022 – 2023 continued

42. Self-Service Password Reset (SSPR) for Microsoft Accounts: Completion
43. Mobile Device Management (MDM/InTune): Completion
44. Network Equipment Consolidation – Public Works: Completion
45. Network Equipment Consolidation – City Hall: Completion
46. Enterprise Adobe Licensing: Completion
47. Network Closet Clean Up – Public Works: Completion
48. Network Closet Clean Up – City Hall: Completion
49. Laserfiche Re-Launch: Completion
50. Access Control – Single Citywide System: Completion
51. Azure DNS Hosting: Completion
52. Edge Firewall to Next Generation Firewall Upgrade/ Replacement: Completion
53. Transition Library to City Network: Completion
54. Desktop Remote Support Software: Completion
55. DNS-Based Content Filtering: Completion
56. Expanded Security Monitoring Software for Desktops and Network: Completion
57. Crisis Communications Policy: Development and Adoption
58. Social Media Policy: Development and Adoption
59. Media Training: Completion

MANAGEMENT IN PROGRESS 2022 – 2023 continued

60. City Website Update: Completion
61. City Intranet Development: Completion
62. IT Policies: Development
63. Cyber Security New Technology: Implementation
64. City Access Control for Building: Completion
65. Consolidated Security Camera System: Implementation, Council Decision – Funding

MAJOR PROJECTS 2022 – 2023

1. WRA Project: Construction
2. Permanent Traffic Signal at County Line/Highway 44
3. Annual Asphalt Overlay Program
4. Annual Concrete Patching Program
5. Council Chamber New Dias: Completion

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ON THE HORIZON 2023 – 2028

1. Fire Station 38 Planning with City of Johnston (Middle Station)
2. Police Services: Review and Direction
3. Thorpe Water District: Report with Options, Direction and City Actions
4. Complete Evaluation of All City Assets: Research, Report, Funding and Hire Vendor
5. Community Survey: Purposes, Report with Options, Direction and Funding (linked to Departmental Accreditation)
6. Five-Year Financial Plan with Assumptions and Projections: Development
7. City Custodial Services: Evaluation, Report with Options, Direction and City Actions
8. ERP: White Paper, Scope, Consulting Services for Preparation of RFP, Direction, Funding and Report
9. Municipal Code Update: Direction and Funding
10. AV Equipment Chamber: Upgrade

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Goal 2
Great Place to Live
Through Expanded Quality-of-Life Amenities

OBJECTIVES

1. Develop a major legacy park with diverse amenities/venues
2. Replace and expand the City Library
3. Develop a Splash Pad
4. Develop parks with a variety of amenities and park venues, including the use of detention facilities
5. Expand City trail system with connectivity to the regional system
6. Develop diverse recreational programs for all ages

VALUE TO RESIDENTS AND COMMUNITY

1. Convenience – no need to leave Grimes to shop or eat
2. Leisure activities for all
3. Easy access to parks with a variety of venues
4. Recreational and leisure choices within Grimes
5. Support for a healthy and active lifestyle
6. More reasons to stay living in Grimes

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SHORT-TERM CHALLENGES AND OPPORTUNITIES

1. Planning and funding for City infrastructure projects
2. Connecting trails within Grimes and with regional trail system
3. Prioritizing, funding and implementing the Parks and Trail Master Plan
4. Funding and prioritizing for new recreational facilities, parks and trail development
5. Community and residents expectations and willingness to pay for those expectations
6. Planning for the acquisition of future parks
7. Prioritizing and funding park upgrades: improvements, equipment, restrooms and amenities
8. Funding mechanism for amenities
9. Vocal resistance to public projects on social media

LONG-TERM CHALLENGES AND OPPORTUNITIES

1. Land acquisition with high prices and property owners unwilling to sell
2. Limited public gathering spaces and venues
3. Deferred maintenance at GCC and the need for major upgrades and modernization
4. Competition for athletic fields – recreational uses, competition and tournaments
5. Difficult time to hire seasonal/part-time employees
6. Providing increased recreational facilities to meet the needs of the existing and growing populations
7. Limited talent pool from which to recruit staff replacement and new hire in the Library
8. Lack of adequate indoor recreational facility including hard surface space for basketball, volleyball and pickleball

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POLICY ACTIONS 2022 – 2023

1. Wallace Farms Development: Next Steps — Top Priority
    a. Phase 1 Project: Completion
    b. Phase 2 and Phase 3: Direction and Funding
2. Trail Connectivity to High School Gap Analysis and Projects: Update Report with Options, Direction, Funding and City Actions — High Priority
3. Existing Trail Improvements and Maintenance Annual Funding: Report, Direction and Funding
4. Recreational Programming: Expansion: Report
5. Standardized Park Amenities for Existing Parks: Development, Direction and Funding (Parking, Modern Restroom, Signage, Shelters and Drinking Fountains)
6. Community Events/Festivals Expansion: Evaluation, Outcomes, Report with Options, Direction and Funding

MANAGEMENT ACTIONS 2022 – 2023

1. Library Phase 2: Direction and Funding — Top Priority
2. Parkland Dedication Ordinance: Development and Adoption — High Priority

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MANAGEMENT IN PROGRESS 2022 – 2023

1. Library Staff Continuing Education for New Building: Completion
2. Library Fund Raising: Completion
3. Library Accreditation: Preparation
4. Library Technology Upgrade: Completion
5. Library Moving and Opening Plan: Development
6. Spring/Summer Program Guide: Completion
7. Library Onboarding for New Staff: Development
8. Increase Coverage of Night and Weekend Recreation Activities Due to Doubling Number of Programs: Completion

MAJOR PROJECTS 2022 – 2023

1. Library Project: Construction and Opening
2. Splash Pad at Waterworks Park: Completion
3. Multi- Golf Park at Glenstone Park Development: Completion
    a. Design
    b. Construction
4. Wallace Farm Phase 1: Grading and Parking Lot
5. Heritage Park: Construction and Opening

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ON THE HORIZON 2023 – 2028

1. Destination Legacy Park 2: Options, Direction and Funding Mechanism
2. Water Works Park – Phase 2: Direction
3. Public/Community Gathering Spaces: Direction
4. Lions Park: Plan –Re-Evaluation, Link to Sports Complex/ Regional Park, Future Direction
5. Existing Parks: Assessment, Report with Options, Project Priority, and Funding
6. Senior Facilities, Programs and Services: Needs Assessment, Report with Options, Direction and City Actions
7. Micro-Mobility Regulations: Outcomes, Best Practices, Report with Options and Direction
8. Entertainment Venue Attraction Strategy: Update and Next Steps (Brewery, Movie Theater, Etc.)
9. Older Park Upgrade: Report, Direction and Funding
10 Indoor Community/Recreation Center: Outcomes, Report with Options, Direction, Referendum and Funding Mechanism
11. Community Involvement Policy/Strategy: Outcomes, Best Practices, Report with Options, Direction and Funding
12. Schools Strategy: Outcomes – Relationship Building, Direction and City Actions

ON THE HORIZON 2023 – 2028 (continued)

13. Aquatic Center/Pool: Community Need Assessment, Report with Options and Funding Mechanism, Direction and City Actions
14. Community Building Strategy/Action Plan: Outcomes, Best Practices, Report with Options, Direction and City Actions
15. City of Grimes Community Event Brochure: Direction and Funding
16. Landscape Architect/Park Planner Position: Report, Direction and Funding
17. North and South Sport Complex Maintenance Building Onsite: Report, Direction and Funding
18. Arts, Culture and Special Events: Report/Budget, Direction and Funding
19. Pond Development Near GrimesPlex: Direction and Funding
20. Pedestrian/Bike Overpass: Outcomes, Direction and City Actions
21. Additional Pickleball Courts: Options, Direction and Funding
22. Highway 44 Corridor Trail Plan: Completion and Adoption (with Polk County)

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Goal 3
Dynamic Town with a Strong Sense of Community

OBJECTIVES

1. Maintain and develop City infrastructure to support a growing community
2. Have strong partnerships among the City, the Schools and community organizations
3. Have residents taking pride in and contributing to the Grimes community
4. Develop a variety of housing options: attainable quality and types
5. Have balanced growth – commercial development and residential development
6. Create a sense of place – community focal point and gathering spaces

VALUE TO RESIDENTS AND COMMUNITY

1. A community for a lifetime – all family generations
2. More reasons to continue to live in Grimes
3. Quality housing choices
4. Taking pride in our Grimes community
5. Protection of property values
6. Family-friendly community

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SHORT-TERM CHALLENGES AND OPPORTUNITIES

1. Expanding north-south and east-west connectivity within Grimes
2. Managing and supporting growth
3. Prioritize and funding for City facilities and infrastructure to support growth
4. Integrating the CIP and major studies implementation
5. Managing increases in traffic volume
6. Funding for maintenance and operations
7. Implementing Rental Housing Program
8. Having a diverse housing stock for all family generations

LONG-TERM CHALLENGES AND OPPORTUNITIES

1. Distinguishing Grimes with a unique sense of place to develop, to live and to do business
2. Defining affordable housing
3. Navigating a new way of life with code enforcement
4. Differing opinions on the visions and direction within our Grimes community
5. Defining the City's role in economic development
6. Expanding arts and culture opportunities in our Grimes community
7. Building community partnerships
8. Managing the impacts of housing market slowdown

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POLICY ACTIONS 2022 – 2023

1. James Street Corridor Study: Direction and Funding — Top Priority
2. Highway 44 Corridor Study: Completion, Direction and Funding — High Priority
3. Comprehensive Housing Study: Assessment, Report with Findings and Options, City Role and Direction — High Priority
4. City Economic Development Strategy: Review: — High Priority
    a. Small Business Retention and Growth Strategy/Action Plan: Outcomes, Best Practices, Report with Options, Direction and City Actions
    b. Retail Attraction Strategy/Action Plan: Outcomes, Market Analysis, Report with Options, Direction and City Actions

MANAGEMENT ACTIONS 2022 – 2023

1. GrimesPlex: Award Bid, Construction and Opening — Top Priority
2. Area Plans for Growth Areas (4): Development — Top Priority
    a. WRA Territory
    b. South James Territory
    c. NW Territory
    d. Destination

MANAGEMENT ACTIONS 2022 – 2023 (continued)

3. Annexations (2) – County Line Road and 19th Street: Completion — Top Priority
4. Regional Water Future Decision: Direction — High Priority
5. Sanitary Sewer Study: Completion and Adoption — High Priority

MANAGEMENT IN PROGRESS 2022 – 2023

1. Marketing Local Development Opportunities
2. Important Databases: Regular Updates
    a. LOIS Sites
    b. LOIS Buildings
    c. ED Tracker
3. Video Library: Development (4 for Economic Development)
4. SUDAS Supplemental Specs: Development (City Council)
5. Business Retention and Expansion Visits: Report on Trends
6. Stormwater Management Ordinance: Development and Adoption (City Council)
7. Food Trucks Inspections and Licensing
8. Fire Tracking Inspections
9. Fire Protection Systems Permitting Requirements: Modifications/Ordinance Changes (Difference between City of Johnston and City of Grimes) (City Council)
10. Storm Water Compliance Enforcement Transition: Completion
11. Street Sweeping Program: Development
12. Verify the Public Utility Network Assets: Completion
13. Water Distribution and Sewer Collection Division Staffing: Completion (Council Decision: Budget FY 24 Funding)

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MAJOR PROJECTS 2022 – 2023

1. Traffic Signal Network Project: Completion
    a. 19th/James – Temporary
    b. County Line/44
2. Traffic Signals: Installation
3. SE Jacob Resurfacing Replacement: Construction
4. 19th Corridor Sewer – West of James: Construction Completion
5. Annual Sewer Cleaning and Televising
6. Annual Sewer Lining Projects
7. Trail Ridge Road Reconstruction
8. NE Destination Drive: Construction
9. NE Beaverbrooke Boulevard: Construction
10. WRA Plant Decommission

ON THE HORIZON 2023 – 2028

1. Streambank Stabilization Assessment and Plan: Development and Direction
2. Comprehensive Plan Update: Review and Revision
3. Short-Term Rentals Ordinance: Direction and Adoption
4. Retail Attraction Strategy: Direction and Actions
5. DART Membership and Formula: Direction
6. Southwest Industrial Development: Direction
7. City Economic Development Strategy Implementation: Review, Update and Direction
8. Community Safety Plan: Assessment, Report, Direction and City Actions (Particularly, Community Policing by the Polk County Sheriff)
9. Sidewalk Policy and Program: Direction and Funding
10. Urban Agriculture Ordinance: Development and Adoption
11. Master Street Plan: Completion and Adoption
12. 212 SE Main Street Development Disposal: Site Plan Amendment
13. Voluntary Annexation Policy and Strategy Implementation: City Actions
14. Zoning Ordinance Clean-up: Report and Adoption
15. Rental Housing Program: Implementation
16. Parkland Dedication Ordinance Amendments: Completion and Adoption
17. Urban Renewal Restatement: Completion and Adoption
18. Corn Patch Property Lease Evaluation: Completion
19. Governors District/Main Street Revitalization: Goals/Outcomes, Report with Options and Direction

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Goal 4
More Beautiful, Vibrant Community

OBJECTIVES

1. Have attractive, well-maintained streetscapes on major corridors and highways
2. Expand trees and tree canopy throughout the community appropriate types and locations
3. Have well-designed, attractive and well-maintained City buildings, facilities and parks
4. Develop community gathering spaces and green spaces throughout our Grimes community, including opportunities for food trucks
5. Continue to have new buildings and homes that are attractive and using the appropriate building materials and meeting City's architectural standards
6. Expand arts and culture in the community
7. Become a more walkable, pedestrian-friendly community

VALUE TO RESIDENTS AND COMMUNITY

1. Protection of property values and neighborhood integrity
2. Creating a "sense of place"
3. "Green" community with trees and landscaping
4. Pride in the Grimes community
5. Distinguishing Grimes from other cities in the Des Moines region
6. City investing in "beauty"

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SHORT-TERM CHALLENGES AND OPPORTUNITIES

1. Cost of tree planting and maintenance (short term and long term)
2. Developing and maintaining attractive streetscapes and landscaping
3. Defining the City role and funding level for community beautification
4. Lack of trees – residential and major corridors
5. Implementing and funding public art
6. Willingness to fund beauty and community attractiveness
7. Future availability of water
8. Having effective code compliance regulations and programs

LONG-TERM CHALLENGES AND OPPORTUNITIES

1. Major transportation corridors dissecting the community
2. Compliance vs. enforcement of City codes and regulations
3. Working with IDOT
4. NIMBY attitude among some residents
5. Having distinctive designs
6. Necessity or a luxury

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POLICY ACTIONS 2022 – 2023

1. Tree and Forestation Policy, Plan and Program: Direction and Funding — High Priority
2. Tree Farm and Greenhouse Arboretum Nursery :Concept, Location, Direction and Funding — High Priority

MANAGEMENT ACTIONS 2022 – 2023

1. Zoning Ordinance: Review and Revision
    a. Landscape and Lighting
    b. Architectural Standards

MANAGEMENT IN PROGRESS 2022 – 2023

1. Tree Plantings: Annual (100)
2. Debris Management Program: Development

ON THE HORIZON 2023 – 2028

1. Highway 141 Beautification Plan: Report, Direction and Funding
2. Noise Ordinance: Review and Direction
3. Property Maintenance Code: Direction, Service Level – Complaint Drive vs. Proactive; Compliance vs. Enforcement
4. Public Art Master Plan Implementation: Policy Review, Direction, Funding and City Actions
5. EAB Tree Removal/Management Program: Direction and Funding
6. Community Code Enforcement Strategy: Policy Direction and Implementation
7. Grimes Brand: Revisit and Direction
8. City Beautification Plan/Strategy: Outcomes, Best Practices, Report with Options, Direction and City Actions
9. Citywide Signage/Gateway Study – Iconic Grimes: Direction

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CITY OF GRIMES
ACTION AGENDA 2022 – 2023

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City of Grimes
Policy Agenda 2022 – 2023

TOP PRIORITY

Budget and Tax Rate: Policy Framework and Direction

Fire Services: Options, Direction and City Actions

Debt Service Levy Alignment with Strategic Priorities: Direction and Next Steps

Water Supply and Treatment System: Complete Evaluation, Report and Direction

Wallace Farms Development:
Next Steps – Phase 1 Project: Completion; Phase 2 and Phase 3: Direction and Funding

James Street Corridor Study: Direction and Funding

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HIGH PRIORITY

Civic Campus Master Plan: Direction, Plan Development and Funding

Trail Connectivity to High School Gap Analysis and Projects: Update Report with Options, Direction, Funding and City Actions

Highway 44 Corridor Study: Completion, Direction and Funding

Tree and Forestation Policy, Plan and Program: Direction and Funding

Tree Farm and Greenhouse Arboretum Nursery: Concept, Location, Direction and Funding

Comprehensive Housing Study: Assessment, Report with Findings and Options, City Role and Direction

City Economic Development Strategy: Update

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City of Grimes
Management Agenda 2022 – 2023

TOP PRIORITY

Budget and Tax Rate: Policy Framework and Direction

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Comprehensive Housing Study: Assessment, Report with Findings and Options, City Role and Direction

City Economic Development Strategy: Update

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City of Grimes
Management in Progress 2022 – 2023

Strategic Plan: Update

Reap 2023 Grant: Application/Agreement (Council Decision)

IT Security Protocols

IT Training: Citywide

Agenda Management Software Solution: Completed

Building Maintenance Plan: Development

Fire Safety Education: Plan Development

Fire Specialty Services Analysis and Plan Development: Confined Space; Trench Rescue

High Risk Structures: Pre-Plans

New Employee Orientation Program: Development

Employee Engagement and Productivity Metrics: Development

Water Rescue Metro Response: Plan and Agreement

Drone Use Expansion: Training Completion

Statement Billing for Customers: Completion

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Firefighter Sleep Trailer: Annual Lease Renewal

ADA Compliance Officers: Identification and Certification

Collective Bargaining and Labor Agreements: Strategy IAFF; AFSCME

Parks Donation Policy/Program: Development

Transient Merchant Ordinance: Development and Adoption (City Council)

AP/AR/Payroll/Ambulance Collection Procedural Manual: Completion

Private Fire Hydrants Maintenance System: Development

Fire Station Connectivity: City Network; Fiber Connectivity to Johnston

Utility Bills Redesign: Completion

Parks & Recreation Organization Chart: Update

Electronic Signature for Documents: Completion

In-House Engineering Inspection: Completion

Budget Worksheets Upgrade: Completion

SOPs for Utility Billing/US Water/Development Services Crossover: Creation

Process Mapping for US Water Distribution, Public Works and Billing

Asset Management Solutions for Public Works: Implementation

Water Distribution Training for Employees: Completion

Citizen Fire Academy: Planning and Implementation

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Fire SOP/G Revision: Completion

Fire Apparatus Purchase: Order and Delivery – Pickup Truck

Liquor License Inspections Management: Completion

New Employee Orientation Development: Completion

Ongoing Training Programs Expansion: Completion

Lean Program: Implementation

Office 365 Migration of Email to Cloud: Completion

Office 365 Collaboration Software Deployment (Teams/ SharePoint): Completion

Multi-Factor Authentication (MFA) for Email: Completion

Self-Service Password Reset (SSPR) for Microsoft Accounts: Completion

Mobile Device Management (MDM/InTune): Completion

Network Equipment Consolidation – Public Works: Completion

Network Equipment Consolidation – City Hall: Completion

Enterprise Adobe Licensing: Completion

Network Closet Clean Up – Public Works: Completion

Network Closet Clean Up – City Hall: Completion

Laserfiche Re-Launch: Completion

Access Control – Single Citywide System: Completion

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Azure DNS Hosting: Completion

Edge Firewall to Next Generation Firewall Upgrade/ Replacement: Completion

Transition Library to City Network: Completion

Desktop Remote Support Software: Completion

DNS-Based Content Filtering: Completion

Expanded Security Monitoring Software for Desktops and Network: Completion

Crisis Communications Policy: Development and Adoption

Social Media Policy: Development and Adoption

Media Training: Completion

City Website Update: Completion

City Intranet Development: Completion

IT Policies: Development

Cyber Security New Technology: Implementation

City Access Control for Building: Completion

Consolidated Security Camera System: Implementation, Council Decision – Funding

Library Staff Continuing Education for New Building: Completion

Library Fund Raising: Completion

Library Accreditation: Preparation

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Library Technology Upgrade: Completion

Library Moving and Opening Plan: Development

Spring/Summer Program Guide: Completion

Library Onboarding for New Staff: Development

Increase Coverage of Night and Weekend Recreation Activities Due to Doubling Number of Programs: Completion

Marketing Local Development Opportunities

Important Databases: Regular Updates – LOIS Sites; LOIS Buildings; ED Tracker

Video Library: Development (4 for Economic Development)

SUDAS Supplemental Specs: Development (City Council)

Business Retention and Expansion Visits

Stormwater Management Ordinance: Development and Adoption (City Council)

Food Trucks Inspections and Licensing

Fire Tracking Inspections

Fire Protection Systems Permitting Requirements: Modifications/Ordinance Changes (Difference between City of Johnston and City of Grimes) (City Council)

Storm Water Compliance Enforcement Transition: Completion

Street Sweeping Program: Development

Verify the Public Utility Network Assets: Completion

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Water Distribution and Sewer Collection Division Staffing:
Completion (Council Decision: Budget FY 24 Funding)

Marketing Local Development Opportunities

Important Databases: Regular Updates – LOIS Sites; LOIS Buildings; ED Tracker

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Verify the Public Utility Network Assets: Completion

Water Distribution and Sewer Collection Division Staffing:
Completion (Council Decision: Budget FY 24 Funding)

Tree Plantings: Annual (100)

Debris Management Program: Development

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City of Grimes
Major Projects 2022 – 2023

WRA Project: Construction

Permanent Traffic Signal at County Line/Highway 44

Annual Asphalt Overlay Program

Annual Concrete Patching Program

Council Chamber New Dias: Completion

Library Project: Construction and Opening

Splash Pad at Waterworks Park: Completion

Multi- Golf Park at Glenstone Park Development: Completion – Design; Construction

Wallace Farm Phase 1: Grading and Parking Lot

Heritage Park: Construction and Opening

Traffic Signal Network Project: Completion – 19th/James – Temporary; County Line/44

Traffic Signals: Installation

SE Jacob Resurfacing Replacement: Construction

19th Corridor Sewer – West of James: Construction Completion

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Annual Sewer Cleaning and Televising

Annual Sewer Lining Projects

Trail Ridge Road Reconstruction

NE Destination Drive: Construction

NE Beaverbrooke Boulevard: Construction

WRA Plant Decommission

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CITY OF GRIMES

Strategic Plan

VISION 2038

GRIMES VISION 2038
GRIMES 2038 is a BEAUTIFUL COMMUNITY
with a
"SMALL-TOWN" FEELING –
STRONG SENSE OF COMMUNITY.

GRIMES 2038 has
GREAT HOUSING OPPORTUNITIES
and a
GROWING BUSINESS COMMUNITY.

GRIMES 2038 is a
FUN COMMUNITY FOR FAMILIES
and has
CONVENIENT MOBILITY OPTIONS
FOR ALL.

GOALS 2028

High-Performing Organization
Providing Exceptional Services

Great Place to Live through Expanded
Quality-of -Life Amenities

Dynamic Town with a Strong Sense of Community

More Beautiful, Vibrant Community

POLICY AGENDA 2022 – 2023

Top Priority

Budget and Tax Rate:
Policy Framework and Direction

Fire Services: Options, Direction and City Actions

Debt Service Levy Alignment with Strategic Priorities: Direction and Next Steps

Water Supply and Treatment System:
Complete Evaluation, Report and Direction

Wallace Farms Development:
Next Steps – Phase 1 Project: Completion;
Phase 2 and Phase 3: Direction and Funding

James Street Corridor Study:
Direction and Funding

High Priority

Civic Campus Master Plan:
Direction, Plan Development and Funding

Trail Connectivity to High School Gap Analysis and Projects: Update Report with Options, Direction, Funding and City Actions

Highway 44 Corridor Study: Completion, Direction and Funding

Tree and Forestation Policy, Plan and Program:
Direction and Funding

Tree Farm and Greenhouse Arboretum Nursery:

Comprehensive Housing Study:
Assessment, Report with Findings and Options, City Role and Direction

City Economic Development Strategy: Update

MANAGEMENT AGENDA 2022 – 2023

Top Priority

Fire Station: Design and Funding

Library Phase 2: Direction and Funding

GrimesPlex: Award Bid, Construction and Opening

Area Plans for Growth Areas (4):
Development – WRA Territory; South James Territory;
NW Territory; Destination Drive Territory

Construction Observation Management In-House:
Direction and Funding

Annexations (2): Completion – County Line Road; 19th Street

High Priority

Long-Range Citywide Services and Staffing Plan Development (5-10 Year):
Assumption, Development and Direction

Water System Model Implementation:
Phase 1 Projects (4)

Fire 28eAgreement:
Direction, Negotiations and Agreement Approval

Enterprise Rates and Adjustments:
Report and Direction – Solid Waste and Recycling; Stormwater

Regional Water Future Decision: Direction

Parkland Dedication Ordinance:
Development and Adoption

Sanitary Sewer Study: Completion and Adoption

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MANAGEMENT IN PROGRESS 2022 – 2023

Strategic Plan: Update

Reap 2023 Grant:
Application/Agreement (Council Decision)

IT Security Protocols

IT Training: Citywide

Agenda Management Software Solution: Completed

Building Maintenance Plan: Development

Fire Safety Education: Plan Development

Fire Specialty Services Analysis and Plan Development: Confined Space; Trench Rescue

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Employee Engagement and Productivity Metrics: Development

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Drone Use Expansion: Training Completion

Statement Billing for Customers: Completion

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Identification and Certification

Collective Bargaining and Labor Agreements:
Strategy – IAFF; AFSCME

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Transient Merchant Ordinance: Development and Adoption (City Council)

AP/AR/Payroll/Ambulance Collection Procedural Manual: Completion

Private Fire Hydrants Maintenance System: Development

Fire Station Connectivity:
City Network; Fiber Connectivity to Johnston

Utility Bills Redesign: Completion

Parks & Recreation Organization Chart: Update

Electronic Signature for Documents: Completion

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Budget Worksheets Upgrade: Completion

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Process Mapping for US Water Distribution, Public Works and Billing

Asset Management Solutions for Public Works: Implementation

Water Distribution Training for Employees: Completion

Citizen Fire Academy: Planning and Implementation

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Order and Delivery – Pick-Up Truck

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New Employee Orientation Development: Completion

Ongoing Training Programs Expansion: Completion

Lean Program: Implementation

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Office 365 Collaboration Software Deployment (Teams/ SharePoint): Completion

Multi-Factor Authentication (MFA) for Email: Completion

Self-Service Password Reset (SSPR) for Microsoft Accounts: Completion

Mobile Device Management (MDM/InTune): Completion

Network Equipment Consolidation – Public Works: Completion

Network Equipment Consolidation – City Hall: Completion

Enterprise Adobe Licensing: Completion

Network Closet Clean Up – Public Works: Completion

Network Closet Clean Up – City Hall: Completion

Laserfiche Re-Launch: Completion

Access Control – Single Citywide System: Completion

Azure DNS Hosting: Completion

Edge Firewall to Next Generation
Firewall Upgrade/ Replacement: Completion

Transition Library to City Network: Completion

Desktop Remote Support Software: Completion

DNS-Based Content Filtering: Completion

Expanded Security Monitoring Software for Desktops and Network: Completion

Crisis Communications Policy:
Development and Adoption

Social Media Policy: Development and Adoption

Media Training: Completion

City Website Update: Completion

City Intranet Development: Completion

IT Policies: Development

Cyber Security New Technology: Implementation

City Access Control for Building: Completion

Consolidated Security Camera System:
Implementation, Council Decision – Funding

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MANAGEMENT IN PROGRESS 2022 – 2023

Library Staff Continuing Education for New Building: Completion

Library Fund Raising: Completion

Library Accreditation: Preparation

Library Technology Upgrade: Completion

Library Moving and Opening Plan: Development

Spring/Summer Program Guide: Completion

Library Onboarding for New Staff: Development

Increase Coverage of Night and Weekend Recreation Activities Due to Doubling Number of Programs: Completion

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Business Retention and Expansion Visits

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Food Trucks Inspections and Licensing

Fire Tracking Inspections

Fire Protection Systems Permitting Requirements: Modifications/Ordinance Changes (Difference between City of Johnston and City of Grimes) (City Council)

Storm Water Compliance Enforcement Transition: Completion

Street Sweeping Program: Development

Verify the Public Utility Network Assets: Completion

Water Distribution and Sewer Collection Division Staffing: Completion (Council Decision: Budget FY 24 Funding)

Tree Plantings: Annual (100)

Debris Management Program: Development

MAJOR PROJECTS 2022 – 2023

WRA Project: Construction

Permanent Traffic Signal at County Line/Highway 44

Annual Asphalt Overlay Program

Annual Concrete Patching Program

Council Chamber New Dias: Completion

Library Project: Construction and Opening

Splash Pad at Waterworks Park: Completion

Multi- Golf Park at Glenstone Park Development: Completion – Design; Construction

Wallace Farm Phase 1: Grading and Parking Lot

Heritage Park: Construction and Opening

Traffic Signal Network Project: Completion – 19th/James – Temporary; County Line/44

Traffic Signals: Installation

SE Jacob Resurfacing Replacement: Construction

19th Corridor Sewer – West of James: Construction Completion

Annual Sewer Cleaning and Televising

Annual Sewer Lining Projects

Trail Ridge Road Reconstruction

NE Destination Drive: Construction

NE Beaverbrooke Boulevard: Construction

WRA Plant Decommission

Our Mission

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 RESIDENTS' LIVES.

Our Core Values

"The Grimes Way"

We are *RESPECTFUL!*

We act with *INTEGRITY!*

We take *RESPONSIBILITY!*

We are *HARD WORKING!*

We practice *TEAMWORK!*

We are *PROFESSIONAL!*

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City of Grimes
Goals 2028

HIGH-PERFORMING ORGANIZATION
PROVIDING PROFESSIONAL EXCEPTIONAL SERVICES

GREAT PLACE TO LIVE
THROUGH EXPANDED QUALITY-OF-LIFE AMENITIES

DYNAMIC TOWN WITH A STRONG SENSE OF COMMUNITY

MORE BEAUTIFUL, VIBRANT COMMUNITY

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Definitions of Terms

POLICY –

is an issue that needs direction or a policy decision by the Council; or needs a major funding decision by the Council; or an issue that needs Council leadership by the governing body in the community; or with other governmental bodies (City government, other City governments, state government, federal government) – questions of "WHAT: IS THE DIRECTION; IS THE GOAL; IS THE BUDGET OR RESOURCES; IS THE CITY'S POLICY OF REGULATION?"

MANAGEMENT –

a management action which the Council has set the overall direction and provided initial funding (e.g., phased project), may require further Council action on funding; or a major management project particularly multiple years (e.g., upgrade to the information system) – questions of "HOW: DO WE ADDRESS THE ISSUE, MANAGE THE CITY; IMPLEMENT A DECISION OR PROGRAM; CAN WE IMPROVE THE MANAGEMENT OR ORGANIZATIONAL PROCESS?"

MANAGEMENT IN PROGRESS –

a management or organization action which Council has set the direction, needs staff work before going to Council for direction next year or beyond, no choice mandated by an outside governmental agency or institution, management process improvement budgeted or funded by the Council.

MAJOR PROJECT –

a capital project funded in the CIP or by Council action, which needs design, or to be constructed (e.g., Road project, City facility project, park project, etc.).

ON THE HORIZON –

an issue or project that will not be addressed during the year by management or the Council but should be addressed in the next five years; it could become an action item for this year if another party moves the issue or project forward – it depends on them.

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Grimes
Policy Agenda 2022 – 2023
Targets for Action

TOP PRIORITY

Budget and Tax Rate: Policy Framework and Direction

Fire Services: Options, Direction and City Actions

Debt Service Levy Alignment with Strategic Priorities: Direction and Next Steps

Water Supply and Treatment System: Complete Evaluation, Report and Direction

Wallace Farms Development: Next Steps – Phase 1 Project: Completion; Phase 2 and Phase 3: Direction and Funding

James Street Corridor Study: Direction and Funding

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HIGH PRIORITY

Civic Campus Master Plan:
Direction, Plan Development and Funding

Trail Connectivity to High School Gap Analysis and Projects:
Update Report with Options, Direction, Funding and City Actions

Highway 44 Corridor Study: Completion, Direction and Funding

Tree and Forestation Policy, Plan and Program:
Direction and Funding

Tree Farm and Greenhouse Arboretum Nursery:
Concept, Location, Direction and Funding

Comprehensive Housing Study:
Assessment, Report with Findings and Options,
City Role and Direction

City Economic Development Strategy: Update

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Grimes
Management Agenda 2022 – 2023
Targets for Action

TOP PRIORITY

Fire Station: Design and Funding

Library Phase 2: Direction and Funding

GrimesPlex: Award Bid, Construction and Opening

Area Plans for Growth Areas (4):
Development – WRA Territory; South James Territory;
NW Territory; Destination Drive Territory

Construction Observation Management In-House:
Direction and Funding

Annexations (2): Completion – County Line Road; 19th Street

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HIGH PRIORITY

Long-Range Citywide Services and Staffing Plan Development (5-10 Year): Assumption, Development and Direction

Water System Model Implementation: Phase 1 Projects (4)

Fire 28eAgreement:
Direction, Negotiations and Agreement Approval

Enterprise Rates and Adjustments:
Report and Direction – Solid Waste and Recycling; Stormwater

Regional Water Future Decision: Direction

Parkland Dedication Ordinance: Development and Adoption

Sanitary Sewer Study: Completion and Adoption

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Grimes
Action Outlines 2022 – 2023

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GOAL 1 HIGH-PERFORMING ORGANIZATION PROVIDING PROFESSIONAL EXCEPTIONAL SERVICES

ACTION: Budget and Tax Rate: Policy Framework and Direction

PRIORITY
Policy Top

Key Issues

- Budget Process Improvements
- Revenue Options – Franchise Fee
- Services and Staffing Level
- Lower Tax Rate
- Infrastructure

Activities/Milestones	*Time*
1. Prepare Budget with Revenue Options	1/23
2. **BUDGET WORKSHOP**: FY 24 Presentation and Direction	2/23
3. **DECISION**: Budget FY 24 Adoption and Tax Rate	3/23

Responsibility: Finance Director

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ACTION: Fire Services: Options, Direction and City Actions

PRIORITY
Policy Top

Key Issues	*Activities/Milestones*	*Time*
	1. Research options and best practices	1/23
	2. Prepare Report	2/23
	3. **BRIEFING**: Direction	3/23
	4. **DECISION**: Budget FY 24 Adoption Funding for Grimes Fire Enhancements	3/23

Responsibility: City Administrator

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ACTION: Debt Service Levy Alignment with Strategic Priorities: Direction and Next Steps

PRIORITY
Policy Top

Key Issues	*Activities/Milestones*	*Time*
• Future Projects	1. Finalize CIP	12/22
• Debt Level Increase	2. Complete Debt Model Update	1/23
• Link to Future Operations and Maintenance Budgets	3. **BUDGET WORKSHOP**: FY 24 Presentation and Discussion	2/23
• Growth Assumptions	4. **DECISION**: Debt Service Levy	3/23

Responsibility: Finance Director

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ACTION: Water Supply and Treatment System: Complete Evaluation, Report, Direction

PRIORITY
Policy Top

Key Issues

- Water Sources Difficulty
- Jordan Wells
- Production Expansion Meeting Future Sources
- Alternative Sources
- Link to Regional Water
- Future Water Sources

Activities/Milestones	*Time*
1. **DECISION**: Award Professional Services Agreement	12/22
2. Complete Report	8/23
3. **REPORT**: Presentation and Discussion	9/23

Responsibility: Public Works Director/City Engineer

ACTION: Civic Campus Master Plan: Direction, Plan Development and Funding

PRIORITY
Policy High

Key Issues

- Staffing Needs – Short Term and Long Term
- Funding Options
- Campus Layout –Waterworks
- GCC/City Hall Value and Options

Activities/Milestones	*Time*
1. Define Project Scope	12/22
2. Prepare budget proposal	12/22
3. **BUDGET WORKSHOP**: FY 24 Presentation and Direction	2/23
4. **DECISION**: Budget FY 24 Adoption	7/23
5. **DECISION**: Award Professional Services Agreement	10/23
6. Develop Preliminary Plan/Report on Waterworks	10/23
7. STRATEGIC PLANNING WORKSHOP	10/23
8. Fine-Tune Plan/Report	12/23

Responsibility: Development Services Director

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ACTION: City Proactive Strategic Communications Expansion: Next Steps, Direction and Funding

PRIORITY
Policy

Key Issues

- GrimesPlex Information
- Wallace Farm Information
- James Street Project Information
- Community Survey: Outcomes/Objectives and Best Practices
- Website Content Expansion
- Rental Inspection Information
- Parks Community Involvement
- Library Project Information
- Fire Station Project Information
- Splash Pad Project Information
- Budget Information – Community Understanding
- Positive City Narratives Expansion
- Winter Events and Snow Removal

Activities/Milestones	*Time*
1. Develop budget proposal	12/22
2. **BUDGET WORKSHOP**: FY 24 Presentation and Discussion	2/23
3. **DECISION**: Budget FY 24 Adoption – Funding	3/23
4. Prepare "White Paper" on Community Survey	10/23
5. STRATEGIC PLANNING WORKSHOP	10/23

Responsibility: Marketing and Communications Director

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ACTION: Equipment Replacement Plan: Development, Direction and Funding Mechanism

PRIORITY
Policy

Key Issues	*Activities/Milestones*	*Time*
• Funding Approach • Supply Chain • Purchase – Order Time and Delivery Time • Delays on Delivery	1. Update Information 2. Finalize Plan 3. **BUDGET WORKSHOP**: FY 24 Presentation and Discussion 4. **DECISION**: Budget FY 24 Adoption and Funding	12/22 1/23 2/23 3/23

Responsibility: Finance Director

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ACTION: Storm Water Programs: Report with Options, Direction and Funding (Rain Barrels and Soil Restoration)

PRIORITY
Policy

Key Issues

- Rain Barrel
- Soil Restoration
- Reimbursement Approach/ Level
- City Role
- Qualified Contract
- Model (Best Practice)
- Funding

Activities/Milestones	*Time*
1. Prepare Report on Program	12/22
2. Prepare Budget Proposal	12/22
3. **BUDGET WORKSHOP**: FY 24 Presentation and Discussion	2/23 3/23
4. **DECISION**: Budget FY 24 Adoption	
5. **DECISION**: Policy and Program Adoption	4/23
6. Implement Program	7/23

Responsibility: Public Works Director

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ACTION: Fire Station: Design and Funding

PRIORITY
Mgmt Top

Key Issues

- Owner Representative
- Architectural Design
- Funding Mechanism

Activities/Milestones	*Time*
1. **DECISION**: Award Professional Services Agreement	11/22
2. **DECISION**: Award Architectural Contract	2/23
3. Complete Architectural Decision	10/23
4. **PRESENTATION**: Design	10/23
5. P&Z: Review	12/23
6. **DECISION**: Site Plan	1/24

Responsibility: Development Service Director/Fire Chief

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ACTION: Construction Observation Management In-house: Direction and Funding

PRIORITY
Mgmt Top

Key Issues

- Construction Monitoring
- Contractor Accountability
- Relationship to DMACC

Activities/Milestones	*Time*
1. Prepare budget proposal	12/22
2. **BUDGET WORKSHOP**: FY 24 Presentation and Discussion	2/23
3. **DECISION**: Budget FY 24 Funding	3/23

Responsibility: Development Services Director

ACTION: Long-Range Citywide Services and Staffing Plan Development (5-10 Year): Assumption, Development and Direction

PRIORITY
Mgmt High

Key Issues	*Activities/Milestones*	*Time*
• Growth	1. Obtain departmental staffing request	3/23
• Service Demands	2. Prepare Plan Update	10/23
• Link to Civic Campus/City Hall		

Responsibility: Human Resources Director

ACTION: Water System Model Implementation: Phase 1 Projects (4)

PRIORITY
Mgmt High

Key Issues

- SRF Loan

Activities/Milestones	*Time*
1. **DECISION:** CIP Project Direction	12/22
2. **DECISION**: CIP Project Funding	3/22
3. Complete designs for Phase 1 Project	4/23
4. **DECISION**: Award Construction	5/23
5. **DECISION**: SRF Loan	5/23
6. Complete Construction	
a. Pipe	10/23
b. Tank	10/24

Responsibility: City Engineer

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ACTION: Fire 28eAgreement: Direction, Negotiations and Agreement Approval

PRIORITY
Mgmt High

Key Issues	*Activities/Milestones*	*Time*
• New City Administrator	1. Review agreement	11/22
• 1 year Extension	2. Meet with City Administrator	12/22
• Term Length	3. Complete negotiate to refine Agreement	5/23
	4. **DECISION**: Fire 28eAgreement Approval	6/23

Responsibility: City Administrator/Fire Chief

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ACTION: Enterprise Rates and Adjustments: Report and Direction

a. Solid Waste and Recycling
b. Stormwater

PRIORITY
Mgmt High

Key Issues	*Activities/Milestones*	*Time*
• Inflation	A. Solid Waste and Recycling	
	1. Vendor Notifies City	4/23
	2. **PRESENTATION**: Ordinance	5/23
	3. **DECISION**: Ordinance Adoption	6/23
	4. New Rates	7/23
	B. Stormwater	
	1. Update Cash Flow Model	1/23
	2. **BUDGET WORKSHOP**: Presentation and Discussion	2/23

Responsibility: Finance Director

ACTION: Federal Infrastructure Program Preparation: Project Readiness, Project Priority and Direction

PRIORITY
Mgmt

Key Issues

- James Street
- Highway 44

Activities/Milestones	*Time*
1. Evaluate Funding Opportunities	12/22
2. Determine projects for Fast Track Design	1/23
3. **BUDGET WORKSHOP**: Presentation and Project Priority	2/23

Responsibility: City Engineer

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ACTION: Network Equipment Upgrade /Replacement (Wired and Wireless): Report, Direction and Funding

PRIORITY
Mgmt

Key Issues

- Product Availability
- Funding
- Fiber Infrastructure Issue

Activities/Milestones	*Time*
1. Refresh concept and pricing	11/22
2. Prepare CIP proposal	11/22
3. **CIP WORKSHOP**: Presentation and Direction	12/22
4. **DECISION**: CIP FY 24 Funding	3/23
5. Order Equipment	7/23
6. Complete Installation of Equipment	12/23

Responsibility: IT Director

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ACTION: City Organization Culture Action Plan: Implementation

PRIORITY
Mgmt

Key Issues	*Activities/Milestones*	*Time*
	1. Develop Employee Committee	5/23
	2. **REPORT**: Process Improvements Update	9/23
	3. Complete Team Performance Enhancements	10/23

Responsibility: City Administrator

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▶ Management in Progress 2022 – 2023

				TIME
1	1.	Strategic Plan: Update	CA	11/22
1	2.	Reap 2023 Grant: Application/Agreement (Council Decision)	DS	11/22
1	3.	IT Security Protocols	IT	7/23
1	4.	IT Training: Citywide	IT	1/23
1	5.	Agenda Management Software Solution: Completed	CC	10/23
1	6.	Building Maintenance Plan: Development	PW	12/23
1	7.	Fire Safety Education: Plan Development	Fire	3/23
1	8.	Fire Specialty Services Analysis and Plan Development	Fire	5/23
		a. Confined Space		
		b. Trench Rescue		
1	9.	High Risk Structures: Pre-Plans	Fire	6/23
1	10.	New Employee Orientation Program: Development	HR	7/23
1	11.	Employee Engagement and Productivity Metrics: Development	HR	12/23
1	12.	Water Rescue Metro Response: Plan and Agreement	Fire	3/23
1	13.	Drone Use Expansion: Training Completion	Fire	7/23
1	14.	Statement Billing for Customers: Completion	Fin	4/23
1	15.	Firefighter Sleep Trailer: Annual Lease Renewal	Fire	9/23
1	16.	ADA Compliance Officers: Identification and Certification	HR	9/23
1	17.	Collective Bargaining and Labor Agreements: Strategy	HR	3/23
		a. IAFF		
		b. AFSCME		
1	18.	Parks Donation Policy/Program: Development	P&R	1/23
1	19.	Transient Merchant Ordinance: Development and Adoption (City Council)	DS	2/23
1	20.	AP/AR/Payroll/Ambulance Collection Procedural Manual: Completion	Fin	6/23
1	21.	Private Fire Hydrants Maintenance System: Development	Fire	6/23
1	22.	Fire Station Connectivity	Fire	
		a. City Network		9/23
		b. Fiber Connectivity to Johnston		2024
1	23.	Utility Bills Redesign: Completion	Fin	5/23
1	24.	Parks & Recreation Organization Chart: Update	P&R	1/23
1	25.	Electronic Signature for Documents: Completion	CC	7/23
1	26.	In-House Engineering Inspection: Completion	DS	2/23
1	27.	Budget Worksheets Upgrade: Completion	FIN	12/22
1	28.	SOPs for Utility Billing/US Water/Development Services Crossover: Creation	FIN	5/23

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▶ Management in Progress 2022 – 2023				TIME
1	29.	Process Mapping for US Water Distribution, Public Works and Billing	FIN	7/23
1	30.	Asset Management Solutions for Public Works: Implementation	PW	12/23
1	31.	Water Distribution Training for Employees: Completion	FIN	7/23
1	32.	Citizen Fire Academy: Planning and Implementation	FIRE	11/22
1	33.	Fire SOP/G Revision: Completion	FIRE	6/23
1	34.	Fire Apparatus Purchase: Order and Delivery a. Pickup Truck	FIRE	3/23
1	35.	Liquor License Inspections Management: Completion	FIRE	2/23
1	36.	New Employee Orientation Development: Completion	HR	9/23
1	37.	Ongoing Training Programs Expansion: Completion	HR	9/23
1	38.	Lean Program: Implementation	HR	9/23
1	39.	Office 365 Migration of Email to Cloud: Completion	IT	11/22
1	40.	Office 365 Collaboration Software Deployment (Teams/ SharePoint): Completion	IT	1/23
1	41.	Multi-Factor Authentication (MFA) for Email: Completion	IT	11/22
1	42.	Self-Service Password Reset (SSPR) for Microsoft Accounts: Completion	IT	11/22
1	43.	Mobile Device Management (MDM/InTune): Completion	IT	1/23
1	44.	Network Equipment Consolidation – Public Works: Completion	IT	11/22
1	45.	Network Equipment Consolidation – City Hall: Completion	IT	11/22
1	46.	Enterprise Adobe Licensing: Completion	IT	4/23
1	47.	Network Closet Clean Up – Public Works: Completion	IT	11/22
1	48.	Network Closet Clean Up – City Hall: Completion	IT	11/22
1	49.	Laserfiche Re-Launch: Completion	IT	1/23
1	50.	Access Control – Single Citywide System: Completion	IT	3/23
1	51.	Azure DNS Hosting: Completion	IT	4/23
1	52.	Edge Firewall to Next Generation Firewall Upgrade/ Replacement: Completion	IT	10/23
1	53.	Transition Library to City Network: Completion	IT	5/23
1	54.	Desktop Remote Support Software: Completion	IT	7/23
1	55.	DNS-Based Content Filtering: Completion	IT	7/23
1	56.	Expanded Security Monitoring Software for Desktops and Network: Completion	IT	10/23
1	57.	Crisis Communications Policy: Development and Adoption	M&C	12/22
1	58.	Social Media Policy: Development and Adoption	M&C	12/22

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▶ Management in Progress 2022 – 2023

				TIME
1	59.	Media Training: Completion	M&C	4/23
1	60.	City Website Update: Completion	M&C	Ongoing
1	61.	City Intranet Development: Completion	IT	7/23
	62.	IT Policies: Development	IT	7/22
	63.	Cyber Security New Technology: Implementation	IT	9/23
	64.	City Access Control for Building: Completion	IT	4/23
	65.	Consolidated Security Camera System: Implementation, Council Decision – Funding	IT	10/23

▶ Major Projects 2022 – 2023

				TIME
1	1.	WRA Project: Construction	Mgmt	12/23
1	2.	Permanent Traffic Signal at County Line/Highway 44	PW	10/23
1	3.	Annual Asphalt Overlay Program	PW	7/23
1	4.	Annual Concrete Patching Program	PW	7/23
1	5.	Council Chamber New Dias: Completion	CC	7/23

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GOAL 2 GREAT PLACE TO LIVE THROUGH EXPANDED QUALITY-OF-LIFE AMENITIES

ACTION: Wallace Farms Development: Next Steps – Phase 1 Completion; Phase 2 and Phase 3: Direction and Funding

PRIORITY
Policy Top

Key Issues

- Funding
- Public Perception
- Trailer Park
- Stormwater
- Future Use
- Cemetery Expansion

Activities/Milestones	*Time*
A. Phase 1	
1. Complete design	4/23
2. Bid	5/23
3. P&Z Review	6/23
4. **DECISION**: Site Plan	6/23
5. **DECISION**: Award Construction	6/23
6. Complete Project	6/24
B. Phase 2 and Phase 3	
1. Develop CIP project proposal	12/22
2. **CIP WORKSHOP**: Presentation and Discussion	12/22
3. **DECISION**: CIP FY 24 Adoption	3/23

Responsibility: Parks & Recreation Director

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ACTION: Trail Connectivity to High School Gap Analysis and Projects: Update Report with Options, Direction, Funding and City Actions

PRIORITY
Policy High

Key Issues

- Funding
- Design
- Options – Highway 44and Follow Creek
- Easement Acquisition
- Link to Middle School
- Alignment with Highway 44
- Discussion with School District
- Goal: Open before School (8/23)

Activities/Milestones	*Time*
1. **REPORT**: Project Update	11/22
2. Prepare CIP budget for design	11/22
3. **CIP WORKSHOP**: FY 24 Presentation and Discussion	12/22
4. **DECISION**: CIP FY 24 Adoption	3/23
5. **DECISION**: Award Professional Service Agreement for Design	7/23
6. Complete Design	10/23
7. Bid	11/23
8. **DECISION**: Award Construction	12/23
9. Complete Construction	2024

Responsibility: Parks & Recreation Director

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ACTION: Community Events/Festivals Expansion: Evaluation, Outcomes, Report with Options, Direction and Funding

PRIORITY
Policy

Key Issues

- New Programs
- Funding
- Finding Volunteers
- Potential Private Events
- Private Provider
- 2 – 3 New Festivals

Activities/Milestones	*Time*
1. Develop Expansion Plan	1/23
2. Develop budget proposal	1/23
3. Park Board: Plan Review	1/23
4. **BUDGET WORKSHOP**: FY24 Presentation and Discussion	2/23
5. **PRESENTATION**: Plan	3/23
6. **DECISION**: Budget F 24 Funding	3/23
7. Implement Expanded Events	4/23

Responsibility: Parks & Recreation Director

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ACTION: Existing Trail Improvements and Maintenance Annual Funding: Report, Direction and Funding

PRIORITY
Policy

Key Issues

- Dedicated Funding Source
- Project Definition

Activities/Milestones	*Time*
1. Identify and analyze trail gaps	12/22
2. Define projects	12/22
3. Develop budget line-item dedicated to trail improvements/maintenance	12/22
4. **BUDGET WORKSHOP**; FY 24 Presentation and Discussion	2/23
5. **DECISION**: Budget FY24 Funding	3/23

Responsibility: Parks & Recreation Director

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ACTION: Recreational Programming Expansion: Report

PRIORITY
Policy

Key Issues	*Activities/Milestones*	*Time*
• City Role • Expanding Programs	1. Prepare expanding recreational programs	12/22
	2. P**RESENTATION**: Recreation Program Update – Spring/Summer	12/22

Responsibility: Parks & Recreation Director

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ACTION: Standardized Park Amenities for Existing Parks: Development, Direction and Funding (Parking, Modern Restroom, Signage, Shelters and Drinking Fountains)

PRIORITY
Policy

Key Issues

- Standards Definition
- Phasing

Activities/Milestones	*Time*
1. Complete designs with cost estimates – Phase 1	1/23
2. Develop budget proposal for Phase 1	1/23
3. **BUDGET WORKSHOP**: FY 24 Presentation	2/23
4. **DECISION**: Budget FY 24 Funding for Park Amenities	3/23

Responsibility: Parks & Recreation Director

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ACTION: Library Phase 2: Direction and Funding

PRIORITY
Mgmt Top

Key Issues	*Activities/Milestones*	*Time*
• Operation Budget	1. Prepare budget proposal	12/22
	2. **BUDGET WORKSHOP**: FY 24 Presentation and Discussion	2/23
	3. **DECISION**: Budget FY 24 Funding	3/23

Responsibility: Library Director

ACTION: Parkland Dedication Ordinance: Development and Adoption

PRIORITY
Mgmt High

Key Issues	*Activities/Milestones*	*Time*
	1. **DECISION**: Ordinance Adoption	7/23

Responsibility: Development Services Director

▶ Management in Progress 2022 – 2023

				TIME
2	1.	Library Staff Continuing Education for New Building: Completion	LIB	7/23
2	2.	Library Fund Raising: Completion	LIB	Ongoing
2	3.	Library Accreditation: Preparation	LIB	1/23
2	4.	Library Technology Upgrade: Completion	LIB	7/23
2	5.	Library Moving and Opening Plan: Development	LIB	8/23
2	6.	Spring/Summer Program Guide: Completion	LIB P&R	3/23
2	7.	Library Onboarding for New Staff: Development	LIB	5/23
2	8.	Increase Coverage of Night and Weekend Recreation Activities Due to Doubling Number of Programs: Completion	P&R	7/23

▶ Major Projects 2022 – 2023

				TIME
2	1.	Library Project: Construction and Opening	LIB	10/23
2	2.	Splash Pad at Waterworks Park: Completion	P&R	7/23
2	3.	Multi- Golf Park at Glenstone Park Development: Completion a. Design b. Construction	P&R	6/23
2	4.	Wallace Farm Phase 1: Grading and Parking Lot	P&R	2024
2	5.	Heritage Park: Construction and Opening	P&R	4/23

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GOAL 3 DYNAMIC TOWN WITH A STRONG SENSE OF COMMUNITY

ACTION: James Street Corridor Study: Direction and Funding

PRIORITY
Policy Top

Key Issues

- Project Phasing
- Construction Contract
- Inflation
- Contractor Availability

Activities/Milestones	*Time*
1. Complete Study	12/22
2. **PRESENTATION**: Study	12/22
3. **CIP WORKSHOP**: FY 24 Discussion	12/22
4. **DECISION**: CIP FY 24 Funding	3/23
5. Complete Design Phase 1A – SE 11th Connection to James Street	3/23
6. Bid: Phase 1A	4/23
7. **DECISION**: Award Construction for Phase1A	5/23
8. Complete Construction of Phase	2025

Responsibility: Development Services Director/City Engineer

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ACTION: Annexations (2): Completion

PRIORITY
Mgmt Top

Key Issues

- Voluntary Annexations

Activities/Milestones	*Time*
A. County Line Road	
1. Prepare Resolution	11/22
2. **DECISION**: Annexation Resolution	11/22
3. City Development Board: Action	1/23
4. **DECISION**: Final Approval	2/23
B. 19th Street	
1. Prepare Resolution	3/23
2. **DECISION**: Annexation Resolution	3/23
3. City Development Board: Action	4/23

Responsibility: Development Services Director

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ACTION: Highway 44 Corridor Study: Completion, Direction and Funding

PRIORITY
Policy High

Key Issues

- IDOT
- Funding

Activities/Milestones	*Time*
1. Complete Study	12/22
2. PRESENTATION: Study	12/22
3. **CIP WORKSHOP**: FY 25 Project Discussion	12/23
4. **DECISION**: CIP FY 25 Funding	3/24

Responsibility: Development Services Director/City Engineer

ACTION: City Economic Development Strategy: Review and Update

PRIORITY
Policy High

Key Issues

- Economic Development Incentive
- Part-Time ED Position
- Business Retention Visits
- Retail Development
- Economy Impacts on Development
- Small Business Retention and Growth
- Retail Attraction Strategy/Action Plan
- Retail Study
- Governors District Update

Activities/Milestones	*Time*
1. Prepare updated information – Strategic Plan, Last Year Activities and Plan for 2023	11/22
2. **PRESENTATION**: Strategy, Action Plan and Direction	12/22

Responsibility: GCED President

ACTION: Comprehensive Housing Study: Assessment, Report with Findings and Options, City Role and Direction

PRIORITY
Policy High

Key Issues

- Engagement
- Data Analysis
- Funding
- Outcomes
- Definition: Affordability, Attainability
- City Role
- Best Practices

Activities/Milestones	*Time*
1. Define scope and cost estimate	12/22
2. **BUDGET WORKSHOP**: FY 24 Presentation and Discussion	2/23
3. **DECISION**: Budget FY 24 Funding	3/23
4. Issue RFP for Study	7/23
5. **DECISION**: Award Contract	9/23
6. Complete Study	9/24

Responsibility: Development Services Director

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ACTION: GrimesPlex: Award Bid, Construction and Opening

PRIORITY
Mgmt Top

Key Issues
• Funding Analysis
• Revenues from Facilities
• Interest Rate
• Inflationary Pressure

Activities/Milestones	*Time*
1. Complete funding analysis	11/22
2. Prepare recommendations	11/22
3. **DECISION**: Award Contract for Construction	11/22
4. Complete Construction	11/23
5. Grand opening	4/24

Responsibility: City Engineer

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ACTION: Area Plans for Growth Areas (4): Development

PRIORITY
Mgmt Top

a. WRA Territory
b. South James Territory
c. NW Territory
d. Destination Drive Territory

Key Issues

- Land Uses
- Land Use Changes
- Property Owner Engagement

Activities/Milestones	*Time*
1. Incorporate Master Street Plan Development	3/23
2. Complete Plan A & B	4/23
3. P&Z: Review A & B	5/23
4. **DECISION**: Plan Adoption A & B	5/23
5. P&Z: Review C & D	8/23
6. **DECISION**: Plan Adoption C & D	8/23

Responsibility: Development Services Director

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ACTION: Regional Water Future Decision: Direction

PRIORITY
Mgmt High

Key Issues

- Water Source
- Water Assets
- Governance
- Access to System
- Financial Analysis
- Rate Structure
- Assets Evaluation

Activities/Milestones	*Time*
1. Update 28e Agreement	5/23
2. Complete staff evaluation	8/23
3. Prepare recommendations	9/23
4. **DECISION**: 28e Agreement	10/23

Responsibility: City Engineer

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ACTION: Sanitary Sewer Study: Completion and Adoption

PRIORITY
Mgmt High

Key Issues	*Activities/Milestones*	*Time*
• Improvement	1. Complete Study	1/23
• New Truck Lines	2. **PRESENTATION**: Study	2/23
• Link to CIP Project		

Responsibility: City Engineer

▶ Management in Progress 2022 – 2023

				TIME
3	1.	Marketing Local Development Opportunities	ED	Ongoing
3	2.	Important Databases: Regular Updates a. LOIS Sites b. LOIS Buildings c. ED Tracker	DS	Ongoing
3	3.	Video Library: Development (4 for Economic Development)	ED	10/23
3	4.	SUDAS Supplemental Specs: Development (City Council)	DS	7/23
3	5.	Business Retention and Expansion Visits	ED	Ongoing
3	6.	Stormwater Management Ordinance: Development and Adoption (City Council)	DS	7/23
3	7.	Food Trucks Inspections and Licensing	FIRE	3/23
3	8.	Fire Tracking Inspections	FIRE	2/23
3	9.	Fire Protection Systems Permitting Requirements: Modifications/Ordinance Changes (Difference between City of Johnston and City of Grimes) (City Council)	FIRE	4/23
3	10.	Storm Water Compliance Enforcement Transition: Completion	PW	8/23
3	11.	Street Sweeping Program: Development	PW	4/23
3	12.	Verify the Public Utility Network Assets: Completion	PW	4/24
3	13.	Water Distribution and Sewer Collection Division Staffing: Completion (Council Decision: Budget FY 24 Funding)	PW	2/24

▶ Major Projects 2022 – 2023

				TIME
3	1.	Traffic Signal Network Project: Completion	ENGR	
		a. 19th/James – Temporary		5/23
		b. County Line/44		1/23
3	2.	Traffic Signals: Installation	ENGR	9/23
3	3.	SE Jacob Resurfacing Replacement: Construction	ENGR	6/23
3	4.	19th Corridor Sewer – West of James: Construction Completion	ENGR	10/23
3	5.	Annual Sewer Cleaning and Televising	ENGR	7/24
3	6.	Annual Sewer Lining Projects	ENGR	7/24
3	7.	Trail Ridge Road Reconstruction	ENGR	10/23
3	8.	NE Destination Drive: Construction	ENGR	12/23
3	9.	NE Beaverbrooke Boulevard: Construction	ENGR	12/23
3	10.	WRA Plant Decommission	PW	9/23

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GOAL 4 MORE BEAUTIFUL, VIBRANT COMMUNITY

ACTION: Tree Farm and Greenhouse Arboretum Nursery: Concept, Location, Direction and Funding

PRIORITY
Policy High

Key Issues

- Concept
- City Role
- Best Practices
- Location
- Departmental Responsibility
- Use of Trees and Plants

Activities/Milestones	*Time*
1. Develop concept plan and cost estimate	12/22
2. Prepare budget proposal	12/22
3. **BUDGET WORKSHOP**: FY 24 Presentation and Discussion	2/23
4. **DECISION**: Budget FY 24	3/23

Responsibility: Public Works Director

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ACTION: Tree and Forestation Policy, Plan and Program: Direction and Funding

PRIORITY
Policy High

Key Issues

- City Role
- ROW Trees
- Tree Maintenance
- Tree Removal
- Funding
- Tree Types
- Tree Locations
- Utility Lines
- Who Decides – City Council or Staff
- Maintenance Regulations

Activities/Milestones	*Time*
1. Secure consultant	7/23
2. Review existing ordinance	8/23
3. Investigate best practices	8/23
4. Prepare draft ordinance	10/23
5. **DECISION**: Ordinance Adoption	11/23
6. Prepare CIP budget proposal	12/23
7. **CIP WORKSHOP**: Discussion and Direction	12/23
8. **DECISION**: CIP Budget FY 25 – Funding for Trees and Forestation	3/24

Responsibility: Public Works Director

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ACTION: Zoning Ordinance: Review and Revision

a. Landscape and Lighting
b. Architectural Standards

PRIORITY
Mgmt

Key Issues	*Activities/Milestones*	*Time*
	1. Review and update ordinances	9/22
	2. P&Z: Review	10/23
	3. **DECISION**: Ordinances Adoption	10/23

Responsibility: Development Services Director

▶ **Management in Progress 2022 – 2023**			**TIME**
4	1. Tree Plantings: Annual (100)	PW	10/23
4	2. Debris Management Program: Development	PW	6/23

Policy Calendar 2022 – 2023

MONTH

November 2022

1. **DECISION**: Award Professional Services Agreement for Fire Station

2. **DECISION:** REAP Grant Agreement

3. **REPORT**: Trail Connectivity to High School Project Update

4. **DECISION**: County Line Road Annexation Resolution

5. **DECISION**: Award Contract for GrimesPlex Construction

6. **DECISION**: Tree and Forestation Policy Ordinance Adoption

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MONTH

December 2022

1. **DECISION**: Award Professional Services Agreement for Water Supply and Treatment System

2. **CIP WORKSHOP**
   a. Water System Model and Phase 1 Projects
   b. Network Equipment Upgrade and Replacement
   c. Wallace Farms Phase 2 and Phase 3
   d. Trail to High School
   e. James Street Corridor Project 1A
   f. Trees and Forestation

3. P**RESENTATION**: Recreation Program Update – Spring/Summer

4. **PRESENTATION**: James Street Corridor Study

5. **PRESENTATION:** Highway 44 Corridor Study

6. **PRESENTATION**: Economic Development Strategy, Update, Action Plan and Direction

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MONTH

January 2023

1.

2.

3.

4.

5.

6.

MONTH

February 2023

1. **BUDGET WORKSHOP**: FY 24 Presentation and Direction
    a. Tax Rate
    b. Grimes Fire Enhancements
    c. Civic Campus Master Conceptual Plan
    d. Proactive Communications Expansion
    e. Equipment replacement Plan
    f. Storm Water Programs
    g. Construction Observation Management In-house
    h. Storm Water Cash Flow Model
    i. Federal infrastructure Project Preparation
    j. Community Events/Festivals Expansion
    k. Existing Trail Improvements and Maintenance
    l. Standardized Park Amenities
    m. Library Phase 2
    n. Comprehensive Housing Study
    o. Tree Farm and Greenhouse

2. **DECISION**: Award Architectural Contract for Fire Station

3. **DECISION**: County Line Road Final Approval

4. **PRESENTATION**: Sanitary Sewer Study

5.

6.

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MONTH

March 2023

1. **DECISION**: Budget FY 24 Adoption and Tax Rate

2. **BRIEFING**: Fire Services Direction

3. **DECISION**: Debt Service Levy

4. **DECISION**: CIP FY 24 Adoption and Funding

5. **PRESENTATION**: Community Events and Festivals Plan

6. **DECISION**: 19th Street Annexation Resolution

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MONTH

April 2023

1. **DECISION**: Storm Water Policy and Program Adoption

2. **DECISION**: Fire Protection Systems Permitting Requirements: Modifications/Ordinance Changes

3.

4.

5.

6.

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MONTH

May 2023

1. **DECISION**: Award Construction Water System Projects Phase 1

2. **DECISION**: SRF Loan for Water System Projects

3. **PRESENTATION**: Solid Waste and Recycling Ordinance

4. **DECISION**: Award Construction for James Street Corridor Phase1A

5. **DECISION**: Plan Adoption WRA Territory & South James Territory

6.

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MONTH

June 2023

1. **DECISION**: Fire 28eAgreement Approval

2. **DECISION**: Solid Waste and Recycling Ordinance Adoption

3. **DECISION**: Wallace Farms Site Plan

4. **DECISION**: Award Construction for Wallace Farms Phase 1

5.

6.

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MONTH

July 2023

1. **DECISION**: Award Professional Service Agreement for Design for Trail to High School

2. **DECISION**: Parkland Dedication Ordinance Adoption

3. **DECISION**: SUDAS Supplemental Specs: Development

4.

5.

6.

MONTH

August 2023

1. **DECISION**: Plan Adoption NW Territory & Destination Drive Territory
2.
3.
4.
5.
6.

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MONTH

September 2023

1. **REPORT**: Water Supply and Treatment System Presentation and Discussion

2. **REPORT**: Process Improvements Update

3. **DECISION**: Award Contract for Comprehensive Housing Study

4.

5.

6.

MONTH

October 2023

1. **STRATEGIC PLANNING WORKSHOP**
   a. Civic Campus
   b. Community Survey

2. **DECISION**: Award Professional Services Agreement for Civic Campus Master Conceptual Plan

3. **PRESENTATION**: Fire Station Design

4. **DECISION**: Regional Water 28e Agreement

5. **DECISION**: Landscape and Lighting Ordinance Adoption

6. **DECISION**: Architectural Standards Ordinance Adoption

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EXECUTIVE SUMMARY

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STRATEGIC FRAMEWORK

VISION

"Desired Destination for Grimes"

PLAN 2028

"Map to Grimes's Destination"

EXECUTION

"Route for Next Year"

MISSION

"Responsibilities of Grimes's City Government"

BELIEFS

"How Grimes's City Government Should Operate"

Grimes
Vision 2038

GRIMES VISION 2038

***GRIMES 2038 is a* BEAUTIFUL COMMUNITY**
with a
"SMALL-TOWN" FEELING –
STRONG SENSE OF COMMUNITY.

***GRIMES 2038 has* GREAT HOUSING OPPORTUNITIES**
and a
GROWING BUSINESS COMMUNITY.

***GRIMES 2038 is a* FUN COMMUNITY FOR FAMILIES**
and has
CONVENIENT MOBILITY OPTIONS FOR ALL.

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Grimes City Government:
Our Mission

***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 RESIDENTS' LIVES.

Grimes City Government:
Core Values

"The Grimes Way"

We are *RESPECTFUL!*

We act with *INTEGRITY!*

We take *RESPONSIBILITY!*

We are *HARD WORKING!*

We practice *TEAMWORK!*

We are *PROFESSIONAL!*

City of Grimes
Goals 2028

HIGH-PERFORMING ORGANIZATION
PROVIDING PROFESSIONAL EXCEPTIONAL SERVICES

GREAT PLACE TO LIVE
THROUGH EXPANDED QUALITY-OF-LIFE AMENITIES

DYNAMIC TOWN WITH A STRONG SENSE OF COMMUNITY

MORE BEAUTIFUL, VIBRANT COMMUNITY

GOAL 1 HIGH-PERFORMING ORGANIZATION PROVIDING PROFESSIONAL EXCEPTIONAL SERVICES

▶ Objectives

1. Develop and funding a capital project and community investment planning and process
2. Upgrade City facilities to meeting the needs of a growing community and the provision of "Exceptional City Services"
3. Effectively communicate with our Grimes community with accurate and truthful information
4. Deliver "Exceptional City Services" in a cost-effective and efficient manner
5. Hire, develop and retain a top-quality City workforce dedicated to serving the Grimes community
6. Upgrade information technology in City government, including cyber and information security
7. Have sufficient resources and staffing to support "Exceptional City Services" and defined City services and levels of service

▶ Short-Term Challenges and Opportunities

1. Aging, undersized City buildings, facilities and infrastructure
2. Developing a positive narrative in an environment with negative social media and disinformation about the City government
3. Keeping up with information technology changes
4. Desire for tax reductions
5. Increasing costs due to supply chain issues and contractor bids
6. Funding for City staff to keep up with a rapidly growing community and increasing service demands
7. Continuing to utilize LOSST revenues with evolving community expectations
8. Increasing cost of delivering City services
9. Managing market slowdown on rates and taxes

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▶ Actions 2022 – 2023

Policy Agenda

1.	Budget and Tax Rate: Policy Framework and Direction	Top Priority
2.	Fire Services: Options, Direction and City Actions	Top Priority
3.	Debt Service Levy Alignment with Strategic Priorities Direction and Next Steps	Top Priority
4.	Water Supply and Treatment System: Complete Evaluation, Report, Direction	Top Priority
5.	Civic Campus Master Plan: Direction, Plan Development and Funding	High Priority
6.	Equipment Replacement Plan: Development, Direction and Funding Mechanism	
7.	City Proactive Strategic Communications Expansion: Next Steps, Direction and Funding	
8.	Storm Water Programs: Report with Options, Direction and Funding (Rain Barrels and Soil Restoration)	

Management Agenda

1.	Fire Station: Design and Funding and Funding	Top Priority
2.	Construction Observation Management In-house: Direction and Funding	Top Priority
3.	Long Range Citywide Services and Staffing Plan Development (5-10 Year):Assumption, Development and Direction	High Priority
4.	Water System Model Implementation: Phase 1 Project (4)	High Priority
5.	Fire 28eAgreement: Direction, Negotiations and Agreement Approval	High Priority
6.	Enterprise Rates and Adjustments: Report and Direction a. Solid Waste and Recycling b. Stormwater	High Priority
7.	Network Equipment Upgrade/Replacement (Wired and Wireless): Report, Direction and Funding	
8.	Federal Infrastructure Program Preparation: Project Readiness, Project Priority and Direction	
9.	City Organization Culture Action Plan: Implementation	

Management in Progress

1. Strategic Plan: Update
2. Reap 2023 Grant: Application/Agreement (Council Decision)
3. IT Security Protocols
4. IT Training: Citywide
5. Agenda Management Software Solution: Completed
6. Building Maintenance Plan: Development
7. Fire Safety Education: Plan Development

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▶ Actions 2022 – 2023 continued

Management in Progress

8. Fire Specialty Services Analysis and Plan Development
    a. Confined Space
    b. Trench Rescue
9. High Risk Structures: Pre-Plans
10. New Employee Orientation Program: Development
11. Employee Engagement and Productivity Metrics: Development
12. Water Rescue Metro Response: Plan and Agreement
13. Drone Use Expansion: Training Completion
14. Statement Billing for Customers: Completion
15. Firefighter Sleep Trailer: Annual Lease Renewal
16. ADA Compliance Officers: Identification and Certification
17. Collective Bargaining and Labor Agreements: Strategy
    a. IAFF
    b. AFSCME
18. Parks Donation Policy/Program: Development
19. Transient Merchant Ordinance: Development and Adoption (City Council)
20. AP/AR/Payroll/Ambulance Collection Procedural Manual: Completion
21. Private Fire Hydrants Maintenance System: Development
22. Fire Station Connectivity
    a. City Network
    b. Fiber Connectivity to Johnston
23. Utility Bills Redesign: Completion
24. Parks & Recreation Organization Chart: Update
25. Electronic Signature for Documents: Completion
26. In-House Engineering Inspection: Completion
27. Budget Worksheets Upgrade: Completion
28. SOPs for Utility Billing/US Water/Development Services Crossover: Creation
29. Process Mapping for US Water Distribution, Public Works and Billing
30. Asset Management Solutions for Public Works: Implementation
31. Water Distribution Training for Employees: Completion
32. Citizen Fire Academy: Planning and Implementation
33. Fire SOP/G Revision: Completion
34. Fire Apparatus Purchase: Order and Delivery
    Pickup Truck
35. Liquor License Inspections Management: Completion
36. New Employee Orientation Development: Completion
37. Ongoing Training Programs Expansion: Completion
38. Lean Program: Implementation

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▶ Actions 2022 – 2023 continued

Management in Progress

39. Office 365 Migration of Email to Cloud: Completion
40. Office 365 Collaboration Software Deployment (Teams/ SharePoint): Completion
41. Multi-Factor Authentication (MFA) for Email: Completion
42. Self-Service Password Reset (SSPR) for Microsoft Accounts: Completion
43. Mobile Device Management (MDM/InTune): Completion
44. Network Equipment Consolidation – Public Works: Completion
45. Network Equipment Consolidation – City Hall: Completion
46. Enterprise Adobe Licensing: Completion
47. Network Closet Clean Up – Public Works: Completion
48. Network Closet Clean Up – City Hall: Completion
49. Laserfiche Re-Launch: Completion
50. Access Control – Single Citywide System: Completion
51. Azure DNS Hosting: Completion
52. Edge Firewall to Next Generation Firewall Upgrade/ Replacement: Completion
53. Transition Library to City Network: Completion
54. Desktop Remote Support Software: Completion
55. DNS-Based Content Filtering: Completion
56. Expanded Security Monitoring Software for Desktops and Network: Completion
57. Crisis Communications Policy: Development and Adoption
58. Social Media Policy: Development and Adoption
59. Media Training: Completion
60. City Website Update: Completion
61. City Intranet Development: Completion
62. IT Policies: Development
63. Cyber Security New Technology: Implementation
64. City Access Control for Building: Completion
65. Consolidated Security Camera System: Implementation, Council Decision – Funding

Major Projects

1. WRA Project: Construction
2. Permanent Traffic Signal at County Line/Highway 44
3. Annual Asphalt Overlay Program
4. Annual Concrete Patching Program
5. Council Chamber New Dias: Completion

GOAL 2 GREAT PLACE TO LIVE THROUGH EXPANDED QUALITY-OF-LIFE AMENITIES

▶ Objectives

1. Develop a major legacy park with diverse amenities/venues
2. Replace and expand the City Library
3. Develop a Splash Pad
4. Develop parks with a variety of amenities and park venues, including the use of detention facilities
5. Expand City trail system with connectivity to the regional system
6. Develop diverse recreational programs for all ages

▶ Short-Term Challenges and Opportunities

1. Planning and funding for City infrastructure projects
2. Connecting trails within Grimes and with regional trail system
3. Prioritizing, funding and implementing the Parks and Trail Master Plan
4. Funding and prioritizing for new recreational facilities, parks and trail development
5. Community and residents expectations and willingness to pay for those expectations
6. Planning for the acquisition of future parks
7. Prioritizing and funding park upgrades: improvements, equipment, restrooms and amenities
8. Funding mechanism for amenities
9. Vocal resistance to public projects on social media

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▶ Actions 2022 – 2023

Policy Agenda

1. Wallace Farms Development: Next Steps — Top Priority
    a. Phase 1 Project: Completion
    b. Phase 2 and Phase 3: Direction and Funding
2. Trail Connectivity to High School Gap Analysis and Projects: Update Report with Options, Direction, Funding and City Actions — High Priority
3. Existing Trail Improvements and Maintenance Annual Funding: Report, Direction and Funding
4. Recreational Programming: Expansion: Report
5. Standardized Park Amenities for Existing Parks: Development, Direction and Funding (Parking, Modern Restroom, Signage, Shelters and Drinking Fountains)
6. Community Events/Festivals Expansion: Evaluation, Outcomes, Report with Options, Direction and Funding

Management Agenda

1. Library Phase 2: Direction and Funding — Top Priority
2. Parkland Dedication Ordinance: Development and Adoption — High Priority

Management in Progress

1. Library Staff Continuing Education for New Building: Completion
2. Library Fund Raising: Completion
3. Library Accreditation: Preparation
4. Library Technology Upgrade: Completion
5. Library Moving and Opening Plan: Development
6. Spring/Summer Program Guide: Completion
7. Library Onboarding for New Staff: Development
8. Increase Coverage of Night and Weekend Recreation Activities Due to Doubling Number of Programs: Completion

Major Projects

1. Library Project: Construction and Opening
2. Splash Pad at Waterworks Park: Completion
3. Multi- Golf Park at Glenstone Park Development: Completion
    a. Design
    b. Construction
4. Wallace Farm Phase 1: Grading and Parking Lot
5. Heritage Park: Construction and Opening

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GOAL 3	DYNAMIC TOWN WITH A STRONG SENSE OF COMMUNITY

Objectives

1. Maintain and develop City infrastructure to support a growing community
2. Have strong partnerships among the City, the Schools and community organizations
3. Have residents taking pride in and contributing to the Grimes community
4. Develop a variety of housing options: attainable quality and types
5. Have balanced growth – commercial development and residential development
6. Create a sense of place – community focal point and gathering spaces

Short-Term Challenges and Opportunities

1. Expanding north-south and east-west connectivity within Grimes
2. Managing and supporting growth
3. Prioritize and funding for City facilities and infrastructure to support growth
4. Integrating the CIP and major studies implementation
5. Managing increases in traffic volume
6. Funding for maintenance and operations
7. Implementing Rental Housing Program
8. Having a diverse housing stock for all family generations

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▶ Actions 2022 – 2023

Policy Agenda

1. James Street Corridor Study: Direction and Funding — Top Priority
2. Highway 44 Corridor Study: Completion, Direction and Funding — High Priority
3. Comprehensive Housing Study: Assessment, Report with Findings and Options, City Role and Direction — High Priority
4. City Economic Development Strategy: Review: — High Priority
    a. Small Business Retention and Growth Strategy/Action Plan: Outcomes, Best Practices, Report with Options, Direction and City Actions
    b. Retail Attraction Strategy/Action Plan: Outcomes, Market Analysis, Report with Options, Direction and City Actions

Management Agenda

1. GrimesPlex: Award Bid, Construction and Opening — Top Priority
2. Area Plans for Growth Areas (4): — Top Priority
   Development
    a. WRA Territory
    b. South James Territory
    c. NW Territory
    d. Destination
3. Annexations (2) – County Line Road and 19th Street: Completion — Top Priority
4. Regional Water Future Decision: Direction — High Priority
5. Sanitary Sewer Study: Completion and Adoption — High Priority

Management in Progress

1. Marketing Local Development Opportunities
2. Important Databases: Regular Updates
    a. LOIS Sites
    b. LOIS Buildings
    c. ED Tracker
3. Video Library: Development (4 for Economic Development)
4. SUDAS Supplemental Specs: Development (City Council)
5. Business Retention and Expansion Visits
6. Stormwater Management Ordinance: Development and Adoption (City Council)
7. Food Trucks Inspections and Licensing
8. Fire Tracking Inspections
9. Fire Protection Systems Permitting Requirements: Modifications/Ordinance Changes (Difference between City of Johnston and City of Grimes) (City Council)

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▶ Actions 2022 – 2023

Management in Progress

10. Storm Water Compliance Enforcement Transition: Completion
11. Street Sweeping Program: Development
12. Verify the Public Utility Network Assets: Completion
13. Water Distribution and Sewer Collection Division Staffing: Completion (Council Decision: Budget FY 24 Funding)

Major Projects

1. Traffic Signal Network Project: Completion
    a. 19th/James – Temporary
    b. County Line/44
2. Traffic Signals: Installation
3. SE Jacob Resurfacing Replacement: Construction
4. 19th Corridor Sewer – West of James: Construction Completion
5. Annual Sewer Cleaning and Televising
6. Annual Sewer Lining Projects
7. Trail Ridge Road Reconstruction
8. NE Destination Drive: Construction
9. NE Beaverbrooke Boulevard: Construction
10. WRA Plant Decommission

GOAL 4 MORE BEAUTIFUL, VIBRANT COMMUNITY

▶ Objectives

1. Have attractive, well-maintained streetscapes on major corridors and highways
2. Expand trees and tree canopy throughout the community appropriate types and locations
3. Have well-designed, attractive and well-maintained City buildings, facilities and parks
4. Develop community gathering spaces and green spaces throughout our Grimes community, including opportunities for food trucks
5. Continue to have new buildings and homes that are attractive and using the appropriate building materials and meeting City's architectural standards
6. Expand arts and culture in the community
7. Become a more walkable, pedestrian-friendly community

▶ Short-Term Challenges and Opportunities

1. Cost of tree planting and maintenance (short term and long term)
2. Developing and maintaining attractive streetscapes and landscaping
3. Defining the City role and funding level for community beautification
4. Lack of trees – residential and major corridors
5. Implementing and funding public art
6. Willingness to fund beauty and community attractiveness
7. Future availability of water
8. Having effective code compliance regulations and programs

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▶ Actions 2022 – 2023

Policy Agenda

1. Tree and Forestation Policy, Plan and Program: Direction and Funding — High Priority
2. Tree Farm and Greenhouse Arboretum Nursery :Concept, Location, Direction and Funding — High Priority

Management Agenda

1. Zoning Ordinance: Review and Revision
    a. Landscape and Lighting
    b. Architectural Standards

Management in Progress

1. Tree Plantings: Annual (100)
2. Debris Management Program: Development

City of Grimes
Policy Agenda 2022 – 2023
Targets for Action

TOP PRIORITY

Budget and Tax Rate: Policy Framework and Direction

Fire Services: Options, Direction and City Actions

Debt Service Levy Alignment with Strategic Priorities: Direction and Next Steps

Water Supply and Treatment System: Complete Evaluation, Report and Direction

Wallace Farms Development: Next Steps – Phase 1 Project: Completion; Phase 2 and Phase 3: Direction and Funding

James Street Corridor Study: Direction and Funding

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HIGH PRIORITY

Civic Campus Master Plan:
Direction, Plan Development and Funding

Trail Connectivity to High School Gap Analysis and Projects:
Update Report with Options, Direction, Funding and City Actions

Highway 44 Corridor Study: Completion, Direction and Funding

Tree and Forestation Policy, Plan and Program:
Direction and Funding

Tree Farm and Greenhouse Arboretum Nursery:
Concept, Location, Direction and Funding

Comprehensive Housing Study:
Assessment, Report with Findings and Options,
City Role and Direction

City Economic Development Strategy: Update

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City of Grimes
Management Agenda 2022 – 2023
Targets for Action

TOP PRIORITY

Budget and Tax Rate: Policy Framework and Direction

Fire Services: Options, Direction and City Actions

Debt Service Levy Alignment with Strategic Priorities: Direction and Next Steps

Water Supply and Treatment System: Complete Evaluation, Report and Direction

Wallace Farms Development: Next Steps – Phase 1 Project: Completion; Phase 2 and Phase 3: Direction and Funding

James Street Corridor Study: Direction and Funding

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HIGH PRIORITY

Civic Campus Master Plan:
Direction, Plan Development and Funding

Trail Connectivity to High School Gap Analysis and Projects:
Update Report with Options, Direction, Funding and City Actions

Highway 44 Corridor Study: Completion, Direction and Funding

Tree and Forestation Policy, Plan and Program:
Direction and Funding

Tree Farm and Greenhouse Arboretum Nursery:
Concept, Location, Direction and Funding

Comprehensive Housing Study:
Assessment, Report with Findings and Options,
City Role and Direction

City Economic Development Strategy: Update

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City of Grimes
Management In Progress 2022 – 2023

- **Management in Progress 2022 – 2023**
  1. Strategic Plan: Update
  2. Reap 2023 Grant: Application/Agreement (Council Decision)
  3. IT Security Protocols
  4. IT Training: Citywide
  5. Agenda Management Software Solution: Completed
  6. Building Maintenance Plan: Development
  7. Fire Safety Education: Plan Development
  8. Fire Specialty Services Analysis and Plan Development
     a. Confined Space
     b. Trench Rescue
  9. High Risk Structures: Pre-Plans
  10. New Employee Orientation Program: Development
  11. Employee Engagement and Productivity Metrics: Development
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  15. Firefighter Sleep Trailer: Annual Lease Renewal
  16. ADA Compliance Officers: Identification and Certification
  17. Collective Bargaining and Labor Agreements: Strategy
     a. IAFF
     b. AFSCME
  18. Parks Donation Policy/Program: Development
  19. Transient Merchant Ordinance: Development and Adoption (City Council)
  20. AP/AR/Payroll/Ambulance Collection Procedural Manual: Completion
  21. Private Fire Hydrants Maintenance System: Development
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     a. City Network
     b. Fiber Connectivity to Johnston
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  24. Parks & Recreation Organization Chart: Update
  25. Electronic Signature for Documents: Completion
  26. In-House Engineering Inspection: Completion

▶ Management in Progress 2022 – 2023 *(Continued)*

27. Budget Worksheets Upgrade: Completion
28. SOPs for Utility Billing/US Water/Development Services Crossover: Creation
29. Process Mapping for US Water Distribution, Public Works and Billing
30. Asset Management Solutions for Public Works: Implementation
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58. Social Media Policy: Development and Adoption
59. Media Training: Completion
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61. City Intranet Development: Completion
62. IT Policies: Development
63. Cyber Security New Technology: Implementation
64. City Access Control for Building: Completion

▶ Management in Progress 2022 – 2023 *(Continued)*

65. Consolidated Security Camera System: Implementation, Council Decision – Funding
66. Library Staff Continuing Education for New Building: Completion
67. Library Fund Raising: Completion
68. Library Accreditation: Preparation
69. Library Technology Upgrade: Completion
70. Library Moving and Opening Plan: Development
71. Spring/Summer Program Guide: Completion
72. Library Onboarding for New Staff: Development
73. Increase Coverage of Night and Weekend Recreation Activities Due to Doubling Number of Programs: Completion
74. Marketing Local Development Opportunities
75. Important Databases: Regular Updates
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86. Water Distribution and Sewer Collection Division Staffing: Completion (Council Decision: Budget FY 24 Funding)
87. Tree Plantings: Annual (100)
88. Debris Management Program: Development

City of Grimes
Major Projects 2022 – 2023

- **Major Projects 2022 – 2023**
  1. WRA Project: Construction
  2. Permanent Traffic Signal at County Line/Highway 44
  3. Annual Asphalt Overlay Program
  4. Annual Concrete Patching Program
  5. Council Chamber New Dias: Completion
  6. Library Project: Construction and Opening
  7. Splash Pad at Waterworks Park: Completion
  8. Multi- Golf Park at Glenstone Park Development: Completion
     a. Design
     b. Construction
  9. Wallace Farm Phase 1: Grading and Parking Lot
  10. Heritage Park: Construction and Opening
  11. Traffic Signal Network Project: Completion
      a. 19th/James – Temporary
      b. County Line/44
  12. Traffic Signals: Installation
  13. SE Jacob Resurfacing Replacement: Construction
  14. 19th Corridor Sewer – West of James: Construction Completion
  15. Annual Sewer Cleaning and Televising
  16. Annual Sewer Lining Projects
  17. Trail Ridge Road Reconstruction
  18. NE Destination Drive: Construction
  19. NE Beaverbrooke Boulevard: Construction
  20. WRA Plant Decommission

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CITY OF GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

AGENDA MEMO

For Meeting of November 8th, 2022

AGENDA HEADING: North Jordan Well Repairs – McClure Engineering Company Professional Services Agreement Amendment for project administration and construction services.

SYNOPSIS: The City of Grimes has identified the need for engineering services to coordinate the repairs to the North Jordan Well due to the fire earlier this year. McClure Engineering has been working through the evaluation process following the fire to get the steps laid out to move from the temporary generator setup currently in place to a permanent operating solution for the North Jordan Well. The steps will include a transition to an intermediate stage to get rid of the generator and then a final step to get back to normal operation before the fire. The scope of work for McClure includes the preparation of drawings, scope of work and other documents as necessary to assist the City with procurement and/or coordination with suppliers, service providers, contractors, and others to permanently restore this raw water source for the City. McClure Engineering will also be providing construction administration and on-site construction observation services.

FISCAL IMPACT: The total fee proposed for the engineering services is a not to exceed amount of $195,00.00 based off hourly rates and fixed expenses. This will increase the total contract fee to $250,000.00

The funding source for this work will be from water utility revenues and reimbursable insurance claims.

PREVIOUS COUNCIL ACTION(S): Approval of PSA with McClure Engineering Company.

BOARD/COMMISSION ACTION(S):

STAFF/COMMITTEE RECOMMENDATION: The staff has reviewed this Professional Services Agreement and recommends approval by the City Council.

RESOLUTION TO AMEND CONTRACT FOR PROFESSIONAL SERVICES

Grimes Resolution No. 11-1422

WHEREAS, the City of Grimes (Grimes) entered into a Professional Services Agreement (PSA) with McClure Engineering Co (McClure) for consulting services for the North Jordan Well Repairs on June 28, 2022; and,

WHEREAS, it was determined that there was a need for additional services to be added to the PSA consisting of coordination with suppliers and contractors, project administration, preparation of drawings and scope of work for procurement and construction/contractor services, construction administration and observation and coordination with permitting, insurance and other stakeholders; and

WHEREAS, McClure has proposed the attached Professional Services Agreement Amendment that has a scope of work to be supplied by McClure and compensation to be paid by Grimes for their additional consulting services related to the North Jordan Well Repairs; and,

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Grimes, Iowa, that the Mayor is authorized to execute the Professional Services Agreement Amendment with McClure on behalf of the City of Grimes.

Passed by the City Council of the City of Grimes, Iowa, by of vote of ___to___ on the 8th day of November, 2022, and approved by the Mayor on the 8th day of November, 2022.

_____

Scott Mikkelsen, Mayor

Attested:

_____

Rochelle Williams, City Clerk

AMENDMENT NO. 1
TO THE
AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES
FOR
NORTH JORDAN WELL REPAIRS
GRIMES, IOWA

This Amendment is made this _____ day of _____, 2022 and shall amend the Agreement dated the 28th day of June, 2022, by and between *McClure Engineering Co, of Clive, Iowa* (herein referred to as "**Consultant**") and the *City of Grimes, Iowa* (hereinafter referred to as "**Owner**"), for the proposed North Jordan Well Repairs project.

It is the intent of the **Owner** to revise the previous Agreement to modify and add scope and applicable fees for the work described below.

This Amendment authorizes the **Consultant** and establishes fees for the phases stated below:

II. Basic Services

A. Evaluation of Existing Conditions – *Work Previously Completed*

B. Coordination with Suppliers and Contractors

The **CONSULTANT** coordinate procurement of materials and services for the return of service of the North Jordon Well facility. Coordinate service providers necessary to complete installation of procured materials/equipment.

C. Project Administration

The **CONSULTANT**'s project manager will maintain coordination with City staff, prepare and distribute progress reports, prepare meeting minutes, conduct general communication with the **OWNER**, and complete and submit invoicing.

D. Prepare Drawings, Scope of Work, and other Documents as Necessary to Assist Owner with Procurement and/or Coordination with Suppliers, Service Providers, Contractors, and Others as Necessary.

The **CONSULTANT** will prepare drawings, scope of work documents and prepare other documents as necessary to assist owner in the procurement of repair materials and coordination of construction and contractor services for the completion of the North Jordan Well Repairs.

III. Construction Phase & Additional Services

A. Construction Administration and On-site Construction Observation Services

If applicable, **CONSULTANT** to provide construction administration services as requested by **OWNER** which may include, but not necessarily be limited to, preparation and review of pay applications, review of supplier/service provider material specifications and drawings, attendance at meetings, and on-site observation of work performed by suppliers and/or service providers.

B. **Coordination with Permitting, Insurance and Other Stakeholders as Requested by Owner**
On behalf of the Owner, the Consultant may maintain coordination and communication with coordination with permitting, insurance and other agencies as requested by the **Owner**.

Fee Summary:

The Owner will compensate **CONSULTANT** for the services identified in this Amendment as follows:

Original Contract	
North Jordan Well Repairs	**$ 55,000.00**
Contract Additions	
Amendment No. 1 - North Jordan Well Repairs	**$ 195,000.00**
Total Contract (Hourly not to Exceed)	**$ 250,000.00**

Payment to the **Consultant** shall be made on a monthly basis, within 30 days of invoice for work completed to date.

Past due amounts owed shall accrue interest at 1.5% per month from the 30th day. If the **Owner** fails to make monthly payments due the **Consultant**, the **Consultant** may, after giving (7) days written notice to the **Owner**, suspend services under this Agreement.

This Agreement represents the entire and integrated agreement between the **Owner** and the **Consultant** and supersedes all prior negotiations, representations or agreements, either written or oral. This **Amendment** may be amended only by written instrument signed by both the **Owner** and the **Consultant**.

SPECIAL INSTRUCTIONS:

_____
_____
_____
_____
_____

IN WITNESS WHEREOF, the parties hereto have made and executed this **AMENDMENT** as of the day and year first above written.

OWNER: CITY OF GRIMES, IOWA

By: _____

Title: Mayor

CONSULTANT: McClure

By: _____
Gary Brons

Title: Vice President - Water

CITY OF
GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

CITY COUNCIL COMMUNICATION

AGENDA ITEM: Resolution 11-1722 Vacating Public Property in Heritage at Grimes Plat 2 and Conveying to Adjoining Property Owner

BACKGROUND:

With the development of the plans for Grimes WRA Connector Project, it has been determined that certain easements will be necessary in order to construct the project.

In this case, the City identified certain excess ROW that could be incorporated into the Hope District Property, along Beaverbrook Blvd. The ROW was recently dedicated from the Heritage at Grimes property as part of the completion of the Heritage at Grimes development. The ROW is not necessary for the roadway improvements, and only contains landscaping. The developer has agreed to exchange the ROW for the Easements needed for the ROW.

A purchase agreement has been drafted and reviewed by the property owner. The City and Developer have agreed that the exchange of easements for excess ROW are equitable and satisfy the requirement to dispose at fair market value.

BUDGETARY CONSIDERATIONS:

STRATEGIC PLANNING:
Prioritized ____YES NO

*High-Performing Organization/Exception Professional Services_____

*Great Place to Live/Expanded Quality of Life Amenities _____

*Dynamic Town/Strong Sense of Community _____

*More Beautiful/Vibrant Community _____

CITY OF
GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

BOARD/COMMISSION ACTION(S):

STAFF RECOMMENDATION: Staff recommends approval of resolution

RESPONSIBLE STAFF/CONTACT INFORMATION – Alex Pfaltzgraff

Prepared by: Rochelle Williams

Copies of signed/recorded documents return to: Rochelle Williams

Preparer Information: Alecia A. Meuleners, 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. 11-1722

RESOLUTION VACATING PUBLIC PROPERTY IN HERITAGE AT GRIMES PLAT 2 AND CONVEYING TO ADJOINING PROPERTY OWNER

WHEREAS, the City of Grimes is the owner of certain real estate used for public road right of way located in Heritage at Grimes Plat 2, and legally described as:

Outlot T in Heritage at Grimes Plat 2, an Official Plat, now included in and forming a part of the City of Grimes, Polk County, Iowa. (the "Property")

WHEREAS, the Council approved Resolution No. 08-2322 of Notice and Intent to Vacate and to Dispose of Public Property in Heritage at Grimes Plat 2;

WHEREAS, notice of the intent to vacate and dispose of the Property, 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 11 day of August, 2022;

WHEREAS, said public hearing was held at 5:30 P.M. on the 23rd day of August, 2022, which was the date, time and place identified in the notice;

WHEREAS, the Council finds that the Property is no longer needed for the use of as a public right of way, and therefore, is no longer needed;

WHEREAS, Hope K Farms, LC, the adjoining property owner, as offered consideration for the Property certain temporary and perpetual easement interests for construction of a sanitary sewer line over other land owned by Hope K Farms, LC, which the City has determined to be valued at a sum of $88,000.00;

WHEREAS, the Council finds that the transfer of the Property would not deny owners of real estate abutting on the public right of way reasonable access to their property;

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

WHEREAS, all requirements of law pertaining to the disposal of public property have been fully observed;

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 vacated by the City of Grimes:

Outlot T in Heritage at Grimes Plat 2, an Official Plat, now included in and forming a part of the City of Grimes, Polk County, Iowa.

SECTION 2. That in conjunction with receipt of the consideration contemplated herein, the City Administrator and City Clerk are hereby authorized to execute a quit claim deed conveying the above described Property to Hope K Farms, LC.

SECTION 3. That in conjunction with said quit claim deed, the City Clerk is hereby authorized and directed to cause certified copies of this resolution, 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 4. That in the event that any governmental taxing authority needs or orders a survey of the previously mentioned Property, the purchaser shall pay the costs of said survey.

SECTION 5. This resolution shall be in full force and effect from and after its final passage, approval and publication as provided by law.

Passed by the council this 8th day of November, 2022, and approved this 8th day of November, 2022.

_____
SCOTT MIKKELSEN, MAYOR

ATTEST:

_____
ROCHELLE WILLIAMS, CITY CLERK

TREASURER'S REPORT
CALENDAR 10/2022, FISCAL 4/2023

FUND#	TITLE	LAST MONTH CASH BALANCE	REVENUES	EXPENSES	BALANCE	THIS MONTH CASH BALANCE
001	GENERAL	10,918,678.44	3,236,567.87	1,123,214.23	.00	13,032,032.08
002	LIBRARY FUND	28,880.51-	449,618.64	51,020.80	.00	369,717.33
005	FIRE/RESCUE AUXILIARY	.00	.00	.00	.00	.00
110	ROAD USE TAX	3,656,157.24	177,368.62	348,550.75	.00	3,484,975.11
112	EMPLOYEE BENEFITS	553,720.63	395,191.62	131,468.38	.00	817,443.87
119	EMERGENCY FUND	.00	.00	.00	.00	.00
121	LOCAL OPTION SALES TAX	3,761,927.55	140,936.91	.00	.00	3,902,864.46
125	TAX INCREMENT FINANCING	662,738.14	2,289,769.72	.00	.00	2,952,507.86
160	HOTEL/MOTEL/ECON DEV	253,875.85	.00	6,388.72	.00	247,487.13
161	ECO DEVELOPMENT REVOLVING	171,554.20	1,069.70	.00	.00	172,623.90
167	RESTRICTED GIFTS	94,322.55	2,000.00	2,000.00	.00	94,322.55
170	FEMA - FIRE DEPT	34,239.98	.00	.00	.00	34,239.98
200	DEBT SERVICE	1,058,738.30	1,121,978.33	764,401.25	763,801.25	2,180,116.63
301	CAPITAL PROJECT FUND	6,587.32	.00	.00	.00	6,587.32
302	CP - ROAD DEVELOPMENT	3,020.07	.00	.00	.00	3,020.07
303	CP - WALLACE	.00	.00	.00	.00	.00
304	STM WATER MASTER PLAN	150,318.53	.00	.00	.00	150,318.53
305	CP - MAIN STREET	.00	.00	.00	.00	.00
306	CP - PRAIRIE/LITTLE BEAVE	.00	.00	.00	.00	.00
307	CP - STORM WATER	110,418.26	.00	.00	.00	110,418.26
308	CP-SW COUNTY LINE ROAD	96,863.71-	.00	.00	.00	96,863.71-
309	CP - PARKS	3,240,328.31	.00	.00	.00	3,240,328.31
310	CP - FIRE	200,000.00	.00	.00	.00	200,000.00
311	CP - DOWNTOWN	.00	.00	.00	.00	.00
312	CP - S JAMES/SE 37TH ST	.00	.00	.00	.00	.00
313	CP - GRIMES COMMUNITY COM	499,027.47	.00	.00	.00	499,027.47
314	CP-NE GATEWAY/HOPE COMM	94,883.62-	.00	.00	.00	94,883.62-
315	CP N COMPLEX SANI CONNECT	4,808.51	.00	.00	.00	4,808.51
316	CP - WATER CAP IMPROVEMNT	.00	.00	.00	.00	.00
317	CP - COMP PLAN	11,721.80	.00	.00	.00	11,721.80
318	CP - CITY HALL	.00	.00	.00	.00	.00
319	KENNYBROOK PK WQI IMPRV	178,132.78	.00	5,934.25	.00	172,198.53
320	CP-New Jordan Well 2019	7,800.05	.00	.00	.00	7,800.05
321	CP- ASR 2019	.00	.00	.00	.00	.00
322	CP-16" Water Main	.00	.00	.00	.00	.00
323	CP-Water Tower 2019	86,406.90-	.00	.00	.00	86,406.90-
324	CP-Water Plant Exp 2019	16,980.45-	.00	2,720.00	.00	19,700.45-
325	SE 37TH HWY 141 PROJECT	.00	.00	.00	.00	.00
326	2019 OVERLAY PROJECT	.00	.00	.00	.00	.00
327	SE 19TH & SW CO OVERLAY	.00	.00	.00	.00	.00
328	WRA SANI SEWER PHASE 1	464,716.75-	1,761,217.55	1,766,550.92	.00	470,050.12-
329	NW TERRITORY LIFT STATION	385,654.88	.00	.00	.00	385,654.88
330	GIS MAPPING	67,181.75	.00	.00	.00	67,181.75
331	19TH ST SEWER EXTENSION	930,588.33	.00	.00	.00	930,588.33
332	ROAD USE EQUIPMENT	336,882.00	.00	.00	.00	336,882.00
333	WRA PARALLEL SEWER	1,600,000.00	.00	.00	.00	1,600,000.00
334	HWY44 & COUNTY LN RD 2020	541,950.22	.00	25,546.46	.00	516,403.76
335	ANN SANI SEWER I&I REHAB	250,000.00	.00	.00	.00	250,000.00
336	SE 11th ST RR/James 2019	86,049.58	.00	.00	.00	86,049.58
337	CP-N MAIN & BEAVERBK SIG	.00	.00	.00	.00	.00
338	FY20 Drain prj 2nd/beaver	.00	.00	.00	.00	.00
339	HWY 141 & HWY 44 SIGNAL	283,377.65-	.00	.00	.00	283,377.65-
340	ANNUAL SIGNAL IMPROVEMENT	558,089.41	.00	6,327.88	.00	551,761.53

TREASURER'S REPORT
CALENDAR 10/2022, FISCAL 4/2023

FUND#	TITLE	LAST MONTH CASH BALANCE	REVENUES	EXPENSES	BALANCE	THIS MONTH CASH BALANCE
341	HWY 44 STUDY	35,600.00-	.00	.00	.00	35,600.00-
342	WATER SYSTEM STUDY	9,500.00-	.00	.00	.00	9,500.00-
343	JAMES ST CORRIDOR STUDY	22,122.18-	.00	.00	.00	22,122.18-
344	PAVEMENT COND ANALYSIS	76,955.60	.00	.00	.00	76,955.60
345	ANNUAL WATER MAIN REPLACE	200,000.00	.00	.00	.00	200,000.00
346	HW TRAIL EXTENSION	97,175.45	.00	995.00	.00	96,180.45
347	N SPORTS COMPLEX PARKING	324,505.02-	.00	.00	.00	324,505.02-
348	SPLASH PAD	203,864.61	.00	4,879.38	.00	198,985.23
349	SE 6TH & S JAMES INTERSEC	1,663.25	.00	.00	.00	1,663.25
350	GRIMES LIBRARY BLDG FUND	6,507,810.29	.00	1,374,129.09	.00	5,133,681.20
351	37TH ST IMPROVEMENTS	663,717.35	.00	.00	.00	663,717.35
352	TRL RDG/BEAV/JACOB WTR MN	69,639.33	.00	.00	.00	69,639.33
353	SANI SEWER STUDY	3,755.36	.00	.00	.00	3,755.36
354	ANNUAL PCC PATCHING	750,000.00	.00	.00	.00	750,000.00
355	TRAFFIC SIGNAL EQUIPMENT	75,000.00	.00	.00	.00	75,000.00
356	ANNUAL PAVEMENT PRESERVE	75,000.00	.00	.00	.00	75,000.00
357	S CMPLX IRRIGATION PROJ	31,718.46	.00	.00	.00	31,718.46
358	ANN TRAIL IMPRV & PLAN	205,819.59	125,000.00	.00	.00	330,819.59
359	EMERGENCY WATER MAIN	91,587.25	.00	.00	.00	91,587.25
360	19TH ST WATER MAIN	356,768.84	.00	.00	.00	356,768.84
361	WW PLANT MBDR RETROFIT	28,926.53-	.00	.00	.00	28,926.53-
362	WRA SANI SWR PHASE 2	.00	35,134.33	35,134.33	.00	.00
363	WRA SANI SEWER PHASE 3	.00	246,077.55	1,374,592.05	.00	1,128,514.50-
364	WRA SANI SWR PHS 4	.00	420,971.27	420,971.27	.00	.00
365	WALLACE FARM	1,237,884.10	.00	.00	.00	1,237,884.10
366	JACOB ST OVERLAY PROJ	697,993.96	.00	200,669.45	.00	497,324.51
367	GRIMESPLEX	871,338.18	.00	890,409.50	.00	19,071.32-
368	TRL RDG/BEAVER WATER MAIN	147,027.50	.00	.00	.00	147,027.50
369	SE 11TH & JAMES	1,800,000.00	.00	49,535.72	.00	1,750,464.28
370	19th & Gateway signal	300,000.00	.00	.00	.00	300,000.00
371	11TH & GATEWAY SIGNAL	300,000.00	.00	.00	.00	300,000.00
372	N JORDAN WELL REPAIRS	.00	.00	.00	.00	.00
373	BLDG ACCESS CONTROL PROJ	200,000.00	.00	.00	.00	200,000.00
374	WATER PRODUCTION PROJECTS	1,097,235.58	.00	69,899.99	.00	1,027,335.59
375	NE DEST/NE BVRBROOKE IMP	.00	.00	.00	.00	.00
376	SE TRL RDG RD RECONSTRUCT	.00	.00	.00	.00	.00
399	EQUIP REVOLVING PROGRAM	.00	300,000.00	17,600.00	.00	282,400.00
600	WATER	9,568,979.94	602,979.58	194,508.06	.00	9,977,451.46
601	WATER DEPOSITS	216,798.61	1,550.33-	5,340.97	.00	209,907.31
602	WATER SINKING	637,613.21	.00	.00	.00	637,613.21
603	WATER REC BOND	183,629.96	.00	.00	.00	183,629.96
610	SEWER	6,532,699.47	292,901.57	292,638.64	.00	6,532,962.40
611	SEWER SINKING	814,678.70	.00	.00	.00	814,678.70
670	LANDFILL/GARBAGE	582,389.39	61,748.10	1,524.21	.00	642,613.28
740	STORM WATER	2,752,886.52	65,424.87	21,172.80	.00	2,797,138.59
750	GRIMESPLEX	349,765.00	.00	.00	.00	349,765.00
	Report Total	66,543,144.33	11,724,405.90	9,188,124.10	763,801.25	69,843,227.38

BALANCE SHEET
CALENDAR 10/2022, FISCAL 4/2023

ACCOUNT NUMBER	ACCOUNT TITLE	PTD BALANCE	YTD BALANCE
001-000-1110	CASH - GENERAL	2,113,223.55	8,351,646.76
002-000-1110	CASH - LIBRARY	398,597.84	369,717.33
110-000-1110	CASH - ROAD USE	171,182.13-	3,484,975.11
112-000-1110	CASH - EMPLOYEE BENEFITS	263,168.57	807,855.21
121-000-1110	CASH - LOCAL OPTION SALES TAX	140,936.91	3,902,864.46
125-000-1110	CASH - TIF	2,289,769.72	2,952,507.86
160-000-1110	CASH - HOTEL/MOTEL/ECON DEV	6,388.72-	247,487.13
161-000-1110	CASH - ECO DEVELOP REVOLVING L	1,069.70	172,623.90
167-000-1110	CASH - LIBRARY RESTRICTED GIFT		94,322.55
170-000-1110	CASH - FEMA/FIRE DEPT		34,239.98
200-000-1110	CASH - DEBT SERVICE	1,121,370.78	2,176,697.31
301-000-1110	CASH - CAPITAL PROJECTS		6,587.32
302-000-1110	CASH - CP - ROAD DEVELOPMENT		3,020.07
304-000-1110	CASH-STM WATER MASTER PLAN		150,318.53
307-000-1110	CASH - CP - STORM WATER		110,418.26
308-000-1110	CASH-CP SW COUNTY LINE ROAD		96,863.71-
309-000-1110	CASH - CP - PARKS		3,240,328.31
310-000-1110	CASH - CP-FIRE		200,000.00
313-000-1110	CASH - CP - GRIMES COMM COMPLE		499,027.47
314-000-1110	CASH-NE GATEWAY/HOPE COMM		94,883.62-
315-000-1110	CASH -N COMPLEX SANI CONNECT		4,808.51
317-000-1110	CASH - COMP PLAN		11,721.80
319-000-1110	CASH-KENNYBROOK PK WQI IMP	5,934.25-	172,198.53
320-000-1110	CASH-NEW JORDAN WELL 2019		7,800.05
323-000-1110	CASH-WATER TOWER 2019		86,406.90-
324-000-1110	CASH- WATER PLANT EXP 2019	2,720.00-	19,700.45-
328-000-1110	CASH-WRA SANI SEWER PHASE 1	5,333.37-	470,050.12-
329-000-1110	NW TERRITORY LIFT STATION CASH		385,654.88
330-000-1110	GIS MAPPING- CASH		67,181.75
331-000-1110	CASH-19TH ST SEWER EXTENSION		930,588.33
332-000-1110	CASH-ROAD USE EQUIPMENT		336,882.00
333-000-1110	CASH-WRA PARALLEL SEWER		1,600,000.00
334-000-1110	CASH-HWY 44 & CO LINE RD 2020	25,546.46-	516,403.76
335-000-1110	CASH-ANN SANI SWR I&I REHAB		250,000.00
336-000-1110	CASH-SE 11TH RR/JAMES 2019		86,049.58
339-000-1110	HWY 141 & HWY 44 SIGNAL CASH		283,377.65-
340-000-1110	ANNUAL SIGNAL IMPROVEMENT CASH	6,327.88-	551,761.53
341-000-1110	HWY 44 STUDY CASH		35,600.00-
342-000-1110	WATER SYSTEM STUDY CASH		9,500.00-
343-000-1110	JAMES ST CORRIDOR STUDY CASH		22,122.18-
344-000-1110	CASH PAVEMENT COND ANALYSIS		76,955.60
345-000-1110	CASH ANNUAL WATER MAIN REPLACE		200,000.00
346-000-1110	CASH HWY 44 TRAIL EXTENSION	995.00-	96,180.45
347-000-1110	CASH N SPORTS COMPLEX PARKING		324,505.02-
348-000-1110	CASH SPLASH PAD	4,879.38-	198,985.23
349-000-1110	SE 6TH & JAMES INTERSEC CASH		1,663.25
350-000-1110	GRIMES LIB BLDG CASH	1,374,129.09-	5,133,681.20
351-000-1110	CASH 37TH ST IMPROVEMENTS		663,717.35
352-000-1110	CASH TRL RD/BEAV/JAC WTR MN		69,639.33
353-000-1110	CASH SANI SEWER STUDY		3,755.36
354-000-1110	CASH ANNUAL PCC PATCHING		750,000.00

BALANCE SHEET
CALENDAR 10/2022, FISCAL 4/2023

ACCOUNT NUMBER	ACCOUNT TITLE	PTD BALANCE	YTD BALANCE
355-000-1110	CASH TRAFFIC SIGNAL EQUIPMENT		75,000.00
356-000-1110	CASH ANNUAL PAVEMENT PRESERVE		75,000.00
357-000-1110	S COMPLEX IRRIGATION CASH		31,718.46
358-000-1110	ANN TRAIL IMP & PLANN CASH	125,000.00	330,819.59
359-000-1110	EMERGENCY WATER MAIN CASH		91,587.25
360-000-1110	19TH ST WATER MAIN CASH		356,768.84
361-000-1110	WW PLANT MBDR RETROFIT CASH		28,926.53-
363-000-1110	WRA SANI SWR PHS 3 CASH	1,128,514.50-	1,128,514.50-
365-000-1110	WALLACE FARM CASH		1,237,884.10
366-000-1110	JACOB ST OVERLAY CASH	200,669.45-	497,324.51
367-000-1110	GRIMESPLEX CASH	890,409.50-	19,071.32-
368-000-1110	TRL RDG/BEAVER WTR MAIN CASH		147,027.50
369-000-1110	SE 11TH & JAMES CASH	49,535.72-	1,750,464.28
370-000-1110	19TH & GATEWAY SIGNAL CASH		300,000.00
371-000-1110	11TH & GATEWAY SIGNAL CASH		300,000.00
373-000-1110	BLDG ACCESS CONT PROJ CASH		200,000.00
374-000-1110	WTR PRODUCTION PROJECTS CASH	69,899.99-	1,027,335.59
399-000-1110	EQUIP REVOLVING PROG CASH	282,400.00	282,400.00
600-000-1110	CASH - WATER	406,877.78	7,286,889.39
601-000-1110	CASH - WATER DEPOSITS	6,899.81-	207,468.10
602-000-1110	CASH - WATER SINKING		637,613.21
603-000-1110	CASH - WATER REC BOND		183,629.96
610-000-1110	CASH - SEWER	1,718.80-	3,325,374.42
611-000-1110	CASH - SEWER SINKING		814,678.70
670-000-1110	CASH - SOLID WASTE	60,223.89	642,613.28
740-000-1110	CASH - STORM WATER	44,241.84	2,750,833.82
750-000-1110	CASH - GRIMESPLEX		349,765.00
	CASH TOTAL	3,295,796.53	59,202,940.05
112-000-1111	CASH - FLEX	554.67	9,588.66
	CASH TOTAL	554.67	9,588.66
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

BALANCE SHEET
CALENDAR 10/2022, FISCAL 4/2023

ACCOUNT NUMBER	ACCOUNT TITLE	PTD BALANCE	YTD BALANCE
	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	130.09	58,874.93
200-000-1150	CASH - IPAIT	7.55	3,419.32
	CASH - IPAIT TOTAL	137.64	62,294.25
600-000-1160	SAVINGS - WATER TAPPING	245.43	990,803.13
740-000-1160	SAVINGS - STORM WATER	10.23	46,304.77
	SAVINGS TOTAL	255.66	1,037,107.90
610-000-1161	SAVINGS - SEWER TAPPING	1,981.73	1,039,018.14
	SAVINGS - RACCOON TOTAL	1,981.73	1,039,018.14
600-000-1162	SAVINGS - VISION	1,348.31	1,059,046.27
	SAVINGS - VISION TOTAL	1,348.31	1,059,046.27
601-000-1170	WATER DEPOSIT CD 25712	8.51	2,439.21
	CD'S - CITY STATE TOTAL	8.51	2,439.21
001-000-1171	CEMETERY CD 1 304927		31,591.49
001-000-1172	CEMETERY CD 3 222910		20,211.26
001-000-1173	CEMETERY CD 12014736		20,666.95
	CD'S BANKERS TRUST TOTAL	.00	72,469.70
001-000-1174	CD# 12510837 - GENERAL		2,106,670.19
	CD# 12510837 - GENERAL TOTAL	.00	2,106,670.19
001-000-1175	CD# 12396252 - GENERAL		2,106,670.19
	CD# 12396252 - GENERAL TOTAL	.00	2,106,670.19

BALANCE SHEET
CALENDAR 10/2022, FISCAL 4/2023

ACCOUNT NUMBER	ACCOUNT TITLE	PTD BALANCE	YTD BALANCE
610-000-1178	CHARTER SEW TAP CD		2,077,034.11
	CHARTER SEW TAP CD TOTAL	.00	2,077,034.11
	TOTAL CASH	3,300,083.05	69,843,227.38

PCT OF FISCAL YTD 33.3%

ACCOUNT NUMBER	ACCOUNT TITLE	TOTAL BUDGET	PTD BALANCE	YTD BALANCE	PERCENT EXPENDED	UNEXPENDED
	POLICE TOTAL	1,423,248.00	115,821.83	458,877.49	32.24	964,370.51
	FIRE TOTAL	739,308.00	45,345.52	226,970.30	30.70	512,337.70
	AMBULANCE TOTAL	1,963,748.00	131,698.58	500,463.17	25.49	1,463,284.83
	BUILDING INSPECTIONS TOTAL	1,687,039.00	155,437.49	538,453.25	31.92	1,148,585.75
	PUBLIC SAFETY TOTAL	5,813,343.00	448,303.42	1,724,764.21	29.67	4,088,578.79
	ROADS, BRIDGES, SIDEWALKS TOTA	2,876,976.00	135,934.73	837,294.95	29.10	2,039,681.05
	STREET LIGHTING TOTAL	252,500.00	13,579.18	35,322.66	13.99	217,177.34
	TRAFFIC CONTROL & SAFETY TOTA	35,000.00	78.15	2,572.29	7.35	32,427.71
	SNOW REMOVAL TOTAL	384,380.00	1,440.00	8,700.21	2.26	375,679.79
	PUBLIC WORKS TOTAL	3,548,856.00	151,032.06	883,890.11	24.91	2,664,965.89
	WATER,AIR,MOSQUITO CONTRO TOTA	8,000.00	.00	.00	.00	8,000.00
	HEALTH & SOCIAL SERVICES TOTA	8,000.00	.00	.00	.00	8,000.00
	LIBRARY TOTAL	1,056,876.00	64,655.63	270,764.77	25.62	786,111.23
	PARKS TOTAL	689,250.00	45,455.15	204,678.84	29.70	484,571.16
	NORTH COMPLEX TOTAL	50,000.00	1,075.05	5,229.47	10.46	44,770.53
	SOUTH COMPLEX TOTAL	50,000.00	18,331.19	27,602.63	55.21	22,397.37
	RECREATION TOTAL	313,745.00	31,771.17	153,188.88	48.83	160,556.12
	REC - YOUTH PROGRAMS TOTAL	45,000.00	82.14	8,813.32	19.59	36,186.68
	REC - YOUTH SPORTS TOTAL	.00	.00	511.96	.00	511.96-
	REC - ADULT PROGRAMS TOTAL	6,600.00	.00	.00	.00	6,600.00
	REC - ADULT SPORTS TOTAL	.00	2,322.74	2,322.74	.00	2,322.74-
	CEMETERY TOTAL	65,029.00	190.00	910.00	1.40	64,119.00
	GCC-GRIMES COMM COMPLEX TOTAL	273,133.00	8,942.71	47,571.12	17.42	225,561.88
	GRIMESPLEX TOTAL	368,500.00	.00	.00	.00	368,500.00
	CULTURE & RECREATION TOTAL	2,918,133.00	172,825.78	721,593.73	24.73	2,196,539.27
	ECONOMIC DEVELOPMENT TOTAL	4,170,806.00	6,388.72	40,960.74	.98	4,129,845.26
	COMMUNITY & ECONOMIC DEV TOTA	4,170,806.00	6,388.72	40,960.74	.98	4,129,845.26
	MAYOR/COUNCIL/CITY MGR TOTAL	319,624.00	25,383.48	97,364.00	30.46	222,260.00
	CLERK/TREASURER/ADM TOTAL	740,799.00	58,755.46	250,933.83	33.87	489,865.17
	ELECTIONS TOTAL	28,500.00	8,000.00	12,000.00	42.11	16,500.00
	LEGAL SERVICES/ATTORNEY TOTAL	243,000.00	14,610.56	84,477.65	34.76	158,522.35
	CITY HALL/GENERAL BLDGS TOTAL	311,200.00	24,850.81	54,705.60	17.58	256,494.40
	TORT LIABILITY TOTAL	49,000.00	.00	.00	.00	49,000.00
	IT TOTAL	318,296.00	13,917.45	69,993.61	21.99	248,302.39
	OTHER GENERAL GOVERNMENT TOTA	31,906.00	53.14	6,168.43	19.33	25,737.57

BUDGET REPORT
CALENDAR 10/2022, FISCAL 4/2023

PCT OF FISCAL YTD 33.3%

ACCOUNT NUMBER	ACCOUNT TITLE	TOTAL BUDGET	PTD BALANCE	YTD BALANCE	PERCENT EXPENDED	UNEXPENDED
	GENERAL GOVERNMENT TOTAL	2,042,325.00	145,570.90	575,643.12	28.19	1,466,681.88
	ROADS, BRIDGES, SIDEWALKS TOTA	797,270.00	45,835.00	46,435.00	5.82	750,835.00
	2007 BOND TOTAL	278,582.00	24,040.63	24,040.63	8.63	254,541.37
	2012 BOND TOTAL	361,460.00	36,030.00	36,030.00	9.97	325,430.00
	2015 BOND TOTAL	861,063.00	17,781.25	17,781.25	2.07	843,281.75
	2017A BOND TOTAL	573,632.00	136,515.63	136,515.63	23.80	437,116.37
	2017 REFINANCING BOND TOTAL	576,075.00	92,787.50	92,787.50	16.11	483,287.50
	2020 GO BOND TOTAL	661,500.00	67,950.00	68,550.00	10.36	592,950.00
	2021 A GO BOND TOTAL	729,200.00	139,300.00	139,900.00	19.19	589,300.00
	2021 B GO LOST BOND TOTAL	253,750.00	56,575.00	57,175.00	22.53	196,575.00
	2022A BOND TOTAL	669,475.00	147,586.24	147,586.24	22.05	521,888.76
	DEBT SERVICE TOTAL	5,762,007.00	764,401.25	766,801.25	13.31	4,995,205.75
	BUILDING INSPECTIONS TOTAL	28,500.00	.00	.00	.00	28,500.00
	ROADS, BRIDGES, SIDEWALKS TOTA	3,965,000.00	275,751.63	421,647.82	10.63	3,543,352.18
	STREET LIGHTING TOTAL	1,200,000.00	6,327.88	17,988.47	1.50	1,182,011.53
	LIBRARY TOTAL	6,800,000.00	1,374,129.09	1,853,232.10	27.25	4,946,767.90
	PARKS TOTAL	3,200,000.00	5,874.38	639,641.92	19.99	2,560,358.08
	GCC-GRIMES COMM COMPLEX TOTAL	600,000.00	.00	.00	.00	600,000.00
	GRIMESPLEX TOTAL	.00	890,409.50	2,730,277.02	.00	2,730,277.02-
	CITY HALL/GENERAL BLDGS TOTAL	30,000.00	17,600.00	17,600.00	58.67	12,400.00
	WATER TOTAL	2,250,000.00	72,619.99	661,984.09	29.42	1,588,015.91
	SEWER/SEWAGE DISPOSAL TOTAL	39,375,000.00	3,597,248.57	11,126,369.69	28.26	28,248,630.31
	STORM WATER TOTAL	155,300.00	5,934.25	9,887.50	6.37	145,412.50
	CAPITAL PROJECTS TOTAL	57,603,800.00	6,245,895.29	17,478,628.61	30.34	40,125,171.39
	WATER TOTAL	5,075,215.00	199,849.03	836,889.00	16.49	4,238,326.00
	SEWER/SEWAGE DISPOSAL TOTAL	4,241,883.00	292,638.64	1,351,199.00	31.85	2,890,684.00
	LANDFILL/GARBAGE TOTAL	907,981.00	1,524.21	150,362.87	16.56	757,618.13
	STORM WATER TOTAL	672,871.00	21,172.80	114,053.64	16.95	558,817.36
	SPORTS COMPLEX TOTAL	.00	.00	135.00	.00	135.00-
	ENTERPRISE FUNDS TOTAL	10,897,950.00	515,184.68	2,452,639.51	22.51	8,445,310.49
	TRANSFERS IN/OUT TOTAL	9,212,301.00	738,522.00	738,522.00	8.02	8,473,779.00
	TRANSFER OUT TOTAL	9,212,301.00	738,522.00	738,522.00	8.02	8,473,779.00
	TOTAL EXPENSES	101,977,521.00	9,188,124.10	25,383,443.28	24.89	76,594,077.72

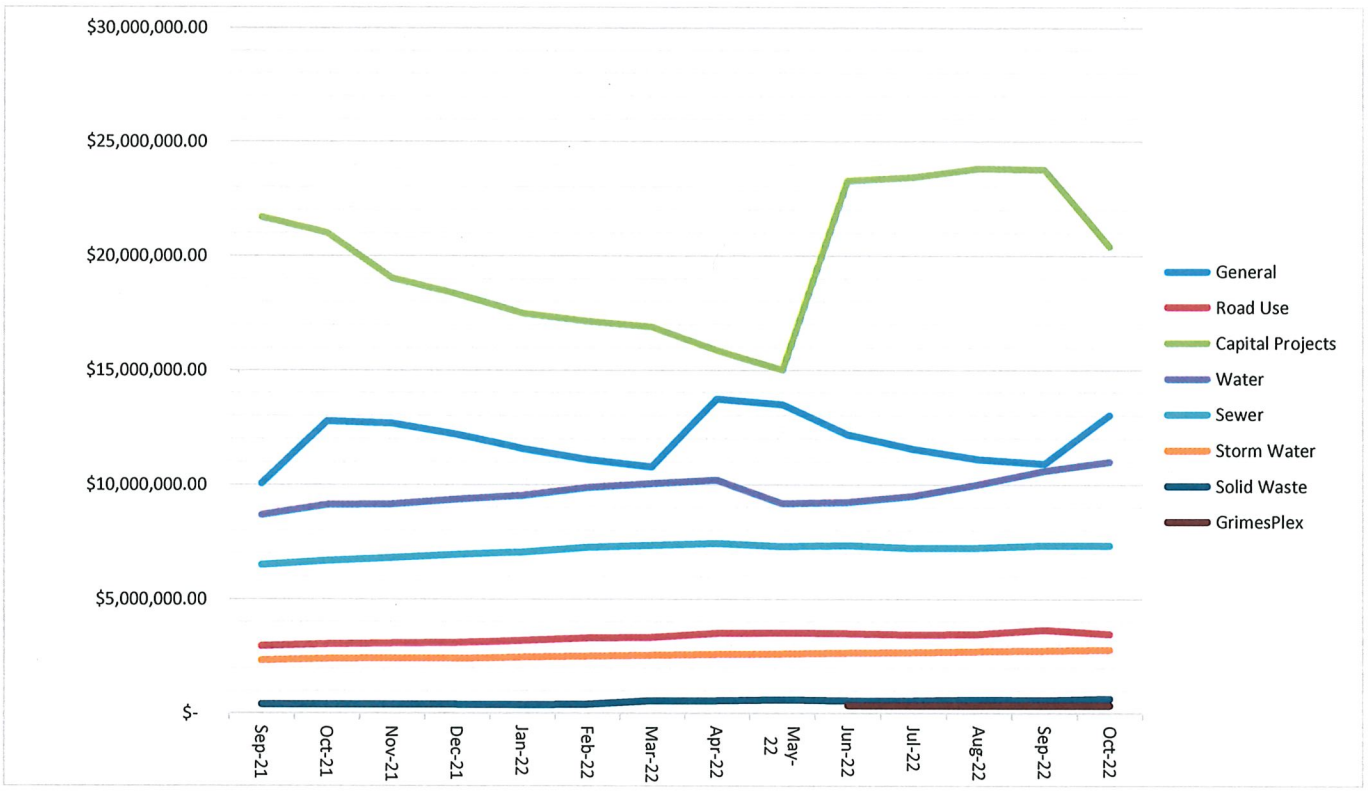
REVENUE REPORT
CALENDAR 10/2022, FISCAL 4/2023

PCT OF FISCAL YTD 33.3%

ACCOUNT NUMBER	ACCOUNT TITLE	FISCAL ESTIMATE	PTD BALANCE	YTD BALANCE	PERCENT RECVD	UNCOLLECTED
	GENERAL TOTAL	11,951,672.00	3,236,567.87	3,925,582.49	32.85	8,026,089.51
	LIBRARY FUND TOTAL	909,044.00	449,618.64	461,925.18	50.81	447,118.82
	ROAD USE TAX TOTAL	1,946,835.00	177,368.62	738,923.85	37.96	1,207,911.15
	EMPLOYEE BENEFITS TOTAL	2,094,615.00	395,191.62	440,757.40	21.04	1,653,857.60
	LOCAL OPTION SALES TAX TOTAL	2,709,705.00	140,936.91	1,064,078.74	39.27	1,645,626.26
	TAX INCREMENT FINANCING TOTAL	6,772,510.00	2,289,769.72	2,440,862.55	36.04	4,331,647.45
	HOTEL/MOTEL/ECON DEV TOTAL	69,000.00	.00	22,360.52	32.41	46,639.48
	ECO DEVELOPMENT REVOLVING TOTA	12,836.00	1,069.70	4,278.80	33.33	8,557.20
	RESTRICTED GIFTS TOTAL	4,000.00	2,000.00	2,000.00	50.00	2,000.00
	DEBT SERVICE TOTAL	5,847,383.00	1,121,978.33	1,189,849.96	20.35	4,657,533.04
	CP - GRIMES COMMUNITY COM TOTA	500,000.00	.00	.00	.00	500,000.00
	KENNYBROOK PK WQI IMPRV TOTAL	.00	.00	311,935.00	.00	311,935.00-
	WRA SANI SEWER PHASE 1 TOTAL	10,750,000.00	1,761,217.55	6,360,508.66	59.17	4,389,491.34
	ROAD USE EQUIPMENT TOTAL	300,000.00	.00	.00	.00	300,000.00
	ANNUAL SIGNAL IMPROVEMENT TOTA	600,000.00	.00	.00	.00	600,000.00
	JAMES ST CORRIDOR STUDY TOTAL	1,800,000.00	.00	.00	.00	1,800,000.00
	TRL RDG/BEAV/JACOB WTR MN TOTA	750,000.00	.00	.00	.00	750,000.00
	ANNUAL PAVEMENT PRESERVE TOTA	600,000.00	.00	.00	.00	600,000.00
	ANN TRAIL IMPRV & PLAN TOTAL	200,000.00	125,000.00	125,000.00	62.50	75,000.00
	19TH ST WATER MAIN TOTAL	1,105,000.00	.00	.00	.00	1,105,000.00
	WRA SANI SWR PHASE 2 TOTAL	11,500,000.00	35,134.33	357,732.67	3.11	11,142,267.33
	WRA SANI SEWER PHASE 3 TOTAL	7,275,000.00	246,077.55	494,174.80	6.79	6,780,825.20
	WRA SANI SWR PHS 4 TOTAL	7,000,000.00	420,971.27	2,728,678.36	38.98	4,271,321.64
	WALLACE FARM TOTAL	1,200,000.00	.00	.00	.00	1,200,000.00
	JACOB ST OVERLAY PROJ TOTAL	900,000.00	.00	.00	.00	900,000.00
	GRIMESPLEX TOTAL	.00	.00	2,800,000.00	.00	2,800,000.00-

PCT OF FISCAL YTD 33.3%

ACCOUNT NUMBER	ACCOUNT TITLE	FISCAL ESTIMATE	PTD BALANCE	YTD BALANCE	PERCENT RECVD	UNCOLLECTED
	WATER PRODUCTION PROJECTS TOTA	.00	.00	1,106,768.83	.00	1,106,768.83-
	EQUIP REVOLVING PROGRAM TOTAL	300,000.00	300,000.00	300,000.00	100.00	.00
	WATER TOTAL	5,568,549.00	602,979.58	2,572,055.53	46.19	2,996,493.47
	WATER DEPOSITS TOTAL	15,000.00	1,550.33-	22,360.56	149.07	7,360.56-
	WATER SINKING TOTAL	2,060,261.00	.00	.00	.00	2,060,261.00
	SEWER TOTAL	4,296,137.00	292,901.57	1,337,235.24	31.13	2,958,901.76
	SEWER SINKING TOTAL	326,505.00	.00	.00	.00	326,505.00
	LANDFILL/GARBAGE TOTAL	907,981.00	61,748.10	236,290.66	26.02	671,690.34
	STORM WATER TOTAL	779,790.00	65,424.87	258,660.98	33.17	521,129.02
	TOTAL REVENUE BY FUND	91,051,823.00	11,724,405.90	29,302,020.78	32.18	61,749,802.22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Oct-22
General
Road Use
Capital Projects
Water
Sewer
Storm Water
Solid Waste
GrimesPlex

GRIMES RESOLUTION 11-1822

RESOLUTION APPROVING QUOTES AND BILLS OVER $10,000 ACCORDING TO THE GRIMES PURCHASING AND PROCUREMENT POLICY

WHEREAS, the City of Grimes has adopted a Purchasing and Procurement Policy

WHEREAS, the Purchasing and Procurement Policy provides that purchases or payments over $10,000 have City Council approval.

WHEREAS, any items and/or service with a value of between $1,000 and $10,000 require up to three (3) quotations unless the item or service obtained or provided cannot be obtained. Products offered under government purchasing consortium do not require (3) quotes.

WHEREAS, the Finance Director will ensure that, for accounting purposes, necessary records are kept and made available for reference.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRIMES, IOWA, that the following items attached as *Exhibit A* be approved for purchase or payment.

PASSED AND APPROVED THIS 8TH DAY OF NOVEMBER 2022.

_____

Scott Mikkelsen, Mayor

ATTEST:

_____

Rochelle Williams, City Clerk

REC'D NOV 02 2022

INVOICE INV84983

IMWCA
IOWA MUNICIPALITIES WORKERS' COMPENSATION ASSOCIATION
500 SW 7TH STREET, SUITE 101
DES MOINES, IA 50309-4506
PHONE: 800-257-2708

DATE
11/1/2022

PAGE:
1

Mbr No: Member Name:
0136 Grimes, City of

Grimes, City of
101 N. Harvey Street

Grimes IA 50111

Please remit payment to: IMWCA, P.O. Box 8186, Des Moines, IA 50301

PURCHASE ORDER NO.	CUSTOMER ID	SALES ID	SHIPPING METHOD	PAYMENT TERMS	REQ'D SHIP DATE	MASTER NUMBER
	GRIME001	AG0209				

QUANTITY	ITEM NUMBER	DESCRIPTION	UOM	DISCOUNT	UNIT PRICE	EXTENDED PRICE
1.00	INSTALL5	Installment 5 - Work Comp Prem 22-23			10,679.00	$10,679.00

112-150-6160 5899.17
112-160-6160 1377.50
112-210-6160 3402.33

PAID

This invoice is due by December 1, 2022.

A FINANCE CHARGE of 1.5% (APR 18%) will be added to balances over 30 days past the due date.

When you provide a check as payment, you authorize IMWCA either to use the information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. For inquiries please call 515-244-7282.

Thank You

Subtotal	$10,679.00
Bond Credit	$0.00
Misc	$0.00
Total	$10,679.00

POLK COUNTY

POLK COUNTY

INVOICE

Date: 11/1/2022
Invoice Date: 11/1/2022
Invoice No: 10785

CITY OF GRIMES
ATTN: CITY CLERK
101 N. HARVEY STREET
GRIMES IA 50111

Remit To:

POLK COUNTY AUDITOR'S OFFICE
CENTRAL ACCOUNTING DIVISION:RM 315
ADMINISTRATIVE OFFICE BUILDING
111 COURT AVENUE
DES MOINES, IA 50309

Account: 32857

Contact: NICOLE MARTINSON
(515) 286-3818
Nicole.Martinson@polkcountyiowa.gov

Item	Due Date	Description	Amount
001	12/1/2022	GRIMES LE CONTRACT 10/22	115,821.83

Total Due **115,821.83**

Make checks payable to: **POLK COUNTY TREASURER**

Thank you for your prompt payment.

12:46 pm, Nov 02, 2022

Curtis Pion
Business Manager, PCSO

Invoice

REC'D OCT 24 2022

MUNICIPAL SUPPLY, INC.
Municipal, Contractor, and Industrial Supplies
1550 N.E. 51st Avenue Des Moines, Iowa 50313
PH: (515) 262-1300 FAX: (515) 262-6662
WATS (800) 747-2025

INVOICE NUMBER: 0852443-IN
INVOICE DATE: 10/20/2022

ORDER NUMBER: 0132260
ORDER DATE: 10/18/2022
SHIP DATE: 10/18/2022
SALESPERSON: KENT KUEHL

CUSTOMER NO: 10-GRIMES

SOLD TO:
CITY OF GRIMES
101 NE HARVEY ST
GRIMES, IA 50111

SHIP TO:
CITY OF GRIMES
101 NE HARVEY ST
GRIMES, IA 50111

BUYER: Chase Riggen

CUSTOMER P.O.	JOB NAME	SHIP VIA	TERMS
1998	INVENTORY STOCK	KENT	NET 30 DAYS

ITEM NO.	UNIT	ORDERED	SHIPPED	BACK ORD	PRICE	AMOUNT
C38-232.5NL 3/4" MTR COUP 2 1/2" LONG	EACH	50.00	50.00	0.00	16.20	810.00
M510MF13WXMI SGL PORT WIRED SMART POINT	EACH	27.00	27.00	0.00	160.00	4,320.00
M510MF13W3WMI DUAL PORT WIRED SMART POINT	EACH	27.00	27.00	0.00	209.00	5,643.00

ORDER# 132260

EMAILED
OCT 25 2022

A SERVICE CHARGE OF 1 1/2% WITH A MINIMUM OF $1.00 PER MONTH WILL BE CHARGED ON ALL PAST DUE ACCOUNTS.

Net Invoice:	10,773.00
Freight:	0.00
Sales Tax:	0.00
Invoice Total:	10,773.00

Synergy Fire & Safety
4338 Hubbell Ave
Des Moines, IA 50317
515-381-0102
ssutton@synergyfire.net

Invoice 18204

BILL TO
City of Grimes
City of Grimes
101 NE Harvey Street
Grimes, Iowa 50111

SHIP TO
US Water Services Corporation
1801 N James Street
Grimes, Iowa 50111

DATE	PLEASE PAY	DUE DATE
10/16/2022	**$21,335.83**	11/15/2022

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
10/11/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-3 Load(s)	3	425.00	1,275.00
10/11/2022	**NHMC-Non-Haz**	128,760 Pounds Collected	128,760	0.0073	939.95
10/12/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-3 Load(s)	3	425.00	1,275.00
10/12/2022	**NHMC-Non-Haz**	166,640 Pounds Collected	166,640	0.0073	1,216.47
10/13/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-3 Load(s)	3	425.00	1,275.00
10/13/2022	**NHMC-Non-Haz**	121,140 Pounds Collected	121,140	0.0073	884.32
10/14/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-4 Load(s)	3	425.00	1,275.00
10/14/2022	**NHMC-Non-Haz**	121,840 Pounds Collected	121,840	0.0073	889.43
10/15/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-7 Load(s)	7	425.00	2,975.00
10/15/2022	**NHMC-Non-Haz**	325,020 Pounds Collected	325,020	0.0073	2,372.65
10/16/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-9 Load(s)	9	425.00	3,825.00
10/16/2022	**NHMC-Non-Haz**	429,180 Pounds Collected	429,180	0.0073	3,133.01

TOTAL DUE $21,335.83

THANK YOU.

EMAILED
OCT 25 2022

Synergy Fire & Safety
4338 Hubbell Ave
Des Moines, IA 50317
515-381-0102
ssutton@synergyfire.net

Invoice 18275

BILL TO	SHIP TO	DATE	PLEASE PAY	DUE DATE
City of Grimes City of Grimes 101 NE Harvey Street Grimes, Iowa 50111	US Water Services Corporation 1801 N James Street Grimes, Iowa 50111	10/22/2022	**$23,442.46**	11/21/2022

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
10/17/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-4 Load(s)	4	425.00	1,700.00
10/17/2022	**NHMC-Non-Haz**	168,180 Pounds Collected	168,180	0.0073	1,227.71
10/18/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-3 Load(s)	3	425.00	1,275.00
10/18/2022	**NHMC-Non-Haz**	151,700 Pounds Collected	151,700	0.0073	1,107.41
10/19/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-5 Load(s)	5	425.00	2,125.00
10/19/2022	**NHMC-Non-Haz**	198,980 Pounds Collected	198,980	0.0073	1,452.55
10/20/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-4 Load(s)	4	425.00	1,700.00
10/20/2022	**NHMC-Non-Haz**	198,000 Pounds Collected	198,000	0.0073	1,445.40
10/21/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-3 Load(s)	3	425.00	1,275.00
10/21/2022	**NHMC-Non-Haz**	114,540 Pounds Collected	114,540	0.0073	836.14
10/22/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-7 Load(s)	7	475.00	3,325.00
10/22/2022	**NHMC-Non-Haz**	362,140 Pounds Collected	362,140	0.0073	2,643.62
10/23/2022	**NHMC-Non-Haz**	Non-Hazard Material Collection-4 Load(s)	4	475.00	1,900.00
10/23/2022	**NHMC-Non-Haz**	195,840 Pounds Collected	195,840	0.0073	1,429.63

TOTAL DUE $23,442.46

THANK YOU.

EMAILED
OCT 26 2022

Edwards Enterprises, Inc.
111 5th Avenue SW
Altoona, IA 50009
(515) 249-2585
edwardsenterprisesia@gmail

Invoice 4713

BILL TO
Nick Deardorff
USW Utility Group
1801 North James St.
Grimes, Iowa 50111

DATE	PLEASE PAY	DUE DATE
08/29/2022	**$12,741.43**	09/13/2022

P.O. NUMBER
808 NE 11st St. Grimes, IA

	QTY	RATE	AMOUNT
Repair water line as discussed and agreed upon at 808 NE 11th St. (Nick Deardorff - project contact)	1	12,741.43	12,741.43
Labor, Material, Trucking, Rock, Concrete and permits/inspections included Applicable taxes included			

Please note all invoices are due per terms stated.

Thank you.

SUBTOTAL	12,741.43
TAX	0.00
TOTAL	12,741.43
TOTAL DUE	**$12,741.43**

THANK YOU.

All past due balances are subject to finance charges. Thank you for your business.

Innovative

Part of **Clarivate**

Invoice

Innovative Interfaces Incorporated
3133 W. Frye Rd.
Suite 400
Chandler, AZ 85226
United States
pq-billing@clarivate.com

Invoice #	INV-INC32694
Invoice Date	10/20/2022
Terms	
PO #	
Due Date	11/30/2022
Site Code	GRIM1835
Created From	Sales Order #SO-INC32958
Currency	US Dollar

Bill To

Grimes Public Library
200 North James Street
Grimes IA 50111
United States

Qty	Description	Options	Amount
1	Syndetics Unbound Subscription 1 December 2022 - 30 November 2023		2,894.06

Total	2,894.06
Amount Due	US$2,894.06

FEIN 94-2553274

Please remit electronically to:
Bank of America, N.A.
ABA/Routing Code: 026009593
SWIFT (USD Payments) : BOFAUS3N
SWIFT (non-USD Payments) : BOFAUS6S
Beneficiary: Innovative Interfaces Incorporated
Beneficiary Account: 1416200046

For payments remitted by check via regular mail:
Innovative Interfaces, Inc
PO Box 74008010
Chicago, IL 60674-8010

For payments remitted by check via FedEx and/or UPS:
Bank of America Lockbox Services
Innovative Interfaces, Inc
LBX #74008010
540 W Madison, FL 4
Chicago, IL 60661

Please help fight phishing and other fraud attempts. Confirm any requests to change Innovative's payment Bank Account Details by calling your trusted contact at Innovative

For billing inquiries contact us at:
1-510-655-6200 or pq-billing@clarivate.com

PAID

innovative

Part of **Clarivate**

Invoice

Innovative Interfaces Incorporated
3133 W. Frye Rd.
Suite 400
Chandler, AZ 85226
United States
pq-billing@clarivate.com

Invoice #	INV-INC32695
Invoice Date	10/20/2022
Terms	
PO #	
Due Date	11/30/2022
Site Code	GRIM1835
Created From	Sales Order #SO-INC32960
Currency	US Dollar

Bill To

Grimes Public Library
200 North James Street
Grimes IA 50111
United States

Qty	Description	Options	Amount
1	Polaris Multi-Tenant Hosting - US/APAC		4,763.23
1	eContent Integration Subscription 1 December 2022 - 30 November 2023	Overdrive: Yes RB Digital: No Axis 360: No	1,584.22

Total	6,347.45
Amount Due	US$6,347.45

PAID

FEIN 94-2553274

Please remit electronically to:
Bank of America, N.A.
ABA/Routing Code: 026009593
SWIFT (USD Payments) : BOFAUS3N
SWIFT (non-USD Payments) : BOFAUS6S
Beneficiary: Innovative Interfaces Incorporated
Beneficiary Account: 1416200046

For payments remitted by check via regular mail:
Innovative Interfaces, Inc
PO Box 74008010
Chicago, IL 60674-8010

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Bank of America Lockbox Services
Innovative Interfaces, Inc
LBX #74008010
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For billing inquiries contact us at:
1-510-655-6200 or pq-billing@clarivate.com

innovative

Part of **Clarivate**

Invoice

Innovative Interfaces Incorporated
3133 W. Frye Rd.
Suite 400
Chandler, AZ 85226
United States
pq-billing@clarivate.com

Invoice #	INV-INC32696
Invoice Date	10/20/2022
Terms	
PO #	
Due Date	11/30/2022
Site Code	GRIM1835
Created From	Sales Order #SO-INC33713
Currency	US Dollar

Bill To

Grimes Public Library
200 North James Street
Grimes IA 50111
United States

Qty	Description	Options	Amount
1	Polaris Core Bundle Maintenance for public libraries		2,924.07
6	Additional Staff User Licenses Maintenance		888.29
	1 December 2022 - 30 November 2023		

Total	3,812.36
Amount Due	US$3,812.36

FEIN 94-2553274

Please remit electronically to:
Bank of America, N.A.
ABA/Routing Code: 026009593
SWIFT (USD Payments) : BOFAUS3N
SWIFT (non-USD Payments) : BOFAUS6S
Beneficiary: Innovative Interfaces Incorporated
Beneficiary Account: 1416200046

For payments remitted by check via regular mail:
Innovative Interfaces, Inc
PO Box 74008010
Chicago, IL 60674-8010

For payments remitted by check via FedEx and/or UPS:
Bank of America Lockbox Services
Innovative Interfaces, Inc
LBX #74008010
540 W Madison, FL 4
Chicago, IL 60661

Please help fight phishing and other fraud attempts. Confirm any requests to change Innovative's payment Bank Account Details by calling your trusted contact at Innovative

For billing inquiries contact us at:
1-510-655-6200 or pq-billing@clarivate.com

PAID

CITY OF GRIMES

CITY COUNCIL COMMUNICATION
Meeting Date: 11/08/2022

AGENDA ITEM:
Urban Renewal Plan Amendment Signature Ernst Holdings

BACKGROUND:
As you may recall, in May of 2022, the City Council authorized staff to begin negotiating a development agreement with Signature Development for the extension of NE Beaverbrooke Blvd and NE Destination Drive. Signature Development will construct a portion of the improvements, and the City will construct the improvements that are off site. In the case of the improvements to be constructed by Signature, they will receive an economic incentive equivalent to the cost of the improvements. In the case of the improvements to be constructed by the City, Signature will reimburse the City for the costs incurred associated with the construction of the improvements, and for doing so, Signature will receive an economic incentive equivalent to the reimbursement.

As such, the Grimes Urban Renewal Plan must be amended to include the project. The necessary Urban Renewal Proceedings have been drafted and are included in your packet for consideration.

First, a public hearing on the proposed amendment must be held.

Second, a resolution approving the plan amendment must be adopted.

Lastly, a resolution setting date for public hearing to consider development agreement must be adopted.

BUDGETARY CONSIDERATIONS:
The plan amendment and development agreement identify a not to exceed amount of $8,000,000 in economic development incentives, which are associated with the construction of the commercial roadway improvements.

BOARD/COMMISSION ACTION(S):
N/A

STAFF RECOMMENDATION:
Approval

RESPONSIBLE STAFF/CONTACT INFORMATION:
Alex Pfaltzgraff
apfaltzgraff@grimesiowa.gov
515-986-4050

Prepared by: Alex Pfaltzgraff
Return to: Alex Pfaltzgraff

HEARING ON AND APPROVAL OF 2022 AMENDMENT TO THE GRIMES URBAN RENEWAL AREA

419952-90

Grimes, Iowa

November 8, 2022

The City Council of the City of Grimes, Iowa, met on November 8, 2022, at 5:30 o'clock, p.m., at the Grimes Community Center, 410 SE Main Street, in the City for the purpose of conducting 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 City Council investigated and found that notice of the intention of the Council to conduct a public hearing on the urban renewal plan amendment had been published according to law and as directed by the Council and that this is the time and place at which the Council shall receive oral or written objections from any resident or property owner of the City. All written objections, statements, and evidence heretofore filed were reported to the City Council, and all oral objections, statements, and all other exhibits presented were considered.

The following named persons presented oral objections, statements, or evidence as summarized below; filed written objections or statements, copies of which are attached hereto; or presented other exhibits, copies of which are attached hereto:

(Here list all persons presenting written or oral statements or evidence and summarize each presentation.)

There being no further objections, comments, or evidence offered, the Mayor announced the hearing closed.

Council Member _____ moved the adoption of a resolution entitled "Resolution to Approve Urban Renewal Plan Amendment for the Grimes Urban Renewal Area," seconded by Council Member _____. After 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 and signed approval thereto.

RESOLUTION NO. 11-1022

Resolution to Approve Urban Renewal Plan Amendment for the Grimes Urban Renewal Area

WHEREAS, as a preliminary step to exercising the authority conferred upon Iowa cities by Chapter 403 of the Code of Iowa (the "Urban Renewal Law"), a municipality must adopt a resolution finding that one or more slums, blighted or economic development areas exist in the municipality and that the rehabilitation, conservation, redevelopment, development or a combination thereof, of such area or areas is necessary in the interest of the public health, safety or welfare of the residents of the municipality; and

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

WHEREAS, an amendment (the "Amendment") to the Plan has been prepared which authorizes the undertaking of a new urban renewal project (the "Project") in the Urban Renewal Area consisting of providing tax increment financing support to Signature Ernst Holdings, LLC in connection with the development of property for commercial uses, including the construction of public infrastructure improvements; and

WHEREAS, notice of a public hearing by the City Council on the proposed Amendment was heretofore given in strict compliance with the provisions of Chapter 403 of the Code of Iowa, and the Council has conducted said hearing on November 8, 2022; and

WHEREAS, copies of the Amendment, notice of public hearing and notice of a consultation meeting with respect to the Amendment were mailed to Polk County, the Johnston Community School District, and the Dallas Center-Grimes Community School District; the consultation meeting was held on the ____ day of _____, 2022; and responses to any comments or recommendations received following the consultation meeting were made as required by law;

NOW, THEREFORE, It Is Resolved by the City Council of the City of Grimes, Iowa, as follows:

Section 1. The Amendment, attached hereto and made a part hereof, is hereby in all respects approved.

Section 2. It is hereby determined by this City Council as follows:

A. The Project proposed under the Amendment conforms to the general plan for the development of the City;

B. The Project proposed under the Amendment is necessary and appropriate to facilitate the proper growth and development of the City in accordance with sound planning standards and local community objectives.

C. It is not intended that families will be displaced as a result of the City's undertaking under the Amendment. Should such issues arise with future projects, then the City will ensure that a feasible method exists to carry out any relocations without undue hardship to the displaced and into safe, decent, affordable and sanitary housing.

Section 3. All resolutions or parts thereof in conflict herewith are hereby repealed, to the extent of such conflict.

Passed and approved November 8, 2022.

_____
Scott Mikkelsen, Mayor

Attest:

_____
Rochelle Williams, City Clerk

(Attach copy of the urban renewal plan amendment to this resolution.)

• • • •

Upon motion and vote, the meeting adjourned.

_____
Scott Mikkelsen, Mayor

Attest:

_____
Rochelle Williams, City Clerk

STATE OF IOWA
COUNTIES OF DALLAS AND POLK SS:
CITY OF GRIMES

I, the undersigned, do hereby certify that I am the duly appointed, qualified and acting City Clerk of the City of Grimes, and 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 approving the urban renewal plan amendment for the Grimes Urban Renewal Area in the City of Grimes, Iowa.

WITNESS MY HAND this ____ day of _____, 2022.

_____
Rochelle Williams, City Clerk

CITY OF GRIMES

CITY COUNCIL COMMUNICATION
Meeting Date: 11/08/2022

AGENDA ITEM:
Urban Renewal Plan Amendment Signature Ernst Holdings

BACKGROUND:
As you may recall, in May of 2022, the City Council authorized staff to begin negotiating a development agreement with Signature Development for the extension of NE Beaverbrooke Blvd and NE Destination Drive. Signature Development will construct a portion of the improvements, and the City will construct the improvements that are off site. In the case of the improvements to be constructed by Signature, they will receive an economic incentive equivalent to the cost of the improvements. In the case of the improvements to be constructed by the City, Signature will reimburse the City for the costs incurred associated with the construction of the improvements, and for doing so, Signature will receive an economic incentive equivalent to the reimbursement.

As such, the Grimes Urban Renewal Plan must be amended to include the project. The necessary Urban Renewal Proceedings have been drafted and are included in your packet for consideration.

First, a public hearing on the proposed amendment must be held.

Second, a resolution approving the plan amendment must be adopted.

Lastly, a resolution setting date for public hearing to consider development agreement must be adopted.

BUDGETARY CONSIDERATIONS:
The plan amendment and development agreement identify a not to exceed amount of $8,000,000 in economic development incentives, which are associated with the construction of the commercial roadway improvements.

BOARD/COMMISSION ACTION(S):
N/A

STAFF RECOMMENDATION:
Approval

RESPONSIBLE STAFF/CONTACT INFORMATION:
Alex Pfaltzgraff
apfaltzgraff@grimesiowa.gov
515-986-4050

Prepared by: Alex Pfaltzgraff
Return to: Alex Pfaltzgraff

SET DATE FOR HEARING ON DEVELOPMENT AGREEMENT AND TAX INCREMENT PAYMENTS

(Signature Ernst Holdings, LLC)

419952-90

Grimes, Iowa

November 8, 2022

A meeting of the City Council of the City of Grimes, Iowa, was held at 5:30 p.m. at the Grimes Community Center, 410 SE Main Street, in the City, on November 8, 2022, pursuant to the rules of the Council.

The Mayor presided and the roll was called, showing members present and absent as follows:

Present: _____

Absent: _____.

Council Member _____ introduced the resolution next hereinafter set out and moved its adoption, seconded by Council Member _____; and after due consideration thereof by the City Council, the Mayor put the question upon the adoption of said resolution, and the roll being called, the following named Council Members voted:

Ayes: _____

Nays: _____.

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

RESOLUTION NO. 11-1122

Resolution Setting a Date of Meeting at Which it is Proposed to Approve a Development Agreement with Signature Ernst Holdings, LLC, Including Annual Appropriation Tax Increment Payments

WHEREAS, the City of Grimes, Iowa (the "City"), pursuant to and in strict compliance with all laws applicable to the City, and in particular the provisions of Chapter 403 of the Code of Iowa, has adopted an Urban Renewal Plan for the Grimes Urban Renewal Area (the "Urban Renewal Area"); and

WHEREAS, this City Council has adopted an ordinance providing for the division of taxes levied on taxable property in the Urban Renewal Area pursuant to Section 403.19 of the Code of Iowa and establishing the fund referred to in Subsection 2 of Section 403.19 of the Code of Iowa, which fund and the portion of taxes referred to in that subsection may be irrevocably pledged by the City for the payment of the principal of and interest on indebtedness incurred under the authority of Section 403.9 of the Code of Iowa to finance or refinance in whole or in part projects in the Urban Renewal Area; and

WHEREAS, the City now proposes to enter into a certain development agreement (the "Development Agreement") with Signature Ernst Holdings, LLC (the "Company") in connection with the development of property for commercial uses, including the construction of public infrastructure improvements, in the Grimes Urban Renewal Area; and

WHEREAS, the Development Agreement would provide financial incentives to the Company in connection with the Project in the form of annual appropriation incremental property tax payments in an amount not to exceed $8,000,000 under the authority of Section 403.9(1) of the Code of Iowa; and

WHEREAS, it is necessary to set a date for a public hearing on the Development Agreement, pursuant to Section 403.9 of the Code of Iowa;

NOW THEREFORE, IT IS RESOLVED by the City Council of the City of Grimes, Iowa, as follows:

Section 1. This City Council shall meet on November 22, 2022 at the Grimes Community Center at 5:30 p.m., at which time and place proceedings will be instituted and action taken to approve the Development Agreement and to authorize the annual appropriation incremental property tax payments.

Section 2. The City Clerk is hereby directed to give notice of the proposed action, the time when and place where said meeting will be held, by publication at least once not less than four days and not more than twenty days before the date of said meeting in a legal newspaper of general circulation in the City. Said notice shall be in substantially the following form:

NOTICE OF MEETING FOR APPROVAL OF DEVELOPMENT AGREEMENT WITH SIGNATURE ERNST HOLDINGS, LLC AND AUTHORIZATION OF ANNUAL APPROPRIATION TAX INCREMENT PAYMENTS

The City Council of the City of Grimes, Iowa, will meet on November 22, 2022 at the Grimes Community Center, at 5:30 o'clock p.m., at which time and place proceedings will be instituted and action taken to approve a Development Agreement between the City and Signature Ernst Holdings, LLC (the "Company") in connection with the development of property for commercial uses, including the construction of public infrastructure improvements, in the Grimes Urban Renewal Area, which Development Agreement provides for certain financial incentives in the form of incremental property tax payments to the Company in a total amount not exceeding $8,000,000 as authorized by Section 403.9 of the Code of Iowa.

The commitment of the City to make incremental property tax payments to the Company under the Development Agreement will not be a general obligation of the City, but such payments will be payable solely and only from incremental property tax revenues generated within the Grimes Urban Renewal Area. Some or all of the payments under the Development Agreement may be made subject to annual appropriation by the City Council.

At the meeting, the City Council will receive oral or written objections from any resident or property owner of the City. Thereafter, the City Council may, at the meeting or at an adjournment thereof, take additional action to approve the Development Agreement or may abandon the proposal.

This notice is given by order of the City Council of Grimes, Iowa, in accordance with Section 403.9 of the Code of Iowa.

Rochelle Williams
City Clerk

Section 3. All resolutions or parts of resolutions in conflict herewith are hereby repealed.

Section 4. This resolution shall be in full force and effect immediately upon its adoption and approval, as provided by law.

Passed and approved November 8, 2022.

_____
Scott Mikkelsen, Mayor

Attest:

_____
Rochelle Williams, City Clerk

• • • •

On motion and vote the meeting adjourned.

_____
Scott Mikkelsen, Mayor

Attest:

_____
Rochelle Williams, City Clerk

STATE OF IOWA
COUNTIES OF DALLAS AND POLK SS:
CITY OF GRIMES

I, the undersigned, City Clerk of the City of Grimes, Iowa hereby certify that the foregoing is a true and correct copy of the minutes of the Council of the City relating to the adoption of a resolution to fix a date of meeting at which it is proposed to take action to approve a Development Agreement.

I do further certify that the notice of hearing, to which the printed slip attached to the publisher's original 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.

WITNESS MY HAND this ____ day of _____, 2022.

_____
Rochelle Williams, City Clerk

(Attach here the publisher's original affidavit with clipping of the notice as published.)

(PLEASE NOTE: Do not sign and date this certificate until you have checked a copy of the published notice and have verified that it was published on the date indicated in the publisher's affidavit.)

CITY OF GRIMES

CITY COUNCIL COMMUNICATION
Meeting Date: 11/08/2022

AGENDA ITEM:
Ordinance Deleting Property from the Tax Increment Financing District and an Ordinance Providing for the Division of Taxes Levied on Taxable Property in the Grimes Urban Renewal Area

BACKGROUND:
Earlier this year, it came to the attention of Staff, by way of the Polk County Auditors Office, that there were conflicts between the Hope Commercial Plat 4 and two of the Tax Increment Finance Districts in the City of Grimes. Due to how the property was platted, certain lots were divided into 2 or 3 tax parcels. This meant that in the future, values would need to be allocated to each parcel, and separate tax bills would be sent to the property owners. In the past, this has created confusion, for owners, and as such, staff wanted to take the opportunity to clean up the area.

In addition to the Hope Commercial Plat 4 development area, there are also two areas in the southern portion of the City, that are in Urbandale due to recent severances and annexations. These areas will also be cleaned up.

As such, there are two actions up for consideration by the City Council. The first is an ordinance deleting certain property from certain TIF Districts. The ordinances impacted are 237, 690 and 741. The second is an ordinance that adds back the properties removed from ordinance 690 and 741, into a new ordinance.

The two actions will remove the partial tax parcels and allow the parcel to have one effective tax parcel.

BUDGETARY CONSIDERATIONS:
No budgetary impacts will be realized with this action. The parcels in question have no valuation, therefore there will be no impact to the base or TIF collections.

BOARD/COMMISSION ACTION(S):
N/A

STAFF RECOMMENDATION:
Approval

RESPONSIBLE STAFF/CONTACT INFORMATION:
Alex Pfaltzgraff
apfaltzgraff@grimesiowa.gov
515-986-4050

Prepared by: Alex Pfaltzgraff
Return to: Alex Pfaltzgraff

MINUTES PROVIDING FOR PASSAGE OF AN ORDINANCE DELETING PROPERTY FROM A TAX INCREMENT FINANCING DISTRICT FOR THE GRIMES URBAN RENEWAL AREA

419952-90

Grimes, Iowa

November 8, 2022

The City Council of the City of Grimes, Iowa, met on November 8, 2022 at 5:30 p.m., at the Grimes Community Center, in the City.

The Mayor presided and the roll was called showing members present and absent, as follows:

Present: _____

Absent: _____.

Council Member _____ introduced an ordinance entitled "Ordinance No._____. An Ordinance Deleting Property From the Tax Increment Financing District for the Grimes Urban Renewal Area of the City of Grimes, Iowa, Pursuant to Section 403.19 of the Code of Iowa."

It was moved by Council Member _____ and seconded by Council Member _____ that the ordinance be given its first consideration and that it be adopted. 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 motion duly carried and declared that the ordinance had been given its initial consideration.

It was moved by Council Member _____ and seconded by Council Member _____ that the statutory rule requiring an ordinance to be considered and voted on for passage at two Council meetings prior to the meeting at which it is to be finally passed be suspended. 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 motion duly carried.

It was moved by Council Member _____ and seconded by Council Member _____ that the ordinance entitled "Ordinance No._____. An Ordinance Deleting Property From the Tax Increment Financing District for the Grimes Urban Renewal Area of the City of Grimes, Iowa, Pursuant to Section 403.19 of the Code of Iowa," now be put upon its final consideration and adoption. The Mayor put the question on the final consideration and adoption of the ordinance and the roll being called, the following named Council Members voted:

Ayes: _____

Nays: _____.

Whereupon, the Mayor declared the motion duly carried and the ordinance duly adopted, as follows:

ORDINANCE NO. 772

An Ordinance Deleting Property From the Tax Increment Financing District for the Grimes Urban Renewal Area of the City of Grimes, Iowa, Pursuant to Section 403.19 of the Code of Iowa

WHEREAS, the City Council of the City of Grimes, Iowa (the "City") previously enacted Ordinance No. 690, Ordinance No. 237 and Ordinance No. 741 (collectively referred to herein as, the "TIF Ordinances") providing for the division of taxes levied on taxable property in the Grimes Urban Renewal Area pursuant to Section 403.19 of the Code of Iowa; and

WHEREAS, pursuant to such TIF Ordinances, certain real property situated in the Grimes Urban Renewal Area in the City was designated a "tax increment district"; and

WHEREAS, the City Council now desires to decrease the size of the "tax increment district" by deleting certain property;

BE IT ENACTED by the City Council of the City of Grimes, Iowa:

Section 1. Purpose. The purpose of this ordinance is to delete certain property from the tax increment financing district for the Grimes Urban Renewal Area.

Section 2. Definitions. For use within this ordinance the following terms shall have the following meanings:

"Deleted Property" shall mean the real property legally described as follows:

(1) Certain real property identified in Ordinance 690 of the City and more particularly described as follows:

ALL PORTIONS OF LOTS 14, 39, 40, 41, 42, 56 AND LOT B OF HOPE COMMERCIAL PLAT 4, AN OFFICIAL PLAT; and

The West 118.5 rods (except the North 1974 feet thereof) of the Northwest Fractional Quarter (NW Fri 1/4) of Section 18, Township 79 North, Range 25, West of the 5th P .M., also described as follows:

The South 30.20 Acres of the West 118.50 Acres of the Northwest Fractional Quarter (NW Fri 1/4) of Section Eighteen (18), Township Seventy-nine (79) North of Range Twenty-five (25), West of the 5th P.M., subject to road.

(2) Certain real property identified in Ordinance No. 237 of the City and more particularly described as follows:

THE SW ¼ AND THE W ¼ OF THE SE ¼ OF SECTION 17; THE E ½ OF THE SE ¼ OF SECTION 18; THE E ½ OF THE NE ¼ OF SECTION 19; THE NW ¼ AND THE W ½ OF THE SW ¼ OF SECTION 20, ALL IN TOWNSHIP 79 NORTH, RANGE 25 WEST.

(3) Certain real property identified in Ordinance No. 741 of the City and more particularly described as follows:

ALL PORTIONS OF LOTS 14, 29, 35, 39 AND LOT B OF HOPE COMMERCIAL PLAT 4, AN OFFICIAL PLAT

Section 3. The Deleted Property is hereby removed from the tax increment financing district for the Grimes Urban Renewal Area. No division of property tax revenues as provided under Section 403.19 of the Code of Iowa shall be done with respect to the Deleted Property without further action by the City Council.

Section 4. Repealer. All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

Section 5. Saving 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 6. Effective Date. This ordinance shall be effective after its final passage, approval and publication as provided by law.

Passed and approved by the City Council of the City of Grimes, Iowa, on November 8, 2022.

_____
Mayor Scott Mikkelsen

Attest:

_____
City Clerk Rochelle Williams

• • • • •

There being no further business to come before the meeting, it was upon motion adjourned.

_____
Mayor Scott Mikkelsen

Attest:

_____
City Clerk Rochelle Williams

STATE OF IOWA
DALLAS AND POLK COUNTIES SS:
CITY OF GRIMES

I, the undersigned, City Clerk of the City of Grimes, Iowa do hereby certify that the attached is a true, correct and complete copy of all the records of the Council of the City relating to the adoption of an ordinance entitled "Ordinance No. _____. An Ordinance Deleting Property From the Tax Increment Financing District for the Grimes Urban Renewal Area of the City of Grimes, Iowa, Pursuant to Section 403.19 of the Code of Iowa."

WITNESS MY HAND this ____ day of _____, 2022.

_____
City Clerk Rochelle Williams

STATE OF IOWA

SS:

POLK COUNTY

I, the undersigned, County Auditor of Polk County, Iowa in the State of Iowa, do hereby certify that on the ____ day of _____, 2022, the City Clerk of the City of Grimes, Iowa, filed in my office a copy of an ordinance of the City shown to have been adopted by the Council and approved by the Mayor thereof on November 8, 2022, entitled: "Ordinance No._____. An Ordinance Deleting Property From the Tax Increment Financing District for the Grimes Urban Renewal Area of the City of Grimes, Iowa, Pursuant to Section 403.19 of the Code of Iowa," and that I have duly placed a copy of the ordinance on file in my records.

WITNESS MY HAND this ___ day of _____, 2022.

_____

County Auditor

STATE OF IOWA
DALLAS AND POLK COUNTIES SS:
CITY OF GRIMES

I, the undersigned, City Clerk of the City of Grimes, do hereby certify that I caused to be published "Ordinance No.772. An Ordinance Deleting Property From the Tax Increment Financing District for the Grimes Urban Renewal Area of the City of Grimes, Iowa, Pursuant to Section 403.19 of the Code of Iowa," of which the printed slip attached to the publisher's original affidavit hereto attached is a true and complete copy, on the date and in the newspaper specified in such affidavit, and that such newspaper has a general circulation in said City.

WITNESS MY HAND this ___ day of _____, 2022.

_____
City Clerk Rochelle Williams

(Attach hereto publisher's affidavit of publication with clipping of ordinance as published.)

(PLEASE NOTE: Do not sign and date this certificate until you have checked a copy of the published ordinance and have verified that it was published on the date indicated in the publisher's affidavit.)

CITY OF GRIMES

CITY COUNCIL COMMUNICATION
Meeting Date: 11/08/2022

AGENDA ITEM:
Ordinance Deleting Property from the Tax Increment Financing District and an Ordinance Providing for the Division of Taxes Levied on Taxable Property in the Grimes Urban Renewal Area

BACKGROUND:
Earlier this year, it came to the attention of Staff, by way of the Polk County Auditors Office, that there were conflicts between the Hope Commercial Plat 4 and two of the Tax Increment Finance Districts in the City of Grimes. Due to how the property was platted, certain lots were divided into 2 or 3 tax parcels. This meant that in the future, values would need to be allocated to each parcel, and separate tax bills would be sent to the property owners. In the past, this has created confusion, for owners, and as such, staff wanted to take the opportunity to clean up the area.

In addition to the Hope Commercial Plat 4 development area, there are also two areas in the southern portion of the City, that are in Urbandale due to recent severances and annexations. These areas will also be cleaned up.

As such, there are two actions up for consideration by the City Council. The first is an ordinance deleting certain property from certain TIF Districts. The ordinances impacted are 237, 690 and 741. The second is an ordinance that adds back the properties removed from ordinance 690 and 741, into a new ordinance.

The two actions will remove the partial tax parcels and allow the parcel to have one effective tax parcel.

BUDGETARY CONSIDERATIONS:
No budgetary impacts will be realized with this action. The parcels in question have no valuation, therefore there will be no impact to the base or TIF collections.

BOARD/COMMISSION ACTION(S):
N/A

STAFF RECOMMENDATION:
Approval

RESPONSIBLE STAFF/CONTACT INFORMATION:
Alex Pfaltzgraff
apfaltzgraff@grimesiowa.gov
515-986-4050

Prepared by: Alex Pfaltzgraff
Return to: Alex Pfaltzgraff

MINUTES PROVIDING FOR PASSAGE OF AN ORDINANCE ESTABLISHING A TAX INCREMENT FINANCING DISTRICT FOR THE GRIMES URBAN RENEWAL AREA ADDITION

419952-90

Grimes, Iowa

November 8, 2022

The City Council of the City of Grimes, Iowa, met on November 8, 2022, at 5:30 p.m., at the Grimes Community Center in the City.

The Mayor presided and the roll was called showing members present and absent, as follows:

Present: _____

Absent: _____.

Council Member _____ introduced an ordinance entitled "Ordinance No. _____. An Ordinance Providing for the Division of Taxes Levied on Taxable Property in the Grimes Urban Renewal Area, Pursuant to Section 403.19 of the Code of Iowa."

It was moved by Council Member _____ and seconded by Council Member _____ that the ordinance be adopted. 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 motion duly carried and declared that the ordinance had been given its initial consideration.

It was moved by Council Member _____ and seconded by Council Member _____ that the statutory rule requiring an ordinance to be considered and voted on for passage at two Council meetings prior to the meeting at which it is to be finally passed be suspended. 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 motion duly carried.

It was moved by Council Member _____ and seconded by Council Member _____ that the ordinance entitled "Ordinance No. _____. An Ordinance Providing for the Division of Taxes Levied on Taxable Property in the Grimes Urban Renewal Area, Pursuant to Section 403.19 of the Code of Iowa," now be put upon its final consideration and adoption. The Mayor put the question on the final consideration and adoption of the ordinance and the roll being called, the following named Council Members voted:

Ayes: _____

Nays: _____.

Whereupon, the Mayor declared the motion duly carried and the ordinance duly adopted, as follows:

ORDINANCE NO. 773

An Ordinance Providing for the Division of Taxes Levied on Taxable Property in the Grimes Urban Renewal Area, Pursuant to Section 403.19 of the Code of Iowa

WHEREAS, the City Council of the City of Grimes, Iowa (the "City") has previously enacted certain ordinances providing for the division of taxes levied on certain taxable property in the Grimes Urban Renewal Area, pursuant to Section 403.19 of the Code of Iowa; and

WHEREAS, pursuant to such ordinances, certain taxable property within the Grimes Urban Renewal Area in the City has been designated as "tax increment districts"; and

WHEREAS, the City Council now desires to establish a new "tax increment district" by designating additional taxable parcels currently situated in the Grimes Urban Renewal Area;

BE IT ENACTED by the Council of the City of Grimes, Iowa:

Section 1. Purpose. The purpose of this ordinance is to provide for the division of taxes levied on certain taxable property in the Grimes Urban Renewal Area of the City of Grimes, Iowa, each year by and for the benefit of the state, city, county, school districts or other taxing districts after the effective date of this ordinance in order to create a special fund to pay the principal of and interest on loans, moneys advanced to or indebtedness, including bonds proposed to be issued by the City of Grimes to finance projects in such Grimes Urban Renewal Area.

Section 2. Definitions. For use within the remainder of this ordinance the following terms shall have the following meanings:

"City" shall mean the City of Grimes, Iowa.

"County" shall mean Polk County, Iowa.

"Tax Increment Financing District Addition" shall mean certain real property situated in the Grimes Urban Renewal Area, legally described as follows:

ALL OF LOTS 14, 29, 30, 31, 32, 33, 34, 35, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 52, 53, 54, 55, 56 AND LOT B OF HOPE COMMERCIAL PLAT 4, AN OFFICIAL PLAT; AND LOTS 1 & 2 OF HOPE COMMERCIAL PLAT 5, AN OFFICIAL PLAT.

"Urban Renewal Area" shall mean the entirety of the Grimes Urban Renewal Area as amended from time to time.

Section 3. Provisions for Division of Taxes Levied on Taxable Property in the Tax Increment Financing District Addition. After the effective date of this ordinance, the taxes levied on the taxable property in the Tax Increment Financing District Addition each year by and for the benefit of the State of Iowa, the City, the County and any school district or other taxing district in which the Tax Increment Financing District Addition is located, shall be divided as follows:

(a) that portion of the taxes which would be produced by the rate at which the tax is levied each year by or for each of the taxing districts upon the total sum of the assessed value of the taxable property in the Tax Increment Financing District Addition, as shown on the assessment roll as of January 1 of the calendar year preceding the first calendar year in which the City certifies to the County Auditor the amount of loans, advances, indebtedness, or bonds payable from the special fund referred to in paragraph (b) below, shall be allocated to and when collected be paid into the fund for the respective taxing district as taxes by or for said taxing district into which all other property taxes are paid. For the purpose of allocating taxes levied by or for any taxing district which did not include the territory in the Tax Increment Financing District Addition on the effective date of this ordinance, but to which the territory has been annexed or otherwise included after the effective date, the assessment roll applicable to property in the annexed territory as of January 1 of the calendar year preceding the effective date of the ordinance which amends the plan for the Tax Increment Financing District Addition to include the annexed area, shall be used in determining the assessed valuation of the taxable property in the annexed area.

(b) that portion of the taxes each year in excess of such amounts shall be allocated to and when collected be paid into a special fund of the City to pay the principal of and interest on loans, moneys advanced to or indebtedness, whether funded, refunded, assumed or otherwise, including bonds issued under the authority of Section 403.9(1), of the Code of Iowa, incurred by the City to finance or refinance, in whole or in part, projects in the Urban Renewal Area , and to provide assistance for low and moderate-income family housing as provided in Section 403.22, except that taxes for the regular and voter-approved physical plant and equipment levy of a school district imposed pursuant to Section 298.2 of the Code of Iowa, taxes for the instructional support program levy of a school district imposed pursuant to Section 257.19 of the Code of Iowa and taxes for the payment of bonds and interest of each taxing district shall be collected against all taxable property within the taxing district without limitation by the provisions of this ordinance. Unless and until the total assessed valuation of the taxable property in the Tax Increment Financing District Addition exceeds the total assessed value of the taxable property in such area as shown by the assessment roll referred to in subsection (a) of this section, all of the taxes levied and collected upon the taxable property in the Tax Increment Financing District Addition shall be paid into the funds for the respective taxing districts as taxes by or for said taxing districts in the same manner as all other property taxes. When such loans, advances, indebtedness, and bonds, if any, and interest thereon, have been paid, all money thereafter received from taxes upon the taxable property in the Tax Increment Financing District Addition shall be paid into the funds for the respective taxing districts in the same manner as taxes on all other property.

(c) the portion of taxes mentioned in subsection (b) of this section and the special fund into which that portion shall be paid may be irrevocably pledged by the City for the payment of the principal and interest on loans, advances, bonds issued under the authority of Section 403.9(1) of the Code of Iowa, or indebtedness incurred by the City to finance or refinance in whole or in part projects in the Urban Renewal Area.

(d) as used in this section, the word "taxes" includes, but is not limited to, all levies on an ad valorem basis upon land or real property.

Section 4. Repealer. All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

Section 5. Saving 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 6. Effective Date. This ordinance shall be effective after its final passage, approval and publication as provided by law.

Passed by the Council of the City of Grimes, Iowa, the 8th day of November, 2022.

_____
Mayor Scott Mikkelsen

Attest:

_____
City Clerk Rochelle Williams

• • • • •

There being no further business to come before the meeting, it was upon motion adjourned.

_____
Mayor Scott Mikkelsen

Attest:

_____
City Clerk Rochelle Williams

STATE OF IOWA

SS:

COUNTY OF POLK

I, the undersigned, County Auditor of Polk County, in the State of Iowa, do hereby certify that on the ____ day of _____, 2022, the City Clerk of the City of Grimes, Iowa, filed in my office a copy of an ordinance of such City shown to have been adopted by the Council and approved by the Mayor thereof on the 8th day of November, 2022, entitled: "Ordinance No. _____. An Ordinance Providing for the Division of Taxes Levied on Taxable Property in the Grimes Urban Renewal Area, Pursuant to Section 403.19 of the Code of Iowa", and that I have duly placed a copy of the ordinance on file in my records.

WITNESS MY HAND this ___ day of _____, 2022.

_____

County Auditor

STATE OF IOWA
COUNTIES OF POLK AND DALLAS SS:
CITY OF GRIMES

I, the undersigned, City Clerk of the City of Grimes, State of Iowa, do hereby certify that I caused to be published "Ordinance No._____. An Ordinance Providing for the Division of Taxes Levied on Taxable Property in the Grimes Urban Renewal Area, Pursuant to Section 403.19 of the Code of Iowa," of which the printed slip attached to the publisher's original affidavit hereto attached is a true and complete copy, on the date and in the newspaper specified in such affidavit, and that such newspaper has a general circulation in said City.

WITNESS MY HAND this ____ day of _____, 2022.

_____
City Clerk Rochelle Williams

(Attach hereto publisher's affidavit of publication with clipping of ordinance as published.)

STATE OF IOWA
COUNTIES OF POLK AND DALLAS SS:
CITY OF GRIMES

I, the undersigned, City Clerk of the City of Grimes, State of Iowa, do hereby certify that the attached is a true, correct and complete copy of all the records of the Council of such City relating to the adoption of an ordinance entitled "Ordinance No. _____. An Ordinance Providing for the Division of Taxes Levied on Taxable Property in the Grimes Urban Renewal Area, Pursuant to Section 403.19 of the Code of Iowa."

WITNESS MY HAND this ____ day of _____, 2022.

_____
City Clerk Rochelle Williams

DORSEY™
always ahead

November 2, 2022

VIA EMAIL
Alex Pfaltzgraff
Development Services Director/City Hall
Grimes, IA

Re: Grimes Urban Renewal Area – TIF District Addition
Our File No. 419952-90

Dear Alex:

Attached please find proceedings for use by the City Council at their November 8, 2022 meeting covering the adoption of the tax increment ordinance for certain property in the Grimes Urban Renewal Area. The City Council should waive the statutory requirement that an ordinance be considered at two meetings prior to the meeting at which it is finally adopted. This waiver requires the affirmative vote of not less than four of the five Council Members.

Once the ordinance has been finally adopted, it must be published and a copy must be filed with the County Auditor of Polk County. Please print extra copies of the ordinance for publishing and filing. Certificates are included in the proceedings to attest to each of those acts.

We will appreciate receiving executed copies of these proceedings as soon as they are available. Please contact Amy Bjork or me if you have any questions.

Best Regards,

John P. Danos

Attachments

cc: Jake Anderson
Rochelle Williams
Marcia Woodke

101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

AGENDA MEMO

For Meeting of November 2, 2022

AGENDA HEADING:
Grimes Plex Site Plan

SYNOPSIS:
The City is requesting approval of the site plan for the Grimes Plex, a 45-acre synthetic turf sports complex, generally located west of NE Heritage Drive in the Hope Commercial district. The property is zoned R-4 as part of the Hope Commercial PUD and is not located within an overlay district.

The site plan does not include the building designs and locations for the concessions, restrooms, or maintenance buildings and does not include the field lighting plan. These items will be submitted at a later date and will be brought through P&Z and Council for consideration.

Snyder & Associates completed a traffic study for the Hope Commercial area which identified improvements within the development. All of the opening year improvements have been completed, which included turn lanes on NE Heritage Drive and within the Grimes Plex driveways out to Heritage Drive. The design year improvements will be completed in the future. City staff will continue to monitor the traffic within the development and determine when additional improvements are needed. Future improvements include widening portions of NE Gateway Drive and signalization at the intersection of NE Gateway Drive and NE 10th Street.

FISCAL IMPACT:
N/A

PREVIOUS COUNCIL ACTION(S):
Approved Preliminary and Final Plat for Hope Commercial Plat 4 – 2021

BOARD/COMMISSION ACTION(S):
Recommendation for Approval – Planning and Zoning, 11/01/2022

STAFF/COMMITTEE RECOMMENDATION:
Staff would recommend approval of the site plan for the Grimes Plex subject to any remaining staff comments.

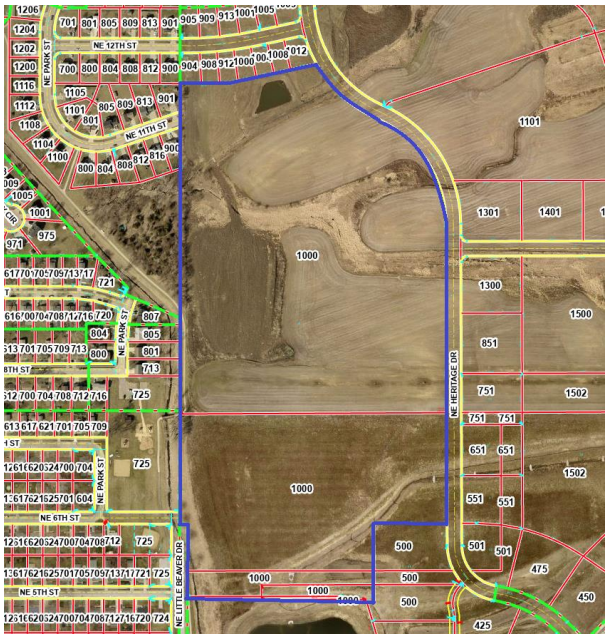
Planning & Zoning Staff Report

TO: Planning and Zoning Commission
FROM: Evann Martin, Assistant Planner
DATE: November 1, 2022
RE: Grimes Plex – Site Plan

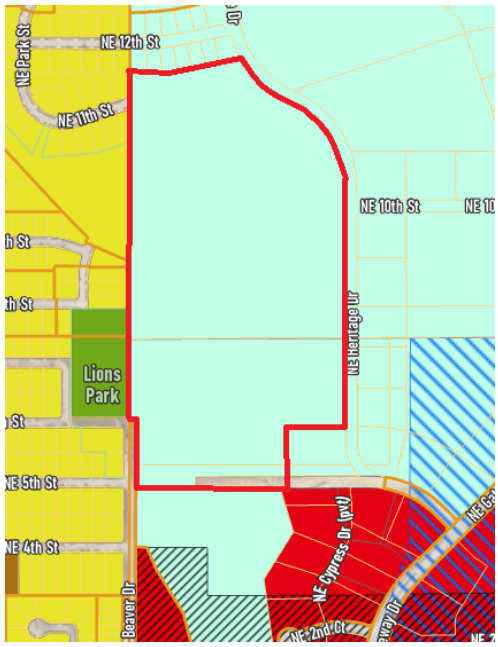
GENERAL INFORMATION:

Applicant:	City of Grimes
Requested Action	Site Plan
Location	1000 NE Heritage Drive

SUPPORTING INFORMATION:



Location Map



Zoning Map

LAND USES & ZONING:

Location	Existing Land Use	Land Use Plan Designation	Current Zoning
Subject Site	Vacant	Commercial	R-4
North	Vacant	Single-Family/Mixed Residential	R-4
South	Vacant/Commercial	Commercial	C-2
East	Vacant	Commercial	R-4
West	Single-Family Residential	Low Density Residential	R-2

BACKGROUND:

The City is requesting approval of the site plan for the Grimes Plex, a 45 acre synthetic turf sports complex, generally located west of NE Heritage Drive in the Hope Commercial district. The property is zoned R-4 as part of the Hope Commercial PUD and is not located within an overlay district.

ANALYSIS:

Site Layout:

The site will have three access points from NE Heritage Drive and one from NE Cypress Drive. Pedestrian connectivity will be provided along NE Heritage Drive, NE Cypress Drive, and from the trail around the Hope Commercial detention basin. Sidewalk connections into the site will be provided from the public sidewalks at the driveway entrances as well as from the trail. Within the sports complex, 20′ and 40′ walkway paths will be provided around every sports field pod.

Two parking lots will be provided on the north and south side of the sports complex. The larger north parking lot is designed to include gates that will give the City, or event coordinators, the ability to charge for parking. The south parking lot will not include these features, and access will be uncontrolled.

The sports complex will be completely fenced in with 6′ black vinyl coated chain-link. Spectators will gain admission through the two main entrance points. Restroom and concession buildings will be located near each entrance point in the future. Vehicle drop-off areas will also be provided at the main entrances.

Six multi-sport field pods will be located in the center of the site. Each pod can accommodate both soccer and baseball fields for a total of 12 soccer and 18 baseball fields across the site. The fields will be enclosed with 6′ black vinyl coated chain-link fencing. Behind the baseball backstops and soccer goals, back stop and ball control netting will be provided to shield spectators from stray sport balls. Two covered dugouts will be provided at each baseball field.

Pole mounted light fixtures will be installed within the north and south parking lots. Field lighting will be approved and installed with a future phase.

In addition to the Grimes Plex facility, improvements will be made to terminate NE 11th Street. A hammerhead turn around will be constructed where the street currently terminates to provide adequate turning space for emergency response vehicles. The neighboring residential property owners desire to keep the Grimes Plex separate from NE 11th Street. As such, a sidewalk connection from NE 11th Street will not be provided into the sports facility. Instead, two new ramps will be constructed to provide ADA accessible crossing at the end of NE 11th Street and provide a sidewalk loop. To provide additional separation and screening from the Grimes Plex, a berm and evergreen landscape buffer will be installed on the east side of the existing single-family homes and the east side of the hammerhead.

Building/Elevations:
Building design for the restrooms, concessions, and maintenance buildings will be completed with a future phase and will be reviewed and approved by P&Z and Council. The only building-like structures that are part of this phase will be the covered dugouts. Each dugout will be constructed of four fence posts with standing seam metal roofing and enclosed with black vinyl coated chain-link fencing.

Parking:
Parking is provided on the north and south side of the sports fields. The PUD requires a minimum of 750 parking space for the facility. As designed, a total of 1,155 parking spaces will be provided. After continued research on comparable sized sport complexes, staff determined that around a 1,000 parking spaces is ideal for the site to function and account for the switching shifts of visitors.

Landscaping/Streetscape:
The site meets the minimum required number of plantings for the Hope Commercial PUD. Trees will line the east property line along NE Heritage Drive and will be placed within the parking lot islands. Landscape buffers will be planted along the north and west property line adjacent to the existing and future single-family residential lots.

Utilities:
New 6" sanitary sewer services will connect to the existing sanitary sewers running across the north and center of the site. Grease interceptors will be installed in the future with the construction of the concession buildings.

New 6" water services will be stubbed into the site from NE Heritage Drive to service the future restroom, concession, and maintenance buildings. Appropriate hydrant locations will be provided near the building pad sites.

Detention is handled within the regional detention basins located just south and west of the site.

STAFF RECOMMENDATION:
Staff would recommend approval of the site plan for the Grimes Plex subject to any remaining staff comments.

CITY OF GRIMES

Evann Martin
Assistant Planner

Development Services
410 SE Main St, Suite 102
Grimes, IA 50111
(515)986-4050
www.grimesiowa.gov

~~July 5, 2022~~
~~August 15, 2022~~
~~August 17, 2022~~
~~September 15, 2022~~
~~September 20, 2022~~
October 12, 2022

Civil Design Advantage
Attn: Josh Trygstad
3405 SE Crossroads Drive, Suite G
Grimes, IA 50111

RE: Grimes Plex Site Plan

Dear Mr. Trygstad:

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

General Comments:

1. ~~Provide a separate SWPPP for this site for review.~~

2. ~~On all the infield areas of fields, can you verify which way the 12' gates will swing for all the field clusters. Currently the gates are swinging in according to the plans. The path of egress would be to swing out.~~

3. ~~Please provide a title for each sheet within the plan set.~~

4. ~~Provide labels/details for all utility structures and grading.~~

5. ~~Provide a Demo Plan.~~

6. ~~Provide photometric plan for parking lot and field lighting. Lighting plan to be submitted at a later date.~~

7. ~~Update City notes with attached notes for public improvements.~~

8. ~~Please make the fencing symbol for distinguishable on the plans.~~

9. ~~Check labels throughout. There are a few labels that are not pointing to the correct location or site feature.~~

10. ~~Update parking lot to new layout.~~

11. Staff to complete floodplain permit.

12. ~~Are the discharge points leading into the current ponds? Or are the discharge points where the ponds outlet into the creek?~~

13. ~~Grimes Plex will need its own NDPES permit. While it is on the ground of Hope Commercial Plat 4, we will need a new permit as there may be other contractors on this site. Staff/contractor to pull permit once project is bid.~~

14. ~~SWPPP calls for a bio-retention area, please show on site plan and include details or remove from SWPPP~~

15. ~~Reduce fencing and netting around the fields.~~

16. ~~For the dugouts, can we look at other alternatives to reduce cost? We've seen some dugouts with shade sails, some made from wood, some that do not have fencing around the back. If we went with shade sails, could we mount the sails to the top of the fence posts or provide taller fence post so the sails could attach? One benefit to the sails is that they could come in different colors which could allow us to provide a color for each pod to better direct/orient people. Below are some images we found with potential options or that may spark other ideas.~~

~~17. Label TSB 1 and TSB 2 to match SWMP information.~~

Cover Sheet:

~~1. Update legal description to remove "lots to be platted".~~

~~2. Add property address – 1000 NE Heritage Drive~~

~~3. Update parking space count.~~

~~4. Update applicant/owner to City of Grimes 101 NE Harvey St~~

C1.1:

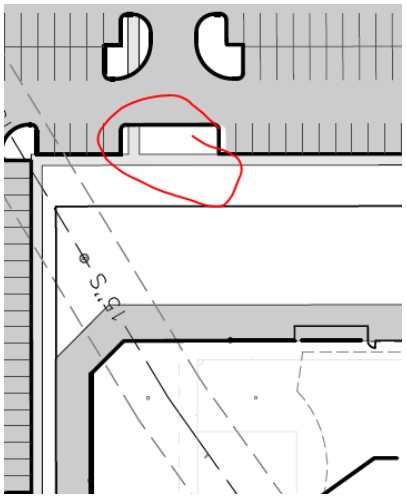
~~1. Complete ERI.~~

C3.0

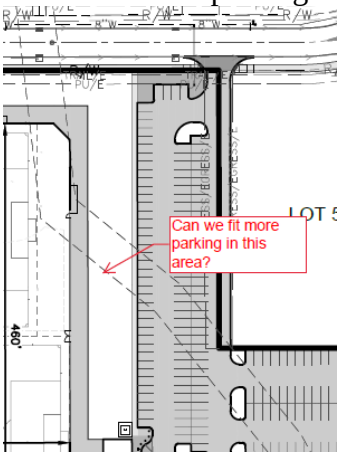
~~1. Has Mid-Am weighed in on the transformer locations?~~

~~2. We need to consult the neighborhood about the sidewalk connection to 11th Street. Please remove sidewalk connection. The neighborhood does not want the connection.~~

3. ~~Staff is evaluating the location of the maintenance building at the NE corner of the sport fields. Providing a vehicle ramp/driveway for access to the future maintenance building would be desired in the area below. Staff to provide information with building design process.~~

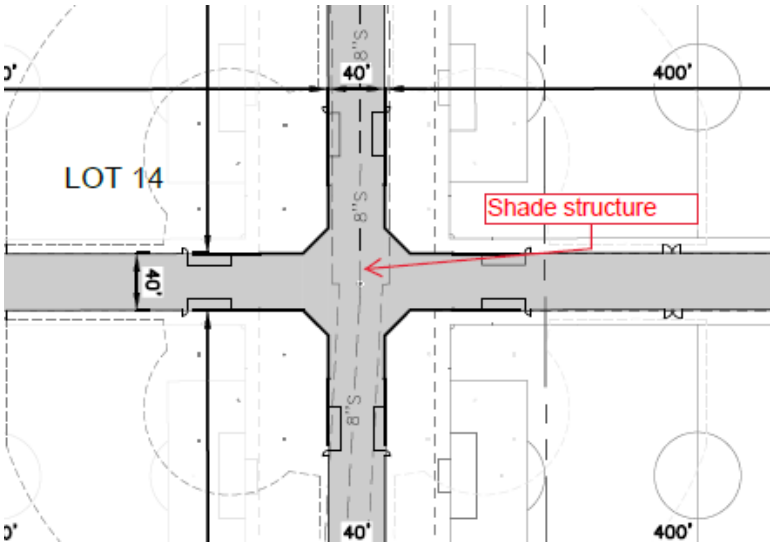


4. ~~Could more parking be added here?~~



5. ~~Remove the building footprints from the site plan since these will be part of a future plan.~~

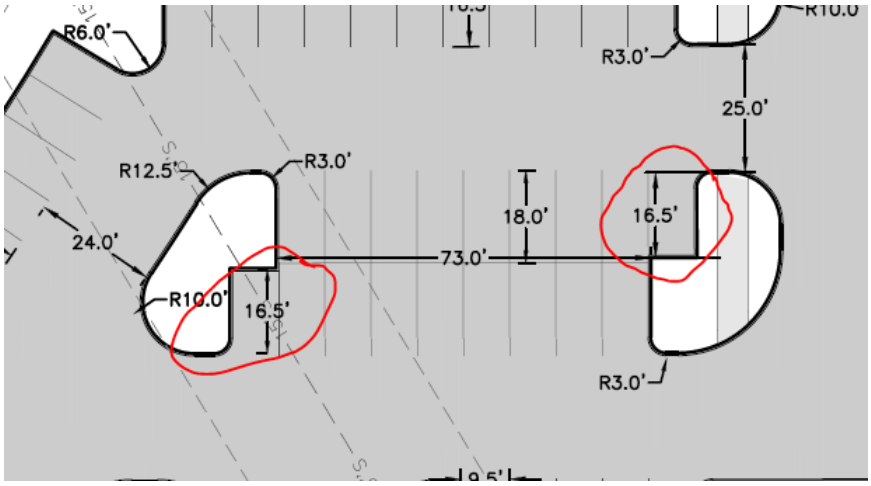
6. ~~If a shade structure is to be added in this area in the future, what sort of considerations need to be made now to accommodate the construction? The structure would need footings. How can that be incorporated into the design? Can the footings be poured before the paths are poured? Staff will investigate if this is something we want to incorporate.~~



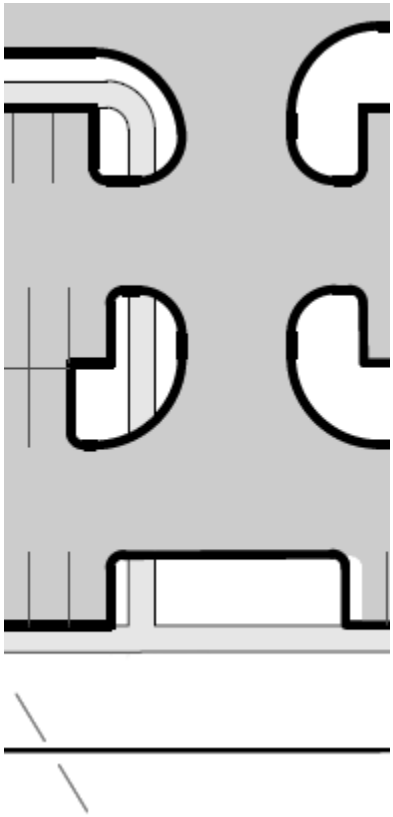
C3.1

1. ~~Where parking stalls that are 16.5' deep abut a sidewalk, please widen the sidewalk to 8'.~~

2. ~~Please adjust the end parking stalls to 18' deep. Adjust this across the site.~~



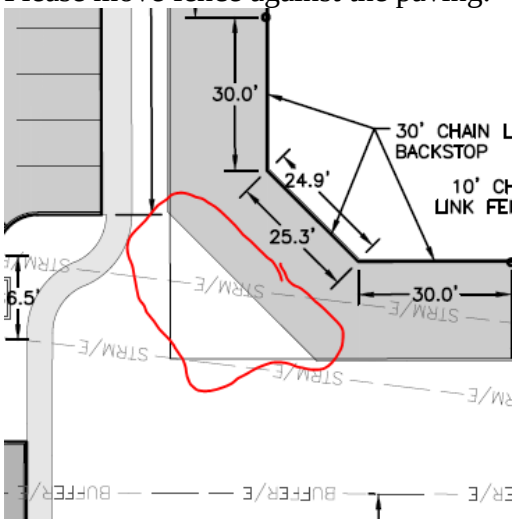
3. ~~Provide ramps.~~



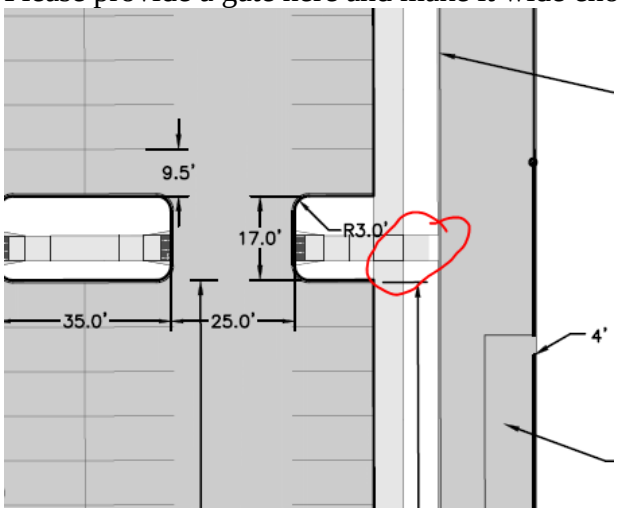
4. ~~Please label flush curb at the two main entrances into the facility.~~

C3.2

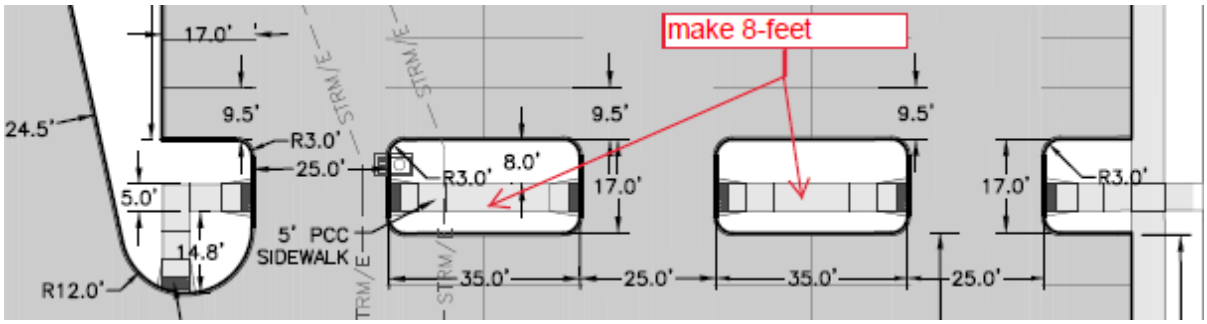
1. ~~Please move fence against the paving.~~



2. ~~Please provide a gate here and make it wide enough for a vehicle.~~



3. ~~Make sidewalk 8' wide.~~

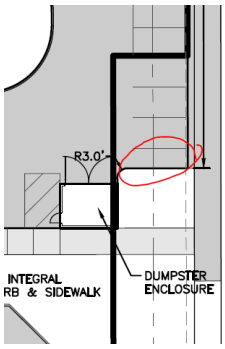


4. ~~Please widen the north access ramp into the sport fields to 10' so vehicles can access the site.~~

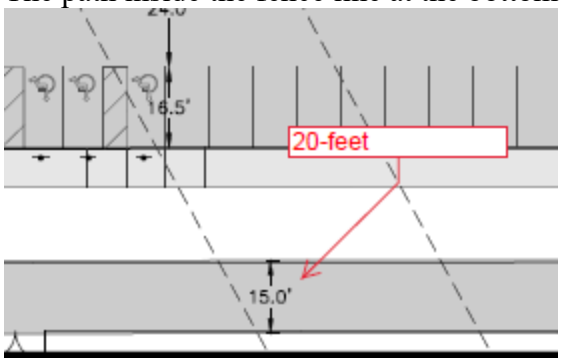
C3.5

1. ~~Where parking stalls that are 16.5' deep abut a sidewalk, please widen the sidewalk to 8'.~~

2. ~~Please move the curb line out to remove the space.~~



3. ~~The path inside the fence line at the bottom of the page needs to be 20' wide.~~



C3.6

1. ~~Provide retaining wall detail. Could a poured concrete wall be provided instead?~~

C4.0 – C4.2:

1. ~~Label floodplain boundary. The boundary isn't showing on 4.1 and 4.2.~~

C4.7 & 4.8:

1. ~~Revise cross slopes to no more than 2%.~~
2. ~~Provide slope and cross slope details for ADA parking.~~

C4.9 & C4.15

1. ~~Show proposed gravel construction entrance(s)~~
2. ~~Show proposed staging area~~
3. ~~Include usage of drainage arrows shown in legend~~

4. Include inlet protection for all intakes, including the ones in t the future parking area.

5. Volume control measures are recommended within overland flow areas.

6. Are future lots 15-56 part of this site plan? If not, maybe we should exclude the sediment control measures drawn on C4.10 within the drainage swales.

7. Provide a quantities table for sediment controls, total area of disturbance, temporary stabilization, construction entrance, concrete washout, and inlet protection.

8. Provide curb controls along future NE Heritage Drive.

9. Provide your topsoil stockpile location.

10. Are perimeter controls (including curb line controls) counted within the item quantities?

11. Show bio-retention called out within SWPPP

12. Please make sure that the stabilization quantities on sheet C4.9 match the quantities called out on sheet C1.0 line items 9.11 through 9.20. There appears to be some differences in the quantities.

C5.0-5.6

1. Water utilities are not shown on the plans (Sheets C5.0-C5.6). There are callouts for the water but do not show the lines, hydrants, etc.

C5.1

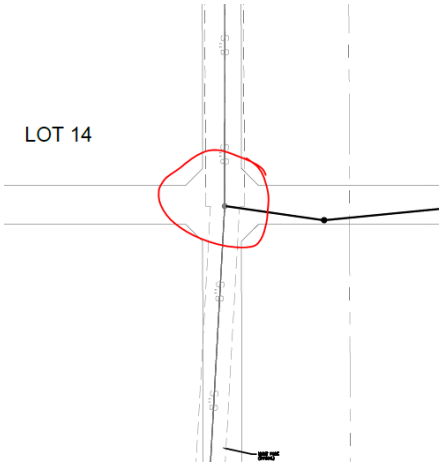
1. Verify utility labels are in correct locations. Several labels are not over the respective infrastructure.

2. There is a call out for a hydrant that would be located over 300 feet from the buildings.

3. Please extend the storm sewer south of the fence line for future building roof drains to connect. The building is now outside of the fence line. Please shift fence to enclose the green space.

4. Please provide water service stubs to future building locations.

5. ~~Provide water service to the center path intersection for future water bottle filling station.~~



6. ~~Should the sanitary and water services be extended outside of the pavement to make future construction easier/avoid tearing up concrete?~~

C5.2

1. ~~Connect turf drainage to storm sewer.~~

C5.5

1. ~~There is a call out for a hydrant in the middle of a parking stall.~~

2. ~~What is the Null Structure from ST-24 over towards the south pond?~~

C5.6

1. ~~Connect turf drainage to storm sewer.~~

2. ~~Should the sanitary and water services be extended outside of the pavement to make future construction easier/avoid tearing up concrete?~~

C5.2 & C5.6

1. ~~Where do the storm lines within the field run to? Are they slope drains that will need volume controls at the banks of the ponds?~~

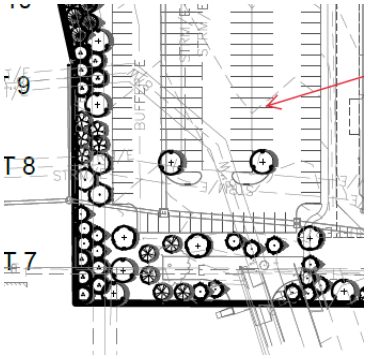
C6.0:

1. ~~For the landscape buffers, please separate the trees types more evenly throughout the buffer rather than grouping each type. Separating the trees types will provide more~~

~~consistent screening for each resident. Spreading the evergreen trees more evenly across the north landscape buffer would help to provide a more consistent buffer screen for the single-family lots. As currently shown, some of the lots have more full coverage screening than others. For example, Lot 13 has a high concentration of evergreen trees while Lot 8 doesn't have any. Please provide a few different varieties of evergreen trees within the buffer.~~

2. ~~Please change the trees along the east property line of 900 and 901 NE 11th St to varying types of evergreens and add some additional evergreen trees to the berm. The neighborhood desires to have year-round screening. Please provide evergreen trees along 901 NE 11th Street and provide a few different evergreen tree species along both 900 and 901 NE 11th St. Please add some additional evergreens to the berm on the east side of the turn around.~~

3. ~~Remove a row of stalls (6 stalls) to allow for more green space next to the turn around.~~



4. ~~Please move the north buffer trees outside of the storm sewer easement.~~

C6.1

1. ~~Shift trees in the parking islands away from the utilities if possible or move to another island. Please shift tree away from storm on Sheet 6.5.~~

2. ~~Please provide an overstory tree in each parking island, except where utility conflicts exist.~~

C6.2

1. ~~Please switch the evergreen trees next to the sidewalk f from the sidewalk from NE 11th St into the parking lot to overstory and understory trees to avoid conflicts with evergreen trees growing over the sidewalk.~~

~~2. Shift trees outside of the watermain easement.~~

C6.3

~~1. Shift tree away from sanitary sewer.~~

C6.4

~~1. Shift trees away from utilities and trail.~~

C6.5

~~1. Fix shrub labels/locations. Appear to be randomly placed. Screen the transformer.~~

C7.1

~~1. Please remove the dumpster, directional sign, and roof drain connection details.~~

C7.6

~~1. Specify that the backstops are to be black vinyl chainlink.~~

C8.0:

~~1. In the driveway detail, revise joint to E joint on both sides of the sidewalk. Was the detail removed? It doesn't appear on the plans.~~

SWPPP:

1. Please fill out SWPPP checklist (attached) Please fill out remaining items once contract has been awarded and more information can be provided.

~~2. Sign Owner Certification Statement~~

~~3. Provide proper legal description of site (1/4,1/4, Section, T and R)~~

4. Provide site supervisor contact information once available

5. Provide SWPPP monitoring contact information once available

~~6. Site Assessment~~

~~a. Not all of hope commercial plat 4 is platted for single family residential~~

~~7. Include an updated city code of ordinances~~

~~8. Page 43: Change Address and phone number for Kendra Daniels to Public Works~~

~~a. 1700 SE Destination Drive~~

~~b. 515-986-9636~~

~~9. Provide new NOI for Grimes Plex as we will need a permit for the new project since there will likely be other contractors Change the facility name within the NOI to "Grimes Plex" from "City of Grimes: Grimes Plex"~~

10. Provide and include a signed affidavit of publication DNR may require new affidavit of publication because a new permit is being pulled.

~~11. Provide and include an updated IDNR letter of authorization with the Grimes Plex permit information. Remove authorization letter for Hope Commercial Plat 4 (page 65) and include only authorization letters for the Grimes Plex~~

12. Remove Notice of general permit coverage for Hope Commercial Plat 4 (Page 69) and include this information only for the Grimes Plex Remove current permit number from NOD within SWPPP file to avoid future confusion. Still need to remove page 69 that authorizes Hope Commercial Plat 4.

13. provide and include an updated NOD with new permit number when permit is pulled for the Grimes Plex

14. include an updated construction schedule once available

15. provide and include a signed copy of the contractors and sub-contractor's certification statement for each contractor and sub-contractor prior to preforming any work on site.

16. Include an up to date site plan once final plans are accepted and signed.

~~17. Plan to use a roll off concrete washout for major pouring operations and other SUDAS approved concrete washouts for any smaller pours. These washouts will need hauled off site and properly disposed of by the concrete contractor. Washing out on bare ground is **not permitted**.~~

18. Update SWPPP inspector's information once known

~~19. Disturbed area should not be greater than total area of site. Please revise one or the other.~~

~~20. Provide city ordinances on Illicit Discharges and Post Construction~~

21. Update permit numbers on the SWPPP certification for residential lot or site plan (page 70) to the permit number for the Grimes Plex once provided. (remove permit numbers for time being to avoid future confusion)

22. Include the erosion and sediment control maps from Site Plan Keep up to date with submittals

Stormwater Management Plan (SWMP)

1. ~~Pipe Capacity Spreadsheets: Update information for pipes: L-2, L-5, L-6, L-8, L-10, L-12, L-13, L-14, L-15, L-33, L-48, L-55, L-62, L-63, L-65.~~

2. ~~Pipe Capacity Spreadsheets: Update information for pipes: L-8, L-10, L-12, L-13, L-14, L-15, L-33, L-48, L-55, L-62, L-63, L-65.~~

~~Site Plan (SP)~~

1. ~~Sheets 5.1 to 5.6: Add critical crossing labels.~~
2. ~~Sheet 5.1: Add a drop at ST-64.~~
3. ~~Sheet 5.1 ST-60: It appears downstream pipe is higher than upstream pipe.~~
4. ~~Sheet 5.1: L-32 information is missing.~~
5. ~~Sheets 5.5: Is L-20A connecting to an outlet pipe?~~
6. ~~Sheet 5.3: North scale is blocking pipe label.~~

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:	July 11, 2022 **(1 PDF of Site plan with Elevation Plan included)**
PLANNING & ZONING:	August 2, 2022 at 5:30
COUNCIL MEETING:	August 23, 2022 at 5:30

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

Sincerely,

Evann Martin

Assistant Planner

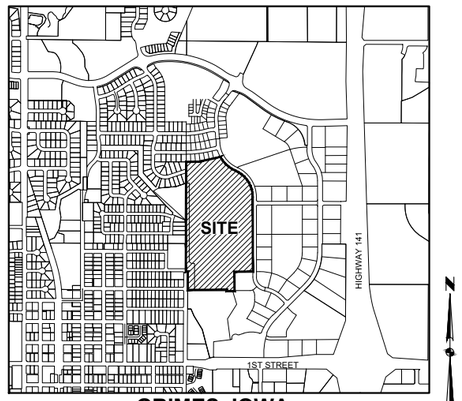
SITE PLAN FOR:

GRIMES PLEX

GRIMES, IOWA

VICINITY MAP

1"=500'



GRIMES, IOWA

OWNER/APPLICANT

CITY OF GRIMES
101 NE HARVEY ST
GRIMES, IA 50111

CIVIL ENGINEER

CIVIL DESIGN ADVANTAGE, LLC
CONTACT: JOSH TRYGSTAD
4121 NW URBANDALE DRIVE
URBANDALE, IOWA 50322
PH. (515) 369-4400
FX. (515) 369-4410

SURVEYOR

CIVIL DESIGN ADVANTAGE, LLC
CONTACT: MIKE BROONER
4121 NW URBANDALE DRIVE
URBANDALE, IOWA 50322
PH. (515) 369-4400
FX. (515) 369-4410

ELECTRICAL ENGINEER

IMEG CORP.
CONTACT: KRISTEN L. SPINA
2882 106TH STREET
DES MOINES, IOWA 50322
PH. (515) 639-3041
MOBILE (515) 681-5077

REV 1

PROPERTY DESCRIPTION

LOT 14, HOPE COMMERCIAL PLAT 4, IN THE CITY OF GRIMES, POLK COUNTY, IOWA.

1000 NE HERITAGE DRIVE, GRIMES, IA 50111

ZONING

LOT 14
R-4 PLANNED UNIT DEVELOPMENT

DEVELOPMENT SUMMARY

LOT AREA:
LOT 14 =45.50 ACRES (1,982,099 SF)

SETBACKS:
FRONT: 0 FEET
SIDE: 10 FEET
REAR: 25 FEET
BUILDING SEPARATION: 20 FEET

PARKING: 10 FEET FROM PUBLIC STREET
5 FEET FROM PROPERTY LINES

BUILDING HEIGHT THE MAXIMUM HEIGHT OF ANY BUILDING SHALL BE FIVE (5) STORIES ABOVE GRADE, EIGHTY (80-FEET) FEET.

OPEN SPACE
LOT 14 = 1,982,099 SF (45.50 ACRES)
PLAY FIELDS = 1,301,628 SF (29.88 ACRES)
TOTAL NET AREA = 680,471 SF (15.62 ACRES) MINUS PLAY FIELDS

OPEN SPACE REQUIRED: = 136,094 SF (20%)
OPEN SPACE PROVIDED: = 158,199 SF (23%)

PARKING SUMMARY

LOT 14
GRIMES PLEX = 750 SPACES MIN. (PER PUD)

TOTAL REQUIRED: = 750 SPACES
TOTAL PROVIDED: = 1155 SPACES

BENCHMARKS

BURY BOLT ON HYDRANT @ SE CORNER OF HWY 44 & SE GATEWAY DRIVE
ELEVATION=940.44

CITY BENCHMARK G6J-012
CAP BOLT ON HYDRANT @ SW CORNER 5TH ST & NORTH LITTLE BEAVER DR.
ELEVATION=926.02

CITY BENCHMARK G6N-004
CAP BOLT ON FIRE HYDRANT AT THE SOUTHWEST CORNER OF NORTH 4TH STREET AND NORTH LITTLE BEAVER DRIVE
ELEVATION=927.36

SUBMITTAL DATES

SIGNED ON: 09/13/2022
REVISION #1: 10/11/2022

CONSTRUCTION SCHEDULE

ANTICIPATED START DATE = FALL 2022
ANTICIPATED FINISH DATE = FALL 2023

INDEX OF SHEETS

NO.	DESCRIPTION
C0.0	COVER SHEET
C1.0–C1.3	QUANTITIES, BID ITEM REFERENCE NOTES, AND GENERAL NOTES
C1.4	DEMOLITION PLAN
C2.0	SHEET LAYOUT
C2.1	STAGING PLAN
C2.2	BID ALTERNATE EXHIBIT
C3.0–C3.6	DIMENSION PLAN
C4.0–C4.10	GRADING PLAN
C4.11–C4.18	EROSION AND SEDIMENT CONTROL PLAN
C5.0–C5.6	UTILITY PLAN
C6.0–C6.7	LANDSCAPE PLAN
C7.0–C7.1	FIELD FENCING PLAN
C8.0–C8.10	DETAILS
E000–E503	ELECTRICAL PLAN

REV 1

FLOOD ZONE CLASSIFICATION

SUBJECT PROPERTY IS LOCATED IN ZONE 'A' AS SHOWN ON THE FLOOD INSURANCE RATE MAPS FOR THE CITY OF GRIMES, POLK COUNTY, IOWA, COMMUNITY PANEL NUMBER 19153C0160F WITH A REVISION DATE OF FEBRUARY 1, 2019.

NOTE:
FLOODPLAIN PERMIT IS REQUIRED.

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com
Know what's below. Call before you dig.

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.

TOPOGRAPHY NOTE

EXISTING TOPOGRAPHIC SURVEY INFORMATION FOR THE SITE WAS TAKEN FROM PREVIOUSLY PREPARED TOPOGRAPHIC SURVEY AND DESIGN INFORMATION FROM CONSTRUCTION PLANS FOR HOPE COMMERCIAL PLAT 1 AND SITE PLAN FOR HOPE COMMERCIAL PLAT 2

GENERAL LEGEND

PROPOSED

PROPERTY BOUNDARY	
PROJECT LIMITS	
GRADING LIMITS	
SECTION LINE	
CENTER LINE	
RIGHT OF WAY	R/W
BUILDING SETBACK	
PERMANENT EASEMENT	P/E
TEMPORARY EASEMENT	T/E
TYPE SW-501 STORM INTAKE	
TYPE SW-502 STORM INTAKE	
TYPE SW-503 STORM INTAKE	
TYPE SW-505 STORM INTAKE	
TYPE SW-506 STORM INTAKE	
TYPE SW-512 STORM INTAKE	ST
TYPE SW-513 STORM INTAKE	ST
TYPE SW-401 STORM MANHOLE	ST
TYPE SW-402 STORM MANHOLE	ST
FLARED END SECTION	
TYPE SW-301 SANITARY MANHOLE	S
STORM/SANITARY CLEANOUT	
WATER VALVE	
FIRE HYDRANT ASSEMBLY	
SIGN	
DETECTABLE WARNING PANEL	
WATER CURB STOP	
SANITARY SEWER	
SANITARY SERVICE	S S S
STORM SEWER	
STORM SERVICE	ST ST
WATERMAIN WITH SIZE	8"W
WATER SERVICE	W W
SAWCUT (FULL DEPTH)	
SILT FENCE	
USE AS CONSTRUCTED	(UAC)
MINIMUM PROTECTION ELEVATION	MPE
TOP OF WALL	TW
FINISH GRADE AT WALL	FGW
FORM GRADE	FG
TOP OF CURB	TC
FINISH GRADE AT HYDRANT	FGH
FIELD LIGHTS (BY OTHERS)	
LIGHT POLES (REFER TO ELEC. PLAN)	

EXISTING

SANITARY MANHOLE	S
WATER VALVE BOX	W
FIRE HYDRANT	
WATER CURB STOP	CS
WELL	WELL
STORM SEWER MANHOLE	ST
STORM SEWER SINGLE INTAKE	
STORM SEWER DOUBLE INTAKE	
FLARED END SECTION	
DECIDUOUS TREE	
CONIFEROUS TREE	
DECIDUOUS SHRUB	
CONIFEROUS SHRUB	
ELECTRIC POWER POLE	
GUY ANCHOR	
STREET LIGHT	
POWER POLE W/ TRANSFORMER	
UTILITY POLE W/ LIGHT	
ELECTRIC BOX	E
ELECTRIC TRANSFORMER	E
ELECTRIC MANHOLE OR VAULT	E
TRAFFIC SIGN	
TELEPHONE JUNCTION BOX	T
TELEPHONE MANHOLE/VAULT	T
TELEPHONE POLE	
GAS VALVE BOX	G
CABLE TV JUNCTION BOX	TV
CABLE TV MANHOLE/VAULT	TV
MAIL BOX	M
BENCHMARK	BM
SOIL BORING	SB
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"ST
WATER MAIN W/ SIZE	8"W

THE CONTRACTOR IS REQUIRED TO COORDINATE ALL WORK WITH OTHER CONSTRUCTION PROJECTS IN THE VICINITY. INCLUDING ADJACENT PROPERTY OWNERS PRIVATE CONTRACTORS AND ADDITIONAL BID PACKAGES ASSOCIATED WITH THE GRIMES PLEX PROJECT.

REV 1

REFER TO TERRACON GEOTECHNICAL ENGINEERING REPORT NO. 08215116-01 FOR GEOTECHNICAL REQUIREMENTS.

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

THE PROJECT REQUIRES AN IOWA NPDES PERMIT #2 AND CITY OF GRIMES GRADING PERMIT. THE CONTRACTOR SHALL APPLY FOR THE IOWA NPDES PERMIT #2. CIVIL DESIGN ADVANTAGE WILL PROVIDE 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.

THE 2022 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.

CIVIL DESIGN ADVANTAGE
4121 NW URBANDALE DRIVE, URBANDALE, IOWA 50322
PH: (515) 369-4400 Fax: (515) 369-4410
PROJECT NO. 2202.086

CERTIFIED PROFESSIONAL ENGINEER
JOSHUA A. TRYGSTAD
19228
IOWA

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED 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.

JOSHUA A. TRYGSTAD, P.E. — DATE 9/13/2022

LICENSE NUMBER 19228
MY LICENSE RENEWAL DATE IS DECEMBER 31, 2022
PAGES OR SHEETS COVERED BY THIS SEAL:
SHEETS C0.0–C8.10

GRIMES PLEX - 2202.086

FILE: N:\2022\2202086\GIMS\SITE PLAN\2202086-COVER NOTES QUANTITIES.DWG
PLOT DATE: 10/7/2022 4:58 PM
PLOTTED BY: ERIC SCHULTE
DISC:
TECH: ERIC SCHULTE
DWG:
ENG:

ESTIMATED PROJECT QUANTITIES

ITEM NO.	SUDAS or IDOT No.	ITEM	UNIT	BASE BID	BID ALTERNATE 1	BID ALTERNATE 2	BID ALTERNATE 3	BID ALTERNATE 4	TOTAL
DIVISION 2		EARTHWORK							
2.01	2010-C	CLEARING AND GRUBBING	LS	1					1
2.02	2010-D-1	TOPSOIL, ONSITE	CY	44700					44700
2.03	2010-E	EXCAVATION, CLASS 10 (ON-SITE)	CY	13400					13400
2.04	SPECIAL	BELOW GRADE EXCAVATION (CORE OUT)	CY	500					500
2.05	2010-G	SUBGRADE PREPARATION, 6 IN. DEPTH	SY	27250					27250
2.06	2010-G	SUBGRADE PREPARATION, 12 IN. DEPTH	SY	46664					46664
2.07	2010-I	SUBGRADE TREATMENT, 12 IN. DEPTH	SY	133900					133900
2.08	2010-M	COMPACTION TESTING	LS	1					1
DIVISION 3		TRENCH AND TRENCHLESS CONSTRUCTION							
3.01	3010-F	TRENCH COMPACTION TESTING	LS	1					1
DIVISION 4		SEWERS AND DRAINS							
4.01	4010-A-1	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 6 IN. DIA.	LF	1603					1603
4.02	4010-I	SANITARY SEWER CLEANOUT	EA	5					5
4.03	4020-A-1	STORM SEWER, TRENCHED, HDPE, 6 IN. DIA.	LF	143					143
4.04	4020-A-1	STORM SEWER, TRENCHED, HDPE, 12 IN. DIA.	LF	244					244
4.05	4020-A-1	STORM SEWER, TRENCHED, HDPE, 18 IN. DIA.	LF	61					61
4.06	4020-A-1	STORM SEWER, TRENCHED, HDPE, 24 IN. DIA.	LF	287					287
4.07	4020-A-1	STORM SEWER, TRENCHED, PERFORATED HDPE, 12 IN. DIA.	LF	1401					1401
4.08	4020-A-1	STORM SEWER, TRENCHED, PERFORATED HDPE, 15 IN. DIA.	LF	3888					3888
4.09	4020-A-1	STORM SEWER, TRENCHED, PERFORATED HDPE, 18 IN. DIA.	LF	357					357
4.10	4020-A-1	STORM SEWER, TRENCHED, PERFORATED HDPE, 24 IN. DIA.	LF	891					891
4.11	4020-A-1	STORM SEWER, TRENCHED, 12 IN. DIA.	LF	163					163
4.12	4020-A-1	STORM SEWER, TRENCHED, 15 IN. DIA.	LF	1070					1070
4.13	4020-A-1	STORM SEWER, TRENCHED, 18 IN. DIA.	LF	601					601
4.14	4020-A-1	STORM SEWER, TRENCHED, 24 IN. DIA.	LF	769					769
4.15	4020-A-1	STORM SEWER, TRENCHED, SLOTTED DRAIN, 12 IN. DIA.	LF	220					220
4.16	4030-B	PIPE APRON, CMP, 24 IN. DIA.	EA	1					1
4.17	4030-D	PIPE APRON GUARD	EA	1					1
4.18	4040-C	SUBDRAIN CLEANOUT, TYPE A-1, 6 IN. DIA.	EA	2					2
DIVISION 5		WATER MAIN AND APPURTENANCES							
5.01	5010-A-1	WATER MAIN, TRENCHED, PVC, 6 IN. DIA.	LF	895					895
5.02	5010-E-1	WATER SERVICE PIPE, TRENCHED, COPPER, 2 IN. DIA.	LF	925					925
5.03	5010-E-3	WATER SERVICE CURB STOP AND BOX, 2 IN. DIA.	EA	5					5
5.04	5020-C	FIRE HYDRANT ASSEMBLY	EA	2					2
5.05	5020-J	FIRE HYDRANT REMOVAL	EA	2					2
DIVISION 6		STRUCTURES FOR SANITARY AND STORM SEWER							
6.01	6010-A	MANHOLE, TYPE SW-301, 48 IN. DIA. (SANITARY SEWER)	EA	7					7
6.02	6010-A	MANHOLE, TYPE SW-401, 48 IN. DIA. (STORM SEWER)	EA	18					18
6.03	6010-A	MANHOLE, TYPE SW-401, 60 IN. DIA. (STORM SEWER)	EA	1					1
6.04	6010-A	MANHOLE, TYPE SW-402, 5 FT. X 5 FT. (STORM SEWER)	EA	1					1
6.05	6010-A	MANHOLE, TYPE SW-403 MODIFIED, 7 FT. X 4 FT. (STORM SEWER)	EA	1					1
6.06	6010-B	INTAKE, TYPE SW-501, SINGLE GRATE INTAKE	EA	8					8
6.07	6010-B	INTAKE, TYPE SW-502, CIRCULAR SINGLE GRATE INTAKE, 48 IN. DIA.	EA	2					2
6.08	6010-B	INTAKE, TYPE SW-502, CIRCULAR SINGLE GRATE INTAKE, 60 IN. DIA.	EA	2					2
6.09	6010-B	INTAKE, TYPE SW-503, SINGLE GRATE INTAKE WITH MANHOLE	EA	2					2
6.10	6010-B	INTAKE, TYPE SW-504, SINGLE GRATE INTAKE WITH FLUSH-TOP MH	EA	1					1
6.11	6010-B	INTAKE, TYPE SW-511, RECTANGULAR AREA INTAKE	EA	7					7
6.12	6010-B	INTAKE, TYPE SW-512, CIRCULAR AREA INTAKE, 24 IN. DIA.	EA	3					3
6.13	6010-B	INTAKE, HDPE INLINE DRAIN, 24 IN. DIA.	EA	4					4
6.14	6010-B	INTAKE, HDPE INTAKE BASIN, 24 IN. DIA.	EA	6					6
6.15	6010-C-2	EXTERNAL DROP CONNECTION	EA	2					2
6.16	6010-E	MANHOLE ADJUSTMENT, MINOR	EA	9					9
6.17	6010-E	INTAKE ADJUSTMENT, MINOR	EA	1					1
6.18	6010-F	MANHOLE ADJUSTMENT, MAJOR	EA	1					1
6.19	6010-F	INTAKE ADJUSTMENT, MAJOR	EA	1					1
6.20	6010-G	CONNECTION TO EXISTING MANHOLE	EA	7					7
6.21	6010-G	CONNECTION TO EXISTING INTAKE	EA	2					2

ESTIMATED PROJECT QUANTITIES

ITEM NO.	SUDAS or IDOT No.	ITEM	UNIT	BASE BID	BID ALTERNATE 1	BID ALTERNATE 2	BID ALTERNATE 3	BID ALTERNATE 4	TOTAL
DIVISION 7		STREETS AND RELATED WORK							
7.01	7010-A	PAVEMENT, PCC, 8 IN.	SY	287					287
7.02	7010-A	PAVEMENT, PCC, 7 IN.	SY	414					414
7.03	7010-A	PAVEMENT, PCC, 6 IN.	SY	43610					43610
7.04	7010-G	CONCRETE MEDIAN	SY	45					45
7.05	7010-I	PCC PAVEMENT SAMPLES AND TESTING	LS	1					1
7.06	7030-B	REMOVAL OF CURB	LF	240					240
7.07	7030-C	SHARED USE PATH, PCC, 5 IN. WITH WELDED WIRE REINFORCEMENT (PLAZA)	SY		26500				26500
7.08	7030-C	SHARED USE PATH, PCC, 6 IN. (TRAIL)	SY	265					265
7.09	7030-E	SIDEWALK, PCC, 4 IN.	SY	500					500
7.10	7030-E	SIDEWALK, PCC, 5 IN. (CLASS A)	SY	2100					2100
7.11	7030-E	SIDEWALK, PCC, 6 IN. (RAMPS)	SY	270					270
7.12	7030-G	DETECTABLE WARNING	SF	325					325
7.13	7040-H	PAVEMENT REMOVAL	SY	40					40
DIVISION 8		TRAFFIC CONTROL AND SIGNALIZATION							
8.01	8020-B	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	268.5					268.5
8.02	8020-G	PAINTED SYMBOLS AND LEGENDS	EA	31					31
8.03	8030-A	TEMPORARY TRAFFIC CONTROL	LS	1					1
8.04	SPECIAL	TEMPORARY PEDESTRIAN TRAFFIC CONTROL	LS	1					1
8.05	SPECIAL	TRAFFIC SIGNAGE	EA	40					40
8.06	SPECIAL	BOLLARDS	EA	145					145
DIVISION 9		SITE WORK AND LANDSCAPING							
9.01	9010-A	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, TYPE 1	AC	1.3					1.3
9.02	9010-A	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, TYPE 3	AC	4.7					4.7
9.03	9010-A	CONVENTIONAL SEEDING, SEEDING, FERTILIZING TYPE 4 (TEMP SEED)	AC	52.7					52.7
9.04	9010-B	HYDRAULIC MULCHING (BFM)	AC	6.0					6.0
9.05	9020-A	SOD	SQ	1082					1082
9.06	SPECIAL	4 IN. METAL EDGE, LANDSCAPE BEDS	LF	1302					1302
9.07	SPECIAL	WOOD MULCH, LANDSCAPE BEDS	SF	11962					11962
9.08	9030-A	PLANTS, EVERGREEN TREES	EA	148					148
9.09	9030-A	PLANTS, ORNAMENTAL TREES	EA	57					57
9.10	9030-A	PLANTS, OVERSTORY TREES	EA	103					103
9.11	9030-A	PLANTS, SHRUBS	EA	92					92
9.12	9040-A-2	SWPPP MANAGEMENT	LS	1					1
9.13	9040-D-1	FILTER SOCKS, 12 IN.	LF	2410					2410
9.14	9040-D-2	FILTER SOCKS, REMOVAL	LF	2410					2410
9.15	9040-J	RIP RAP, CLASS E	TON	15					15
9.16	9040-N-1	SILT FENCE	LF	8415					8415
9.17	9040-N-3	SILT FENCE, REMOVAL OF DEVICE	LF	8415					8415
9.18	9040-O-1	STABILIZED CONSTRUCTION ENTRANCE	SY	800					800
9.19	9040-Q-2	EROSION CONTROL MULCHING, STRAW	AC	52.7					52.7
9.20	9040-T-1	INLET PROTECTION DEVICE, DROP-IN	EA	44					44
9.21	9040-T-2	INLET PROTECTION DEVICE, MAINTENANCE	EA	44					44
9.22	9060-A	CHAIN LINK FENCE, BLACK VINYL, 6 FT. TALL	LF		12920				12920
9.23	9060-A	CHAIN LINK FENCE, BLACK VINYL, 8 FT. TALL	LF		1200				1200
9.24	9060-A	CHAIN LINK FENCE, BLACK VINYL, 10 FT. TALL	LF		1455				1455
9.25	9060-B	GATES, SWINGING, 6 FT. TALL X 12 FT. WIDE	EA		12				12
9.26	9060-B	GATES, SWINGING, 6 FT. TALL X 10 FT. WIDE	EA		2				2
9.27	9060-B	GATES, SWINGING, 8 FT. TALL X 4 FT. WIDE	EA		36				36
9.28	SPECIAL	TIE-BACK TENSION NETTING, 30 FT. TALL	EA		12				12
9.29	SPECIAL	TIE-BACK TENSION NETTING, 40 FT. TALL	EA		6				6
9.30	SPECIAL	BALL CONTROL NETTING, BRAIDED AND KNOTLESS, 14 FT. TALL	LF		3155				3155
9.31	SPECIAL	CONSTRUCTED DUGOUT ROOF, 8 FT. X 30 FT.	EA		24				24
9.32	SPECIAL	CONSTRUCTED DUGOUT ROOF, 8 FT. X 40 FT.	EA		12				12
9.33	9071-A	RETAINING WALL	SF	1525					1525
9.34	SPECIAL	SYNTHETIC TURF	SF			1184016			1184016
DIVISION 11		MISCELLANEOUS							
11.01	11,020-A	MOBILIZATION	LS	1					1
11.02	11,050-A	CONCRETE WASHOUT	EA	2					2
11.03	SPECIAL	BASE BID ELECTRICAL	LS	1					1
11.04	SPECIAL	BID ALTERNATE 1 ELECTRICAL	LS		1				1
11.05	SPECIAL	BID ALTERNATE 3 ELECTRICAL	LS				1		1
11.06	SPECIAL	BID ALTERNATE 4 ELECTRICAL	LS					1	1

1 REV

1 REV

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-COVER NOTES QUANTITIES.DWG
DATE PLOTTED: 10/11/2022 9:34 PM
PLOTTED BY: ROB SCHULTE
COMMENT:
PROJ:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE | POLK COUNTY | PROJECT NUMBER 2202.086 | SHEET TITLE ESTIMATED PROJECT QUANTITIES | SHEET NUMBER C1.0

ESTIMATE REFERENCE INFORMATION

Data listed below is for informational purpose only and shall not constitute a basis for any extra work orders.

ITEM NO.	DESCRIPTION
	THE 2022 EDITION OF SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTAL SPECIFICATIONS SHALL APPLY TO ALL WORK PERFORMED ON THIS PROJECT EXCEPT AS OTHERWISE NOTED. ALL REFERENCES TO SECTIONS AND FIGURES ARE TO THE SUDAS STANDARD SPECIFICATIONS.
2.01	CLEAR AND GRUB ALL AREAS AFFECTED BY GRADING OPERATIONS. THE CONTRACTOR SHALL FIELD VERIFY CLEARING AND GRUBBING NEEDED PRIOR TO BIDDING. INCLUDES REMOVAL OF ANY EXISTING FIELD FENCE. ALL MATERIAL THAT IS REMOVED FROM THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR. DO NOT DISTURB CROPS, TREES, AND JURISDICTIONAL WETLANDS OUTSIDE THE PROJECT/GRADING LIMITS.
2.02	STRIP, SALVAGE AND RESPREAD TOPSOIL. CONTRACTOR SHALL STRIP 6" TO 8" OF TOPSOIL. PLAN QUANTITY ASSUMED 7" TOPSOIL STRIP. CONTRACTOR SHALL MAXIMIZE TOPSOIL RESPREAD DEPTHS IN GRASS LOCATIONS. TOPSOIL TO BE RESPREAD SHALL BE FREE OF ROCK AND DEBRIS AND BE SUITABLE FOR THE GROWTH OF GRASS. COORDINATE LOCATION OF TOPSOIL STOCKPILE PLACEMENT WITH THE CITY. ASSUMED 25% SHRINK FACTOR. TOPSOIL EXPORT SHALL BE INCIDENTAL TO THIS BID ITEM. NO PAYMENT FOR OVERHAUL SHALL BE ALLOWED.
2.03	REFER TO TERRACON GEOTECHNICAL ENGINEERING REPORT NO. 08215116-01 FOR GEOTECHNICAL REQUIREMENTS EXCAVATION INCLUDES ALL WORK NECESSARY TO ACHIEVE PROPER GRADES AS SHOWN IN THE PLANS. NO MEASUREMENT OR PAYMENT FOR ON-SITE BORROW OR BORROW OVERHAUL SHALL BE MADE. CUT (ONSITE BORROW) 13,400 CY FILL + 25% SHRINK 12,800 CY 600 CY (WASTE) REV EARTHWORK ANALYSIS ASSUMPTIONS: ASSUMED EXISTING SURFACE WAS LEFT LOW BY PREVIOUS GRADING CONTRACTOR WHICH IS ULTIMATELY THE TOP OF THE SUBGRADE PREPARATION. **EXISTING SURFACE SHOWN IN THE PLANS IS TOP OF SURFACE FROM PREVIOUS DESIGN** ~~ASSUMPTIONS:~~ **THE CONTRACTOR SHALL VERIFY EXISTING SITE GRADES AND ELEVATIONS.** CONTRACTOR SHALL PROVIDE SUITABLE SOILS FOR ALL FURNISHED MATERIAL. CONTRACTOR SHALL PROVIDE SAMPLING, TESTING AND A PROPOSED BORROW REPORT. NEWLY PLACED FILL ON THE EXISTING SLOPES SHALL BE ADEQUATELY BENCHED AND/OR DISKED IN ORDER TO INTEGRATE THE NEW EMBANKMENT WITH THE EXISTING TERRAIN. MEASUREMENT FOR EXCAVATION OF CLASS 10 MATERIAL SHALL BE PLAN QUANTITY WITHOUT FIELD MEASUREMENT. ADJUSTMENTS TO PLAN QUANTITY SHALL BE MADE ONLY IN THE EVENT OF PLAN REVISIONS. ANY DEWATERING SHALL BE CONSIDERED INCIDENTAL.
2.04	BELOW GRADE EXCAVATION SHALL BE FOR REMOVING AND REPLACING AREAS OF UNSUITABLE SUBGRADE AS IDENTIFIED BY THE GEOTECHNICAL ENGINEER AND THE CITY DURING GRADING OPERATIONS. SUITABLE BACKFILL MATERIAL IS INCIDENTAL AND SHALL MEET THE REQUIREMENTS OF SECTION 2010 2.04A – SELECT SUBGRADE MATERIALS.
2.05–2.06	REFER TO DETAILS ON SHEET C8.0 FOR TYPICAL SECTION DETAILS FOR TYPICAL LOCATIONS AND THICKNESS.
2.07	REFER TO GEOTECHNICAL REPORT FOR RECOMMENDATIONS AND SPECIFICATIONS. INTENDED TREATMENT AREAS SHALL BE WHERE SYNTHETIC TURF INSTALLATION IS REQUIRED (POD #1–POD#6). ASSUMED 5% PORTLAND CEMENT. PLAN QUANTITY ASSUMES 2 FT. OFFSET FROM TURF AREAS.
2.08&3.01	COMPACTION TESTING SHALL MEET THE REQUIREMENTS OF SECTION 2010, PART 3.09, AND SECTION 3010, PART 3.06, INCLUDING ALL GEOTECHNICAL RECOMMENDATIONS FROM THE GEOTECHNICAL REPORT. COMPACTION TESTING SHALL BE PERFORMED ON SUBGRADE PREPARATION. TRENCH COMPACTION TESTING SHALL BE PERFORMED ON ALL STORM SEWER, WATER MAIN, AND SANITARY PIPE. CONTRACTOR SHALL PROVIDE TEST RESULTS TO ENGINEER AND CITY WITHIN 24 HOURS OF RECEIVING THEM.
4.01	REFER TO FIG. 3010.101 ALSO SHOWN ON C8.0 DETAIL 2 – TRENCH BEDDING AND BACKFILL ZONES AND FIG. 3010.103 ALSO SHOWN ON C8.0 DETAIL 5 – FLEXIBLE GRAVITY PIPE TRENCH BEDDING FOR CONSTRUCTION DETAILS. GRANULAR PIPE BEDDING SHALL BE CONSIDERED INCIDENTAL. SANITARY SEWER SHALL BE SOLID WALL PVC OR TRUSS PIPE. TELEVISE SANITARY SEWER PRIOR TO PAVING AND PROVIDE TELEVISING REPORT TO THE CITY IN HARD COPY AND ELECTRONIC FORMAT. TELEVISING SHALL BE CONSIDERED INCIDENTAL. CONNECTION TO EXISTING SANITARY SEWER SHALL BE CONSIDERED INCIDENTAL. DEWATERING AND TRENCH SHORING SHALL BE CONSIDERED INCIDENTAL. MANDREL AND PRESSURE TESTING REQUIRED FOR SEWER. THE CONTRACTOR SHALL HAVE APPROVED FLOODPLAIN PERMIT "IN-HAND" PRIOR TO INSTALLING SERVICE LINE P-4, SEE SHEET C5.4 FOR LOCATION. THE CONTRACTOR SHALL COORDINATE WITH THE CITY ON RECIEVING THE FLOODPLAIN PERMIT.
4.02	REFER TO FIG. 4010.203 ALSO SHOWN ON C8.1 DETAIL 3 – SANITARY SEWER CLEANOUT FOR CONSTRUCTION DETAILS.
4.03–4.10	REFER TO FIG. 3010.101 ALSO SHOWN ON C8.0 DETAIL 2 – TRENCH BEDDING AND BACKFILL ZONES AND FIG. 3010.103 ALSO SHOWN ON C8.0 DETAIL 5 – FLEXIBLE GRAVITY PIPE TRENCH BEDDING FOR BEDDING AND BACKFILL DETAILS. GRANULAR PIPE BEDDING MATERIAL AND GRANULAR BACKFILL FOR PERFORATED PIPE SHALL BE CONSIDERED INCIDENTAL. HDPE SHALL BE DUAL WALL OR EQUAL. PIPE LENGTHS SHOWN IN PLANS INCLUDES APRON. SPORTFIELD DRAINAGE PIPE CONNCETIONS SHALL BE CONSIDERED INCIDENTAL.
4.11–4.14	REFER TO FIG. 3010.101 ALSO SHOWN ON C8.0 DETAIL 2 – TRENCH BEDDING AND BACKFILL ZONES AND FIG. 3010.103 ALSO SHOWN ON C8.0 DETAIL 5 – FLEXIBLE GRAVITY PIPE TRENCH BEDDING FOR BEDDING AND BACKFILL DETAILS. 3010.102 ALSO SHOWN ON C8.0 DETAIL 6 – RIGID GRAVITY PIPE TRENCH BEDDING FOR BEDDING AND BACKFILL DETAILS. GRANULAR PIPE BEDDING MATERIAL AND PLACEMENT SHALL BE CONSIDERED INCIDENTAL. ALL DEWATERING, EXCAVATION AND BACKFILL REQUIRED FOR THE CONSTRUCTION OF THE STORM SEWER SHALL BE CONSIDERED INCIDENTAL. WRAP RCP STORM SEWER PIPE JOINTS IN ENGINEERING FABRIC. PIPE LENGTH SHOWN IN PLANS INCLUDES APRON. THE CONTRACTOR SHALL PROVIDE THE VIDEO INSPECTION RESULTS TO THE ENGINEER WITHIN 24 HOURS OF RECEIPT FROM THE TESTING COMPANY. PAVING OPERATIONS SHALL NOT PROCEED UNTIL THE VIDEO INSPECTION HAS BEEN REVIEWED AND APPROVED BY THE ENGINEER AND ANY NECESSARY REPAIRS HAVE BEEN PERFORMED BY THE CONTRACTOR, HOWEVER, SUBBASE INSTALLATION MAY PROCEED WHILE THE VIDEO INSPECTION IS REVIEWED AND APPROVED.
4.15	GRATES SHALL BE ADA APPROVED (HEEL GUARD OR APPROVED EQUAL). REFER TO MANUFACTURERS SPECIFICATIONS FOR INSTALLATIONS AND CONSTRUCTION DETAILS. CONTRACTOR SHALL COORDINATE INSTALLATION WITH BUILDING CONSTRUCTION. (OUTLET CONNECTIONS SHALL BE CONSIDERED INCIDENTAL.) REV
4.16–4.17	REFER TO SHEET C8.0 DETAIL 4 FOR FOOTING DETAIL & REFER TO FIG. 4030.225 ALSO SHOWN ON C8.0 DETAIL 1 – METAL PIPE APRONS AND APRON GUARDS FOR CONSTRUCTION DETAILS.
4.18	REFER TO FIG. 4040.232 ALSO SHOWN ON C8.1 DETAIL 4 – SUBDRAIN CLEANOUTS FOR CONSTRUCTION DETAILS.
5.01	REFER TO FIG. 3010.101 ALSO SHOWN ON C8.0 DETAIL 2 – TRENCH BEDDING AND BACKFILL ZONES AND FIG. 3010.104 ALSO SHOWN ON C8.0 DETAIL 3 – PRESSURE PIPE TRENCH BEDDING FOR BEDDING AND BACKFILL DETAILS. GRANULAR PIPE BEDDING MATERIAL SHALL BE CONSIDERED INCIDENTAL. REFER TO FIG 5010.101 ALSO SHOWN ON C8.1 DETAIL 1 FOR THRUST BLOCK DETAILS. REFER TO FIG. 5010.102 ALSO SHOWN ON C8.1 DETAIL 2 FOR TRACER WIRE DETAILS. CONNECTIONS TO EXISTING WATER MAIN, ALL FITTINGS, PIPE BEDDING MATERIAL, POLYETHYLENE ENCASEMENT, THRUST BLOCKS, AND TRACER WIRE SYSTEM SHALL BE CONSIDERED INCIDENTAL. CONTRACTOR SHALL INSTALL BENDS AND DEFLECT PIPE JOINTS PER SECTION 5010, PART 3.01, A.6 AS NECESSARY TO INSTALL HYDRANT ASSEMBLIES AT THEIR SPECIFIED LOCATION

ESTIMATE REFERENCE INFORMATION

Data listed below is for informational purpose only and shall not constitute a basis for any extra work orders.

ITEM NO.	DESCRIPTION
5.02	REFER TO SHEETS C5.1 & C5.5 FOR LOCATIONS. CONTRACTOR SHALL VERIFY LOCATIONS WITH ARCHITECTURAL PLANS PRIOR TO INSTALLATION.
5.03	CURB STOPS SHALL COMPLY WITH THE CITY OF GRIMES SUPPLEMENTAL SPECIFICATIONS.
5.04	REFER TO FIG. 5020.201 ALSO SHOWN ON C8.1 DETAIL 5 – FIRE HYDRANT DETAIL FOR FIRE HYDRANT CONSTRUCTION DETAILS. INCLUDES ANCHORING TEE, ANCHORING ELBOW, GATE VALVE, VALVE BOX, ANCHORING PIPE, ANCHORING COUPLING, ELBOWS, TRACER WIRE STATION, AND FIRE HYDRANT.
5.05	REMOVALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
6.01	REFER TO FIG. 6010.301 FOR SW-301 ALSO SHOWN ON C8.2 DETAIL 1 – SANITARY SEWER MANHOLE. REFER TO FIG. 6010.601 ALSO SHOWN ON C8.2 DETAIL 3 – CASTINGS FOR SANITARY SEWER MANHOLES FOR CASTING DETAILS. LIDS THAT ARE LOCATED WITHIN SIDEWALK/ SHARED USE PATHS SHALL BE ADA APPROVED & THREE-PIECE FLOATING CASTINGS, SUCH AS NEENAH R-1673-B SHOWN ON C8.2 DETAIL 2 OR APPROVED EQUAL CASTINGS SHALL BE BOXED OUT PER FIGURE 7010.103, SECTION A-A AS SHOWN ON SHEET C8.4 DETAIL 2. TYPE A CASTINGS WITH TYPE I/I TOP HAT BARRIERS ARE REQUIRED FOR ALL MANHOLES OUTSIDE OF PAVEMENT AND TYPE B CASTINGS ARE REQUIRED FOR ALL MANHOLES WITHIN BOTH PROPOSED PUBLIC AND PRIVATE PAVEMENT. A MAXIMUM OF 12" OF ADJUSTMENT RINGS ARE ALLOWED FOR NEW CONSTRUCTION. MANHOLE CHIMNEY'S TO BE SEALED WITH HEAT SHRINK SLEEVES.
6.02–6.03	REFER TO FIG. 6010.401 ALSO SHOWN ON C8.3 DETAIL 1 – CIRCULAR STORM SEWER MANHOLE FOR CONSTRUCTION DETAILS. REFER TO UTILITY PLAN FOR CASTING TYPES. CASTINGS THAT ARE LOCATED WITHIN SIDEWALK/ SHARED USE PATHS SHALL BE ADA APPROVED & 3-PIECE FLOATING, SUCH AS NEENAH R-1673-B SHOWN ON C8.2 DETAIL 2 OR APPROVED EQUAL. CASTINGS SHALL BE BOXED OUT PER FIGURE 7010.103 SECTION A-A AS SHOWN ON SHEET C8.4 DETAIL 2. CASTINGS SHALL BE CONSIDERED INCIDENTAL.
6.04	REFER TO FIG. 6010.402 ALSO SHOWN ON C8.3 DETAIL 2 – RECTANGULAR STORM SEWER MANHOLE FOR CONSTRUCTION DETAILS. RIM ELEVATION IS INTENDED TO BE BURIED BELOW SYNTHETIC TURF. REFER TO SHEET C5.4 FOR LOCATION.
6.05	REFER TO FIG. 6010.403 ALSO SHOWN ON C8.3 DETAIL 4 – DEEP WELL RECTANGULAR STORM SEWER MANHOLE FOR CONSTRUCTION DETAILS. CASTING SHALL BE TYPE R AND CONSIDERED INCIDENTAL. REFER TO SHEET C5.5 FOR LOCATION
6.06	REFER TO FIG. 6010.501 ALSO SHOWN ON C8.3 DETAIL 3 – SINGLE GRATE INTAKE FOR CONSTRUCTION DETAILS.
6.07–6.08	REFER TO FIG. 6010.502 ALSO SHOWN ON C8.4 DETAIL 6 AND C8.4 DETAIL 4 – CIRCULAR SINGLE GRATE INTAKE FOR CONSTRUCTION DETAILS. REFER TO UTILITY PLANS FOR CASTING TYPES.
6.09	REFER TO FIG. 6010.503 ALSO SHOWN ON C8.3 DETAIL 5 – SINGLE GRATE INTAKE WITH MANHOLE FOR CONSTRUCTION DETAILS.
6.10	REFER TO FIG. 6010.504 ALSO SHOWN ON C8.3 DETAIL 6 – SINGLE GRATE INTAKE WITH FLUSH-TO MANHOLE FOR CONSTRUCTION DETAILS.
6.11	REFER TO FIG. 6010.511 ALSO SHOWN ON C8.4 DETAIL 1 – RECTANGULAR AREA INTAKE FOR CONSTRUCTION DETAILS.
6.12	REFER TO FIG. 6010.512 ALSO SHOWN ON C8.4 DETAIL 3 – CIRCULAR AREA INTAKE FOR CONSTRUCTION DETAILS.
6.13–6.14	REFER TO DETAIL SHOWN ON C8.4 DETAIL 6 AND MANUFACTURER DRAWINGS FOR SPECIFICATIONS AND CONSTRUCTION DETAILS.
6.15	REFER TO FIG. 6010.307 ALSO SHOWN ON C8.4 DETAIL 5 – EXTERNAL DROP CONNECTION FOR SANITARY SEWER MANHOLE. REFER TO SHEETS C5.2 AND C5.4 FOR LOCATIONS. DEWATERING, TRENCH SHORING, AND CONNECTION TO EXISTING STRUCTURES SHALL BE CONSIDERED INCIDENTAL. THE CONTRACTOR SHALL HAVE APPROVED FLOODPLAIN PERMIT AND JOINT APPLICATION "IN-HAND" PRIOR TO INSTALLING SERVICE LINE P-4, SEE SHEET C5.4 FOR LOCATION. CDA WILL PROVIDE THE CONTRACTOR WITH THE PERMITS WHEN APPLICATIONS ARE APPROVED BY THE IOWA DNR & ARMY CORP OF ENGINEERS.
6.16–6.17	CASTINGS AND ADJUSTING RINGS SHALL BE CONSIDERED INCIDENTAL REFER TO 6010.601 ALSO SHOWN ON C8.2 DETAIL 3 – CASTINGS FOR SANITARY SEWER MANHOLES FOR CASTING DETAILS. REFER TO FIG. 6010.602 ALSO SHOWN ON C8.2 DETAIL 4 – CASTINGS FOR STORM SEWER MANHOLES. A MAXIMUM OF 12" OF ADJUSTMENT RINGS ARE ALLOWED FOR NEW CONSTRUCTION. MANHOLE CHIMNEY'S TO BE SEALED WITH HEAT SHRINK SLEEVES. CASTINGS LOCATED WITHIN THE PAVEMENT SHALL BE THREE-PIECE FLOATING CASTINGS. LIDS THAT ARE LOCATED WITHIN SIDEWALK/ SHARED USE PATHS SHALL BE ADA APPROVED, SUCH AS NEENAH R-1673-B AS SHOWN ON SHEET C8.2 DETAIL #2 OR APPROVED EQUAL. REMOVALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
6.18–6.19	MANHOLE CASTINGS LOCATED WITHIN THE PAVEMENT SHALL BE THREE-PIECE FLOATING CASTINGS. LIDS THAT ARE LOCATED WITHIN SIDEWALK/ SHARED USE PATHS SHALL BE ADA APPROVED, SUCH AS NEENAH R-1673-B AS SHOWN ON SHEET C8.2 DETAIL #2 OR APPROVED EQUAL. REMOVALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
6.20–6.21	REFER TO UTILITY PLAN FOR LOCATIONS.
7.01–7.03	CLASS C MIX, CLASS 3 DURABILITY AGGREGATE FOR PCC PAVEMENT. ACCOMMODATIONS FOR COLD WEATHER PAVING SHALL BE CONSIDERED INCIDENTAL. REFER TO FIG. 7010.101 ALSO SHOWN ON C8.5 DETAIL 1 – JOINTS (TRANSVERSE CONTRACTION AND LONGITUDINAL CONTRACTION) FOR JOINT DETAILS. INSTALL HANDICAP CURBS AT LOCATIONS OF ALL FUTURE SIDEWALKS. REFER TO INTERSECTION SHEETS FOR JOINTING. TYPICAL C & CD JOINT SPACING IS 15 FEET. PAVING OPERATIONS SHALL NOT PROCEED UNTIL THE VIDEO INSPECTION OF SEWERS HAS BEEN REVIEWED AND APPROVED BY THE ENGINEER AND ANY NECESSARY REPAIRS HAVE BEEN PERFORMED BY THE CONTRACTOR, MULTIPLE MOBILIZATIONS TO VIDEO SEWER SHALL BE CONSIDERED INCIDENTAL.
7.04	REFER TO SHEET C8.7 DETAIL 2 FOR CONSTRUCTION DETAILS.
7.05	REFER TO SECTION 7010, 3.07 – QUALITY CONTROL FOR MATERIAL AND CONSTRUCTION ITEM ACCEPTANCE SAMPLING AND TESTING REQUIREMENTS. THE CONTRACTOR WILL BE REQUIRED TO PERFORM ALL PCC PAVEMENT TESTING. COORDINATE WITH ENGINEER PRIOR TO TESTING. CONCRETE AIR AND SLUMP TESTING AND CONCRETE STRENGTH TESTING VIA CYLINDER BREAKS ARE INCLUDED IN THIS BID ITEM.
7.06	REFER TO DEMOLITION PLAN FOR LOCATIONS.
7.07	REFER TO DIMENSION PLAN FOR LOCATIONS & C1.3 FOR PAVEMENT LEGEND. WELDED WIRE REINFORCEMENT SHALL BE 6"x6" – W2.9xW2.9 WITH 6" MINIMUM OVERLAP. REFER TO DETAILS 8 AND 9 ON SHEET C8.6. WELDED WIRE REINFORCEMENT SHALL BE CONSIDERED INCIDENTAL. REFER TO DETAIL 9 ON SHEET C8.6. THICKENED EDGE, & REBAR SHALL BE CONSIDERED INCIDENTAL.
7.08	REFER TO SHEET C3.5 FOR LOCATION.
7.09	INTENDED LOCATION SHALL BE SIDEWALK LOCATED WITHIN NE HERITAGE DRIVE RIGHT-OF-WAY CORRIDOR, EXCLUDING SIDEWALK RAMPS AND TURNING SPACES.
7.10	REFER TO DETAILS 2 AND 3 ON SHEET C8.6 FOR CONSTRUCTION DETAILS.

ESTIMATE REFERENCE INFORMATION

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ITEM NO.	DESCRIPTION
7.11	REFER TO FIG. 7030.204 ALSO SHOWN ON C8.6 DETAIL 1 – GENERAL FEATURES OF AN ACCESSIBLE SIDEWALK, FIG. 7030.205 ALSO SHOWN ON C8.6 DETAIL 2 AND 3 – GENERAL SIDEWALK AND CURB RAMP DETAILS AND FIG. 7030.207 ALSO SHOWN ON C8.7 DETAIL 1 – CURB RAMP FOR CLASS B OR C SIDEWALK FOR SIDEWALK CURB RAMP CONSTRUCTION DETAILS. ACCESSIBLE RAMPS SHALL BE 6" THICK P.C.C. AND CROSS SLOPES SHALL NOT EXCEED 2.0%. ALL SIDEWALK RAMPS SHALL BE 6" PCC. MINOR GRADING ADJACENT TO CURB RAMPS AND SIDEWALKS SHALL BE CONSIDERED INCIDENTAL.
7.12	DETECTABLE WARNING PANELS ARE TO BE NATURALLY COLORED. ALL PANELS SHALL BE CAST IRON DOME PANELS. RADIAL PANELS SHALL BE CONSIDERED INCIDENTAL.
7.13	REFER TO DEMOLITION PLAN FOR PAVEMENT REMOVALS. FULL DEPTH SAW CUTTING SHALL BE CONSIDERED INCIDENTAL. ALL PAVEMENT REMOVED FROM THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
8.01	REFER TO IDOT STD. RD. PLAN PM-110 – LINE TYPES FOR CONSTRUCTION DETAILS. PAINTED PAVEMENT MARKINGS SHALL BE SOLVENT/WATERBORNE BASED ON AIR & PAVEMENT TEMPERATURES. REFER TO DIMENSION PLAN FOR MARKINGS AND SYMBOLS. QUANTITY DOES NOT INCLUDE SPORT FIELD PAINT. QUANTITY: PAVEMENT MARKING TYPE / PAY FACTOR / LENGTH, LF / QUANTITY, LF CHY8 – CHANNELIZING LINE / 2 / 965 / 1930 DCY4 – DOUBLE CENTERLINE / 2 / 175 / 350 SLW4 – SOLID LANE LINE / 1 / 24200 / 24200 SLW2 – STOP LINE / 6 / 62 / 372 TOTAL / / / 26852
8.02	PAINTED PAVEMENT SYMBOLS AND LEGENDS SHALL BE SOLVENT/WATERBORNE BASED ON AIR & PAVEMENT TEMPERATURES. PARKING QUANTITY: PAVEMENT SYMBOL TYPE / QUANTITY, EA WCSW – WHEELCHAIR SYMBOL / 28 LTAW – LEFT TURN ARROW / 03 TOTAL / 31
8.03–8.04	ALL TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED FOR CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREET AND HIGHWAYS. ALL TRAFFIC CONTROL DEVICES REQUIRED SHALL BE CONSIDERED INCIDENTAL. WHEN A POD BECOMES OPERATIONAL AFTER SUBSTANTIAL COMPLETION, THE CONTRACTOR SHALL INSTALL TEMPORARY TRAFFIC CONTROL DEVICES & SAFETY FENCE DURING & AFTER CONSTRUCTION ACTIVITIES. MULTIPLE MOBILIZATIONS SHALL BE CONSIDERED INCIDENTAL.
8.05	REFER TO DIMENSION PLAN FOR LOCATIONS. MOUNTING POSTS & FOOTINGS SHALL BE CONSIDERED INCIDENTAL. REV
8.06	REFER TO DETAILS 5 AND 8 ON SHEET C8.7 FOR CONSTRUCTION DETAILS. REFER TO DIMENSION PLAN FOR LOCATIONS. REMOVABLE BOLLARDS SHALL BE CONSIDERED INCIDENTAL. INTENDED LOCATIONS SHALL BE NEAR THE "DROP-OFF" AREAS.
9.01–9.03	REFER TO LANDSCAPE SHEETS FOR LOCATIONS, SEEDING, AND C1.3 FOR PLANTING NOTES. ALL SEEDING TO OCCUR AS SOON AS RESPREAD OF TOPSOIL CAN OCCUR WITHIN ALLOWED SEEDING DATES. MULTIPLE SEEDING MOBILIZATIONS SHALL BE ANTICIPATED. MOBILIZATIONS SHALL BE CONSIDERED INCIDENTAL.
9.04	HYDROMULCH SHALL BE APPLIED AT A RATE OF 3000 LBS/ACRE DRY WEIGHT.
9.05	REFER TO LANDSCAPE SHEETS FOR LOCATIONS, SEEDING, AND C1.3 FOR PLANTING NOTES. WATERING SHALL BE INCIDENTAL. CONTRACTOR SHALL COORDINATE WITH THE CITY ON WATERING CONNECTION AND METERING.
9.06	STANDARD COMMERCIAL-STEEL EDGING (1/8" THICK BY 4" DEEP). MANUFACTURER'S STANDARD PAINT FINISH (BLACK). FABRICATED IN SECTIONS OF STANDARD LENGTHS, WITH LOOPS STAMPED FROM OR WELDED TO FACE OF SECTIONS TO RECEIVE STAKES. STEEL EDGING SHALL BE LOCATED WHERE INDICATED ON THE DRAWINGS AND ANCHORED WITH STAKES APPROXIMATELY 30" APART, DRIVEN BELOW ELEVATION OF EDGING. CONTRACTOR TO PROVIDE SUBMITTAL FOR REVIEW AND APPROVAL.
9.07	CONTRACTOR SHALL INSTALL SHREDDED HARDWOOD MULCH AROUND ALL TREES, SHRUBS AND IN ALL PLANTING BEDS TO A (MIN) DEPTH OF 3".
9.08–9.11	REFER TO LANDSCAPE SHEETS FOR LOCATIONS, AND SHEET C1.3 FOR PLANTING NOTES.
9.12	ALL WORK REQUIRED TO COMPLY WITH THE ADMINISTRATIVE PROVISIONS OF THE GENERAL PERMIT NO. 2; INCLUDING RECORD KEEPING, DOCUMENTATION, UPDATING THE SWPPP, FILING THE NOTICE OF DISCONTINUATION, ETC. ITEM ALSO INCLUDES WEEKLY INSPECTIONS REQUIRED TO SATISFY THE PROVISIONS OF GENERAL PERMIT NO. 2. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS. CONTRACTOR WILL BE PROVIDED A COPY OF THE SWPPP BOOKLET PREPARED BY ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR THE NPDES GENERAL PERMIT NO. 2.
9.13	REFER TO FIG. 9040.102 ALSO SHOWN ON C8.8 DETAIL 3 – FILTER BERM AND FILTER SOCK FOR CONSTRUCTION DETAILS.
9.14	THE REMOVAL OF ACCUMULATED SEDIMENT SHALL BE CONSIDERED INCIDENTAL. ALL MATERIALS REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR.
9.15	REFER TO FIG. 9040.110 ALSO SHOWN ON C8.7 DETAIL 3 – RIP RAP FOR PIPE OUTLET ONTO FLAT GROUND AND FIG. 9040.111 ALSO SHOWN ON C8.7 DETAIL 7 – RIP RAP APRON FOR PIPE OUTLET INTO CHANNEL FOR CONSTRUCTION DETAILS. THICKNESS (T) EQUALS 18 INCHES. INSTALL ENGINEERING FABRIC UNDER ALL RIP RAP. ENGINEERING FABRIC SHALL BE CONSIDERED INCIDENTAL. INCLUDES MATERIAL REQUIRED FOR THE INSTALLATION OF CHECK DAMS.
9.16	REFER TO FIG. 9040.119 ALSO SHOWN ON C8.8 DETAIL 5 – SILT FENCE OR SILT FENCE INSTALLATION DETAILS. MOBILIZATION FOR THE INSTALLATION SHALL BE CONSIDERED INCIDENTAL.
9.17	REMOVE INSTALLED SILT FENCE PRIOR TO FINAL SEEDING. ALL SILT FENCE SHALL BE CLEANED OUT AND MAINTAINED AS SPECIFIED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND SHALL BE INCLUDED WITHIN THIS BID ITEM. MOBILIZATION AND MATERIAL REMOVED SHALL BE CONSIDERED INCIDENTAL AND MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
9.18	REFER TO FIG. 9040.120 ALSO SHOWN ON C8.8 DETAIL 2 STABILIZED CONSTRUCTION ENTRANCE FOR CONSTRUCTION DETAILS. REFER TO EROSION AND SEDIMENT CONTROL PLAN SHEET C4.10 FOR LOCATION.

NO.	REVISIONS	DATE	BY

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COMMENT: D1SC

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE | POLK COUNTY | PROJECT NUMBER 2202.086 | SHEET TITLE ESTIMATE REFERENCE INFORMATION | SHEET NUMBER C1.1

ESTIMATE REFERENCE INFORMATION

Data listed below is for informational purpose only and shall not constitute a basis for any extra work orders.

ITEM NO.	DESCRIPTION
	THE 2022 EDITION OF SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTAL SPECIFICATIONS SHALL APPLY TO ALL WORK PERFORMED ON THIS PROJECT EXCEPT AS OTHERWISE NOTED. ALL REFERENCES TO SECTIONS AND FIGURES ARE TO THE SUDAS STANDARD SPECIFICATIONS.
9.19	EROSION CONTROL MULCH, STRAW SHALL BE APPLIED TO ALL DISTURBED AREAS IN THE EVENT THAT THE SITE WHERE NO WORK IS BEING COMPLETED AND THE AREA WILL NOT BE SEEDED FOR 14 DAYS. MULTIPLES SITE MOBILIZATIONS SHALL BE CONSIDERED INCIDENTAL.
9.20–9.21	REFER TO DETAIL 4 ON SHEET C8.8 FLEXSTORM INLET PROTECTION REQUIRED FOR ALL INTAKES UNTIL VEGETATION IS ESTABLISHED. MAINTENANCE AND REMOVAL OF ACCUMULATED SILT SHALL BE CONSIDERED INCIDENTAL. ITEM QUANTITY INCLUDES ADDITIONAL OFFSITE, DOWNSTREAM INTAKES.
9.22–9.30	REFER TO DIMENSION PLAN & FIELD FENCING PLAN C7.0–C7.1 FOR TYPICAL LOCATIONS. CHAINLINK SHALL BE A MINIMUM OF NO. 9 GAUGE. ALL WIRE, POST, RAILS, AND BRACES SHALL BE BLACK VINYL COATED. REFER TO SHEET C8.8 FOR FENCING AND GATE DETAILS. POST & FOOTINGS ARE INCIDENTAL. GENERAL DETAILS ARE SHOWN ON C8.9 DETAILS 1–3. INSTALL PER MANUFACTURERS SPECIFICATIONS
9.28–9.30	MANUFACTURER SHALL SUBMIT SIGNED ENGINEERED DRAWINGS FOR TIE–BACK & BALL CONTROL NETTING SYSTEMS. CONNECTION TO CHAINLINK FENCING & DUGOUT SHALL BE CONSIDERED INCIDENTAL. ALL POLES SHALL BE BLACK IN COLOR. WALL PAD BACKSTOP SHALL BE CONSIDERED INCIDENTAL, REFER TO DETAILS ON SHEET C8.9. BALL CONTROL INTEGRATION WITH CHAINLIK FENCE SHALL BE CONSIDERED INCIDENTAL, REFER TO DETAIL ON SHEET C8.9.
9.31–9.32	REFER TO DETAILS ON SHEET C8.10 FOR CONSTRUCTION DETAILS. REFER TO DIMENSION PLAN FOR TYPICAL LOCATIONS.
9.33	THE CONTRACTOR SHALL SUBMIT ENGINEERED STRUCTURAL DRAWINGS DESIGNED AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF IOWA. EXCAVATION, FOUNDATION PREPARATION, FURNISHING AND PLACING WALL UNITS, REINFORCED CONCRETE, FOOTINGS, GEOGRID (IF NECESSARY), LEVELING PAD, SUBDRAIN, POROUS BACKFILL MATERIAL FOR SUBDRAIN, ENGINEERING FABRIC FOR SUBDRAIN, SUITABLE BACKFILL MATERIAL, SHORING AS NECESSARY, AND OTHER MATERIAL INCLUDED WITHIN THE STRUCTURAL DRAWINGS SHALL BE CONSIDERED INCIDENTAL TO THIS BID ITEM. GEOGRID AND FENCE/TIE–BACK NETTING FOOTINGS SHALL BE COORDINATED AND CONSTRUCTED TOGETHER. ANY FOOTING SLEEVES (SLEEVE–IT OR APPROVED EQUAL) OR POLE SUPPORTING SHALL BE CONSIDERED INCIDENTAL. FINAL DESIGN QUANTITY (SF) SHALL BE CALCULATED FROM THE APPROVED DRAWINGS. PLAN QUANTITY ON SHEET C.01 IS THE SQUARE FOOTAGE FROM TOP OF WALL (TW) TO FINISHED GRADE AT BASE OF WALL (FGW). REFER TO DETAIL SHEET C8.7 DETAIL 6 FOR SPOT ELEVATION REFERENCE DETAIL. REFER TO SHEET C4.6 FOR LOCATION. RETAINING WALL AND ALL DESIGN ELEMENTS SHALL STAY OUTSIDE THE FLOODPLAIN. REFER TO SHEET C4.7 FOR DETAILED ELEVATIONS AND CALLOUTS.
9.34	REFER TO DIMENSION PLAN FOR TYPICAL LOCATIONS. REFER TO CONTRACT DOCUMENTS–TECHNICAL SPECIFICATIONS FOR PRODUCT SPECIFICATIONS. TURF, INFILL MATERIAL, AGGREGATE LAYERS (DRAINAGE BASE LAYERS) , SUBDRAIN SYSTEM, BASE PLATE AND PCC ANCHORS, NAILER CONNECTION TO SHARED USE PATH, AND PAINT SHALL BE CONSIDERED INCIDENTAL. TURF COLOR OPTIONS SHALL BE APPROVED BY THE OWNER. 52oz ROOTZONE 3D3 BLEND OR APPROVED EQUAL.
11.01	REFER TO SECTION 11,020– MOBILIZATION FOR PAYMENT SCHEDULE.
11.02	CONCRETE WASHOUTS SHALL BE CONCRETE WASHOUT SYSTEMS, INC. ROLL–OFFS OR APPROVED EQUAL. BID INCLUDES DELIVERY, CLEANOUT, AND REMOVAL OF WASHOUTS. ALL MATERIALS REMOVED SHALL BECOME PROPERTY OF CONTRACTOR. WASHING OUT ON BARE GROUND IS NOT PERMITTED.
11.03	BASE BID ELECTRICAL ITEMS FOR PARKING LOT LIGHTING SHALL INCLUDE BUT ARE NOT LIMITED TO; THE INSTALLATION OF A TWO (2) NEW ELECTRICAL SERVICES INTO THE SITE, POWER DISTRIBUTION EQUIPMENT, PARKING LOT LIGHTING, POWER/COMMUNICATIONS ROUGH–INS FOR PARKING LOT GATE & REVENUE CONTROL EQUIPMENT, ETC. REFER TO E–SHEETS FOR LOCATIONS AND NOTES. REFER TO ELECTRICAL SPECIFICATIONS FOR PRODUCT REQUIREMENTS.
11.04	BID ALTERNATE 1 ELECTRICAL SHALL INCLUDE BUT ARE NOT LIMITED TO; THE INSTALLATION OF CONVENIENCE OUTLETS IN DUGOUTS, POWER AND COMMUNICATION ROUGH–INS AND HANDHOLES LOCATED AT BACKSTOPS, HAND HOLES AT ATHLETIC LIGHT POLES, CONDUIT ROUGH–INS FOR ATHLETIC LIGHTING, STRUCTURAL BASES/FOUNDATIONS FOR ATHLETIC LIGHT POLES, ETC. REFER TO E–SHEETS FOR LOCATIONS AND NOTES. REFER TO ELECTRICAL SPECIFICATIONS FOR PRODUCT REQUIREMENTS. CONTRACTOR SHALL SUBMIT ENGINEERED STRUCTURAL & ELECTRICAL DRAWINGS FOR ATHLETIC LIGHTING AND FOOTINGS/FOUNDATIONS.
11.05	BID ALTERNATE 3 ELECTRICAL, GATE ARMS, & CONTROL EQUIPMENT ITEMS SHALL INCLUDE BUT ARE NOT LIMITED TO; FULL PARKING LOT GATE INSTALLATION, INCLUDING ALL PARKING LOT GATE EQUIPMENT FOR A FULLY FUNCTIONING SYSTEM. REFER TO TECHNICAL & ELECTRICAL SPECIFICATIONS, INSTALL PER MANUFACTURERS RECOMMENDATIONS. REFER TO SHEET C3.1 FOR TYPICAL LOCATIONS AND E–SHEETS FOR ASSOCIATED ELECTRICAL SERVICES & NOTES.
11.06	BID ALTERNATE 4 ELECTRICAL SHALL INCLUDE BUT ARE NOT LIMITED TO; CONDUCTORS FOR POWER TO LIGHTS, 408V/3PH PANEL BOARD FOR LIGHTING, GFI RECEPTACLES AND POWER FOR RECEPTACLES AT ATHLETIC POLE LOCATIONS, ALL POLES, LIGHT FIXTURES, AND CONTROLS FOR ATHLETIC LIGHTING. REFER TO ELECTRICAL SPECIFICATIONS FOR PRODUCT SPECIFICATIONS. INSTALL PER MANUFACTURERS RECOMMENDATIONS. REFER TO E–SHEETS FOR LOCATIONS & NOTES. CONTRACTOR SHALL SUBMIT ENGINEERED STRUCTURAL & ELECTRICAL DRAWINGS FOR ATHLETIC LIGHTING.

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COMMENT:
DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE

POLK COUNTY | PROJECT NUMBER 2202.086 | SHEET TITLE ESTIMATE REFERENCE INFORMATION | SHEET NUMBER C1.2

GENERAL NOTES

1. THE 2020 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 OF GRIMES 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 SHALL BE REQUIRED TO PLACE TEMPORARY WARNING DEVICES AND SAFETY FENCE AT CERTAIN LOCATIONS WHERE REPLACEMENT FEATURES ARE NOT INSTALLED THE SAME DAY, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF WORK BETWEEN SUPPLIERS AND SUBCONTRACTORS INVOLVED IN THE PROJECT, INCLUDING STAGING OF CONSTRUCTION DETAILS.
16. CONCRETE REMOVAL FOR DRIVEWAY APPROACHES SHALL BE REMOVED TO THE NEAREST TRANSVERSE JOINT. CONTRACTOR SHALL VERIFY REMOVAL LIMITS WITH CITY OF GRIMES CONSTRUCTION INSPECTOR PRIOR TO ANY CONCRETE REMOVAL.
17. ALL PERMITS AND ADDITIONAL FEES REQUIRED TO COMPLETE THE WORK SHALL BE INCLUDED IN THE CONTRACTOR BID.
18. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL NOTIFY (48 HRS NOTICE) THE FOLLOWING:
    A. CITY OF GRIMES
    B. APPROPRIATE UTILITY COMPANIES
    C. OWNER
    D. CIVIL DESIGN ADVANTAGE
21. PARKING LOT STRIPING SHALL BE A 4" WHITE STRIPE UNLESS OTHERWISE NOTED (MINIMUM TWO COATS).
22. ALL EXTERIOR LIGHTING SHALL BE LOW-GLARE FULL CUTOFF TYPE FIXTURES AND SHALL NOT EXCEED ZERO FOOT-CANDLES BEYOND THE PROPERTY LINE. THE CONTRACTOR SHALL COORDINATE FINAL LIGHTING AND ELECTRICAL DESIGN WITH THE OWNER.
23. ANY SITE CHANGES THAT DIFFER FROM THE SITE PLAN MUST BE APPROVED BY THE CITY OF GRIMES PRIOR TO INSTALLATION/AMENDEMENT.
24. 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 TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND 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 CONTRACTORS RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATIONS AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.
    THE CONTRACTOR IS REQUIRED TO UTILIZE THE UTILITY ONE-CALL SERVICE AT 800-292-8989 AT LEAST 48 HOURS PRIOR TO EXCAVATING ANYWHERE ON THE PROJECT.
25. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF WORK BETWEEN ALL SUPPLIERS AND SUBCONTRACTORS INVOLVED IN THE PROJECT. INCLUDING STAGING OF CONSTRUCTION DETAILS.
26. THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.
27. THE CONTRACTOR MAY BE REQUIRED AS DIRECTED BY THE ENGINEER OR THE CITY, TO PLACE TEMPORARY WARNING DEVICES AND SAFETY FENCE AT CERTAIN LOCATIONS WHERE REPLACEMENT FEATURES ARE NOT INSTALLED THE SAME DAY.
28. SPECIAL CARE SHALL BE TAKEN WHEN FORMING AT INTERSECTIONS SO THE PROFILES SHOWN ON THE PLANS AND THE ELEVATIONS SHOWN ON THE INTERSECTION DETAILS ARE OBTAINED. SHORT LENGTHS OF FORMS OR FLEXIBLE FORMS MAY BE NECESSARY AT THESE LOCATIONS.
29. TO OBTAIN THE CORRECT FORM GRADES AT LOW POINTS WHERE INTAKES ARE LOCATED, THE CONTRACTOR MUST EXERCISE ADDITIONAL CARE WHEN PAVING FULL WIDTH PAVEMENTS. THIS MAY REQUIRE POURING ONE HALF OF THE PAVEMENT AT A TIME OR OTHER METHODS APPROVED BY THE ENGINEER.
30. THE CONTRACTOR SHALL CONFINE HIS GRADING OPERATIONS TO WITHIN THE PROPOSED AND EXISTING RIGHT OF WAY, CONSTRUCTION LIMITS AND EASEMENTS SHOWN ON THE PLANS.
31. PLAN AND PROFILE SHEETS INCLUDED IN THE PROJECT ARE FOR THE PURPOSE OF ALIGNMENT, LOCATION AND SPECIFIC DIRECTIONS FOR WORK TO BE PERFORMED UNDER THIS CONTRACT. IRRELEVANT DATA ON THESE SHEETS IS NOT TO BE CONSIDERED A PART OF THIS CONTRACT.
32. THE CONTRACTOR IS REQUIRED TO BE FAMILIAR WITH AND COMPLY WITH OSHA STANDARDS. NOTHING WITHIN THESE PLANS SHALL RELIEVE THE CONTRACTOR OF THIS REQUIREMENT.
33. CIVIL DESIGN ADVANTAGE WILL PROVIDE ALL CONSTRUCTION STAKING ON THIS PROJECT. NOTIFY MIKE BROONER (369-4400) A MINIMUM OF 48 HOURS BEFORE CONSTRUCTION STAKES ARE REQUIRED.
34. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES REQUIRED IN THE STORM WATER POLLUTION PREVENTION PLAN.
35. IN THE EVENT OF A DISCREPANCY BETWEEN DETAILED PLANS AND QUANTITIES, THE DETAILED PLANS SHALL GOVERN.
36. THE CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL.
37. ALL SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING.
38. ALL FIELD TILES ENCOUNTERED SHALL BE REPAIRED AND CONNECTED TO STORM SEWERS WHERE POSSIBLE. LOCATIONS SHALL BE PROVIDED TO ENGINEER FOR NOTATION ON AS-BUILTS.
39. CONTRACTOR SHALL COMPLY WITH ALL A.D.A. REQUIREMENTS FOR ACCESSIBLE SIDEWALK RAMPS INCLUDING RAISED TRUNCATED DOME DETECTABLE WARNINGS.
40. ALL MATERIAL TESTING SHALL BE CONSIDERED INCIDENTAL TO OTHER CONSTRUCTION.

GRADING NOTES

1. PRIOR TO ANY GRADING, A COPY OF THE NPDES PERMIT SHALL BE PROVIDED TO THE CITY OF GRIMES' BUILDING DIVISION.
2. 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.
3. 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.
4. EXCAVATION SHALL BE IN ACCORDANCE WITH THE 2020 EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY OF GRIMES SUPPLEMENTALS, IF APPLICABLE,
5. MATCH EXISTING GRADES AT PROPERTY LINES AND/OR CONSTRUCTION LIMITS.
6. ALL SPOT ELEVATIONS ARE FORM GRADE (FG) OR TOP OF FINISHED SURFACES UNLESS OTHERWISE NOTED.
7. SITE SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS.
8. SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING.
9. 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.
10. THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE CONTROL TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.
11. REFER TO SEPARATE STORM WATER POLLUTION PREVENTION PLAN FOR DETAILS ON EROSION CONTROL.
12. 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.
13. 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 T/3, TRANSVERSE T/4.
14. EXISTING TOPO FOR THIS AREA WAS TAKEN FROM PROPOSED CONTOURS FOR THE HOPE COMMERCIAL PLAT 1 & HOPE COMMERCIAL PLAT 2. TIE-IN POINTS MAY VARY BASED ON CONSTRUCTED ELEVATIONS.

UTILITY NOTES

1. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING PLANS FOR UTILITY SERVICE SIZES AND EXACT LOCATIONS. REFER TO ELECTRICAL PLANS FOR ELECTRIC AND TELEPHONE SERVICE CONSTRUCTION DETAILS. REFER TO MECHANICAL PLANS FOR GAS SERVICE CONSTRUCTION DETAILS.
2. FIELD VERIFY ELEVATIONS AND LOCATIONS OF ALL CONNECTIONS TO EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
3. PROVIDE TEMPORARY SUPPORT FOR EXISTING UTILITY LINES THAT ARE ENCOUNTERED DURING CONSTRUCTION UNTIL BACKFILLING IS COMPLETE.
4. BACKFILL ALL UTILITY TRENCHES ACCORDING TO THE 2020 EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY OF GRIMES SUPPLEMENTALS. MAINTAIN A MINIMUM OF 5.5' COVER OVER ALL WATERMAINS.
5. ALL UTILITIES SHALL BE STUBBED TO 5 FEET FROM BUILDINGS. REFER TO MEP PLANS FOR DESIGN FROM 5' OUTSIDE OF BUILDING FACE.
6. ADJUST ALL MANHOLES AND INTAKES TO FINISHED GRADES.
7. ALL SANITARY SEWER AND WATER SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY'S PLUMBING CODE.
8. 18" MINIMUM VERTICAL CLEARANCE BETWEEN STORM SEWER AND SANITARY SEWER PIPES. 18" MINIMUM VERTICAL CLEARANCE BETWEEN SANITARY SEWER AND WATER MAIN.
9. MAINTAIN A MINIMUM OF 10' HORIZONTAL SEPARATION BETWEEN SANITARY SEWER LINES AND WATER MAINS.
10. 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 TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND 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 CONTRACTORS RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATIONS AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK. THE CONTRACTOR IS REQUIRED TO UTILIZE THE UTILITY ONE-CALL SERVICE AT 800-292-8989 AT LEAST 48 HOURS PRIOR TO EXCAVATING ANYWHERE ON THE PROJECT.
11. ALL WATERMAIN WORK, PUBLIC OR PRIVATE SHALL BE DONE IN ACCORDANCE WITH THE 2020 EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTALS.
12. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF WORK OF ALL SUBCONTRACTOR(S) INVOLVED IN THE PROJECT.
13. OWNER IS RESPONSIBLE FOR MAINTENANCE OF PRIVATE RETENTION FACILITIES AND PRIVATE UTILITIES. PERIODIC MAINTENANCE AND CLEANING OF STORM AND SANITARY SEWER MAY BE NECESSARY.
14. CONTRACTOR SHALL PREVENT ENTRY OF MUD, DIRT, DEBRIS AND OTHER MATERIAL INTO NEW AND EXISTING SEWER SYSTEMS. SHOULD ANY CONTAMINATION OCCUR DURING CONSTRUCTION, THE CONTRACTOR SHALL CLEAN AT NO COST TO THE OWNER. INSTALL SILT FENCE AT ALL PERMANENT STORM SEWER INLETS.
15. ALL MANHOLE CASTINGS IN 5" P.C.C. PAVEMENT SHALL BE BOXED OUT PER FIGURE 7010.103.

LANDSCAPE NOTES

1. LOCATE ALL UTILITIES BEFORE ANY PLANTING BEGINS.
2. TYPE, SIZE, AND QUALITY OF PLANT MATERIAL SHALL CONFORM TO THE MOST CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1
3. ALL PLANT MATERIAL SHALL BE HEALTHY SPECIMENS WITHOUT DEFORMITIES, VOIDS AND OPEN SPACES, WITH WELL DEVELOPED BRANCH AND ROOT SYSTEMS; TRUE TO HEIGHT, SHAPE AND CHARACTER OF GROWTH OF THE SPECIES OR VARIETY.
4. SEED OR SOD ALL DISTURBED AREAS AS DIRECTED BY OWNER. SEED SHALL BE SUPER TURF II LS FROM UNITED SEEDS.
5. BACKFILL TO TOP OF CURB. (MINUS 1 1/2" FOR SOD, IF REQ.)
6. WEED PREVENTER (PRE-EMERGENT) SHALL BE SPREAD OVER SOIL AFTER PLANTING AND BEFORE MULCHING IN ALL PLANTING BEDS PER MANUFACTURER'S RECOMMENDATIONS.
7. SHREDDED HARDWOOD MULCH SHALL BE PLACED AROUND ALL TREES, SHRUBS AND IN ALL PLANTING BEDS TO A MINIMUM DEPTH OF 3". ALL GROUPS OF MORE THAN ONE SHRUB SHALL BE MULCHED IN A CONTINUOUS BED, SEPARATED FROM TURF BY A 3" SPADE-CUT EDGE. MULCH AROUND ALL CONIFEROUS TREES SHALL BE A 10' DIAMETER CIRCLE. ALL EDGING SHALL BE METAL EDGE.
8. PLANT QUANTITIES ARE SHOWN FOR INFORMATION ONLY, THE DRAWING SHALL PREVAIL IF ANY CONFLICTS ARISE.
9. ALL DEBRIS SPILLED IN THE PUBLIC R.O.W. SHALL BE PICKED UP BY THE CONTRACTOR AT THE END OF EACH WORK DAY.
10. CONTRACTOR SHALL WARRANTY ALL PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF INSTALLATION.

LANDSCAPE REQUIREMENTS

AREAS:

LOT 14	=	1,982,099 SF (45.50 ACRES)
PLAY FIELDS	=	1,301,628 SF (29.88 ACRES)
TOTAL NET AREA	=	680,471 SF (15.62 ACRES) MINUS PLAY FIELDS

OPEN SPACE:

OPEN SPACE REQUIRED:	=	136,094 SF (20%)
OPEN SPACE PROVIDED:	=	158,199 SF (23%)
PAVEMENT (262,548 SF)		
SIDEWALK (259,725 SF)		

OPEN SPACE LANDSCAPE REQUIREMENT:
1 TREES PER 1,000 SF OF REQUIRED OPEN SPACE

REQUIRED: 136 TREES

STREET FRONTAGE (2,114 LF):
1 TREE REQUIRED FOR EVERY 50 FEET OF LOT FRONTAGE

REQUIRED: 43 TREES
PROVIDED: 43 TREES

30' BUFFER (1,370 LF):
1 OVERSTORY, 2 UNDERSTORY & 2 EVERGREENS PER 50 LF.

REQUIRED: 28 OVERSTORY TREES
56 UNDERSTORY TREES
56 EVERGREEN TREES

PROVIDED: 103 OVERSTORY TREES
57 UNDERSTORY TREES
142 EVERGREEN TREES

TOTAL REQUIRED	133 TREES
TOTAL PROVIDED	302 TREES

NOTE:
REQUIRED STREET TREES AND BUFFER TREES COUNT TOWARDS REQUIRED OPEN SPACE TREES

PLANT SCHEDULE

EVERGREEN TREES	QTY	COMMON NAME	BOTANICAL NAME	CONDITION AND SIZE
PD	22	Douglas Fir	Pseudotsuga menziesii	B&B, 6' HEIGHT
PG	66	Colorado Blue Spruce	Picea pungens 'Glauca'	B&B, 6' HEIGHT
PS	60	White Pine	Pinus strobus	B&B, 6' HEIGHT
ORNAMENTAL TREES	**QTY**	**COMMON NAME**	**BOTANICAL NAME**	**CONDITION AND SIZE**
AG	35	Autumn Brilliance Apple Serviceberry	Amelanchier x grandiflora 'Autumn Brilliance'	B&B, 1.5" CALIPER
MS	7	Spring Snow Crab Apple	Malus x 'Spring Snow'	B&B, 1.5" CALIPER
PN	15	Newport Flowering Plum	Prunus cerasifera 'Newport'	B&B, 1.5" CALIPER
OVERSTORY TREES	**QTY**	**COMMON NAME**	**BOTANICAL NAME**	**CONDITION AND SIZE**
AS	13	Sienna Glen Maple	Acer x freemanii 'Sienna'	B&B, 2" CALIPER
BR	3	River Birch	Betula nigra	B&B, 2" CALIPER
CM	1	Crimson King Maple	Acer platanoides 'Crimson King'	B&B, 2" CALIPER
QB	10	Swamp White Oak	Quercus bicolor	B&B, 2" CALIPER
QR	39	Red Oak	Quercus rubra	B&B, 2" CALIPER
RM	4	Autumn Spire Red Maple	Acer rubrum 'Autumn Spire'	B&B, 2" CALIPER
TC	33	Littleleaf Linden	Tilia cordata	B&B, 2" CALIPER
SHRUBS	**QTY**	**COMMON NAME**	**BOTANICAL NAME**	**CONDITION AND SIZE**
CH	10	Ivory Halo Dogwood	Cornus alba 'Bailhalo' TM	24" HEIGHT
EC	15	Compact Burning Bush	Euonymus alatus 'Compactus'	24" HT.
JF	41	Sea Green Juniper	Juniperus chinensis 'Sea Green'	24" HT.
JS	26	Spartan Juniper	Juniperus chinensis 'Spartan'	36" HT.

LANDSCAPE LEGEND

SHREDDED HARDWOOD MULCH
SOD
TYPE 1 SEED
TYPE 3 SEED

CITY OF GRIMES STANDARD NOTES FOR PUBLIC IMPROVEMENTS

1. GENERAL NOTES:

A. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT VERSION OF THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS FOR PUBLIC IMPROVEMENTS ON THE DATE OF APPROVAL AND THE CITY OF GRIMES SUPPLEMENTAL SPECIFICATIONS.
B. PROVIDE GEOTECHNICAL EXPLORATION AND REPORT FOR ALL PROPOSED STREET, SANITARY AND STORM SEWER AND WATER MAIN PROJECTS IN ACCORDANCE WITH THE SUDAS DESIGN MANUAL; SUBMIT WRITTEN REPORT AND TEST RESULTS TO CITY FOR REVIEW.
C. A PRECONSTRUCTION MEETING IS REQUIRED PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THIS MEETING. CONTACT CITY OF GRIMES ENGINEERING DEPT. (515.986.4050).
D. ALL PERMITS (IDNR, SWPP, IDOT, ARMY CORP., ETC.) SHALL BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.
E. THE DEVELOPER AND/OR CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE CITY OF GRIMES WITH RECORD DRAWINGS OF ALL IMPROVEMENTS AS PER CITY STANDARD PROCEDURES.
F. TYPICAL BUILDING LAYOUT TO REFLECT THE CITY'S SERVICE ORDER FROM LEFT TO RIGHT FACING THE LOT, SANITARY, WATER, SUMP. MARK ENDS OF SERVICES WITH STEEL FENCE POST AND PAINT GREEN FOR SANITARY, BLUE FOR WATER, AND WHITE OR STORM.
G. ALL SERVICES LOCATIONS ARE TO BE STAMPED INTO THE CURB WITH LETTER IRONS AS PER CITY STANDARD PROCEDURES.
H. PROVIDE A 4-YEAR MAINTENANCE BOND FOR ALL PUBLIC IMPROVEMENTS.

2. SANITARY SEWER NOTES:

A. 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.
B. SANITARY GRAVITY PIPE MATERIAL SHALL BE PVC SDR 26 OR TRUSS (8"TO 15').
C. SANITARY GRAVITY SERVICE PIPE MATERIAL SHALL BE PVC SDR 23.5 (4"TO 6').
D. ALL SANITARY SEWER MANHOLES SHALL HAVE STEPS.
E. ALL SANITARY SEWER MANHOLES CASTINGS SHALL BE SEALED WITH HEAT SHRINK SLEEVES.
F. ALL MANHOLES SHALL BE EXTERIOR COATED WITH BITUMINOUS WATERPROOFING.
G. ALL SANITARY SEWER MANHOLE CASTINGS LOCATED WITHIN PAVEMENT SHALL BE TYPE B: PCC W/ADJUSTING MECHANISM.
H. SANITARY SEWER CLEANING & TELEVISING SHALL BE COMPLETED PRIOR TO PAVING. THE SEWER SYSTEM SHALL BE FLUSHED WITH WATER PRIOR TO TELEVISING.

3. WATER MAIN NOTES:

A. 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'.
B. 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.
C. A TRACER WIRE RECEPTACLE SHALL BE INSTALLED AT EACH HYDRANT, AA MANUFACTURING TRACER WIRE RECEPTACLE MODEL TW-18-2.
D. ALL VALVES SHALL BE RESILIENT WEDGE GATE VALVES.
E. WATER SERVICE SHALL BE 1-INCH MINIMUM TYPE K COPPER. CURB STOP TO BE LOCATED AT ROW LINE.
F. PROPOSED WATER MAIN SHALL BE PRESSURE TESTED AND CHLORINATED BY THE DEVELOPER. THE FLUSHING 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 DEVELOPER AND RESULTS PROVIDED TO THE CITY OF GRIMES ENGINEERING DEPT. AND 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.
G. ALL WATERMAIN FITTINGS TO BE RESTRAINED JOINT, MEGA-LUG OR APPROVED EQUAL.

4. 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. STORM SEWER CLEANING & TELEVISING SHALL BE COMPLETED PRIOR TO PAVING. THE SEWER SYSTEM SHALL BE FLUSHED WITH WATER PRIOR TO TELEVISING.
E. USE O RING GASKETS ON STORM SEWERS CROSSING OVER WATERMAIN PER IDNR REQUIREMENT.

5. SIGNAGE NOTES:

A. ALL SIGNAGE SHALL BE SUPPLIED AND INSTALLED BY THE CITY OF GRIMES. THE CITY WILL BILL THE DEVELOPER FOR THE COSTS ASSOCIATED WITH THE SIGNAGE.
B. THE HEIGHT OF SIGNS SHALL BE 7-FEET FROM THE BASE OF THE SIGN TO THE GROUND.
C. ALL SIGNS SHALL BE NOT LESS THAN 1.5' FROM EDGE OF SIGN TO BACK OF CURB.
D. STOP SIGNS SHALL BE AS PER MUTCD R1-1 TYPE, 30"X30".
E. NO PARKING SIGNS SHALL BE AS PER MUTCD R8-3 TYPE, 12"X12". IF POSSIBLE, PLEASE MOUNT THE NO PARKING SIGNS TO LIGHT POLES (1ST/ PREFERENCE).
F. ALL SPEED LIMIT SIGNS SHALL BE AS PER MUTCD R2-1 (25 MPH), 24"X30".
G. ALL STREET NAME SIGNS SHALL BE WHITE ON BLACK ON A 6"BLANK WITH 4"LETTERS (LOCALS) OR 8"BLANK WITH 6"LETTERS (COLLECTORS/ARTERIALS) AND SHALL BE DIRECTLY FASTENED TO SQUARE TUBE POSTS. EACH SIGN POST SHALL HAVE FOUR (4) STREET SIGNS THAT SHALL BE CONNECTED TO POST BY RIVETING THE SIGNS BACK TO BACK ON OPPOSITE SIDES OF THE SQUARE TUBE POST. THE BACK TO BACK ENDS OF STREET NAME SIGNS SHALL BE CONNECTED WITH CIRCULAR STABILIZERS.
H. ALL SIGN POSTS SHALL BE TELESPAR 2"X2"SQUARE TUBE POWDER COATED BLACK GALVANIZED STEEL (14-GAUGE MIN.) WITH 7/16"KNOCK-OUT STYLE PERFORATIONS THAT ARE PRE-PUNCHED.
I. ROAD CLOSED SIGNS SHALL BE AS PER IDOT ROAD STANDARD SI-182.
J. ALL SIGNS SHALL BE HIGH INTENSITY PRISMATIC.

SIGN LEGEND

01 ACCESSIBLE PARKING SIGN (R7-8)
02 VAN ACCESSIBLE PARKING SIGN (R7-8A)
03 STOP SIGN (R1-1)

PAVEMENT LEGEND

4" P.C.C.
5" P.C.C.
5" P.C.C. (SHARED USE PATH PLAZA)
6" P.C.C.
7" P.C.C.
8" P.C.C.

PAVEMENT NOTES

1. ALL PAVEMENT WORK, PUBLIC OR PRIVATE SHALL BE DONE IN ACCORDANCE WITH SUDAS STANDARDS SPECIFICATIONS.
2. SIDEWALKS, DRIVEWAYS, DRIVE LANES WITHIN PARKING AND PARKING SPACES SHALL BE CLASS C PORTLAND CEMENT CONCRETE (P.C.C.) COARSE AGGREGATE FOR P.C.C. CONSTRUCTION SHALL BE CLASS 3 DURABILITY.
3. 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.
4. PAVEMENT THICKNESS:

SIDEWALKS	4" P.C.C.
SHARED USE PATH	5" P.C.C.
TRAIL	6" P.C.C.
SIDEWALK RAMPS	6" P.C.C.
STANDARD DUTY PAVING	6" P.C.C.
MEDIUM DUTY PAVING	7" P.C.C.
HEAVY DUTY PAVING/TRASH ENCLOSURE	8" P.C.C.

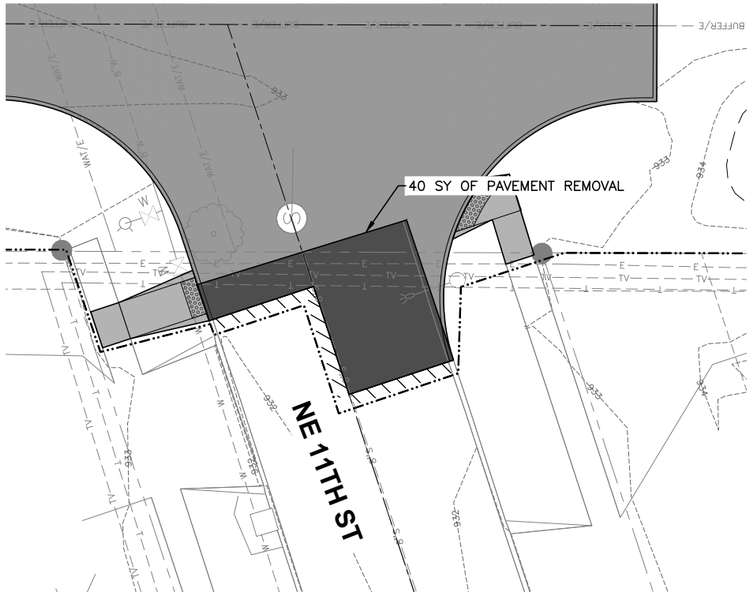
FEMA FLOOD INSURANCE RATE MAP

REFERENCE OF EFFECTIVE FIRM

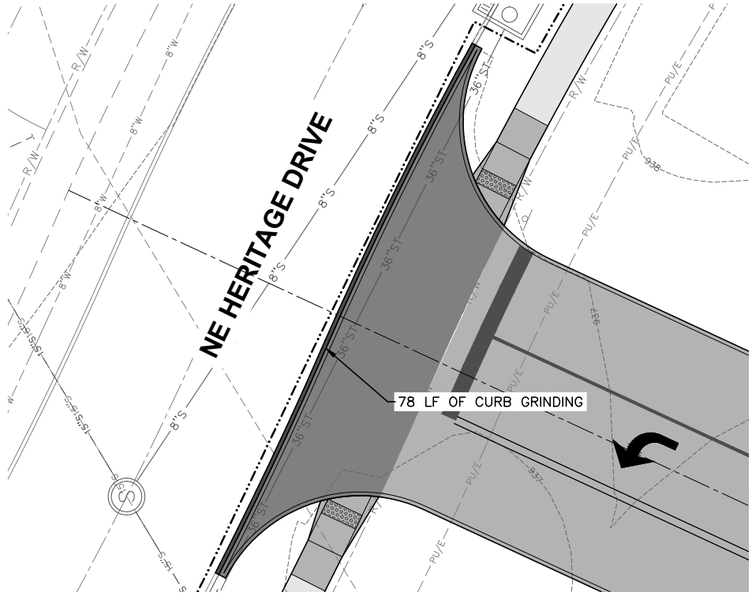
POLK COUNTY, PANEL 160 OF 555
MAP NUMBER= 19153C0160F
EFFECTIVE DATE FEBRUARY DATE= FEBRUARY 1, 2019

TRAFFIC CONTROL NOTES:

1. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. PERMANENT SIGNING THAT CONVEYS A MESSAGE CONTRARY TO THE MESSAGE OF TEMPORARY SIGNING AND NOT APPLICABLE TO THE WORKING CONDITIONS SHALL BE COVERED BY THE CONTRACTOR WHEN DIRECTED BY THE CITY.
3. THE CONTRACTOR SHALL COORDINATE HIS TRAFFIC CONTROL WITH OTHER CONSTRUCTION PROJECTS IN THE AREA.
4. SIDEWALK CLOSED SIGNS REQUIRED FOR ALL SIDEWALK C



LOCATION 'A'



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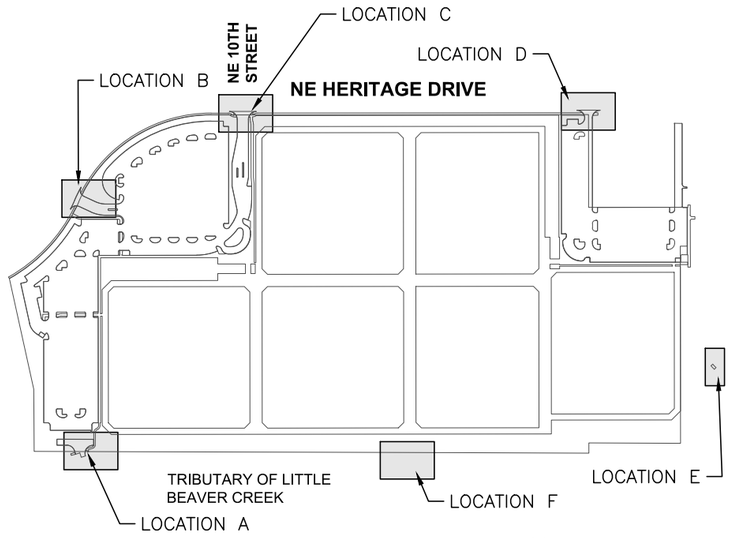
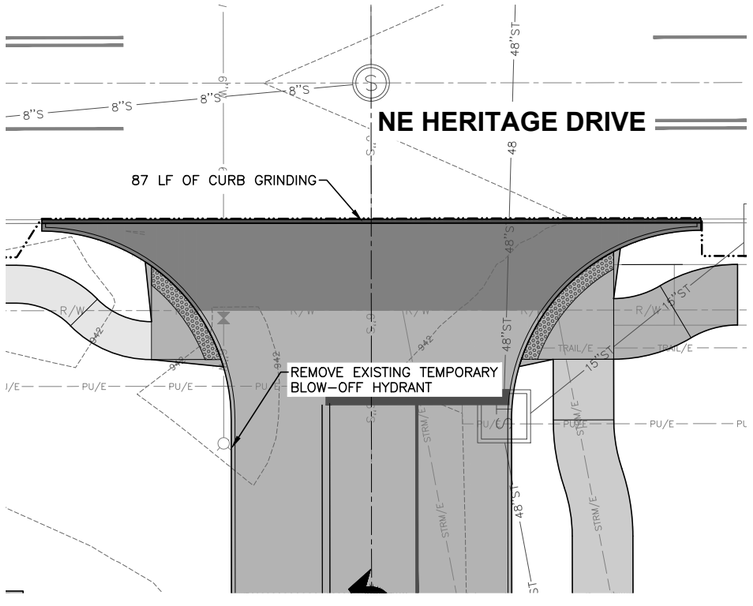


SHEET LEGEND

NOT TO SCALE



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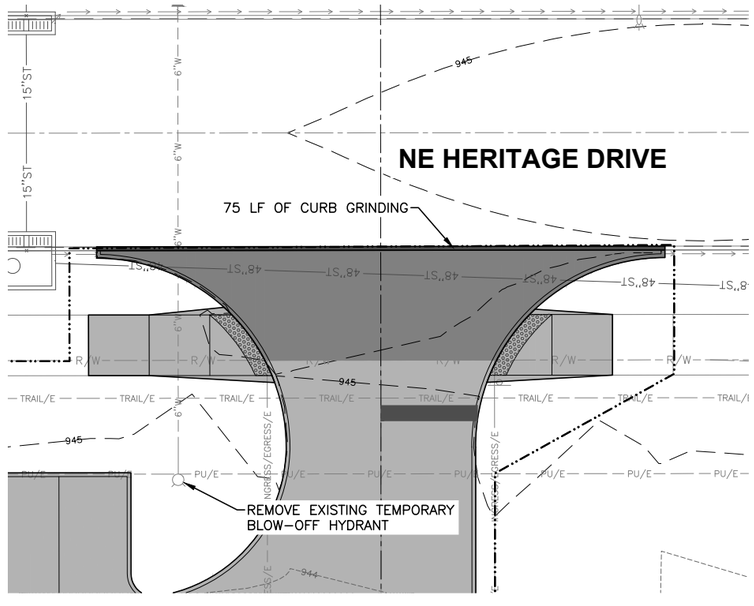

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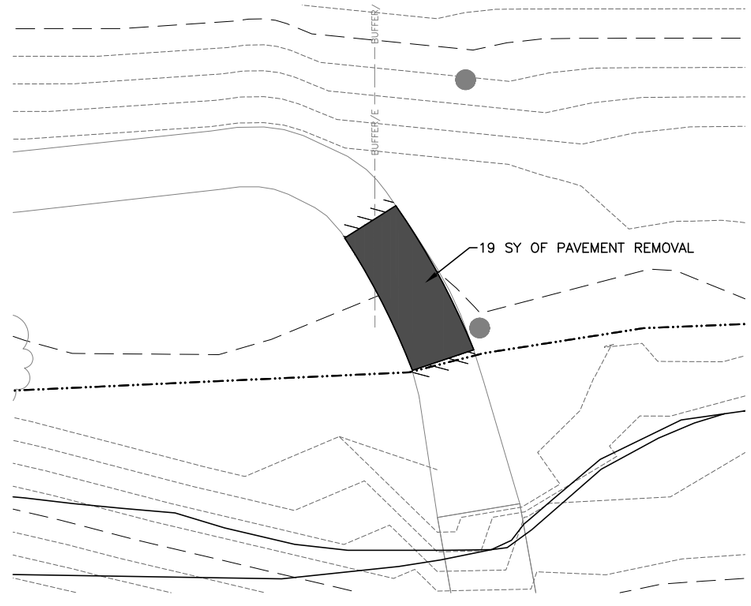

LOCATION 'F'

NO.	REVISIONS	DATE	BY

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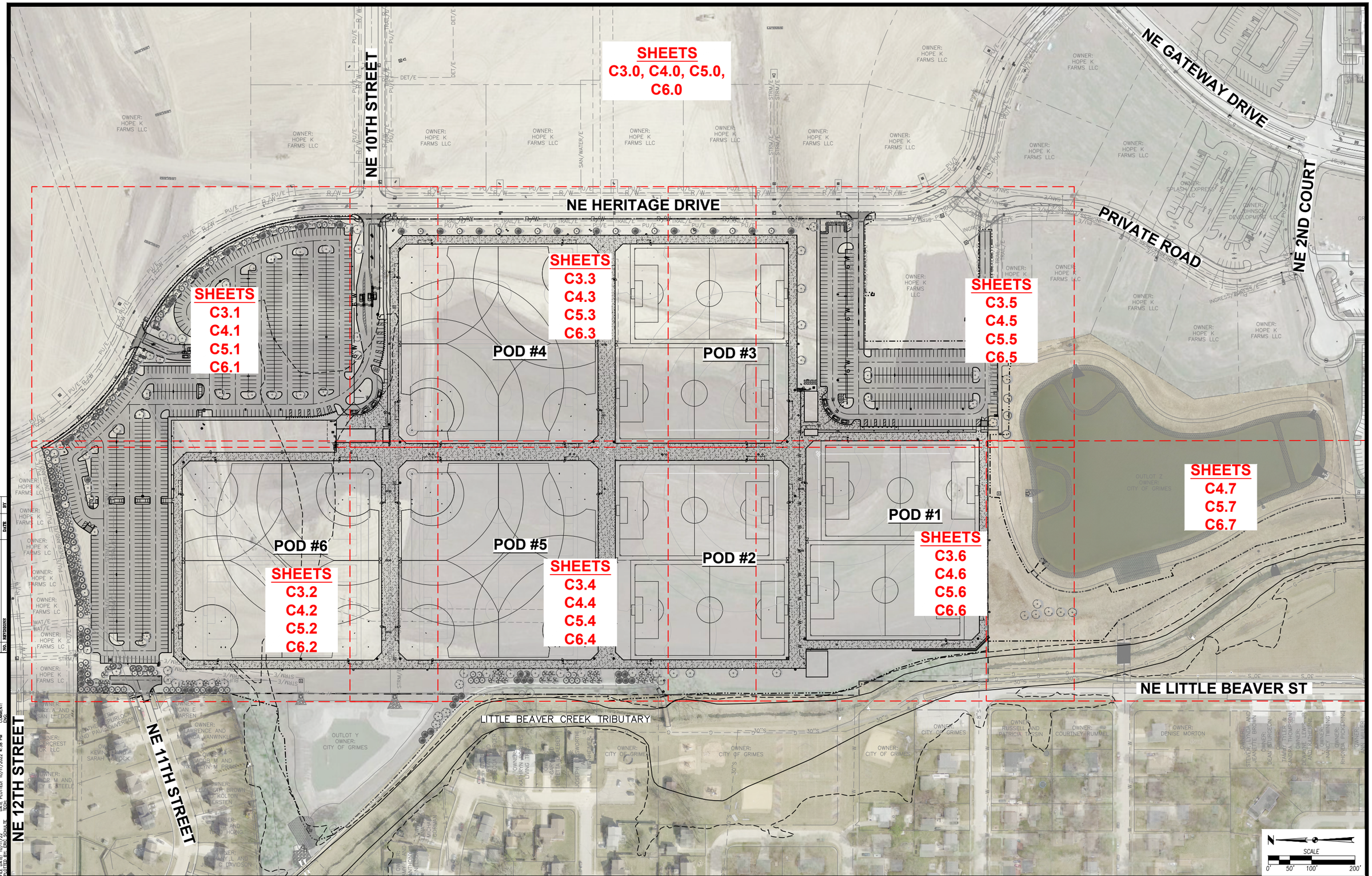
PLT DATE: 9/13/22
PLOTTED BY: JOHN SCHULTE

DATE PLOTTED: 10/11/2022 4:37 PM
COMMENT: DSG

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE | POLK | COUNTY | PROJECT NUMBER 2202.086 | SHEET TITLE DEMOLITION PLAN | SHEET NUMBER C1.4



NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-SHEET LAYOUT.DWG
DATE PLOTTED: 10/17/2022 4:38 PM
PLOTTED BY: BRIAN HULTE
COMMENT:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE SHEET LAYOUT	SHEET NUMBER C2.0

PHASE 2 STAGING NOTES

THE CONTRACTOR SHALL BEGIN PHASE 2 AFTER USE OF POD #1 IS OPERATIONAL. THE CONTRACTOR MAY CONTINUE GRADING AND UNDERGROUND UTILITY CONSTRUCTION AS LONG AS POD #1 UTILITIES ARE INSTALLED. CONTRACTOR SHALL GET APPROVAL FROM THE ENGINEER AND CITY PRIOR TO WORKING ON MULTIPLE PHASES.

PHASE 1 STAGING NOTES

THE CONTRACTOR SHALL PRIORITIZE THE COMPLETION OF PHASE 1 FOR SUBSTANTIAL COMPLETION FOR THE USE OF POD #1 PER CONTRACT DOCUMENTS.

NE 10TH STREET

NE HERITAGE DRIVE

NE GATEWAY DRIVE

PRIVATE ROAD

NE 2ND COURT

NE 12TH STREET

NE 11TH STREET

NE LITTLE BEAVER ST

LITTLE BEAVER CREEK TRIBUTARY

WATER SERVICE (TYP.)

PARKING LOT GATE ARMS

PARKING & SIDEWALK PCC (TYP.)

LANDSCAPING (TYP.)

POD #4

SYNTHETIC TURF

POD #3

WATER SERVICE (TYP.)

STORM SEWER (TYP.)

PARKING & SIDEWALK PCC (TYP.)

SANITARY SEWER SERVICE (TYP.)

FIELD FENCING, DUGOUTS, & BALL CONTROL & TIE-BACK NETTING & FOOTINGS (TYP.)

FIELD FENCING, DUGOUTS, & BALL CONTROL & TIE-BACK NETTING & FOOTINGS (TYP.)

POD #6

SYNTHETIC TURF

POD #5

SYNTHETIC TURF

POD #2

POD #1

SYNTHETIC TURF

STORM SEWER (TYP.)

SANITARY SEWER SERVICE (TYP.)

FIELD LIGHTING (TYP.)

FIELD LIGHTING (TYP.)

SANITARY SEWER SERVICE CONNECTION

RETAINING WALL

OUTLOT Y
OWNER:
CITY OF GRIMES

OUTLOT Z
OWNER:
CITY OF GRIMES

OWNER: HOPE K FARMS LLC

OWNER: LEORY A AND SUSAN L EDGE

OWNER: DESERCREST OK LLC

OWNER: CONNOR M AND KELSEY E STEELE

OWNER: HEATHER SPURLOCK AND PAUL OVERSON

OWNER: KEVIN L AND SARAH SCHOCK

OWNER: JOAN E WARREN

OWNER: LAWRENCE AND MIRANDA VANWINKLE

OWNER: JACOB M AND KATELYN M PRIME

OWNER: ELIZABETH BROWN AND KOLTON KERSTEN

OWNER: ROND AND TODD HOING

OWNER: BETHANY L AND JOHN C DAVIDSON

OWNER: RYAN AND REBECCA BURGER

OWNER: KATHRYN ROBBINS LIVING TRUST

OWNER: GARY AND LORETTA SCHEIBER

OWNER: JOSEPH ELLSWORTH AND JILL WEINHEIMER

OWNER: CITY OF GRIMES

OWNER: RUSSELL AND PATRICIA TASSIN

OWNER: COURTNEY RUMMEL

OWNER: DENISE MORTON

OWNER: STEVEN, LINDA AND JEANETTE BROWN

OWNER: DEAN SWANSON

OWNER: TAMMY TYLER & SANDRA THOMPSON

OWNER: DEWAYNE LEWIS JR AND KATHERINE KINNEY

OWNER: NANCY TWINING

OWNER: RHONDA PFOERRING

OWNER: ANN MILLER

OWNER: SPLASH EXPRESS LLC

OWNER: JOHNSON DEVELOPMENT LC

SCALE 0' 50' 100' 200'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-SHEET LAYOUT.DWG
DATE PLOTTED: 10/11/2022 4:38 PM
PLOT DATE: 10/11/22
PLOTTED BY: CHRIS HULIT
COMMENT:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE STAGING PLAN	SHEET NUMBER C2.1

BID ALTERNATES LEGEND

1. SHARED USE PATH PLAZA PCC, FENCE, GATES, NETTING, DUGOUTS, & ELECTRICAL
2. SYNTHETIC TURF
3. PARKING LOT GATE ARMS, & REVENUE CONTROL EQUIPMENT
4. ATHLETIC FIELD LIGHTING POLES & FIXTURES

PARKING LOT GATE ARMS (BID ALTERNATE 3) (TYP.)

ATHLETIC FIELD LIGHTING POLES & FIXTURES (BID ALTERNATE 4) (TYP.)

CONSTRUCTED DUGOUTS (BID ALT. 1) (TYP.)

SHARED USE PATH, FENCING, GATES, NETTING, & ELECTRICAL (BID ALT. 1) (TYP.)

ATHLETIC FIELD LIGHTING POLES & FIXTURES (BID ALTERNATE 4) (TYP.)

POD #1 — SYNTHETIC TURF BID ALT. 2

POD #2 — SYNTHETIC TURF BID ALT. 2

POD #3 — SYNTHETIC TURF BID ALT. 2

POD #4 — SYNTHETIC TURF BID ALT. 2

POD #5 — SYNTHETIC TURF BID ALT. 2

POD #6 — SYNTHETIC TURF BID ALT. 2

NE GATEWAY DRIVE

NE HERITAGE DRIVE

PRIVATE ROAD

NE 2ND COURT

NE 10TH STREET

NE 11TH STREET

NE 12TH STREET

NE LITTLE BEAVER ST

LITTLE BEAVER CREEK TRIBUTARY

OUTLOT Y
OWNER:
CITY OF GRIMES

OWNER:
HOPE K FARMS LLC

OWNER:
CITY OF GRIMES

OWNER:
SPLASH EXPRESS LLC

OWNER:
JOHNSON DEVELOPMENT LC

OWNER:
LEORY A AND SUSAN L EDGE

OWNER:
HEATHER SPURLOCK AND PAUL OLIVERSON

OWNER:
JOAN E WARREN

OWNER:
DESERCREST OK LLC

OWNER:
KEVIN L AND SARAH SCHOCK

OWNER:
LAWRENCE AND MIRANDA VANWINKLE

OWNER:
JACOB M AND KATELYN M PRIME

OWNER:
CONNOR M AND KELSEY E STEELE

OWNER:
ELIZABETH BROWN AND KOLTON KERSTEN

OWNER:
ROND AND TODD HOING

OWNER:
BETHANY L AND JOHN C DAVIDSON

OWNER:
RYAN AND REBECCA BURGER

OWNER:
KATHRYN ROBBINS LIVING TRUST

OWNER:
GARY AND LORETTA GRAEBER

OWNER:
JOSEPH ELLSWORTH AND JILL WEINHEIMER

OWNER:
AMY L AND ANTHONY J NELSON

OWNER:
MICHAEL AND LAURA GORMAN

OWNER:
RUSSELL AND PATRICIA TASSIN

OWNER:
COURTNEY RUMMEL

OWNER:
DENISE MORTON

OWNER:
STEVEN, LINDA AND JEANETTE BROWN

OWNER:
DEAN OSBORNE

OWNER:
TAMMY TYLER & SANDRA THOMPSON

OWNER:
DEWAYNE LEWIS JR AND KATHERINE KINNEY

OWNER:
NANCY TWINING

OWNER:
RHONDA PICKERING

OWNER:
AND MILLER

SCALE
0' 50' 100' 200'

NO.	REVISIONS	DATE	BY
1	ADDENDUM 1	10/21/22	LSS

COMMENT:
DATE PLOTTED: 10/21/2022 4:38 PM
PLOTTED BY: Shelli T
FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-SHEET LAYOUT.DWG
FILE DATE: 10/21/22

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER	2202.086	SHEET TITLE	BID ALTERNATES EXHIBIT	SHEET NUMBER C2.2

NE HERITAGE DRIVE

NE 10TH STREET

NE 2ND COURT

NE LITTLE BEAVER ST

NE 12TH STREET

NE 11TH STREET

POD #1

POD #2

POD #3

POD #4

POD #5

POD #6

OUTLOT Z
OWNER:
CITY OF GRIMES

OUTLOT Y
OWNER:
CITY OF GRIMES

OWNER:
HOPE K
FARMS LLC

OWNER:
SPLASH EXPRESS
LLC

OWNER:
JOHNSON
DEVELOPMENT LC

OWNER:
CITY OF GRIMES

OWNER:
RUSSELL AND
PATRICIA TASSIN

OWNER:
COURTNEY RUMMEL

OWNER:
DENISE MORTON

OWNER:
DESERCREST
OK LLC

OWNER:
CONNOR M AND
KELSEY E STEELE

OWNER:
LEORY A AND
SUSAN L EDGE

OWNER:
HEATHER SPURLOCK
AND PAUL OLIVERSON

OWNER:
KEVIN L AND
SARAH SCHOCK

OWNER:
JOAN E
WARREN

OWNER:
LAWRENCE AND
MIRANDA VANWINKLE

OWNER:
JACOB M AND
KATELYN M PRIME

OWNER:
ELIZABETH BROWN
L AND KOLTON
KERSTEN

OWNER:
ROND AND
TODD HOING

OWNER:
BETHANY L AND
JOHN C DAVIDSON

OWNER:
RYAN AND
REBECCA BURGER

OWNER:
KATHRYN ROBBINS
LIVING TRUST

OWNER:
GARY AND
LORETTA GRAEBER

OWNER:
JOSEPH ELLSWORTH
AND
JILL WEINHEIMER

OWNER:
LAURA L AND
MICHAEL
GORMAN

OWNER:
AMY L AND
ANTHONY J
NELSON

OWNER:
STEVEN, LYNDA AND
JEANETTE BROWN

OWNER:
DEAN

OWNER:
TAMMY TYLER &
SANDRA THOMPSON

OWNER:
DEWAYNE LEWIS JR
AND KATHERINE
KINNEY

OWNER:
NANCY TWINING

OWNER:
RHONDA PICKERING

OWNER:
ANN MILLER

SCALE
0' 50' 100' 200'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-DIMENSION SHEETS.DWG
FILE DATE: 10/21/22
PLOTTED BY: ERIC SCHULTE
DATE PLOTTED: 10/17/2022 4:39 PM
COMMENT:
SCALE:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER	2202.086	SHEET TITLE	DIMENSION PLAN	SHEET NUMBER	C3.0

NE HERITAGE DRIVE (BY OTHERS)

NE 10TH ST (BY OTHERS)

SHEET LEGEND

DETECTABLE WARNING (TYP.)

5.0' SIDEWALK (4" P.C.C.)

DOUBLE CENTERLINE YELLOW (DCY4) (TYP.)

8.0' TRAIL (6" P.C.C.)

STOP LINE WHITE (SLW8) (TYP.)

6' CHAIN LINK FENCE (TYP.)

8' X 30' DUGOUT

10' CHAIN LINK FENCE (TYP.)

30' TENSION NETTING

LEFT TURN ARROW WHITE (LTAW) (TYP.)

SOLID LANE LINE WHITE (SLW4) (TYP.)

INTEGRAL 6" STANDARD CURB (TYP.)

BOLLARD (TYP.)

5" P.C.C. (TYP.)

5" PCC

6" P.C.C.

GATE ARM

LOOP DETECTOR (TYP.)

NO CURB (FLUSH)

POD #4

PAINTED ACCESSIBLE PARKING SYMBOL (TYP.)

CLASS "A" CURB & SIDEWALK

12' WIDE SWINGING GATE

(10) ACCESSIBLE PARKING SIGN ON BOLLARD

4' WIDE SWINGING GATE (TYP.)

BALL CONTROL NETTING (TYP.)

CHANNELING LINE YELLOW (CHY8) (TYP.)

8' X 40' DUGOUT

5' OPENING (TYP.)

SCALE 0' 15' 30' 60'

40' TENSION NETTING

10' CHAIN LINK FENCE (TYP.)

8' X 40' DUGOUT

LEFT TURN ARROW WHITE (LTAW) (TYP.)

SOLID LANE LINE WHITE (SLW4) (TYP.)

CHANNELING LINE YELLOW (CHY8) (TYP.)

5" CLASS A SIDEWALK

CLASS "A" CURB & SIDEWALK

SIDEWALK RAMPS (P.C.C. 6")

CLASS A SIDEWALK

6' CHAIN LINK FENCE (TYP.)

(10) ACCESSIBLE PARKING SIGN ON BOLLARD

REMOVABLE BOLLARDS (5)

5" P.C.C. SHARED USE PATH (TYP.)

GATE (BY OTHERS)

APPROXIMATE FUTURE BUILDING LOCATION (PRIOR TO THE COMPLETION OF PROPOSED WORK SURROUNDING FUTURE BUILDINGS, THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT TO MAKE CERTAIN FINAL BUILDING FOOTPRINTS ARE ACCOUNTED FOR)

SHARED USE PATH (5" P.C.C.)

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-DIMENSION SHEETS.DWG
FILE DATE: 10/21/22
PLOTTED BY: BRETT SCHULTE
DATE PLOTTED: 10/21/2022 4:39 PM
COMMENT: DSG

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DIMENSION PLAN	SHEET NUMBER C3.1

R550'
R5'
6" P.C.C. (TYP.)
INTEGRAL 6" STANDARD CURB (TYP.)
5.0' SIDEWALK (4" P.C.C.)
18.0'
16.5'
162.0'
126.0'
81.0'
117.0'
41.5'
9.5'
18.0'
R3'
R2'
25.0'
R12'
DETECTABLE WARNING (TYP.)
R54'
7.4'
R20'
DUMPSTER ENCLOSURE (8" P.C.C.)
SOLID LANE LINE WHITE (SLW4) (TYP.)
CLASS "A" CURB & SIDEWALK
CLASS A SIDEWALK
8.0'
5.0'
10.0'
20.0'
441.4'
424.9'
17.0'
24.0'
36.0'
279.0'
297.0'
324.0'
252.0'
R8'
117.0'
6.6'
4.0'
INTEGRAL 6" STANDARD CURB (TYP.)
120.0'
7" P.C.C. (TYP.)
5.0' SIDEWALK (4" P.C.C.)
20.0
32.6'
R26'
DETECTABLE WARNING (TYP.)
14.5'
10' CHAIN LINK FENCE (TYP.)
8' CHAIN LINK FENCE (TYP.)
346.7'
8' X 30' DUGOUT
5" P.C.C. SHARED USE PATH (TYP.)
41.4'
24.9'
30' TENSION NETTING
6' CHAIN LINK FENCE (TYP.)
4' WIDE SWINGING GATE (TYP.)
5' OPENING (TYP.)
10' WIDE SWINGING GATE (TYP.)
SPECIAL FLOOD HAZARD AREAS ZONE AE (TYP.)
POD #6
SYNTHETIC TURF (REFER TO MANUFACTURER'S SPECIFICATIONS)
12' WIDE SWINGING GATE
BALL CONTROL NETTING (TYP.)
10' CHAIN LINK FENCE (TYP.)
8' CHAIN LINK FENCE (TYP.)
30' TENSION NETTING
5' OPENING (TYP.)
6' CHAIN LINK FENCE (TYP.)
SPECIAL FLOOD HAZARD AREAS ZONE AE (TYP.)
22.3'
ELECTRIC (TYP.) (REFER TO ELECTRICAL PLAN)
90'
17.3'
14.7'
8' X 40' DUGOUT
40' TENSION NETTING
5" P.C.C. SHARED USE PATH (TYP.)
40.0'
POD #5
SHEET LEGEND

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-DIMENSION SHEETS.DWG
DATE PLOTTED: 10/11/2022 4:59 PM
PLOTTED BY: SCHULTE
FILE DATE: 10/11/22
COMMENT:
DISC:

N
SCALE
0' 15' 30' 60'

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DIMENSION PLAN	SHEET NUMBER C3.2

424.9'
40.0'
424.9'
10' CHAIN LINK FENCE (TYP.)
24.9'
4' WIDE SWINGING GATE (TYP.)
6' CHAIN LINK FENCE (TYP.)
4' WIDE SWINGING GATE (TYP.)
8' X 30' DUGOUT
30' TENSION NETTING
5' OPENING (TYP.)
8' X 30' DUGOUT
BALL CONTROL NETTING (TYP.)
POD #5
SYNTHETIC TURF (REFER TO MANUFACTURER'S SPECIFICATIONS)
40.0'
424.9'
442.4'
12' WIDE SWINGING GATE
6' CHAIN LINK FENCE (TYP.)
4' WIDE SWINGING GATE (TYP.)
5' OPENING (TYP.)
8' X 30' DUGOUT
5' OPENING (TYP.)
8' X 30' DUGOUT
30' TENSION NETTING
10' CHAIN LINK FENCE (TYP.)
4' WIDE SWINGING GATE (TYP.)
8' X 30' DUGOUT
24.9'
24.9'
424.9'
20.0'
8' X 30' DUGOUT
LINK FENCE
1430'
6' CHAIN LINK FENCE (TYP.)
8' CHAIN LINK FENCE (TYP.)
382.4'
5" P.C.C. SHARED USE PATH (TYP.)
382.4'
8' CHAIN LINK FENCE (TYP.)
5" P.C.C. SHARED USE PATH (TYP.)
24.9'
6' CHAIN LINK FENCE (TYP.)
4' WIDE SWINGING GATE (TYP.)
5' OPENING (TYP.)
10' CHAIN LINK FENCE (TYP.)
40' TENSION NETTING
24.9'
8' X 40' DUGOUT
5' OPENING (TYP.)
5' OPENING (TYP.)
8' X 40' DUGOUT
SHEET LEGEND
BALL CONTROL NETTING (TYP.)
SYNTHETIC TURF (REFER TO MANUFACTURER'S SPECIFICATIONS)
POD #2
POD #2
12' WIDE SWINGING GATE
40.0'
442.4'
12' WIDE SWINGING GATE
BALL CONTROL NETTING (TYP.)
SYNTHETIC TURF (REFER TO MANUFACTURER'S SPECIFICATIONS)
442.4'
12' WIDE SWINGING GATE
BALL CONTROL NETTING (TYP.)
6' CHAIN LINK FENCE (TYP.)
45.0'
APPROXIMAT (PRIOR TO FUTURE BU ARCHITECT ACCOUNTED
382.4'
5" P.C.C. SHARED USE PATH (TYP.)
20.0'
6' CHAIN LINK FENCE (TYP.)
30' PUBLIC TRAIL EASEMENT BK 16338, PG 354
EX 8.0 PUBLIC TRAIL (PROTECT)
SPECIAL FLOOD HAZARD AREAS REGULATORY FLOODWAY (TYP.)
SPECIAL FLOOD HAZARD AREAS ZONE AE (TYP.)
SPECIAL FLOOD HAZARD AREAS ZONE AE (TYP.)
SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-DIMENSION SHEETS.DWG
FILE DATE: 10/11/22
PLOTTED BY: JOE SCHULTE
DATE PLOTTED: 10/11/2022 4:39 PM
COMMENT:
DESIGN:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DIMENSION PLAN	SHEET NUMBER C3.4

NE 10TH ST
(BY OTHERS)

NE HERITAGE DRIVE
(BY OTHERS)

SHEET LEGEND

R25' R25'
8" P.C.C.
6" P.C.C.
8.0' TRAIL (6" P.C.C.)
STOP LINE WHITE (SLW8) (TYP.)
37.0'
8.0'
41.4'
6' CHAIN LINK FENCE (TYP.)
8' X 30' DUGOUT
20.0'
424.9'
910.7'
5" P.C.C. SHARED USE PATH (TYP.)
8' CHAIN LINK FENCE (TYP.)
6' CHAIN LINK FENCE (TYP.)
36.0'
20.0'
382.4'
5" P.C.C. SHARED USE PATH (TYP.)
LEFT TURN ARROW WHITE (LTAW) (TYP.)
SOLID LANE LINE WHITE (SLW4) (TYP.)
24.9'
10' CHAIN LINK FENCE (TYP.)
30' TENSION NETTING
6' CHAIN LINK FENCE (TYP.)
10' CHAIN LINK FENCE (TYP.)
8' X 30' DUGOUT
30' TENSION NETTING
24.9'
24.9'
30' TENSION NETTING
8' X 30' DUGOUT
6' CHAIN LINK FENCE (TYP.)
6' CHAIN LINK FENCE (TYP.)
8' X 30' DUGOUT
5' OPENING (TYP.)
5" P.C.C. (TYP.)
5' OPENING (TYP.)
8' X 30' DUGOUT
8' X 30' DUGOUT
5' OPENING (TYP.)
4' WIDE SWINGING GATE (TYP.)
BOLLARD (TYP.)
R1.5'
5" P.C.C.
4' WIDE SWINGING GATE (TYP.)
4' WIDE SWINGING GATE (TYP.)
4' WIDE SWINGING GATE (TYP.)
54.0'
16.0' 16.0' 16.0'
3.0' 3.0'
BALL CONTROL NETTING (TYP.)
8' CHAIN LINK FENCE (TYP.)
SYNTHETIC TURF (REFER TO MANUFACTURER'S SPECIFICATIONS)
6" P.C.C.
6' CHAIN LINK FENCE (TYP.)
GATE ARM
LOOP DETECTOR (TYP.)
R3'
NO CURB (FLUSH)
8.5'
8.0' TYP.
5.0' TYP.
20.0'
6.0'
POD #4
POD #4
POD #3
POD #3
PAINTED ACCESSIBLE PARKING SYMBOL (TYP.)
413.0'
424.9'
SYNTHETIC TURF (REFER TO MANUFACTURER'S SPECIFICATIONS)
424.9'
442.4'
5" P.C.C. SHARED USE PATH (TYP.)
12' WIDE SWINGING GATE
12' WIDE SWINGING GATE
CLASS "A" CURB & SIDEWALK
R30'
BOLLARD (TYP.)
R178.5'
NO CURB (FLUSH)
8.7'
R3'
(10) ACCESSIBLE PARKING SIGN ON BOLLARD
BALL CONTROL NETTING (TYP.)
BALL CONTROL NETTING (TYP.)
R15'
12.0'
INTEGRAL 6" STANDARD CURB (TYP.)
R137.5'
R20'
25.0'
R10'
NO CURB (FLUSH)
40.0'
CHANNELING LINE YELLOW (CHY8) (TYP.)
R162.5'
R38'
APPROXIMATE
(PRIOR TO THE COMPLETION OF PRO
FUTURE BUILDINGS, THE CONTRACTOR S
ARCHITECT TO MAKE CERTAIN FINAL
SYNTHETIC TURF (REFER TO MANUFACTURER'S SPECIFICATIONS)
4' WIDE SWINGING GATE (TYP.)
24.0'
12.0'
R62'
8' X 40' DUGOUT
5' OPENING (TYP.)
4' WIDE SWINGING GATE (TYP.)
8' X 30' DUGOUT
5.5'
REMOVABLE BOLLARDS: (5)
5" P.C.C. SHARED USE PATH (TYP.)
2.3'
5' OPENING (TYP.)
5" P.C.C. SHARED USE PATH (TYP.)
4.0'
22.0'
GATE (BY OTHERS)
17.3'
40' TENSION NETTING
10' CHAIN LINK FENCE (TYP.)
8' X 40' DUGOUT
6' CHAIN LINK FENCE (TYP.)
10' CHAIN LINK FENCE (TYP.)
30' TENSION NETTING
8' X 30' DUGOUT
6' CHAIN LINK FENCE (TYP.)
6' CHAIN LINK FENCE (TYP.)
5' OPENING (TYP.)
APPROXIMATE FUTURE
424.9'
424.9'
382.4'
SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-DIMENSION SHEETS.DWG
DATE PLOTTED: 10/17/2022 4:39 PM
FILE DATE: 10/17/22
FILE BY: ERIC SCHULTE
COMMENT: DWG

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DIMENSION PLAN	SHEET NUMBER C3.3

NE HERITAGE DRIVE
(BY OTHERS)

PRIVATE ROAD

SHEET LEGEND

8.0' TRAIL (6" P.C.C.)

R25' R25'

8" P.C.C.
6" P.C.C.

EX. 8.0' SHARED USE PATH
(6" P.C.C.) (BY OTHERS)

DETECTABLE WARNING
(TYP.)

EX X" P.C.C.
(VERIFY)

6" P.C.C.

EX. 8.0' SHARED USE PATH
(6" P.C.C.)

INTEGRAL 6"
STANDARD CURB
(TYP.)

6' CHAIN LINK
FENCE (TYP.)

36.0'

20.0'

382.4'

5" P.C.C. SHARED
USE PATH (TYP.)

6' CHAIN LINK FENCE
(TYP.)

6' CHAIN LINK FENCE
(TYP.)

BALL CONTROL NETTING
(TYP.)

SYNTHETIC TURF
(REFER TO
MANUFACTURER'S
SPECIFICATIONS)

POD #3

360.3'

442.4'

12' WIDE SWINGING GATE

6' CHAIN LINK
FENCE (TYP.)

SHARED USE PATH

CLASS "A"
CURB &
SIDEWALK

9.5' 18.0' 9.5'

17.0'

R3'

R25'

25.0'

9.5'

25.2'

R20'

R10'

8.0'

16.5'

9.5'

SOLID LANE
LINE WHITE
(SLW4)
(TYP.)

INTEGRAL 6"
STANDARD CURB
(TYP.)

333.0'

8.0'

16.5'

306.0' 324.0'

20.0'

45.5'

CLASS A SIDEWALK

18.0'

6" P.C.C.
(TYP.)

CLASS "A"
CURB &
SIDEWALK

REFER TO ELECTRICAL PLAN

APPROXIMATE FUTURE BUILDING LOCATION
(PRIOR TO THE COMPLETION OF PROPOSED WORK SURROUNDING
FUTURE BUILDINGS, THE CONTRACTOR SHALL COORDINATE WITH THE
ARCHITECT TO MAKE CERTAIN FINAL BUILDING FOOTPRINTS ARE
ACCOUNTED FOR)

NO CURB
(FLUSH)

SYNTHETIC TURF
(REFER TO
MANUFACTURER'S
SPECIFICATIONS)

4' WIDE SWINGING
GATE (TYP.)

8' X 40'
DUGOUT

10' CHAIN LINK FENCE
(TYP.)

8' CHAIN LINK FENCE
(TYP.)

5' OPENING
(TYP.)

40' TENSION NETTING

8' X 40'
DUGOUT

6' CHAIN LINK FENCE
(TYP.)

382.4'

24.9'

5" P.C.C.
SHARED USE
(TYP.)

10.2'

25.0'

R10'

BOLLARD (TYP.)

R15'

9.5'

R25'

12.0'

37.0'

R62'

REMOVABLE
BOLLARDS (5)

BOLLARD: (TYP.)

GATE
(BY OTHERS)

CHANNELING
LINE YELLOW
(CHY8) (TYP.)

NO CURB
(FLUSH)

(8) ACCESSIBLE PARKING
SIGN ON BOLLARD

5" P.C.C. SHARED
USE PATH (TYP.)

382.4'

20'

INTEGRAL 6"
STANDARD CURB
(TYP.)

216.0'

18.0'

9.5'

R3'

R10'

25.0'

6" P.C.C.
(TYP.)

INTEGRAL 6"
STANDARD CURB
(TYP.)

SOLID LANE LINE
WHITE (SLW4)
(TYP.)

198.0'

R20'

PAINTED ACCESSIBLE
PARKING SYMBOL
(TYP.)

CLASS "A"
CURB &
SIDEWALK

180.0'

16.5'

8.0'

5.0'

16.0'

8.5'

DUMPSTER
ENCLOSURE
(8" P.C.C.)

R5'

10.6'

CLASS A SIDEWALK

25.0'

R10'

4.5'

R3'

EX. 8.0' SHARED USE PATH
(6" P.C.C)

10.0' TRAIL
(6" P.C.C)

135.0'

10.0'

CLASS "A"
CURB &
SIDEWALK

INTEGRAL 6"
STANDARD CURB
(TYP.)

OWNER:
HOPE K FARM

SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-DIMENSION SHEETS.DWG
FILE DATE: 10/17/22
DATE PLOTTED: 10/17/2022 4:39 PM
PLOTTED BY: CHRIS SCHULTE
COMMENT: DSC

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DIMENSION PLAN	SHEET NUMBER C3.5

382.4'
46.0'
382.4'
8' CHAIN LINK FENCE (TYP.)
8' X 40' DUGOUT
2
5" P.C.C. SHARED USE PATH (TYP.)
24.9'
40' TENSION NETTING
4' WIDE SWINGING GATE (TYP.)
8' X 40' DUGOUT
10' CHAIN LINK FENCE (TYP.)
6' CHAIN LINK FENCE (TYP.)
6' CHAIN LINK FENCE (TYP.)
4' WIDE SWINGING GATE (TYP.)
5' OPENING (TYP.)
10' CHAIN LINK FENCE (TYP.)
24.9'
40' TENSION NETTING
8' X 40' DUGOUT
5' OPENING (TYP.)
SYNTHETIC TURF (REFER TO MANUFACTURER'S SPECIFICATIONS)
5' OPENING (TYP.)
8' X 40' DUGOUT
8' CHAIN LINK FENCE (TYP.)
SYNTHETIC TURF (REFER TO MANUFACTURER'S SPECIFICATIONS)
20.0'
ST
6' CHAIN LINK FENCE (TYP.)
POD #2
POD #1
442.4'
12' WIDE SWINGING GATE
442.4'
470.7'
12' WIDE SWINGING GATE
12' WIDE SWINGING GATE
40.0'
BALL CONTROL NETTING (TYP.)
BALL CONTROL NETTING (TYP.)
442.4'
BALL CONTROL NETTING (TYP.)
SYNTHETIC TURF (REFER TO MANUFACTURER'S SPECIFICATIONS)
SYNTHETIC TURF (REFER TO MANUFACTURER'S SPECIFICATIONS)
4' WIDE SWINGING GATE (TYP.)
8' CHAIN LINK FENCE (TYP.)
5' OPENING (TYP.)
10' CHAIN LINK FENCE (TYP.)
8' X 30' DUGOUT
30' TENSION NETTING
5' OPENING (TYP.)
8' X 30' DUGOUT
24.9'
ST
6' CHAIN LINK FENCE (TYP.)
6' CHAIN LINK FENCE (TYP.)
382.4'
20.0'
5" P.C.C. SHARED USE PATH (TYP.)
43.5'
SPECIAL FLOOD HAZARD AREAS ZONE AE (TYP.)
SPECIAL FLOOD HAZARD AREAS REGULATORY FLOODWAY (TYP.)
245.0'
147.8'
45.0'
APPROXIMATE FUTURE BUILDING LOCATION
(PRIOR TO THE COMPLETION OF PROPOSED WORK SURROUNDING FUTURE BUILDINGS, THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT TO MAKE CERTAIN FINAL BUILDING FOOTPRINTS ARE ACCOUNTED FOR)
REV
5" P.C.C. SHARED USE PATH (TYP.)
382.4'
20.0'
6' CHAIN LINK FENCE (TYP.)
EX 8.0 PUBLIC TRAIL (PROTECT)
SPECIAL FLOOD HAZARD AREAS ZONE AE (TYP.)
8.0' TRAIL (6" P.C.C)

SHEET LEGEND

SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-DIMENSION SHEETS.DWG
FILE DATE: 10/11/2022
PLOTTED BY: ERIC SCHULTE
DATE PLOTTED: 10/11/2022 4:39 PM
COMMENT:
DESC:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DIMENSION PLAN	SHEET NUMBER C3.6

NE HERITAGE DRIVE

NE 10TH STREET

NE 2ND COURT

PRIVATE ROAD

NE LITTLE BEAVER ST

11TH STREET

LITTLE BEAVER TRIBUTARY

TRIBUTARY OF LITTLE BEAVER CREEK

POD #1

POD #2

POD #3

POD #4

POD #5

POD #6

SOIL BORING #1

SOIL BORING #2

SOIL BORING #3

SOIL BORING #4

SOIL BORING #5

SOIL BORING #6

SOIL BORING #7

SOIL BORING #8

SOIL BORING #9

SOIL BORING #10

SOIL BORING #11

SOIL BORING #12

SOIL BORING #13

SOIL BORING #14

SOIL BORING #15

SOIL BORING #16

SOIL BORING #17

SOIL BORING #18

SOIL BORING #19

SOIL BORING #20

SOIL BORING #21

SOIL BORING #22

SOIL BORING #23

SOIL BORING #24

SOIL BORING #25

SOIL BORING #26

SOIL BORING #27

SOIL BORING #28

SOIL BORING #29

OUTLOT Y
OWNER:
CITY OF GRIMES

OUTLOT Z
OWNER:
CITY OF GRIMES

OWNER:
HOPE K FARMS LLC

OWNER:
CITY OF GRIMES

OWNER:
LAWRENCE AND MELISSA VANWINKLE

OWNER:
JASON M AND KATE M PRIME

OWNER:
ELIZABETH BROWN AND MILTON KIRSTEN

OWNER:
BOWS AND TOMLINSON

OWNER:
BETHANY L AND JOHN C ENVISION

OWNER:
RYAN AND REBECCA BURGER

OWNER:
KATHRYN ROBBINS LIVING TRUST

OWNER:
GARY AND LORETTA GRAEBER

OWNER:
JOSEPH ELLSWORTH AND JILL WEHRHEIMER

OWNER:
AMY L AND ANTHONY J NELSON

OWNER:
LAURA AND MICHAEL GORMAN

OWNER:
RUSSELL AND PATRICIA TOSSIN

OWNER:
COURTNEY I RUMMEL

OWNER:
DENISE I MORTON

OWNER:
JOHNSON DEVELOPMENT

OWNER:
SPLASH EXPRESS

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-GRADING SHEETS.DWG
DATE PLOTTED: 10/11/2022 4:40 PM
PLOTTED BY: SCHULTE
FILE DATE: 10/10/22
PLOTTED BY: SCHULTE
COMMENT:
DISC:

N

SCALE
0' 50' 100' 200'

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER	2202.086	SHEET TITLE	GRADING PLAN	SHEET NUMBER	C4.0

NE HERITAGE DRIVE

NE 10TH ST

REFER TO SHEET C4.8 DETAIL 'B' FOR SIDEWALK & INTERSECTION ELEVATIONS

REFER TO SHEET C4.8 DETAIL 'A' FOR SIDEWALK & INTERSECTION ELEVATIONS

REFER TO SHEET C4.9 DETAIL 'D' FOR SIDEWALK & INTERSECTION ELEVATIONS

PROJECT AND GRADING LIMITS (TYP.)

SITE BOUNDARY (TYP.)

SPECIAL FLOOD HAZARD AREA ZONE AE

SOIL BORING #3

SOIL BORING #4

SOIL BORING #5

SOIL BORING #9

SHEET LEGEND

POD #1 POD #2 POD #3 POD #4 POD #5 POD #6

POD #4

SCALE 0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-GRADING SHEETS.DWG
FILE DATE: 10/7/22
PLOTTED BY: JOE SCHULTE
DATE PLOTTED: 10/11/2022 4:40 PM
COMMENT:
DESC:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE GRADING PLAN	SHEET NUMBER C4.1

GRADING LIMITS (TYP.)

PROJECT LIMITS AND SITE BOUNDARY (TYP.)

REFER TO SHEET C4.9 DETAIL 'E' FOR SIDEWALK & INTERSECTION ELEVATIONS

SOIL BORING #2

SOIL BORING #7

SOIL BORING #8

SOIL BORING #6

SOIL BORING #1

SOIL BORING #11

SOIL BORING #10

POD #6

POD #5

SHEET LEGEND

POD #4 | POD #3 | POD #6 | POD #5 | POD #2 | POD #1

PROJECT AND GRADING LIMITS AND SITE BOUNDARY (TYP.)

SPECIAL FLOOD HAZARD AREAS ZONE AE

PROJECT LIMIT (TYP.)

SITE BOUNDARY (TYP.)

SCALE 0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086--GRADING SHEETS.DWG
DATE PLOTTED: 10/11/2022 4:40 PM
PLOTTED BY: CHRIS SCHULTE
FILE DATE: 10/10/22
PLOT SCALE: 100%
COMMENT:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE GRADING PLAN	SHEET NUMBER C4.2

NE 10TH ST

NE HERITAGE DRIVE

PROJECT AND GRADING LIMITS (TYP.)

SITE BOUNDARY (TYP.)

PROJECT AND GRADING LIMITS AND SITE BOUNDARY (TYP.)

SHEET LEGEND

POD #4 | POD #3 | POD #6 | POD #5 | POD #2 | POD #1

SOIL BORING #15

SOIL BORING #21

SOIL BORING #5

SOIL BORING #14

SOIL BORING #20

SOIL BORING #9

SOIL BORING #13

SOIL BORING #19

POD #4

POD #3

SCALE 0' 15' 30' 60'

NO.	REVISIONS	BY	DATE

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-GRADING SHEETS.DWG
DATE PLOTTED: 10/11/2022 4:40 PM
PLOT SCALE: 1=20'
PLOT BY: SHILLIT

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE GRADING PLAN	SHEET NUMBER C4.3

SOIL BORING #19

SOIL BORING #11

SOIL BORING #12

SOIL BORING #17

SOIL BORING #18

SOIL BORING #10

SOIL BORING #16

POD #5

POD #5

POD #2

POD #2

SHEET LEGEND

POD #4 | POD #3 | POD #6 | POD #5 | POD #2 | POD #1

GRADING LIMITS (TYP.)

SITE BOUNDARY (TYP.)

PROJECT LIMIT (TYP.)

SPECIAL FLOOD HAZARD AREAS REGULATORY FLOODWAY (TYP.)

SPECIAL FLOOD HAZARD AREAS ZONE AE (TYP.)

PROJECT LIMITS (TYP.)

SITE BOUNDARY AND GRADING LIMITS

SCALE 0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

COMMENT:

DESIGN:

DATE PLOTTED: 10/11/2022 4:40 PM

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-GRADING SHEETS.DWG

FILE DATE: 10/10/22

PLOTTED BY: MICHAEL TE

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE GRADING PLAN	SHEET NUMBER C4.4

NE HERITAGE DRIVE

PROJECT, GRADING LIMITS AND SITE BOUNDARY (TYP.)

REFER TO SHEET C4.8 DETAIL 'C' FOR SIDEWALK & INTERSECTION ELEVATIONS

SITE BOUNDARY (TYP.)

PROJECT AND GRADING LIMITS (TYP.)

PROJECT AND GRADING LIMITS (TYP.)

PROJECT LIMITS (TYP.)

PROJECT AND GRADING LIMITS (TYP.)

SITE BOUNDARY (TYP.)

SOIL BORING #21

SOIL BORING #22

SOIL BORING #27

SOIL BORING #20

SOIL BORING #28

SOIL BORING #26

SOIL BORING #19

SOIL BORING #18

POD #3

SHEET LEGEND

POD #4 | POD #3 | POD #6 | POD #5 | POD #2 | POD #1

N

SCALE 0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\LDWG\SITE PLAN\2202086-GRADING SHEETS.DWG
FILE DATE: 10/7/22
PLOTTED BY: NICHOLAS SCHULTE
DATE PLOTTED: 10/11/2022 4:40 PM
COMMENT:
DESIGN:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE GRADING PLAN	SHEET NUMBER C4.5

SOIL BORING #19

SOIL BORING #17

SOIL BORING #18

SOIL BORING #24

SOIL BORING #25

SOIL BORING #23

POD #1

POD #2

PROJECT AND GRADING LIMITS (TYP.)

SITE BOUNDARY (TYP.)

GRADING & PROJECT LIMITS (TYP.)

RETAINING WALL

PROJECT AND GRADING LIMITS (TYP.)

SITE BOUNDARY (TYP.)

SPECIAL FLOOD HAZARD AREAS ZONE AE

SPECIAL FLOOD HAZARD AREAS FLOODWAY

PROJECT LIMITS (TYP.)

SITE BOUNDARY AND GRADING LIMITS (TYP.)

SITE BOUNDARY AND GRADING LIMITS (TYP.)

SHEET LEGEND

POD #4 | POD #3 | POD #6 | POD #5 | POD #2 | POD #1

SCALE 0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\LIVE\SITE PLAN\2202086-GRADING SHEETS.DWG
FILE DATE: 10/10/22
PLOT DATE: 10/11/2022 4:40 PM
PLOTTED BY: Schulte
COMMENT:
DESIGN:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER	2202.086	SHEET TITLE	GRADING PLAN	SHEET NUMBER C4.6

OUTLOT Z
OWNER:
CITY OF GRIMES

GRADING & PROJECT LIMITS (TYP.)

SPECIAL FLOOD HAZARD AREAS ZONE AE (TYP.)

SPECIAL FLOOD HAZARD AREAS ZONE AE

SPECIAL FLOOD HAZARD AREAS FLOODWAY

SHEET LEGEND

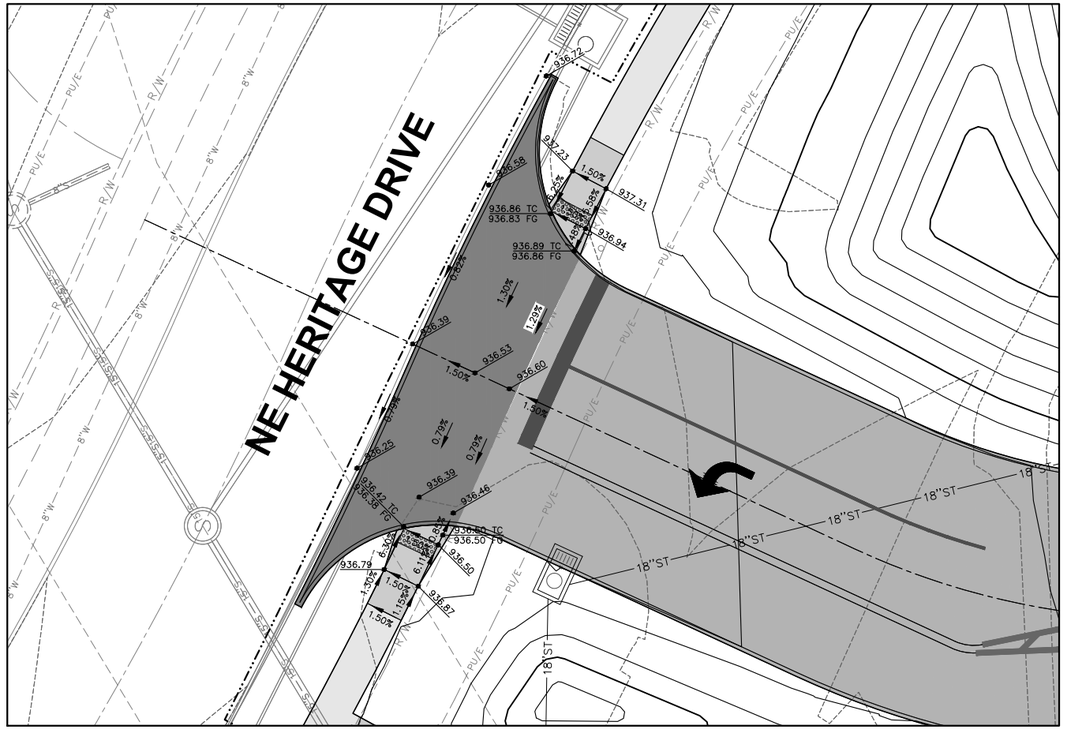
POD #4 | POD #3 | POD #6 | POD #5 | POD #2 | POD #1

SCALE 0' 15' 30' 60'

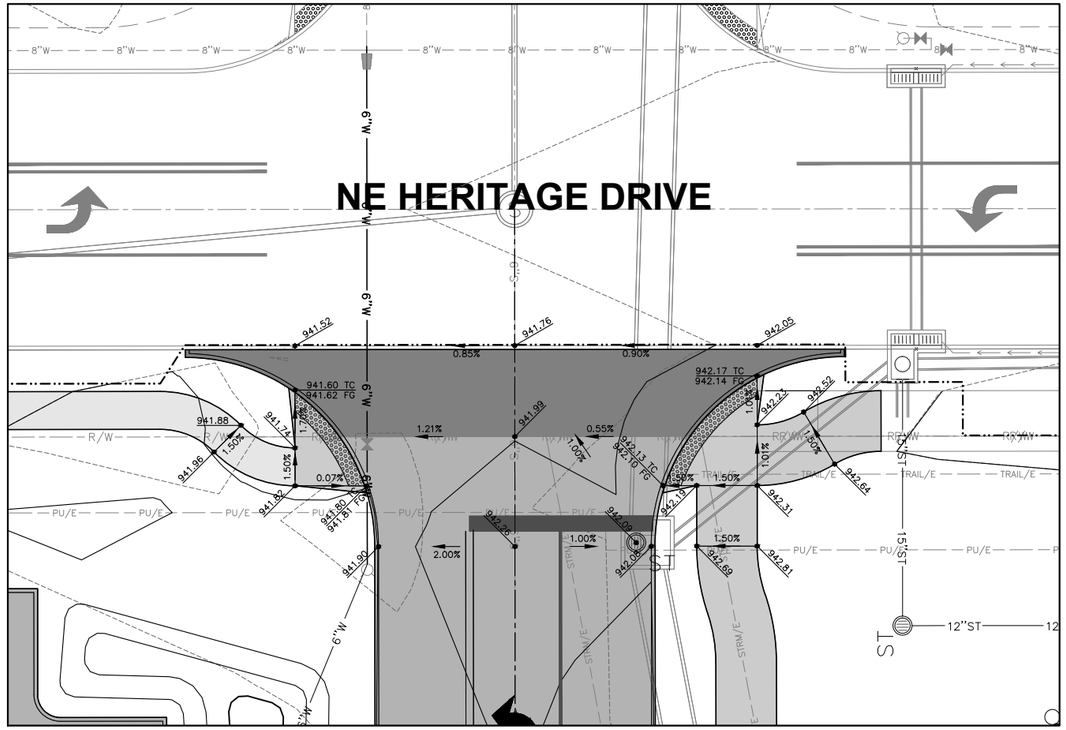
NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-GRADING SHEETS.DWG
FILE DATE: 10/10/22
PLOTTED BY: BRYCE MILLER
DATE PLOTTED: 10/11/2022 4:40 PM
COMMENT:

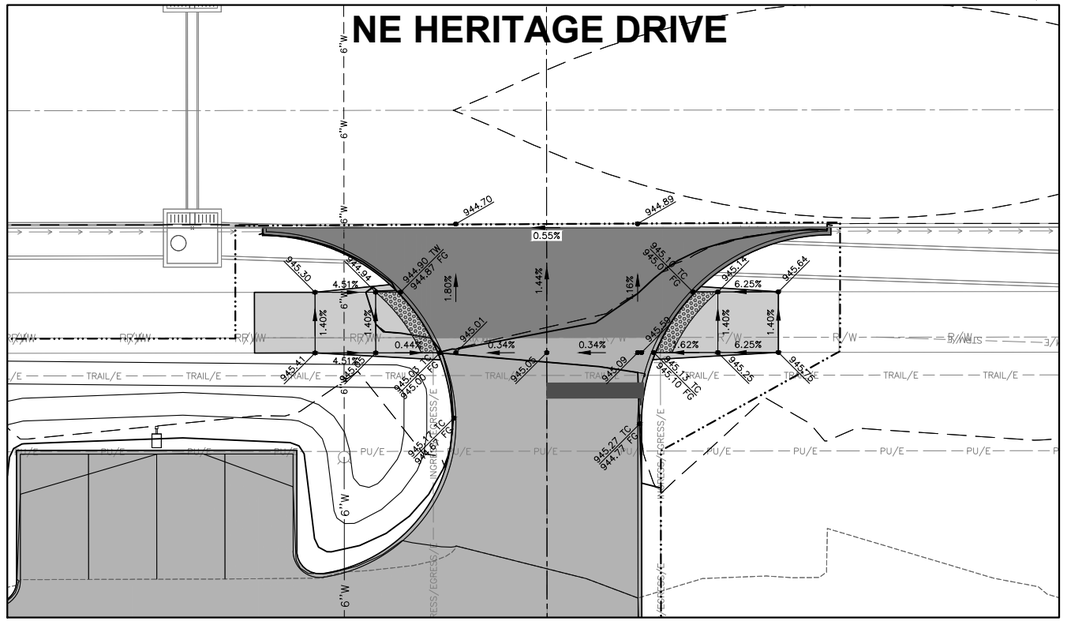
DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE GRADING PLAN	SHEET NUMBER C4.7



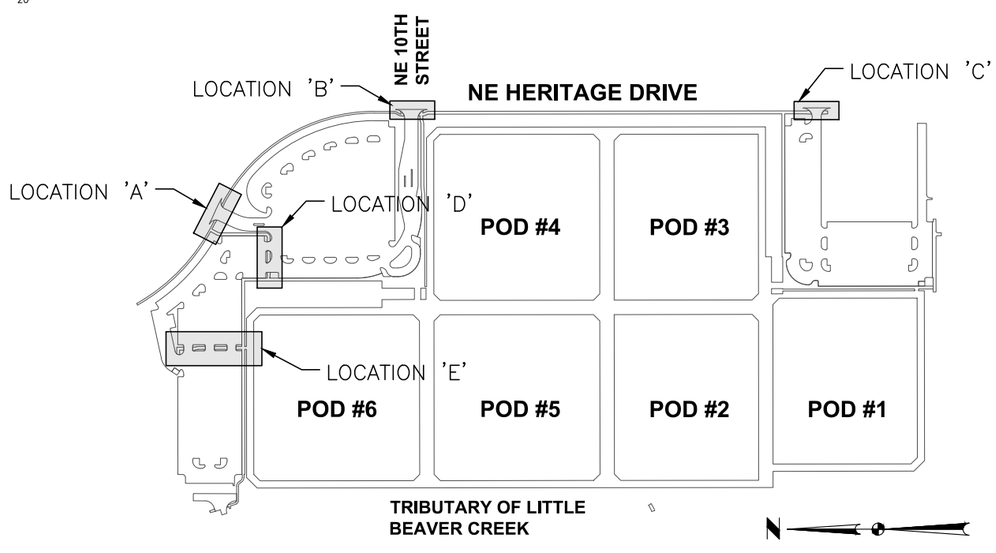
LOCATION 'A'



LOCATION 'B'



LOCATION 'C'



SHEET LEGEND

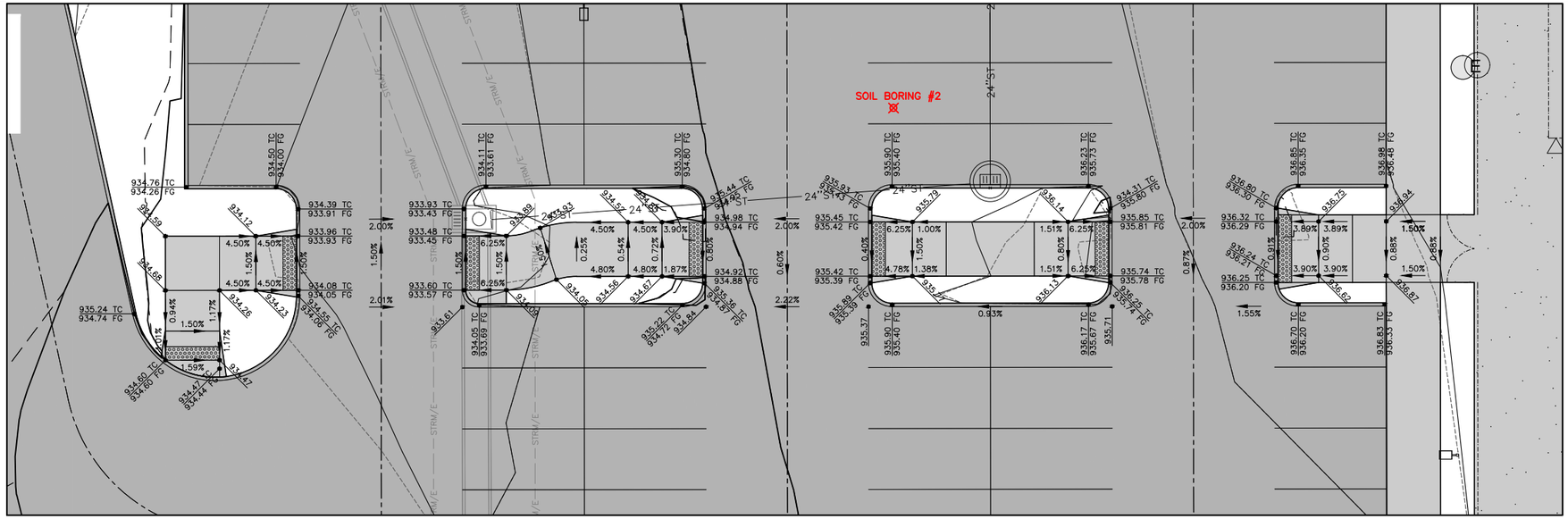
NOT TO SCALE

SCALE 0' 5 10' 20'

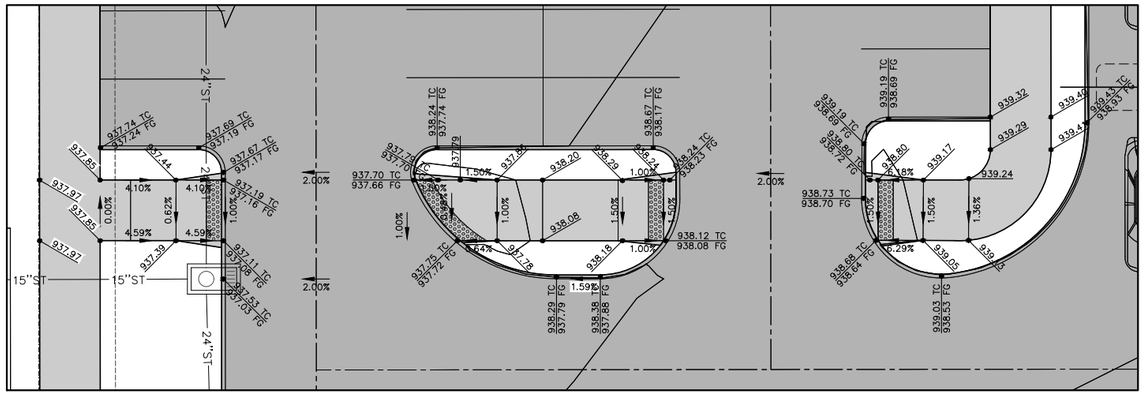
NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-GRADING SHEETS.DWG
PLOT DATE: 10/10/22
PLOTTED BY: JOSH SCHULTE
DATE PLOTTED: 10/11/2022 4:41 PM
COMMENT:
DWG:

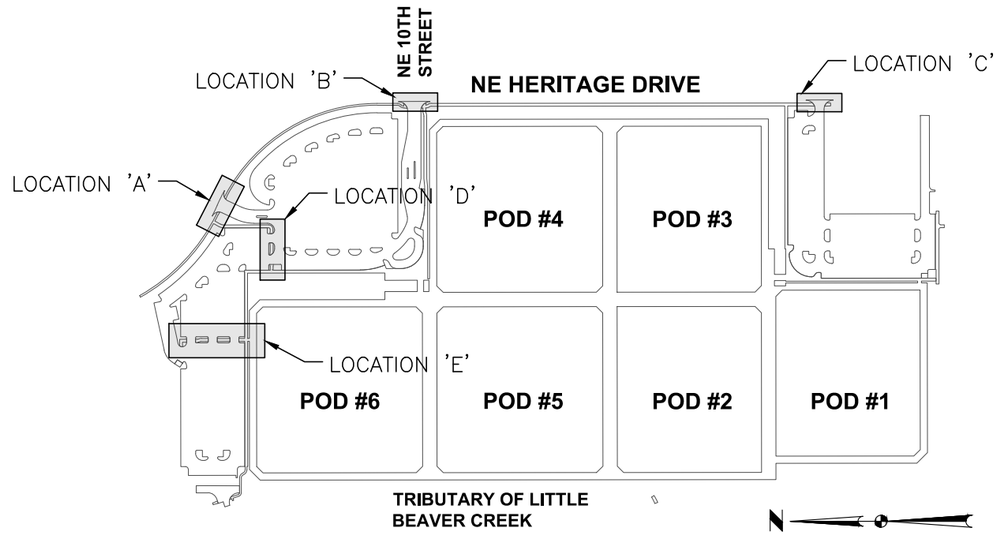
DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE GRADING PLAN	SHEET NUMBER C4.8



LOCATION 'E'



LOCATION 'D'



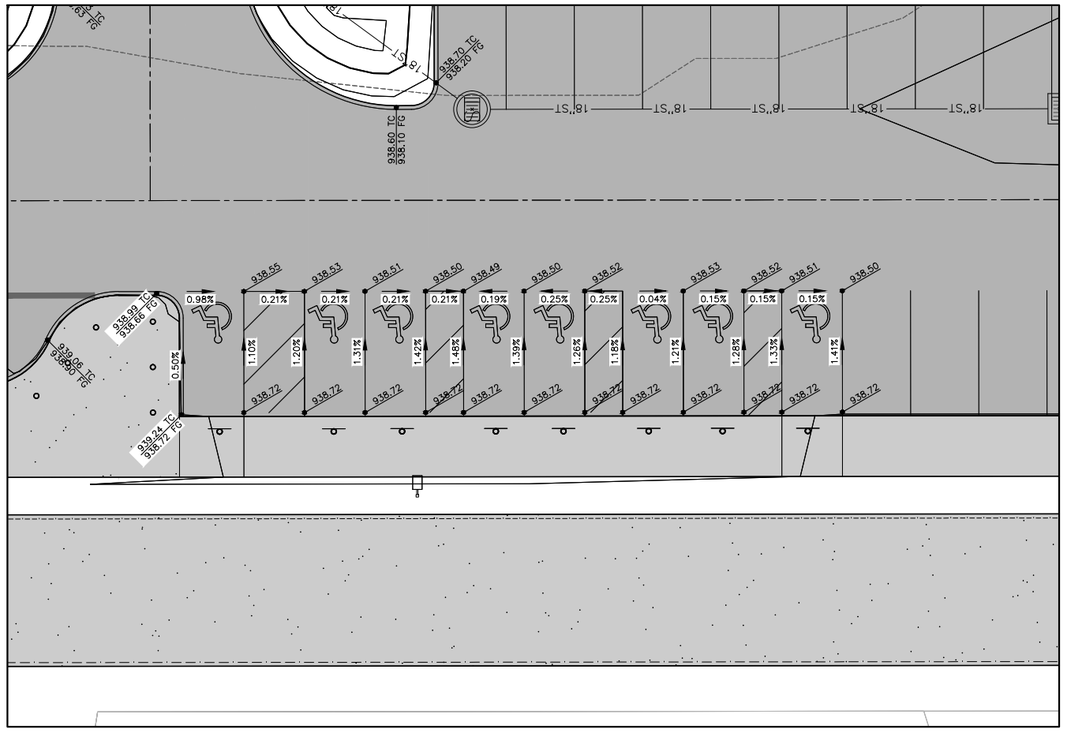
SHEET LEGEND

NOT TO SCALE

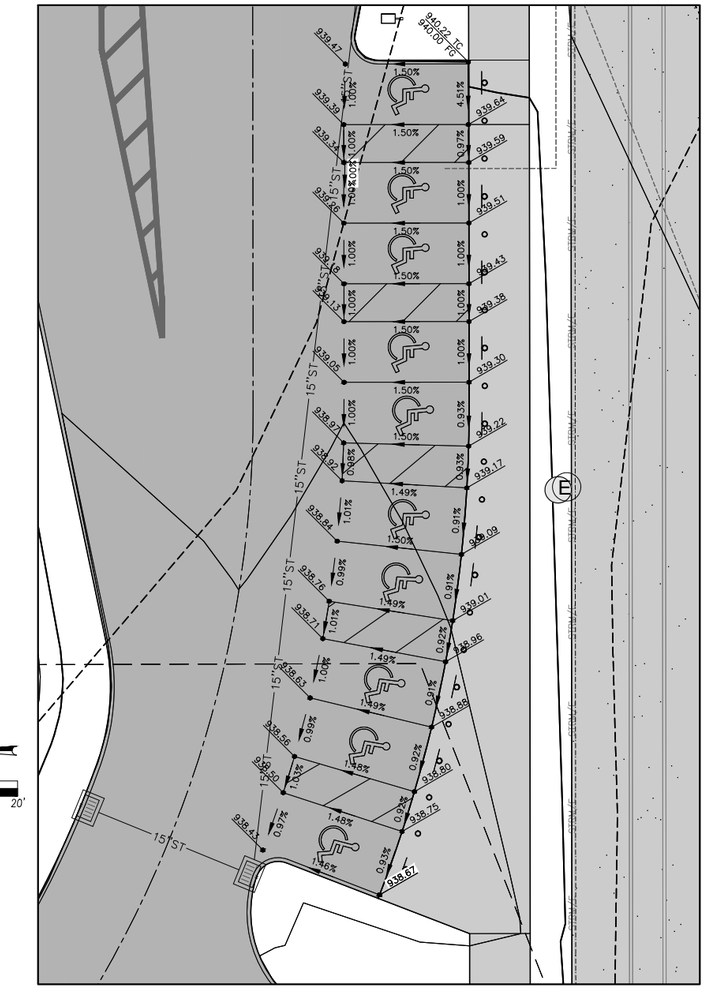
NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-GRADING SHEETS.DWG
FILE DATE: 10/10/22
DATE PLOTTED: 10/11/2022 4:41 PM
PLOTTED BY: ERIC SCHULTE
COMMENT: ENG

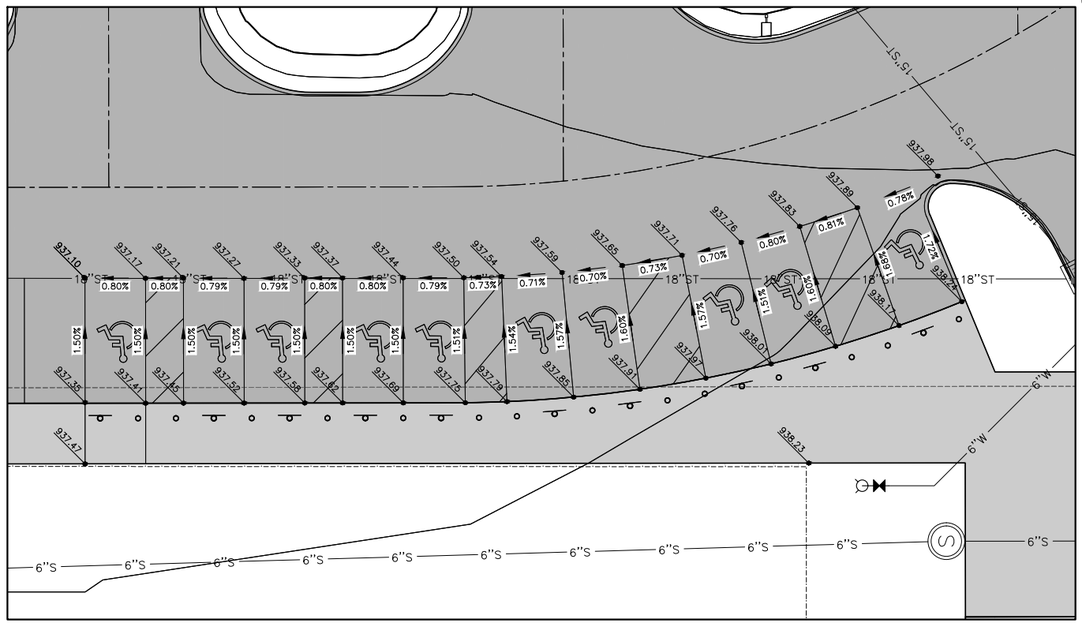
DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER	2202.086	SHEET TITLE	GRADING PLAN	SHEET NUMBER	C4.9



LOCATION 'A'

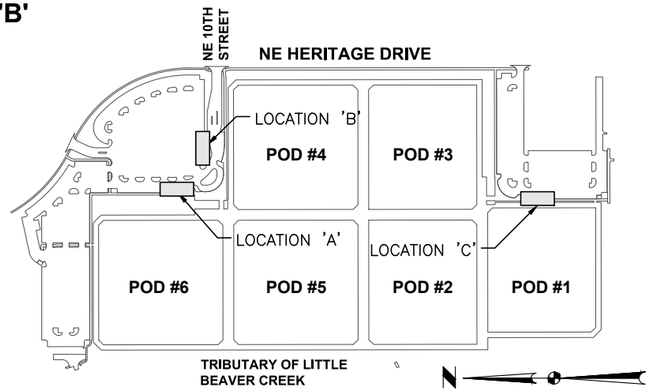


LOCATION 'B'



LOCATION 'C'

SCALE
0' 5 10' 20'



SHEET LEGEND

NOT TO SCALE

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\VWC\SITE PLAN\2202086-GRADING SHEETS.DWG
DATE PLOTTED: 10/11/2022 4:41 PM
PLOT DATE: 10/10/22
PLOTTED BY: Mike Schulte

COMMENT:
DSC

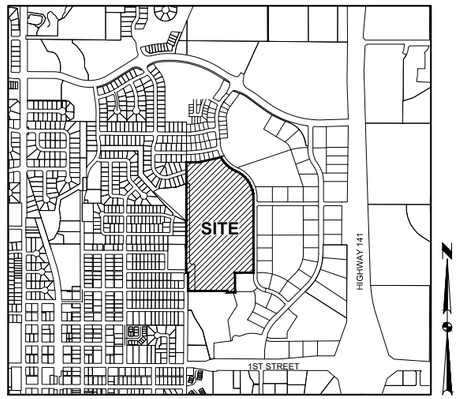
DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER	2202.086	SHEET TITLE	GRADING PLAN	SHEET NUMBER C4.10

GRIMES PLEX

EROSION AND SEDIMENT CONTROL PLAN

VICINITY MAP

NOT TO SCALE



GRIMES, IOWA

STABILIZATION QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
1	SILT FENCE	LF	8,411
2	FILTER SOCK	LF	2,406
3	SILT FENCE CHECK DAMS	LF	372
4	SEEDING, FERTILIZING, AND MULCHING	AC	52.7
5	INLET PROTECTION DEVICES	EA	44
6	CONCRETE WASHOUT	EA	2

NOTES:

1. IF DEWATERING IS NEEDED FOR ANY REASON, DISCHARGE OF WATER OFFSITE IS TO CONFORM WITH THE GENERAL PERMIT #2 REQUIREMENT.
2. 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.
3. STORM SEWERS AND DRAINAGE WAYS SHALL BE PROTECTED FROM CONCRETE SLURRY PRODUCED BY SAWCUTTING AND CONCRETE GRINDING.

DISCHARGE POINT SUMMARY

DISCHARGE POINT #1 DIRECTLY INTO AN UNNAMED TRIBUTARY OF LITTLE BEAVER CREEK

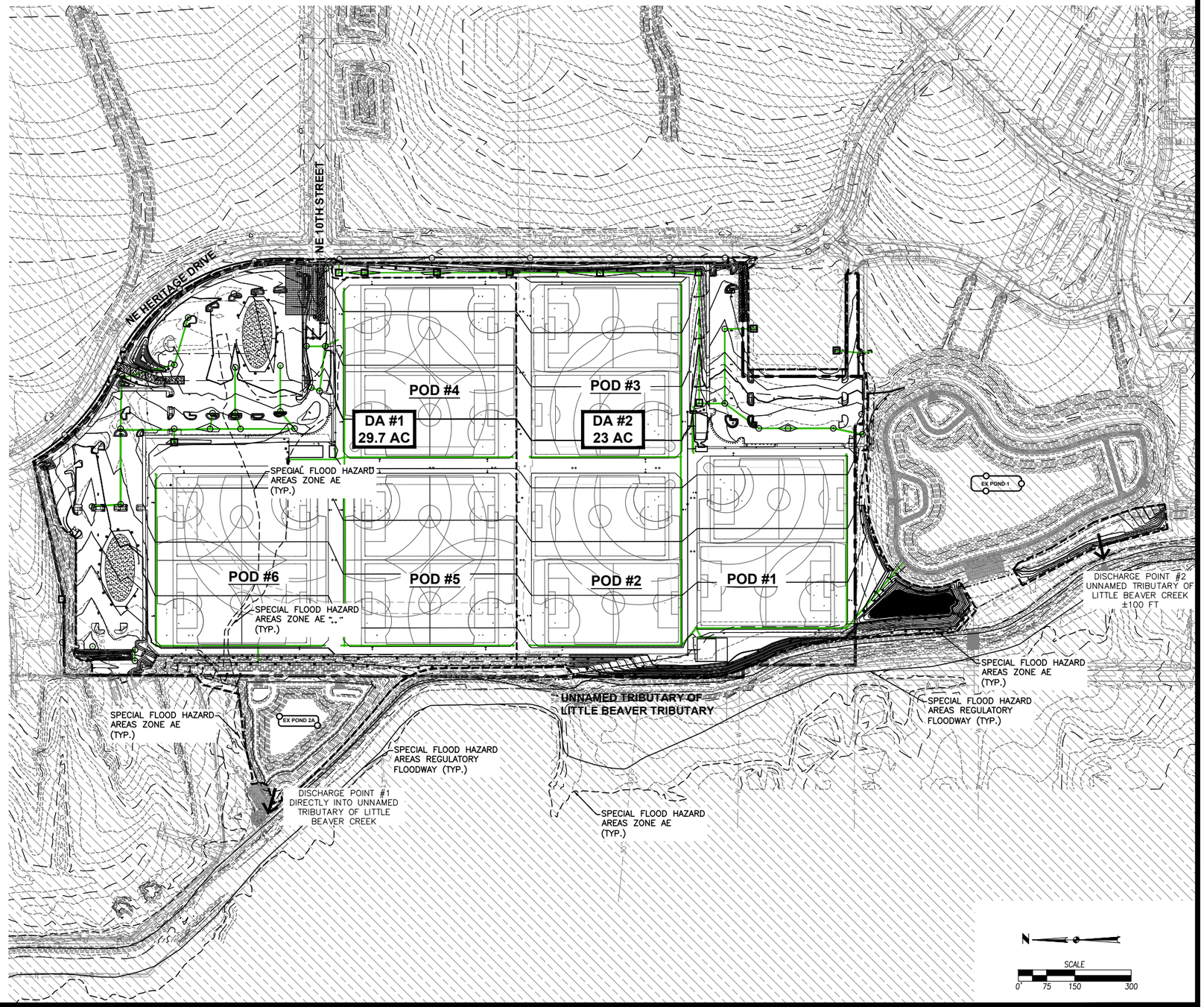
TOTAL AREA DISTURBED TO DISCHARGE POINT	29.7 ACRES
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	106,920 CU FT
VOLUME PROVIDED IN FILTER SOCK (822 LF @ 2.0 CU FT/LF OF SOCK)	1,644 CU FT
VOLUME PROVIDED IN SILT FENCE (3,346 LF @ 4.5 CU FT/LF OF FENCE)	15,057 CU FT
VOLUME PROVIDED IN SILT FENCE CHECK DAM (244 LF @ 4.5 CU FT/LF OF FENCE)	1,098 CU FT
VOLUME PROVIDED IN EX. POND #1	282,419 CU FT
TOTAL VOLUME PROVIDED	300,218 CU FT

DISCHARGE POINT #2 TO AN UNNAMED TRIBUTARY OF LITTLE BEAVER CREEK ±100 FT

TOTAL AREA DISTURBED TO DISCHARGE POINT	23 ACRES
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	82,800 CU FT
VOLUME PROVIDED IN FILTER SOCK (1,584 LF @ 2.0 CU FT/LF OF SOCK)	3,168 CU FT
VOLUME PROVIDED IN SILT FENCE (5,066 LF @ 4.5 CU FT/LF OF FENCE)	22,797 CU FT
VOLUME PROVIDED IN SILT FENCE CHECK DAM (174 LF @ 4.5 CU FT/LF OF FENCE)	783 CU FT
VOLUME PROVIDED IN EX. POND #2	731,071 CU FT
TOTAL VOLUME PROVIDED	757,819 CU FT

SWPPP LEGEND

DRAINAGE ARROW	X.XX %	AREA TO BE SEEDED	
GRADING LIMITS		UNDISTURBED AREA	
FILTER SOCK		RIP-RAP	
SILT FENCE		GRAVEL ENTRANCE	
SILT FENCE CHECK DAM		STAGING AREA	
INLET PROTECTION		EXISTING POND	EX POND X
CONCRETE WASHOUT PIT			



NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-EROSION CONTROL SHEETS.DWG
FILE DATE: 10/10/22
DATE PLOTTED: 10/11/2022 4:42 PM
COUNTY: POLK SCALE: 1"=50'
COMMENT: ENG:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE EROSION AND SEDIMENT CONTROL PLAN	SHEET NUMBER C4.11

SHEET LEGEND

POD #4 | POD #3 | POD #6 | POD #5 | POD #2 | POD #1

INLET PROTECTION (TYP.)

FILTER SOCK (TYP.)

PROPOSED STAGING AREA (VERIFY EXACT LOCATION WITH CONTRACTOR)

GRAVEL CONSTRUCTION EXIT 3" CRUSHED STONE @ 6" MINIMUM DEPTH & 150' MINIMUM LENGTH

NE HERITAGE DRIVE

INLET PROTECTION (TYP.)

POTENTIAL TOPSOIL STOCKPILE LOCATION

CONCRETE WASH PIT

INLET PROTECTION (TYP.)

GRADING LIMITS (TYP.)

DA #1
29.7 AC

GRAVEL CONSTRUCTION EXIT 3" CRUSHED STONE @ 6" MINIMUM DEPTH & 150' MINIMUM LENGTH

SILT FENCE (TYP.)

SPECIAL FLOOD HAZARD AREAS ZONE AE (TYP.)

INLET PROTECTION (TYP.)

POD #4

FILTER SOCK (TYP.)

PROPERTY BOUNDARY (TYP.)

GRADING LIMITS (TYP.)

SILT FENCE (TYP.)

INLET PROTECTION (TYP.)

SCALE 0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\LDWG\SITE PLAN\2202086-EROSION CONTROL SHEETS.DWG
FILE DATE: 10/10/22
DATE PLOTTED: 10/11/2022 4:42 PM
PLOTTED BY: BRANDON SCHULTE
ITEM: DESC:
COMMENT:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE EROSION AND SEDIMENT CONTROL PLAN	SHEET NUMBER C4.12

GRADING LIMITS (TYP.)

INLET PROTECTION (TYP.)

PROPERTY BOUNDARY (TYP.)

SILT FENCE (TYP.)

POTENTIAL TOPSOIL STOCKPILE LOCATION

FILTER SOCK (TYP.)

SITE BOUNDARY

INLET PROTECTION (TYP.)

SILT FENCE CHECK DAM (TYP.)

GRADING LIMITS (TYP.)

SPECIAL FLOOD HAZARD AREAS ZONE AE (TYP.)

DA #1
29.7 AC

POD #6

SPECIAL FLOOD HAZARD AREAS ZONE AE (TYP.)

SILT FENCE (TYP.)

PROPERTY BOUNDARY (TYP.)

PROPERTY BOUNDARY (TYP.)

POD #5

SHEET LEGEND

POD #4 | POD #3 | POD #6 | POD #5 | POD #2 | POD #1

SCALE 0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: I:\2022\2202086\DWG\SITE PLAN\2202086-EROSION CONTROL SHEETS.DWG
PLOT DATE: 10/20/22
PLOTTED BY: SCHULTE

DATE PLOTTED: 10/11/2022 4:42 PM
COMMENT:
TEMPLATE: ARCH D

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE EROSION AND SEDIMENT CONTROL PLAN	SHEET NUMBER C4.13

GRADING LIMITS (TYP.)

INLET PROTECTION (TYP.)

FILTER SOCK (TYP.)

PROPERTY BOUNDARY (TYP.)

SILT FENCE (TYP.)

FILTER SOCK (TYP.)

FILTER SOCK (TYP.)

GRAVEL CONSTRUCTION EXIT
3" CRUSHED STONE
@ 6" MINIMUM DEPTH
& 150' MINIMUM LENGTH

CONCRETE WASH PIT

INLET PROTECTION (TYP.)

POD #4

POD #3

DA #1
29.7 AC

DA #2
23 AC

SHEET LEGEND

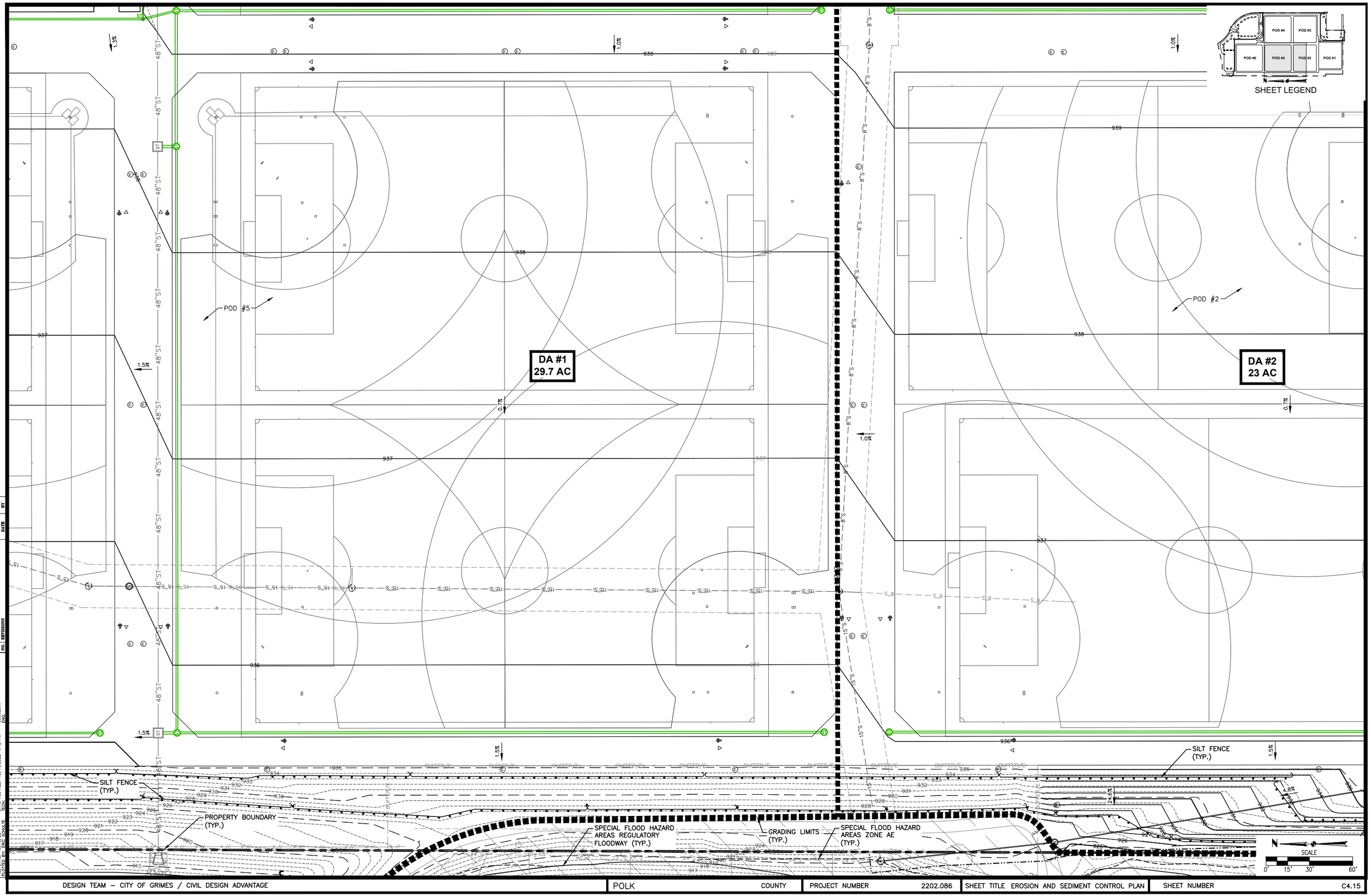
POD #4 | POD #3
POD #6 | POD #5 | POD #2 | POD #1

SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-EROSION CONTROL SHEETS.DWG
FILE DATE: 10/10/22
DATE PLOTTED: 10/11/2022 4:42 PM
COMMENT:
PLOTTED BY: ERIC SCHULTE
DISC:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER	2202.086	SHEET TITLE EROSION AND SEDIMENT CONTROL PLAN	SHEET NUMBER	C4.14



NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-EROSION CONTROL SHEETS.DWG
FILE DATE: 10/10/22
PLOTTED BY: JOSH WILLITE
DATE PLOTTED: 10/11/2022 4:42 PM
COMMENT:
DWG:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE EROSION AND SEDIMENT CONTROL PLAN	SHEET NUMBER C4.15

PROPERTY BOUNDARY (TYP.)

FILTER SOCK (TYP.)

INLET PROTECTION (TYP.)

FILTER SOCK (TYP.)

SILT FENCE CHECK DAMS (TYP.)

CONCRETE WASH PIT

POD #3

DA #2
23 AC

PROPERTY BOUNDARY (TYP.)

SILT FENCE DITCH CHECKS (TYP.)

OWNER:
HOPE K
FARMS
LLC

FILTER SOCK (TYP.)

INLET PROTECTION (TYP.)

FILTER SOCK (TYP.)

INLET PROTECTION (TYP.)

GRADING LIMITS (TYP.)

SHEET LEGEND

POD #4 | POD #3 | POD #6 | POD #5 | POD #2 | POD #1

SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\LDWG\SITE PLAN\2202086-EROSION CONTROL SHEETS.DWG
FILE DATE: 10/10/22
DATE PLOTTED: 10/11/2022 4:42 PM
PLOTTED BY: BRIAN SCHULTE
COMMENT:
DESIGN:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE EROSION AND SEDIMENT CONTROL PLAN	SHEET NUMBER C4.16

DA #2
23 AC

POD #1

POD #2

SHEET LEGEND

POD #4 | POD #3 | POD #6 | POD #5 | POD #2 | POD #1

GRADING LIMITS (TYP.)

RIP RAP (CLASS E)

FILTER SOCK CHECK DAM (TYP)

POTENTIAL TOPSOIL STOCKPILE LOCATION

SILT FENCE (TYP.)

SPECIAL FLOOD HAZARD AREAS REGULATORY FLOODWAY (TYP.)

PROPERTY BOUNDARY (TYP.)

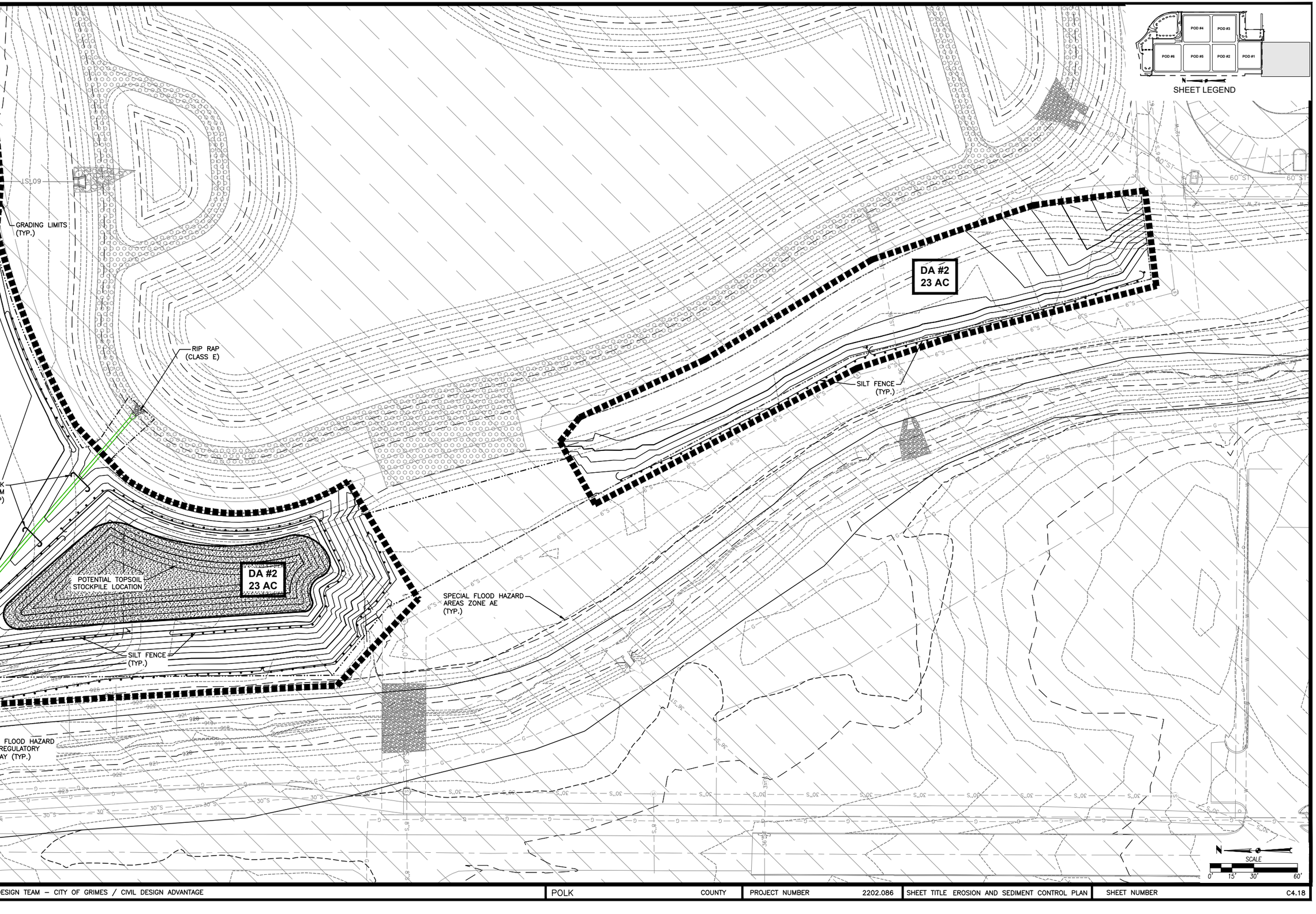
SILT FENCE (TYP.)

GRADING LIMITS (TYP.)

SCALE 0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

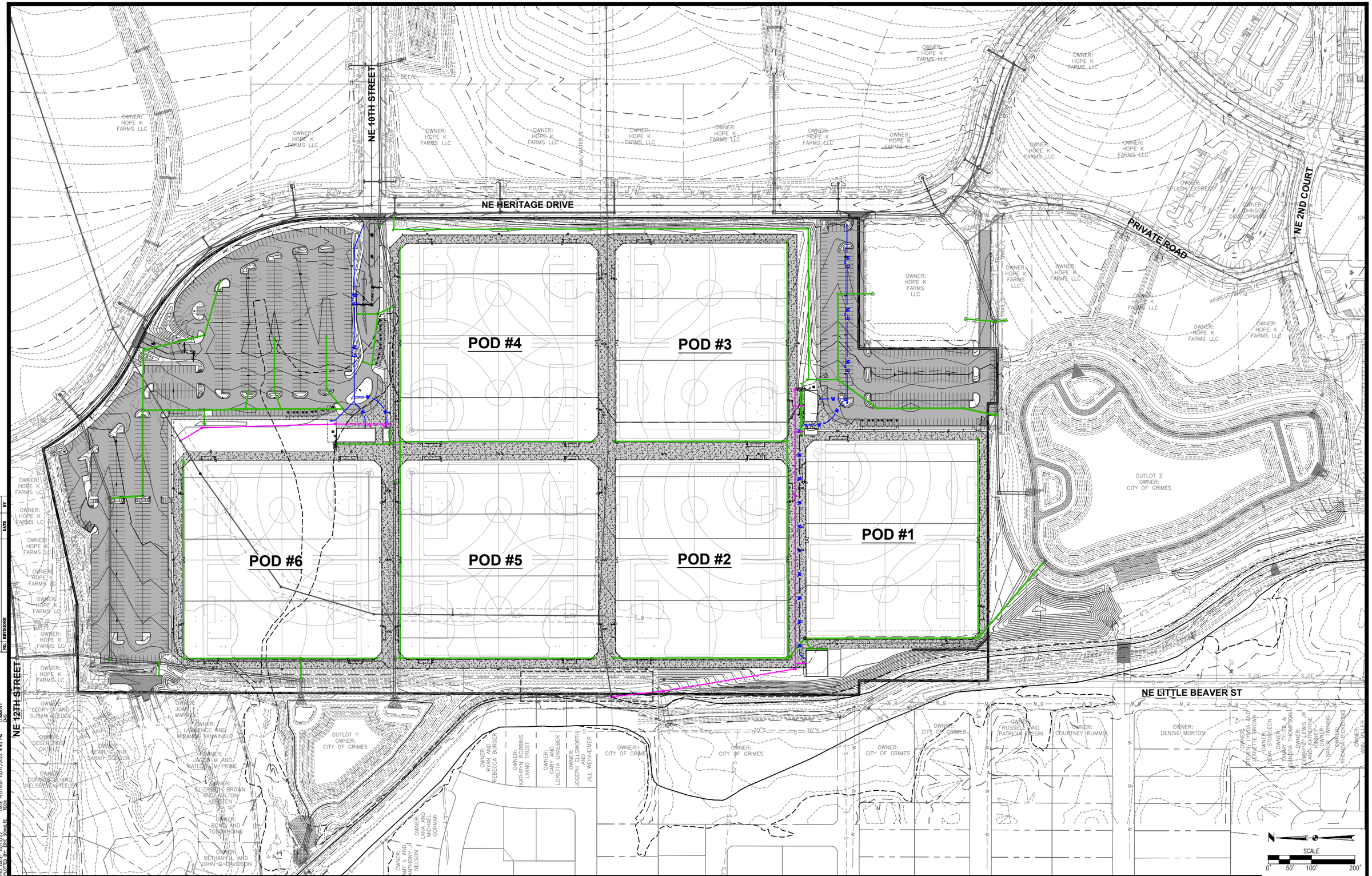
FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-EROSION CONTROL SHEETS.DWG
FILE DATE: 10/10/22
PLOTTED BY: RICHARD HUTT
DATE PLOTTED: 10/11/2022 4:42 PM
COMMENT:
DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE | POLK COUNTY | PROJECT NUMBER 2202.086 | SHEET TITLE EROSION AND SEDIMENT CONTROL PLAN | SHEET NUMBER C4.17



NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-EROSION CONTROL SHEETS.DWG
DATE PLOTTED: 10/11/2022 4:42 PM
FILE DATE: 10/10/22
PLOTTED BY: BRIAN SCHULTE
COMMENT:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE EROSION AND SEDIMENT CONTROL PLAN	SHEET NUMBER C4.18



NO.	REVISIONS	DATE	BY

COMMENT:

FILE: H:\2022\220208\DWG\SITE PLAN\220208-UTILITY SHEETS.DWG
PLOT DATE: 10/10/22
PLOTTED BY: JACK SCHULTE
DATE PLOTTED: 10/11/2022 4:43 PM
TOWN

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER	2202.086	SHEET TITLE	UTILITY PLAN	SHEET NUMBER	C5.0

NE HERITAGE DRIVE

NE 10TH S

SHEET LEGEND

EX ST-21
SW-506 INTK
TC=940.84
FL 15" (E)=935.21
FL 15" (N)=935.11

EX ST-62
SW-506 INTK
TC=942.75
FL 15" (E)=937.92
FL 15" (S)=935.34
FL 15" (W)=935.45
FL 15" (NW)=935.24
FL 6" (S)=938.25

REMOVE TEMPORARY BLOW OFF HYDRANT & CONNECT WATER MAIN

L-40
32 LF OF
15" RCP
@ 1.00%

ST-EX44
MAJOR MODIFICATION
OFFSET MH LID
RIM=942.09

L-41
67 LF OF
12" HDPE
@ 0.73%

ST-40
HDPE INTAKE BASIN 24" DIA.
SOLID LID
RIM=942.27
FL 12" (S)=935.87
FL 15" (E)=935.77

INSTALL 22.5°
WATER MAIN BEND

EX 210 LF OF
15" RCP
@ 0.66%

ST-19
SW-506 INTK
TC=929.12
FL 15" (NE)=934.75
FL 15" (S)=933.85
FL 15" (NW)=933.75
FL 6" (NW)=935.62

ST-35
SW-401 48" MH
(PED. COVER)
RIM=942.41
FL 15" (W)=938.41

EX 188 LF OF
48" RCP
@ 1.75%

ST-64
SW-502 48" INTK
TC=939.50
FL 15" (W)=934.38

EX 214 LF OF
15" RCP
@ 1.00%

ST-36
SW-502 60 INTK
TC=940.09
FL 15" (N)=935.55
FL 15" (W)=934.09
FL 15" (SE)=933.99

L-36
37 LF OF
15" PIPE
@ 2.00%

485 LF OF 6"
WATER MAIN

EX ST-43
SW-404 MH 6'X6' BASE
(MINOR ADJUSTMENT)
(PED. COVER)
RIM=941.33
FL 48" (E)=928.75
FL 48" (W)=928.65
FL 15" (N)=935.56
FL 18" (S)=933.25

L-64
127 LF OF
15" PIPE
@ 0.60%

ST-16
RIM=937.28
FL 36" (NE)=930.31
FL 15" (SE)=931.61
FL 36" (NW)=930.21
FL 6" (SE)=933.78

ST-37
SW-501 INTK
TC=939.97
FL 15" (S)=936.00

L-37
45 LF OF
15" PIPE
@ 1.00%

EX SW-301 48" MH
(MAJOR ADJUSTMENT)
RIM=937.10
EX. TC=940.00
FL 15" (E)=923.10
FL 8" (NW)=923.63
FL 8" (SE)=923.63
FL 15" (SW)=923.00

EX 115 LF OF
15" RCP
@ 0.57%

EX S-10
SW-303 48" MH
RIM=936.43
FL 15" (NE)=922.69
FL 8" (SE)=923.18
FL 15" (SW)=922.69

ST-63
SW-502 48" INTK
TC=939.02
FL 15" (E)=933.62
FL 18" (N)=933.52

L-63
141 LF OF
18" PIPE
@ 0.50%

ST-58
SW-511 INTK
RIM=939.62
FL 15" (W)=935.62

ST-61
SW-511 INTK
RIM=940.41
FL 15" (W)=936.41

L-38
116 LF OF
15" PIPE
@ 0.60%

POD #4

ST-38
SW-501 INTK
TC=938.89
FL 15" (N)=934.89
FL 15" (E)=934.79

L-35
443 LF OF
15" PERFORATED HDPE
@ 0.70%

L-61
119 LF OF
15" PIPE
@ 1.18%

L-58
119 LF OF
15" PIPE
@ 1.18%

ST-39
SW-501 INTK
TC=939.01
FL 15" (S)=935.00

L-39
21 LF OF
15" PIPE
@ 0.52%

ST-62
SW-504 INTK
TC=936.98
FL 18" (S)=932.81
FL 18" (W)=932.71

L-62
134 LF OF
18" PIPE
@ 0.60%

ST-55
SW-501 INTK
TC=938.07
FL 15" (W)=934.00

ST-57
SW-501 INTK
TC=938.22
FL 15" (E)=934.22
FL 15" (W)=934.12

ST-60
SW-501 INTK
TC=939.02
FL 15" (E)=935.00
FL 15" (SW)=934.90

INSTALL 45°
WATER MAIN BEND

ST-15
RIM=936.30
FL 36" (SE)=929.46
FL 36" (NW)=929.36

EX 254 LF OF
EX 15" PVC
@ 0.65%

ST-52
SW-503 INTK
TC=937.53
FL 24" (S)=932.61
FL 15" (W)=932.94
FL 24" (N)=932.51

L-54
93 LF OF
24" PIPE
@ 0.40%

L-55
40 LF OF
15" PIPE
@ 2.05%

L-56
79 LF OF
24" PIPE
@ 0.40%

L-57
42 LF OF
15" PIPE
@ 1.24%

ST-59
SW-501 INTK
TC=938.17
FL 15" (NE)=934.27
FL 18" (N)=934.17

L-60
58 LF OF
15" PIPE
@ 1.09%

WATER SERVICE

EX 121 LF OF
36" RCP
@ 0.52%

ST-51
SW-503 INTK
TC=936.48
FL 24" (S)=931.81
FL 18" (E)=931.91
FL 24" (W)=931.71

P-3 (1)
15 LF OF
6" PVC
@ 1.00%

P-3
79 LF OF
6" PVC
@ 1.00%

P-3B
26 LF OF
6" PVC
@ 1.00%

S-3
SW-301 48" MH
RIM=939.19
FL 6" (N)
=930.85

EX ST-12
SW-506 MOD. INTK
TC=935.34
FL 36" (SE)=928.73
FL 30" (NE)=929.13
FL 42" (W)=928.33

L-52
140 LF OF
24" PIPE
@ 0.50%

L-53
30 LF OF
15" PIPE
@ 0.50%

ST-53
SW-512 24" DIA. INTK
TYPE 4 GRATE
TC=935.97
FL 15" (E)=933.09

ST-54
SW-511 INTK
RIM=936.73
FL 24" (S)=933.08
FL 15" (E)=933.18
FL 24" (N)=932.98

L-59
142 LF OF
18" PIPE
@ 0.40%

HYDRANT ASSEMBLY
(TYP.)

INSTALL 45°
WATER MAIN BEND

CURB STOP
(TYP.)

L-32
SLOTTED DRAIN
WITH HEEL GUARD
32 LF

EX 198 LF OF
42" RCP
@ 0.80%

P-1
54 LF OF
6" PVC
@ 1.00%

S-1
SW-301 48" MH
RIM=938.02
FL 6" (S)=926.51
FL 6" (NW)=926.41

P-2
304 LF OF
6" PVC
@ 1.00%

ST-56
SW-511 INTK
RIM=937.15
FL 18" (S)=933.60
FL 15" (E)=933.60
FL 24" (N)=933.40

S-2
SW-301 48" MH
RIM=938.52
FL 6" (S)=929.65
FL 6" (N)=929.55

P-3A
5 LF OF
6" PVC
@ 4.00%

S-3A
SW-203 CLEANOUT
RIM=938.73
FL 6" (E)=930.64

S-3C
SW-203 CLEANOUT
RIM=938.89
FL 6" (NE)=930.84

ELECTRIC
(REFER TO ELECTRICAL PLAN)

SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-UTILITY SHEETS.DWG
PLT. DATE: 10/10/22
PLT. BY: CHRIS CASAULT
DATE PLOTTED: 10/11/2022 4:43 PM
COMMENT:
TIME:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE UTILITY PLAN	SHEET NUMBER C5.1

L-51
193 LF OF
24" PIPE
@ 1.35%

ST-48
SW-401 48" MH
(PED. COVER)
RIM=938.30
FL 15" (W)=934.30

EX 198 LF OF
42" RCP
@ 0.80%

P-EX16
87 LF OF
EX 15" PVC
@ 0.67%

6" PVC
@ 1.00%

EX S-23
SW-303 48" MH
(MAJOR ADJUSTMENT)
EX. RIM=938.30
ADJUST RIM
RIM=938.19
FL 15" (NE)=921.04
FL 15" (SW)=921.04
FL 6" (SE)=925.87
(INSTALL DROP CONNECTION)
FL 6" (SE)=921.66

ST-33
HDPE INTAKE BASIN 24" DIA.
RIM=938.89
FL 12" (S)=934.62

ST-31
HDPE INTAKE BASIN 24" DIA.
RIM=938.96
FL 12" (N)=933.42
FL 6" (E)=935.96
FL 12" (S)=933.32

L-31
24 LF OF
12" HDPE
@ 1.00%

L-33
120 LF OF
12" HDPE
@ 1.00%

TRENCH DRAIN

ST-30
SW-401 48" MH
(PED. COVER)
RIM=939.29
FL 15" (E)=935.29
FL 15" (S)=933.08
FL 12" (N)=933.08
FL 18" (W)=932.98

EX S-EX15
SW-301 48" MH
RIM=936.56 (18" BURY)
RIM=938.50
FL 15" (NE)=920.47
FL 15" (SW)=920.37
(VERIFY)

ST-50
SW-502 60" INTK
TC=935.73
FL 24" (E)=929.10
FL 24" (N)=929.00

L-50
72 LF OF
24" PIPE
@ 1.60%

ST-29
SW-401 48" MH
(BURY RIM 8")
RIM=937.85
FL 18" (E)=932.08
FL 15" (W)=933.60
FL 18" (N)=931.98

L-30
90 LF OF
18" PERFORATED HDPE
@ 1.00%

EX ST-42
SW-404 MH 6'X6' BASE
(MINOR MODIFICATION)
(PED. COVER)
RIM=938.36 (VERIFY)
FL 48" (E)=923.70
FL 48" (W)=923.60
FL 18" (S)=931.90

L-29
8 LF OF
18" HDPE
@ 1.00%

EX ST-11
SW-503 INTK
(MINOR ADJUSTMENT)
TC=933.91 (UAC, VERIFY)
FL 42" (E)=926.75
FL 24" (S)=927.85
FL 42" (W)=926.65

P-EX15
318 LF OF
EX 15" PVC
@ 0.47%

SHEET LEGEND

POD #6

POD #5

L-48
450 LF OF
15" PERFORATED HDPE
@ 0.73%

L-28
402 LF OF
15" PERFORATED HDPE
@ 0.50%

EX 400 LF OF
48" RCP
@ 1.25%

EX 368 LF OF
42" RCP
@ 0.90%

EX S-EX14
SW-301 48" MH
RIM=934.74 (18" BURY)
FL 15" (NE)=918.87
FL 15" (S)=918.67
(VERIFY)

EX S-22
SW-303 48" MH
(MINOR ADJUSTMENT)
(PED. COVER)
RIM=935.93 (VERIFY)
FL 15" (N)=917.17
FL 15" (S)=917.17

P-EX14
221 LF OF
EX 15" PVC
@ 0.55%

ST-25
RIM=928.96
FL 12" (W)=925.84

ST-EX13
RIM=934.28 (18" BURY)
FL 15" (N)=917.46
FL 15" (S)=917.31
(VERIFY)

P-EX13
27 LF OF
EX 15" PVC
@ 0.51%

P-EX12
153 LF OF
EX 15" PVC
@ 0.51%

EX 112 LF OF
12" HDPE
@ 1.00%

EX ST-10
SW-403 6'X6' MH
W/ TYPE 6 GRATE
(MINOR ADJUSTMENT)
RIM=930.63 (UAC, VERIFY)
FL 30" (N)=922.65
FL 42" (E)=923.34
FL 48" (S)=921.45

EX ST-9
SW-403 7'X4' MH
WITH 2 - TYPE R CASTINGS WITH GRATES
(MINOR ADJUSTMENT)
TC=931.54 (UAC, VERIFY)
FL 48" (N)=920.42
FL 48" (S)=920.32
FL 12" (W) = 926.54

ST-47
SW-401 48" MH
(PED. COVER)
RIM=934.99
FL 15" (E)=931.00
FL 18" (S)=930.90

L-47
267 LF OF
18" PERFORATED HDPE
@ 0.50%

ST-45
SW-401 48" MH
(BURY RIM 8")
RIM=934.41
FL 12" (S)=930.21
FL 18" (N)=929.56
FL 18" (W)=921.41

L-46
172 LF OF
12" PERFORATED HDPE
@ 0.50%

ST-46
SW-401 48" MH
(PED. COVER)
RIM=935.07
FL 12" (N)=931.07

L-26
8 LF OF
18" HDPE
@ 1.00%

ST-24
RIM=928.96
FL 30" (N)=923.51
FL 12" (E)=924.72
FL 30" (S)=923.41

EX 76 LF OF
30" RCP
@ 1.00%

EX 108 LF OF
48" RCP
@ 0.95%

L-49
25 LF OF
12" PIPE
@ 2.00%

ST-49
SW-501 INTK
TC=932.58
FL 12" (E)=927.05

EX 326 LF OF
48" RCP
@ 1.00%

L-45
45 LF OF
18" HDPE
@ 2.00%

EX ST-8
SW-403 7'X7' MH
RIM=925.49
FL 48" (N)=913.06
FL 46" (W)=913.66
FL 18" (E)=920.50

EX 36 LF OF
48" RCP
@ 1.00%

EX ST-7
48" RCP APRON
FL 48" (E)=913.30

EX ST-41
SW-404 MH 6'X6' BASE
(MINOR ADJUSTMENT)
(PED. COVER)
RIM=935.52 (UAC, VERIFY)
FL 18" (E)=929.17
FL 46" (W)=914.40

ST-26
SW-401 48" MH
(PED. COVER)
RIM=935.67
FL 15" (S)=929.45
FL 15" (E)=931.59
FL 18" (N)=929.25

EX 86 LF OF
48" RCP
@ 1.25%

EX ST-40
48" RCP APRON
FL 48" (E)=913.30

SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

COMMENT:
DATE PLOTTED: 10/31/2022 4:43 PM
FILE: H:\2022\2202086\LDWG\SITE PLAN\2202086-UTILITY SHEETS.DWG
PLT DATE: 10/10/22
PLOTTED BY: Brian Schulte

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE UTILITY PLAN	SHEET NUMBER C5.2

NE 10TH S

NE HERITAGE DRIVE

SHEET LEGEND

EX ST-62
-506 INTK
TC=942.75
E)=941.92
S)=936.34
W)=935.45
W)=935.24
S)=938.25

ST-41
HDPE INLINE DRAIN 24" DIA.
TYPE 3 GRATE
RIM=941.59
FL 12" (S)=936.46
FL 12" (N)=936.36

L-42
190 LF OF
12" PERFORATED HDPE
@ 0.73%

L-44
143 LF OF
12" PERFORATED HDPE
@ 0.73%

ST-42
HDPE INLINE DRAIN 24" DIA.
TYPE 3 GRATE
RIM=941.59
FL 12" (S)=937.95
FL 12" (N)=937.85

L-43
190 LF OF
12" PERFORATED HDPE
@ 0.73%

ST-43
HDPE INLINE DRAIN 24" DIA.
TYPE 3 GRATE
RIM=941.71
FL 12" (S)=939.44
FL 12" (N)=939.34

P-5
121 LF OF
8" PVC
@ 1.00%

HIGH POINT
RIM=942.24
FL 12" (N)=940.48
FL 12" (S)=940.48

L-23
95 LF OF
12" PERFORATED HDPE
@ 1.16%

L-22
264 LF OF
12" PERFORATED HDPE
@ 1.00%

HDPE INLINE DRAIN 24" DIA.
TYPE 3 GRATE
RIM=942.05
FL 12" (N)=939.38
FL 12" (S)=939.28

ST-35
SW-401 48" MH
(PED. COVER)
RIM=942.41
FL 15" (W)=938.41

EX ST-EX7
EX SW-301 48" MH
(MINOR ADJUSTMENT)
(PED. COVER)
RIM=942.44
FL 8" (E)=928.52
FL 8" (W)=928.41

P-EX7
199 LF OF
EX 8" PVC
@ 0.99%

POD #4

POD #4

POD #3

POD #3

EX ST-EX6
EX SW-301 48" MH
(MINOR ADJUSTMENT)
(PED. COVER)
RIM=941.04
FL 8" (E)=926.43
FL 8" (W)=926.37

P-EX6
238 LF OF
EX 8" PVC
@ 1.08%

ST-30
SW-401 48" MH
(PED. COVER)
RIM=939.29
FL 15" (E)=935.29
FL 15" (S)=933.08
FL 12" (N)=933.08
FL 18" (W)=932.98

L-34
443 LF OF
15" PERFORATED HDPE
@ 0.50%

ST-34
SW-401 48" MH
(PED. COVER)
RIM=939.29
FL 15" (N)=935.29

ST-10
SW-401 48" MH
(PED. COVER)
RIM=939.66
FL 15" (S)=935.66

L-10
396 LF OF
15" PERFORATED HDPE
@ 0.50%

SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-UTILITY SHEETS.DWG
FILE DATE: 10/10/22
PLOT BY: BRIAN SCHULTE
DATE PLOTTED: 10/11/2022 4:44 PM
COMMENT:
DISC:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE UTILITY PLAN	SHEET NUMBER C5.3

ST-30
SW-401 48" MH
(PED. COVER)
RIM=939.29
FL 15" (E)=935.29
FL 15" (S)=933.08
FL 12" (N)=933.08
FL 18" (W)=932.98

L-34
443 LF OF
15" PERFORATED HDPE
@ 0.50%

ST-34
SW-401 48" MH
(PED. COVER)
RIM=939.29
FL 15" (N)=935.29

ST-10
SW-401 48" MH
(PED. COVER)
RIM=939.66
FL 15" (S)=935.66

L-10
396 LF OF
15" PERFORATED HDPE
@ 0.50%

L-30
90 LF OF
18" PERFORATED HDPE
@ 1.00%

EX S-EX5
EX SW-301 48" MH
(MINOR ADJUSTMENT)
(VERIFY RIM, INSTALL PED. COVER)
RIM=939.29
FL 8" (E)=923.81
FL 8" (W)=923.75

SHEET LEGEND

EX ST-42
-404 MH 6'X6' BASE
MINOR MODIFICATION)
(PED. COVER)
RIM=938.36 (VERIFY)
FL 48" (E)=923.70
FL 48" (W)=923.60

ST-27
SW-401 48" MH
(PED. COVER)
RIM=935.67
FL 15" (N)=931.67

ST-8
SW-401 48" MH
(PED. COVER)
RIM=936.03
FL 15" (S)=932.00

L-8
397 LF OF
15" PERFORATED HDPE
@ 0.50%

P-EX4
186 LF OF
EX S-EX4 EX 15" PVC
@ 2.83%

EX SW-301 60" MH
(INSTALL DROP CONNECTION)
RIM=920.35
FL 6" (S)=914.35
FL 24" (N)=907.94
FL 24" (W)=908.09
FL 15" (E)=907.98
FL 6" (S)=909.14 (DROP)

S-4
SW-301 48" MH
RIM=925.10
FL 6" (S)=918.07
FL 6" (N)=917.86

P-4
117 LF OF
6" PVC
@ 3.00%

EX. TEE
(REMOVE)

EX 376 LF OF
EX 8" PVC
@ 2.64%

POD #2

POD #2

SPECIAL FLOOD HAZARD
AREAS REGULATORY
FLOODWAY (TYP.)

SPECIAL FLOOD HAZARD
AREAS ZONE AE (TYP.)

EX. PEDESTRIAN BRIDGE
(PROTECT)

LITTLE BEAVER CREEK TRIBUTARY

DETAIL A-A

EX S-EX11
EX SW-301 48" MH
(MAJOR ADJUSTMENT)
RIM=934.87 (18" BURY)
RIM=929.12
FL 15" (N)=916.39
FL 8" (E)=916.90
FL 15" (S)=916.23

EX S-EX4
EX SW-301 48" MH
(MINOR ADJUSTMENT)
RIM=936.37
(VERIFY, INSTALL PED. COVER)
FL 15" (N)=913.47
FL 8" (E)=913.81
FL 8" (S)=913.89
FL 15" (W)=913.25

EX S-22
SW-303 48" MH
(MINOR ADJUSTMENT)
(PED. COVER)
RIM=935.93 (VERIFY)
FL 15" (N)=917.17
FL 15" (S)=917.17

ST-EX13
M=934.28 (18" BURY)
FL 15" (N)=917.46
FL 15" (S)=917.31
(VERIFY)

P-EX13
27 LF OF
EX 15" PVC
@ 0.51%

P-EX12
153 LF OF
EX 15" PVC
@ 0.51%

L-26.
8 LF OF
18" HDPE
@ 1.00%

L-27
445 LF OF
15" PERFORATED HDPE
@ 0.50%

ST-27
SW-401 48" MH
(PED. COVER)
RIM=935.67
FL 15" (N)=931.67

ST-8
SW-401 48" MH
(PED. COVER)
RIM=936.03
FL 15" (S)=932.00

L-8
397 LF OF
15" PERFORATED HDPE
@ 0.50%

EX ST-41
MH 5'X6' BASE
R ADJUSTMENT)
(PED. COVER)
(UAC, VERIFY)
18" (E)=929.17
48" (W)=914.40

EX 86 LF OF
48" RCP
@ 1.26%

EX ST-40
48" RCP APRON
FL 48" (E)=913.30

ST-26.
SW-401 48" MH
(PED. COVER)
RIM=935.67
FL 15" (S)=929.45
FL 15" (E)=931.59
FL 18" (N)=929.25

REFER TO DETAIL A-A ON THIS SHEET

P-EX4
186 LF OF
EX. 15" PVC
@ 2.83%

EX SW-301 60" MH
(INSTALL DROP CONNECTION)
RIM=920.35
FL 6" (S)=914.35
FL 24" (N)=907.94
FL 24" (W)=908.09
FL 15" (E)=907.98
FL 6" (S)=909.14 (DROP)

EX. TEE
(REMOVE)

P-4
117 LF OF
6" PVC
@ 3.00%

S-4
SW-301 48" MH
RIM=925.10
FL 6" (S)=918.07
FL 6" (N)=917.86

P-5
305 LF OF
6" PVC
@ 2.50%

SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

COMMENT DOC

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-UTILITY SHEETS.DWG
DATE PLOTTED: 10/1/2022 4:44 PM
FILE DATE: 10/10/22
PLOT DATE:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE UTILITY PLAN	SHEET NUMBER C5.4

NE HERITAGE DRIVE

SHEET LEGEND

REMOVE TEMPORARY BLOW OFF HYDRANT & CONNECT WATER MAIN

ST-21
HDPE INTAKE BASIN 24" DIA.
TYPE 3 GRATE
RIM=941.24
FL 12" (N)=936.64
FL 12" (W)=936.54

ST-11
SW-401 48" MH
(PED. COVER)
RIM=942.93
FL 15" (W)=938.93

CRITTICAL CROSSING
BOTTOM OF STORM=937.84
TOP OF WATER=936.34

ST-16
SW-511 INTK
RIM=941.73
FL 12" (S)=937.51
FL 15" (W)=937.41

ST-17
SW-512 24" DIA. INTK
TYPE 3 GRATE
TC=943.90
FL 12" (N)=939.50

L-17
76 LF OF
12" PIPE
@ 2.62%

L-21
347 LF OF
12" PERFORATED HDPE
@ 1.00%

409 LF OF 6"
WATER MAIN

ST-74
RIM=943.16
FL 48" (NE)=935.66
FL 15" (SE)=935.63
FL 48" (W)=932.52
FL 15" (N)=937.74

EX 192 LF OF
48" RCP
@ 1.09%

ST-24
SW-512 24" DIA. INTK
TYPE 3 GRATE
RIM=943.64
FL 12" (S)=939.14

L-24
62 LF OF
12" PIPE
@ 5.00%

L-25
24 LF OF
15" PIPE
@ 5.00%
FL=937.65
(PLUG PIPE)

EX ST-73
SW-403 7'X4' MH
WITH 2 - TYPE R CASTINGS WITH GRATES
(MINOR ADJUSTMENT)
TC=942.01
FL 48" (E)=930.42
FL 48" (W)=930.32
FL 15" (S)=936.43
FL 12" (N)=936.06

EX 160 LF OF
48" RCP
@ 1.10%

POD #3

L-11
456 LF OF
15" PERFORATED HDPE
@ 0.71%

ST-18
HDPE INTAKE BASIN 24" DIA.
TYPE 4 GRATE
TC=937.98
FL 6" (NW)=934.97
FL 12" (E)=933.07
FL 15" (S)=932.96

L-16
195 LF OF
15" PIPE
@ 2.62%

L-19
17 LF OF
6" HDPE
@ 0.50%

ST-19
STORM CLEANOUT
(INSTALL LIGHT
DUTY CASTING)
RIM=939.38
FL 6" (SE)=935.07

ELECTRIC
(REFER TO ELECTRICAL PLAN)

ST-15
SW-401 MOD. 48" MH
W/ TYPE 6 CASTING
RIM=937.96
FL 15" (N)=932.31
FL 15" (E)=932.31
FL 18" (SW)=932.11

L-18
65 LF OF
15" PIPE
@ 1.00%

CRITTICAL CROSSING
BOTTOM OF STORM=931.78
TOP OF WATER=930.28

L-15
109 LF OF
18" PIPE
@ 0.50%

ST-14
SW-401 MOD. 48" MH
W/ TYPE 6 CASTING
RIM=938.00
FL 18" (NE)=931.57
FL 18" (S)=931.48

L-20A
SLOTTED DRAIN WITH
HEEL GUARD
103 LF

P-7B
36 LF OF
6" PVC
@ 1.00%

P-8
17 LF OF
6" PVC
@ 2.00%

65 LF OF 2"
WATER SERVICE

CURB STOP (TYP.)

HYDRANT ASSEMBLY
(TYP.)

L-20
123 LF OF
6" PIPE
@ 0.50%

CRITTICAL CROSSING
BOTTOM OF STORM=935.53
TOP OF WATER=934.03

P-7A
60 LF OF
6" PVC
@ 1.00%

P-9
17 LF OF
6" PVC
@ 4.00%

S-8
SW-203 CLEANOUT
RIM=940.03
FL 6" (N)=932.24

675 LF OF 2"
WATER SERVICE

L-14
75 LF OF
18" PIPE
@ 0.90%

ST-13
SW-511 INTK
TC=937.79
FL 18" (N)=930.80
FL 24" (S)=930.60

L-13
119 LF OF
24" PIPE
@ 0.40%

ST-12
SW-511 INTK
RIM=937.98
FL 24" (N)=930.13
FL 24" (S)=930.03

L-12
74 LF OF
24" PIPE
@ 0.50%

ST-9
SW-401 48" MH
(PED. COVER)
RIM=939.69
FL 15" (E)=935.69
FL 15" (N)=933.68
FL 24" (W)=933.58

P-7
145 LF OF
6" PVC
@ 1.00%

CONNECT SLOTTED DRAIN
& OUTLET TO L-20

ST-20
STORM CLEANOUT
(INSTALL HEAVY
DUTY CASTING)
RIM=939.61
FL 6" (E)=935.67

S-9
SW-203 CLEANOUT
RIM=939.76
FL 6" (N)=931.99

ST-3
SW-401 48" MH
(PED. COVER)
RIM=939.30
FL 15" (W)=934.30

EX ST-72
SW-306 MOD. INTK
(MAJOR MOD.)
(SOLID TOP w/ TYPE F CASTING)
EX TC=936.45
RIM=938.01
FL 48" (E)=928.56
FL 24" (N)=929.87 (PLUG)
FL 48" (W)=928.46

ST-23
SW-403 MOD. (7'x4')
(SINGLE TYPE R CASTING)
(REMOVE 4 FT. OF EX. PIPE)
TC=937.91
FL 48" (E)=927.79 (VERIFY)
FL 48" (W)=927.74 (VERIFY)
FL 24" (N)=929.66

EX 225 LF OF
48" RCP
@ 1.44%

L-3
456 LF OF
15" PERFORATED HDPE
@ 0.50%

SCALE
0' 15' 30' 60'

NO. REVISIONS | DATE | BY

COMMENT:
DESIGNED:
DRAWN:
CHECKED:

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-UTILITY SHEETS.DWG
FILE DATE: 10/10/22
DATE PLOTTED: 10/11/2022 4:44 PM
PLOTTED BY: BEN SCHULTE

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE UTILITY PLAN	SHEET NUMBER C5.5

ST-9
SW-401 48" MH
(PED. COVER)
RIM=939.69
FL 15" (E)=935.69
FL 15" (N)=933.68
FL 24" (W)=933.58

P-7
145 LF OF
6" PVC
@ 1.00%

P-7
145 LF OF
6" PVC
@ 1.00%

S-6
SW-301 48" MH
(PED. COVER)
RIM=938.60
FL 6" (E)=929.85
FL 6" (W)=929.75

675 LF OF 2"
WATER SERVICE

L-9
496 LF OF
24" PERFORATED HDPE
@ 0.50%

POD #1

L-3
456 LF OF
15" PERFORATED HDPE
@ 0.50%

POD #2

P-6
385 LF OF
6" PVC
@ 1.00%

L-7
58 LF OF
24" HDPE
@ 0.50%

ST-4
SW-401 60" MH
(PED. COVER)
RIM=936.17
FL 24" (NW)=929.61
FL 12" (SW)=928.31
FL 24" (S)=929.51

L-6
50 LF OF
SLOTTED DRAIN
WITH HEEL GUARD
@ 0.50%

L-4
395 LF OF
24" PERFORATED HDPE
@ 0.55%

ST-2
SW-401 48" MH
(PED. COVER)
RIM=936.07
FL 24" (N)=927.33
FL 15" (E)=932.02
FL 24" (SE)=927.23

CRITTICAL CROSSING
BOTTOM OF STORM=929.69
TOP OF WATER=928.19

CRITTICAL CROSSING
BOTTOM OF STORM=929.76
TOP OF SANITARY=926.71

ST-7
SW-402 5'X5' MH
(BURY RIM 8")
RIM=935.41
FL 15" (N)=930.01
FL 24" (E)=931.10
FL 24" (SE)=929.90

L-5
27 LF OF
12" HDPE
@ 0.86%

CURB STOP (TYP.)

P-10
20 LF OF
6" PVC
@ 2.00%

ST-5
HDPE INTAKE BASIN 24" DIA.
RIM=936.02
FL 12" (S)=934.09
FL 12" (N)=934.09
FL 12" (NE)=928.54

P-6A
11 LF OF
6" PVC
@ 1.00%

S-4
SW-301 48" MH
RIM=925.10
FL 6" (S)=918.07
FL 6" (N)=917.86

P-5
305 LF OF
6" PVC
@ 2.50%

P-5
305 LF OF
6" PVC
@ 2.50%

S-5
SW-301 48" MH
RIM=935.67
FL 6" (E)=925.79
FL 6" (N)=925.69

S-10
SW-203 CLEANOUT
RIM=936.06
FL 6" (N)=926.30

SHEET LEGEND

EX 67 LF OF
60" RCP
@ 0.64%

EX ST-70
60" RCP APRON
TC=929.58
FL 60" (N)=924.00

EX ST-71
SW-403 7'X7' MH
TC=935.00
FL 48" (E)=925.23
FL 60" (S)=924.43

ST-1
24" CMP APRON
RIM=926.16
FL 24" (NW)=924.00

INTALL 15 TONS
OF CLASS 'E'
RIPRAP

L-2
229 LF OF
24" HDPE
@ 1.41%

SPECIAL FLOOD HAZARD
AREAS ZONE AE (TYP.)

SPECIAL FLOOD HAZARD AREAS
REGULATORY FLOODWAY (TYP.)

SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

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PLOT DATE: 10/10/22
PLOTTED BY: SCHULTZ

COMMENTS

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE UTILITY PLAN	SHEET NUMBER C5.6

LOT 18
LOT 16
LOT 15
LOT 37
LOT 38
LOT 39
LOT 40
LOT 41
LOT 42
LOT 34
LOT 47
LOT 49
LOT 48
LOT 50
LOT 51
LOT 55
LOT 54
LOT 56
LOT 53
LOT 52
LOT 14
LOT 13
LOT 12
LOT 11
LOT 10
LOT 9
LOT 8
LOT 7

NE 10TH STREET
NE HERITAGE DRIVE
NE GATEWAY DR
PRIVATE ROAD
NE 12TH STREET
NE LITTLE BEAVER ST

POD #4
POD #3
POD #6
POD #5
POD #2
POD #1

OUTLOT Z
OUTLOT Z
OWNER:
CITY OF GRIMES

OUTLOT Y
OWNER:
CITY OF GRIMES

EXISTING TREES TO REMAIN

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-LANDSCAPE SHEETS.DWG
DATE PLOTTED: 10/11/2022 4:45 PM
PLOT DATE: 10/10/22
PLOTTED BY: JOSH SCHULTE

COMMENT:

SCALE
0' 50' 100' 200'

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER	2202.086	SHEET TITLE	LANDSCAPE PLAN	SHEET NUMBER	C6.0

NE HERITAGE DRIVE

NE 10

SHEET LEGEND

SOD (TYP)

3" OF SHREDDED HARDWOOD MULCH (TYP)

4" STEEL LANDSCAPE EDGING (TYP)

SEED (TYP 1)

SOD (TYP)

POD #4

SCALE 0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\LDWG\SITE PLAN\2202086-LANDSCAPE SHEETS.DWG
DATE PLOTTED: 10/11/2022 4:45 PM
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DESIGN BY:
DRAWN BY:
CHECKED BY:
COMMENT:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE LANDSCAPE PLAN	SHEET NUMBER C6.1

3" OF SHREDDED HARDWOOD MULCH (TYP)

4" STEEL LANDSCAPE EDGING (TYP)

SOD (TYP)

SEED (TYP 1)

SEED (TYP 3)

POD #5

POD #6

SHEET LEGEND

SCALE 0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

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COMMENT:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE LANDSCAPE PLAN	SHEET NUMBER C6.2

NE HERITAGE DRIVE

NE 107

SHEET LEGEND

SOD (TYP)

POD #4

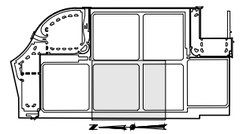
POD #3

SCALE 0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-LANDSCAPE SHEETS.DWG
FILE DATE: 10/10/22
PLOTTED BY: ERIC SCHULTE
DATE PLOTTED: 10/11/2022 4:45 PM
COMMENT:
DESIGN:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE LANDSCAPE PLAN	SHEET NUMBER C6.3



SHEET LEGEND

POD #1

POD #2

POD #5

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-LANDSCAPE SHEETS.DWG
PLT. DATE: 10/20/22
STYLE TABLE: SCHULTE
DATE PLOTTED: 10/11/2022 4:45 PM
COMMENT:
DWG

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE LANDSCAPE PLAN	SHEET NUMBER C6.4

NE HERITAGE DRIVE

SHEET LEGEND

SOD (TYP)

3" OF SHREDDED HARDWOOD MULCH (TYP)

4" STEEL LANDSCAPE EDGING (TYP)

POD #3

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-LANDSCAPE SHEETS.DWG
PLT DATE: 10/10/22
PLOTTED BY: SCHULTE
DATE PLOTTED: 10/11/2022 4:45 PM
COMMENT: DSG

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE LANDSCAPE PLAN	SHEET NUMBER C6.5

POD #1

POD #2

SEED (TYP 3)

SHEET LEGEND

SCALE 0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\LDWG\SITE PLAN\2202086-LANDSCAPE SHEETS.DWG
DATE PLOTTED: 10/11/2022 4:45 PM
DESIGNED: DRAWN: CHECKED: COMMENT:
PLOT SCALE: 1=30'
PLOT DATE: 10/10/22
PLOT BY: CHARLIE

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE LANDSCAPE PLAN	SHEET NUMBER C6.6

OUTLOT Z
OWNER:
CITY OF GRIMES

SHEET LEGEND

SEED (TYP 3)

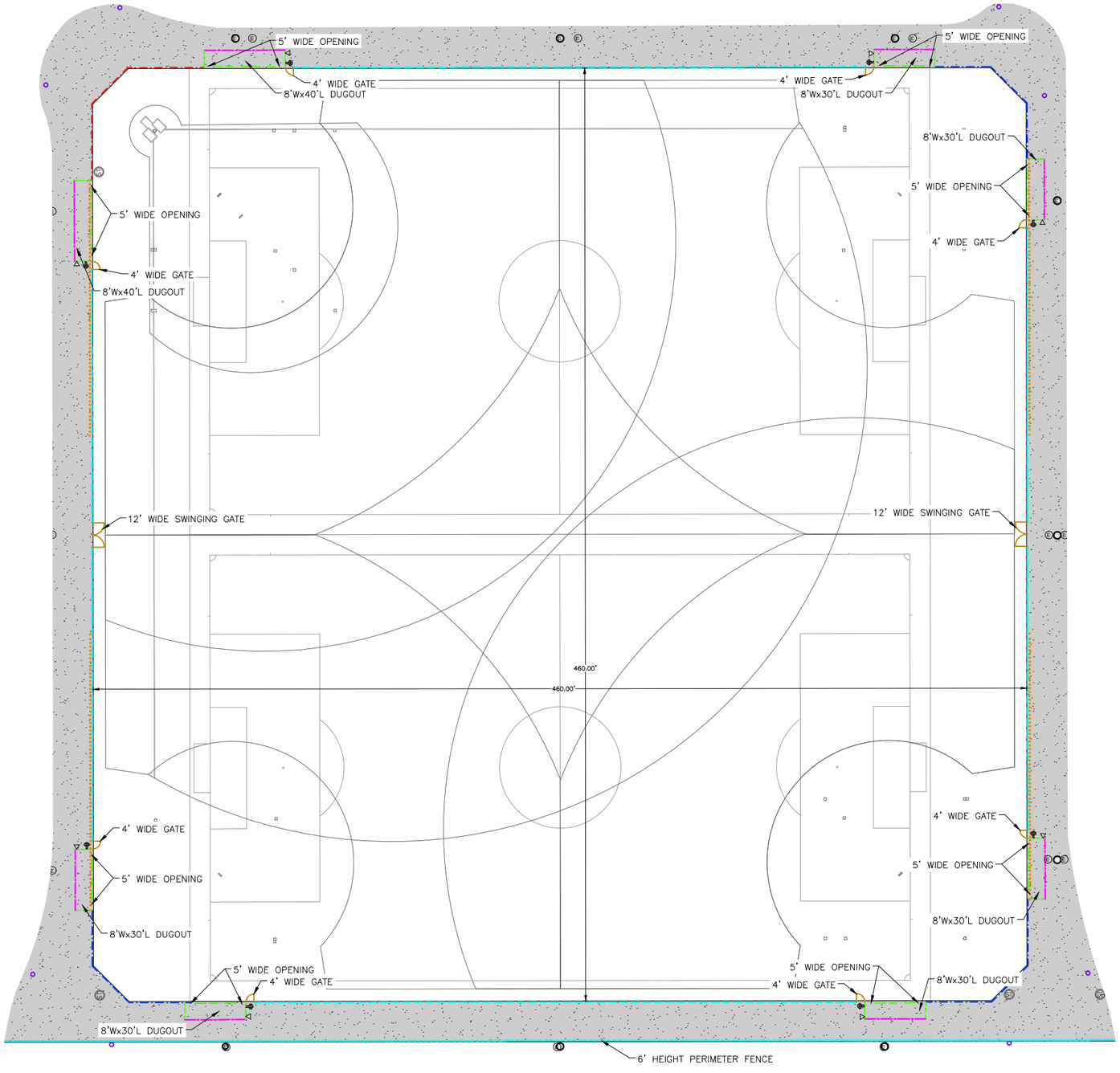
SEED (TYP 3)

SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\LDWG\SITE PLAN\2202086-LANDSCAPE SHEETS.DWG
FILE DATE: 10/10/22
PLOTTED BY: BRIAN SCHULTE
DATE PLOTTED: 10/11/2022 4:45 PM
COMMENT:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE LANDSCAPE PLAN	SHEET NUMBER C6.7



FENCE LEGEND

- 6' CHAIN LINK FENCE
- 8' CHAIN LINK FENCE
- 10' CHAIN LINK FENCE
- 40' BACKSTOP TIE-BACK TENSION NETTING
- 30' BACKSTOP TIE-BACK TENSION NETTING
- BALL CONTROL NETTING
- SWING GATE
- TIE BACK POLES
- FIELD LIGHT POLES (BY OTHERS)

NOTES:
1.) REFER TO MANUFACTURER DRAWINGS AND SPECIFICATIONS FOR ALL FENCE NETTING, GATES AND POLES.

2.) LOCATIONS VARY, REFER TO DIMENSION PLANS.

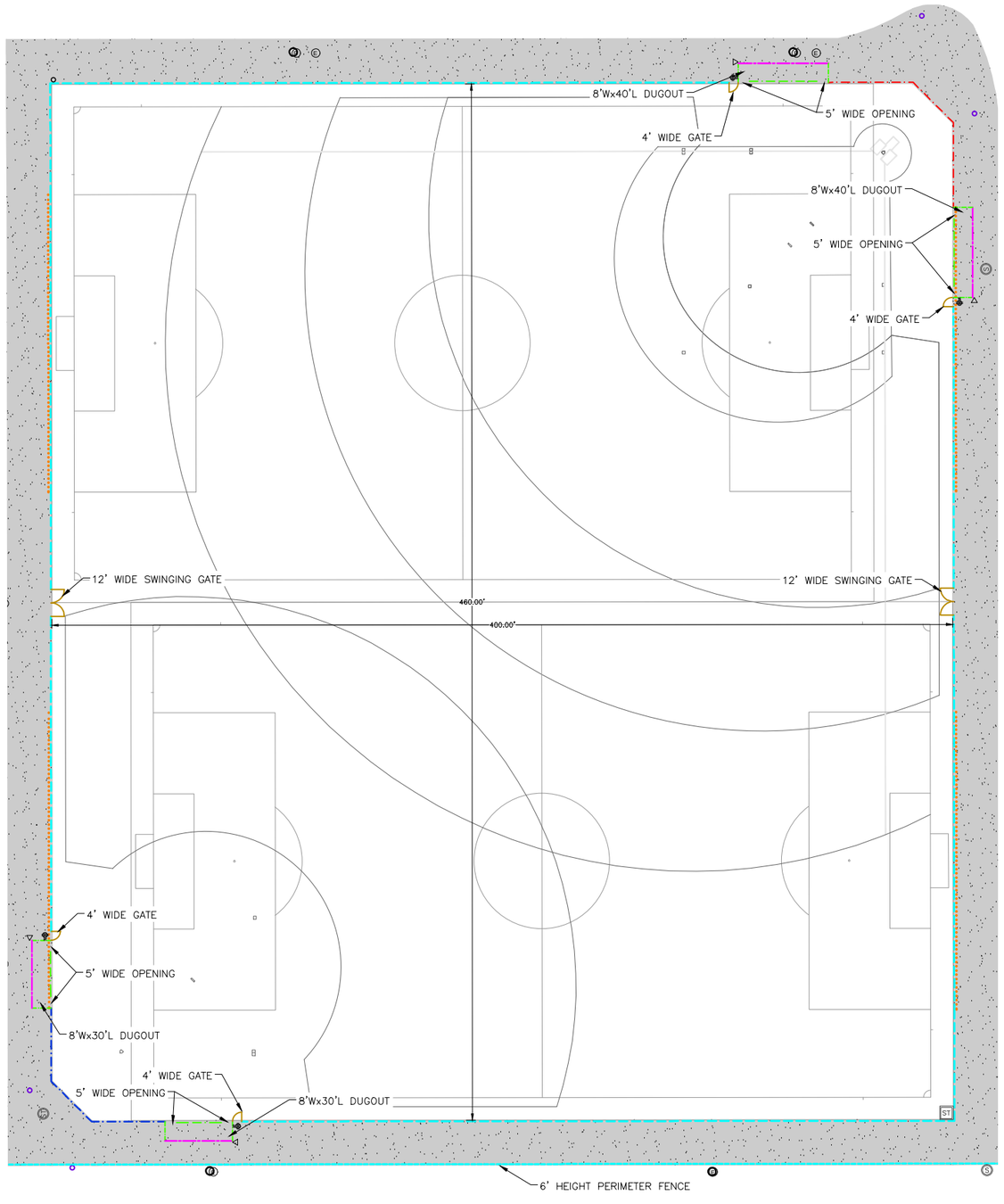
3.) ALL FENCES AND GATES ARE TO BE VINYL COATED CHAIN LINK AND BLACK IN COLOR.

SCALE
0' 15' 30' 60'

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-FIELD FENCE SHEETS.DWG
FILE DATE: 10/11/22
PLOTTED BY: JOE SCHULTE
DATE PLOTTED: 10/11/2022 2:13 PM
COMMENT:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER	2202.086	SHEET TITLE	TYPICAL 460'x460' FIELD FENCING	SHEET NUMBER C7.0



FENCE LEGEND

- 6' CHAIN LINK FENCE
- 8' CHAIN LINK FENCE
- 10' CHAIN LINK FENCE
- 40' BACKSTOP TIE-BACK TENSION NETTING
- 30' BACKSTOP TIE-BACK TENSION NETTING
- BALL CONTROL NETTING
- SWING GATE
- TIE BACK POLES
- FIELD LIGHT POLES (BY OTHERS)

NOTES:
1.) REFER TO MANUFACTURER DRAWINGS AND SPECIFICATIONS FOR ALL FENCE NETTING, GATES AND POLES.

2.) LOCATIONS VARY, REFER TO DIMENSION PLANS.

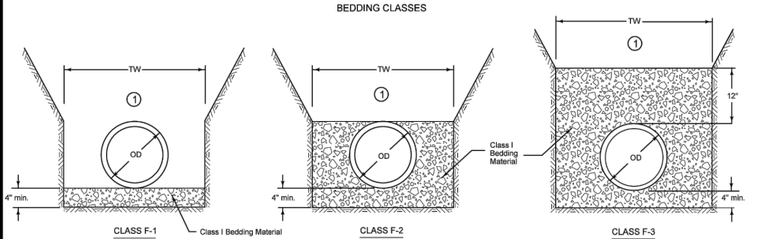
3.) ALL FENCES AND GATES ARE TO BE VINYL COATED CHAIN LINK AND BLACK IN COLOR.

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-FIELD FENCE SHEETS.DWG
FILE DATE: 10/11/22
PLOTTED BY: ERIC SCHULTE
DATE PLOTTED: 10/11/2022 2:13 PM
COMMENT:
DWG

SCALE
0' 15' 30' 60'

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE TYPICAL 460'x400' FIELD FENCING	SHEET NUMBER C7.1



1. Place remainder of bedding and backfill materials as specified in the contract documents.
2. Minimum depth of bury 12 inches or as specified by the manufacturer.

ALLOWABLE BEDDING CLASSES

PIPE MATERIAL	STORM SEWER	SANITARY SEWER
Ductile Iron	F-1, F-2, F-3	F-1, F-2, F-3
HDPE	F-2, F-3	Not allowed
Polypropylene	F-2, F-3	F-3
PVC	F-2, F-3	F-3

Key

OD = Outside diameter of pipe

TW = Trench width at top of pipe:
Min. = OD+18 inches OR 1.25xOD+12 inches
(whichever is greater)

ALLOWABLE BURY DEPTH (2)

PVC PIPE

Pipe Diameter (in)	ASTM D 3034			ASTM F 679	ASTM F 949	ASTM F 1803	ASTM D 2680
	Solid Wall			Solid Wall	Corrug. Exterior	Closed Profile	Composite (Truss Type)
	SDR 23.5	SDR 26	SDR 35	SDR 35			
8	30'	28'	24'	---	24'	---	32'
10	30'	28'	24'	---	24'	---	32'
12	30'	28'	24'	---	24'	---	32'
15	30'	28'	24'	---	24'	---	32'
18	---	---	---	24'	24'	---	---
21	---	---	---	24'	24'	24'	---
24	---	---	---	24'	24'	24'	---
27	---	---	---	24'	---	24'	---
30	---	---	---	24'	24'	24'	---
33	---	---	---	24'	---	---	---
36	---	---	---	24'	24'	24'	---
42	---	---	---	24'	---	24'	---
48	---	---	---	24'	---	24'	---
54	---	---	---	---	---	24'	---
60	---	---	---	---	---	24'	---

DUCTILE IRON, AWWA C151, CLASS 52

Pipe Diameter (in)	Class F-1 Bedding	Class F-2 Bedding	Class F-3 Bedding
4	40'	40'	40'
6	40'	40'	40'
8	40'	40'	40'
10	40'	40'	40'
12	37'	40'	40'
14	31'	40'	40'
16	28'	37'	40'
18	25'	34'	40'
20	23'	32'	40'
24	20'	29'	38'
30	18'	23'	31'
36	18'	22'	30'
42	17'	21'	29'
48	16'	19'	27'
54	16'	19'	27'

HDPE PIPE

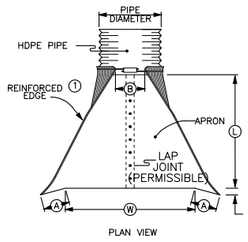
Pipe Diameter (in)	AASHTO M 294
12	8'
15	9'
18	9'
24	9'
30	9'
36	9'
42	8'
48	8'
54	8'
60	8'

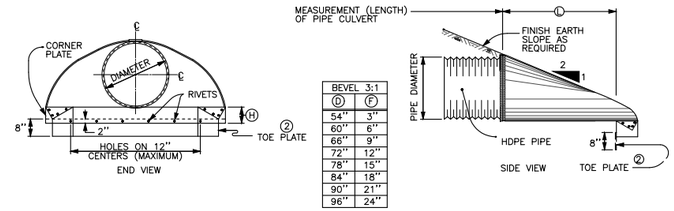
POLYPROPYLENE PIPE

Pipe Diameter (in)	ASTM F 2764
12	24'
15	25'
18	22'
24	20'
30	22'
36	21'
42	22'
48	23'
54	21'
60	21'

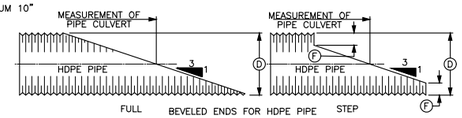
5 SW-103 FLEXIBLE GRAVITY PIPE TRENCH BEDDING
NOT TO SCALE

DIMENSIONS					
PIPE DIAM.	A 1''	B MAX.	H 1''	L 1''	W 2''
15''	6''	8''	6''	26''	30''
18''	7''	9''	6''	31''	36''
21''	8''	11''	6''	36''	42''
24''	9''	12''	6''	42''	48''
30''	12''	15''	7''	52''	60''
36''	14''	18''	9''	63''	72''
42''	16''	21''	10''	73''	84''
48''	18''	27''	12''	84''	90''
54''	18''	30''	12''	84''	102''
60''	18''	33''	12''	87''	114''
66''	18''	36''	12''	87''	120''
72''	18''	39''	12''	87''	126''
78''	18''	42''	12''	87''	132''
84''	18''	45''	12''	87''	138''
90''	24''	37''	11''	87''	144''
96''	25''	35''	12''	87''	150''





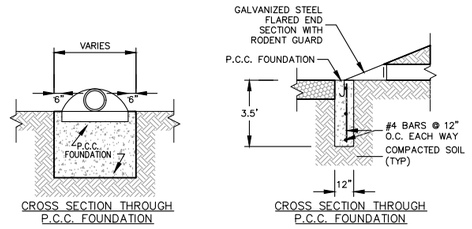
BEVEL 3:1	
D	F
54''	3''
60''	6''
66''	9''
72''	12''
78''	15''
84''	18''
90''	21''
96''	24''



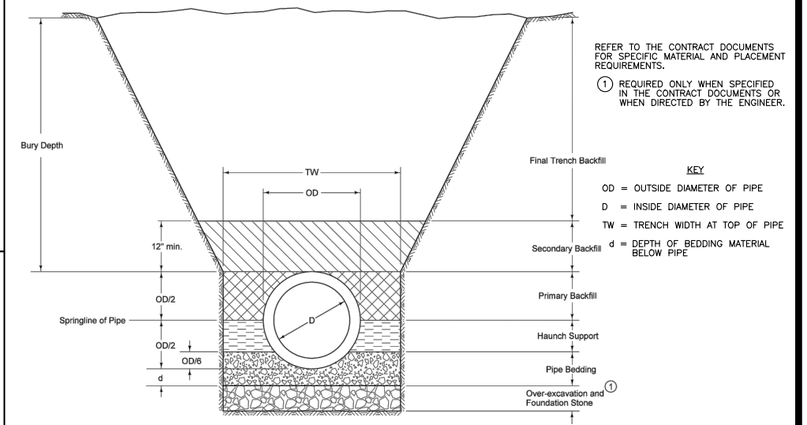
NOTE:
WHEN SPECIFICALLY REQUIRED AS PART OF DETAIL PROJECT PLANS, ENDS OF PIPE CULVERT MAY BE PROVIDED WITH BEVELED ENDS AS SHOWN. EITHER FULL BEVEL OR STEP BEVEL MAY BE USED UNLESS ONE TYPE IS SPECIFIED. UNLESS SPECIFIED OTHERWISE, THE SLOPE OF THE BEVEL SHALL BE 3:1.

BEVELED ENDS WILL NOT BE PAID FOR SEPERATELY BUT, WHEN REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO THE PRICE BID OF THE CULVERT.

1 CORRUGATED METAL PIPE APRON
NOT TO SCALE



4 METAL FLARED END SECTION FOOTING
NOT TO SCALE



REFER TO THE CONTRACT DOCUMENTS FOR SPECIFIC MATERIAL AND PLACEMENT REQUIREMENTS.

(1) REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT DOCUMENTS OR WHEN DIRECTED BY THE ENGINEER.

KEY

OD = OUTSIDE DIAMETER OF PIPE

D = INSIDE DIAMETER OF PIPE

TW = TRENCH WIDTH AT TOP OF PIPE

d = DEPTH OF BEDDING MATERIAL BELOW PIPE

2 SW - 101 TRENCH BEDDING AND BACKFILL ZONES
NOT TO SCALE

ALLOWABLE BURY DEPTH

CLASS III RCP

Pipe Diameter (in)	Class R-1 Bedding	Class R-2 Bedding	Class R-3 & R-4 Bedding		
			No Steel	As=0.4%	As=1.0%
12	7'	10'	15'	19'	27'
15	8'	10'	16'	19'	27'
18	8'	11'	16'	20'	40'
21	8'	11'	18'	26'	40'
24	8'	12'	23'	36'	40'
27	10'	15'	30'	40'	40'
30	11'	15'	29'	40'	40'
33	11'	15'	28'	40'	40'
36	11'	15'	27'	40'	40'
42	11'	15'	26'	38'	40'
48	11'	15'	26'	36'	40'
54	11'	15'	25'	34'	40'
60	11'	15'	25'	33'	40'
66	11'	15'	24'	32'	40'
72	11'	15'	24'	32'	40'

As = Area of Steel Reinforcing

CLASS IV RCP

Pipe Diameter (in)	Class R-1 Bedding	Class R-2 Bedding	Class R-3 & R-4 Bedding		
			No Steel	As=0.4%	As=1.0%
12	12'	15'	23'	28'	40'
15	12'	16'	23'	30'	40'
18	13'	16'	29'	40'	40'
21	13'	18'	40'	40'	40'
24	16'	23'	40'	40'	40'
27	19'	30'	40'	40'	40'
30	19'	29'	40'	40'	40'
33	19'	28'	40'	40'	40'
36	19'	28'	40'	40'	40'
42	18'	27'	40'	40'	40'
48	18'	26'	40'	40'	40'
54	18'	25'	40'	40'	40'
60	18'	25'	40'	40'	40'
66	18'	25'	40'	40'	40'
72	18'	24'	40'	40'	40'

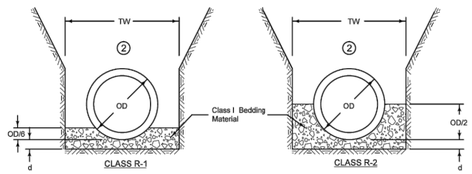
As = Area of Steel Reinforcing

CLASS V RCP

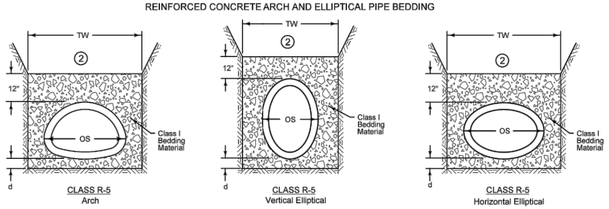
Pipe Diameter (in)	Class R-1 Bedding	Class R-2 Bedding	Class R-3 & R-4 Bedding		
			No Steel	As=0.4%	As=1.0%
12	18'	23'	35'	40'	40'
15	19'	24'	40'	40'	40'
18	19'	30'	40'	40'	40'
21	25'	40'	40'	40'	40'
24	34'	40'	40'	40'	40'
27	40'	40'	40'	40'	40'
30	40'	40'	40'	40'	40'
33	40'	40'	40'	40'	40'
36	40'	40'	40'	40'	40'
42	37'	40'	40'	40'	40'
48	35'	40'	40'	40'	40'
54	33'	40'	40'	40'	40'
60	32'	40'	40'	40'	40'
66	31'	40'	40'	40'	40'
72	31'	40'	40'	40'	40'

As = Area of Steel Reinforcing

RCP AND VCP CIRCULAR PIPE BEDDING (1)



REINFORCED CONCRETE ARCH AND ELLIPTICAL PIPE BEDDING



EXTRA STRENGTH VCP

Pipe Dia. (in)	Bedding Class				
	R-1	R-2	R-3 & R-4		
			No Steel	As=0.4%	As=1.0%
6	25'	30'	30'	30'	30'
8	20'	26'	30'	30'	30'
10	18'	23'	30'	30'	30'
12	16'	20'	30'	30'	30'
15	15'	19'	28'	30'	30'
18	14'	18'	30'	30'	30'
21	15'	22'	30'	30'	30'
24	18'	28'	30'	30'	30'
27	20'	30'	30'	30'	30'
30	19'	29'	30'	30'	30'
33	20'	30'	30'	30'	30'
36	20'	30'	30'	30'	30'
39	19'	29'	30'	30'	30'
42	18'	26'	30'	30'	30'

As = Area of Steel Reinforcing

CONCRETE ARCH PIPE

Pipe Size (in x in)	Equiv. Dia. (in)	Pipe Class	
		A-III	A-IV
18 x 11	15	6'	11'
22 x 13	18	6'	11'
26 x 15	21	6'	13'
29 x 18	24	7'	15'
36 x 22	30	8'	15'
44 x 27	36	8'	14'
51 x 31	42	8'	15'
58 x 36	48	8'	15'
65 x 40	54	8'	15'
73 x 45	60	8'	14'
88 x 54	72	9'	14'

Based on Class R-5 bedding

HORIZONTAL ELLIPTICAL RCP

Pipe Size (in x in)	Equiv. Dia. (in)	Pipe Class	
		HE-III	HE-IV
14 x 23	18	12'	22'
19 x 30	24	15'	29'
22 x 34	27	15'	28'
24 x 38	30	15'	27'
27 x 42	33	15'	27'
29 x 45	36	15'	26'
32 x 49	39	15'	26'
34 x 54	42	15'	25'
38 x 60	48	15'	25'
43 x 68	54	15'	24'
48 x 76	60	15'	24'
53 x 83	66	15'	24'
58 x 91	72	15'	24'
63 x 98	78	15'	23'
68 x 106	84	15'	23'

Based on Class R-5 bedding

VERTICAL ELLIPTICAL RCP

Pipe Size (in x in)	Equiv. Dia. (in)	Pipe Class			
		VE-III	VE-IV	VE-V	VE-VI
23 x 14	18	10'	15'	22'	33'
30 x 19	24	10'	16'	34'	40'
34 x 22	27	11'	20'	40'	40'
38 x 24	30	12'	23'	40'	40'
42 x 27	33	15'	30'	40'	40'
45 x 29	36	15'	29'	40'	40'
49 x 32	39	15'	29'	40'	40'
54 x 34	42	15'	28'	40'	40'
60 x 38	48	15'	27'	40'	40'
68 x 43	54	15'	27'	40'	40'
76 x 48	60	15'	26'	40'	40'
83 x 53	66	15'	25'	40'	40'
91 x 58	72	15'	25'	40'	40'
98 x 63	78	15'	25'	40'	40'
106 x 68	84	15'	24'	40'	40'

Based on Class R-5 bedding

(1) USE BEDDING CLASS R-1 OR R-2 UNLESS SPECIFIED OTHERWISE.

(2) PLACE REMAINDER OF BEDDING AND BACKFILL MATERIALS AS SPECIFIED IN THE CONTRACT DOCUMENTS.

KEY

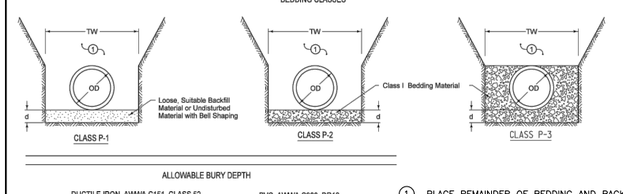
OD = OUTSIDE DIAMETER OF PIPE

OS = OUTSIDE SPAN OF PIPE

TW = TRENCH WIDTH AT TOP OF PIPE:
MIN.=OD+18"
MAX.=1.25xOD+12" OR
54" (WHICHEVER IS GREATER)

d = DEPTH OF BEDDING MATERIAL BELOW PIPE:
OD/8 OR OS/8, OR 4"
(WHICHEVER IS GREATER)

6 SW-102 RIGID GRAVITY PIPE TRENCH BEDDING
NOT TO SCALE



ALLOWABLE BURY DEPTH

DUCTILE IRON, AWWA C151, CLASS 52

Pipe Diameter (inches)	Class P-1 Bedding	Class P-2 Bedding	Class P-3 Bedding
4	40'	40'	40'
6	40'	40'	40'
8	40'	40'	40'
10	36'	40'	40'
12	31'	40'	40'
14	26'	40'	40'
16	23'	37'	40'
18	20'	34'	40'
20	18'	32'	40'
24	16'	29'	38
30	13'	23'	31'
36	13'	22'	30'
42	13'	21'	29'
48	13'	19'	27'
54	13'	19'	27'

PVC, AWWA C900, DR18

Pipe Diameter (inches)	Class P-1 Bedding	Class P-2 Bedding	Class P-3 Bedding
4	19'	23'	40'
6	19'	23'	40'
8	19'	23'	40'
10	19'	23'	40'
12	19'	23'	40'
14	19'	23'	40'
16	19'	23'	40'
18	19'	23'	40'
20	19'	23'	40'
24	19'	23'	40'

(1) PLACE REMAINDER OF BEDDING AND BACKFILL MATERIAL AS SPECIFIED IN THE CONTRACT DOCUMENTS.

KEY

OD = OUTSIDE DIAMETER OF PIPE

TW = TRENCH WIDTH AT TOP OF PIPE:
MIN.=OD/8 OR 4"
(WHICHEVER IS GREATER)

d = DEPTH OF BEDDING MATERIAL BELOW PIPE:
MIN = OD/8 OR 4"
(WHICHEVER IS GREATER)

3 SW-104 PRESSURE PIPE TRENCH BEDDING
NOT TO SCALE

NO.	REVISIONS	DATE	BY

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DATE PLOTTED: 10/11/2022 4:46 PM
PLOT DATE: 10/11/22
PLOTTED BY: JOHN SCHULTE
XREFS:
COMMENT:
DISC

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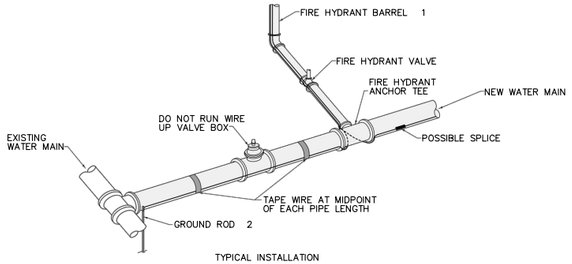
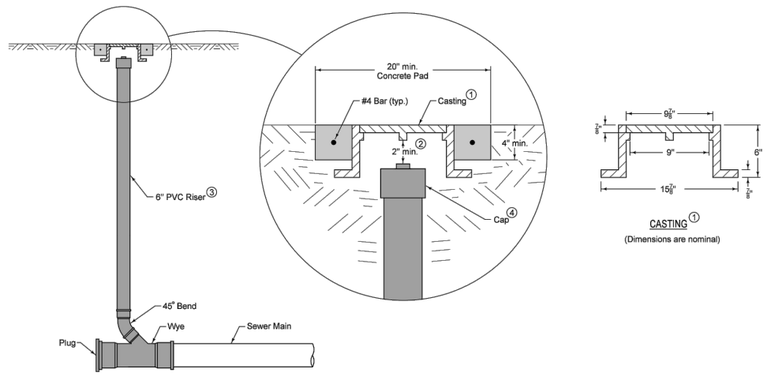


TYPICAL INSTALLATION

1. EXTEND TRACER WIRE UP FIRE HYDRANT BARREL TO INTERNAL TERMINALS OF TRACER WIRE STATION AND BACK DOWN. REFER TO WM-201 FOR DETAILS OF FIRE HYDRANT ASSEMBLY.
2. CLAMP TRACER WIRE TO GROUND ROD AT SYSTEM TERMINATION POINTS.

2 TRACER SYSTEM

NOT TO SCALE



CLEANOUT

USE IN NON-TRAFFIC AREAS.

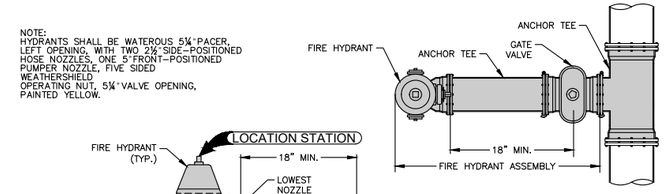
1. STANDARD DUTY CASTING COMPLYING WITH AASHTOM 306. MARK LID WITH "SANITARY" OR "SANITARY C.O."
2. DO NOT ALLOW CASTING TO BEAR ON TOP OF RISER PIPE
3. 6" PVC SERVICE PIPE
4. THREADED PVC CAP OR IRON BODY FERRULE WITH BRASS SCREW PLUG

CASTING 1
(Dimensions are nominal)

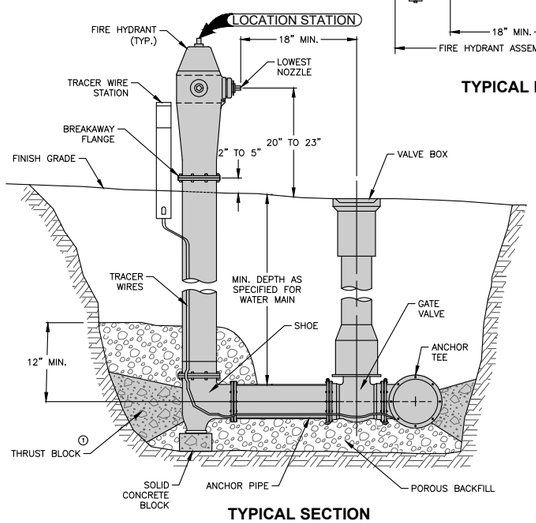
3 SW-203 SANITARY CLEANOUT

NOT TO SCALE

NOTE:
HYDRANTS SHALL BE WATEROUS 5¼"PACER, LEFT OPENING, WITH TWO 2½" SIDE-POSITIONED HOSE NOZZLES, ONE 5" FRONT-POSITIONED PUMPER NOZZLE, FIVE SIDED WEATHERSHIELD OPERATING NUT, 5¼" VALVE OPENING, PAINTED YELLOW.



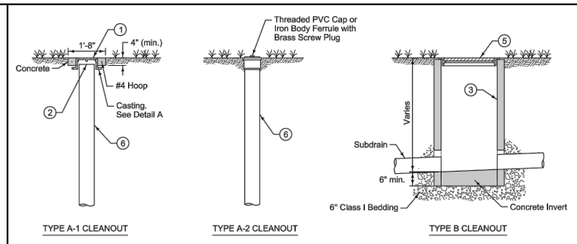
TYPICAL PLAN



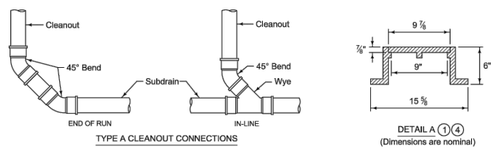
TYPICAL SECTION

5 FIRE HYDRANT ASSEMBLY

NOT TO SCALE



TYPE A-1 CLEANOUT | TYPE A-2 CLEANOUT | TYPE B CLEANOUT



TYPE A CLEANOUT CONNECTIONS

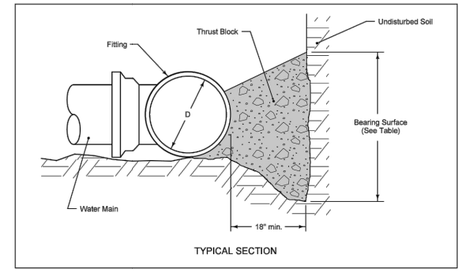
DETAIL A 1 4
(Dimensions are nominal)

USE IN NON-TRAFFIC AREAS.

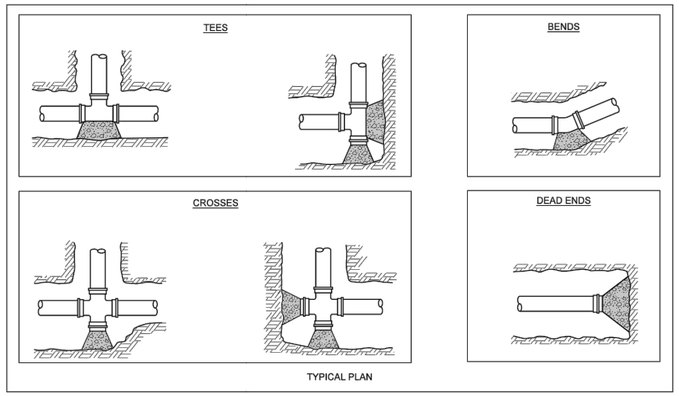
1. LIGHT DUTY CASTING. LABEL LID WITH "STORM" OR "STORM C.O."
2. DO NOT ALLOW CASTING TO BEAR ON TOP OF RISER PIPE; PROVIDE 2" CLEARANCE, MINIMUM.
3. A MANUFACTURED CLEANOUT MAY BE USED IN LIEU OF A TYPE B CLEANOUT, IF APPROVED BY THE ENGINEER.
4. DESIGN IS INTENDED FOR USE IN CONJUNCTION WITH 8" PVC RISER PIPE. OTHER SIEZED CAPS MAY BE USED WITH SMALLER PIPE, AS APPROVED BY THE ENGINEER.
5. PROVIDE TYPE G CASTING, AS REQUIRED TO FIT PIPE SIZE.
6. PVC RISER PIPE; MATCH DIAMETER OF SUBDRAIN (8" MAXIMUM)

4 SUBDRAIN CLEANOUTS

NOT TO SCALE



TYPICAL SECTION



TYPICAL PLAN

Extend thrust blocks to undisturbed soil. Excavation into trench wall may be necessary.

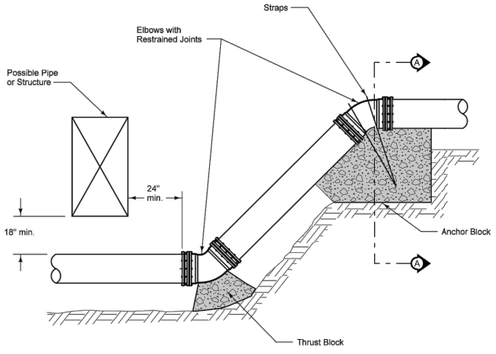
Form vertical surfaces of poured concrete thrust blocks except on bearing surface.

Encase all fittings in polyethylene wrap. Do not allow concrete to directly contact joints or fitting bolts.

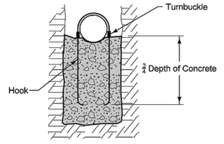
Diameter of Pipe, D (inches)	MINIMUM BEARING SURFACE (sf)				
	Bends				Tees and Dead Ends
	11¼°	22½°	45°	90°	
4	1	1	2	4	3
6	1	2	4	8	6
8	2	4	7	14	10
10	3	6	11	21	15
12	4	8	16	29	21
14	5	11	21	39	28
16	7	14	27	50	36
18	9	17	34	63	45
20	11	21	42	78	55
24	15	31	60	111	78
30	24	47	92	171	120
36	34	67	132	244	173

Minimum surface area based on water pressure of 150 psi and allowable soil pressure of 1,000 psf.

CHANGES IN PIPE DEPTH



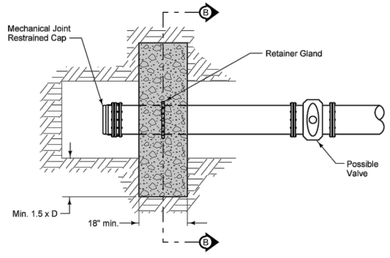
ELEVATION



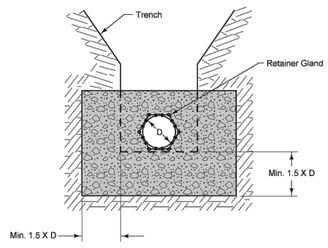
SECTION A-A

DEAD ENDS (ALTERNATE METHOD)

Use only when allowed by the Engineer, or when specified in the contract documents.



PLAN



SECTION B-B

1 THRUST BLOCKS

NOT TO SCALE

NO.	REVISIONS	DATE	BY

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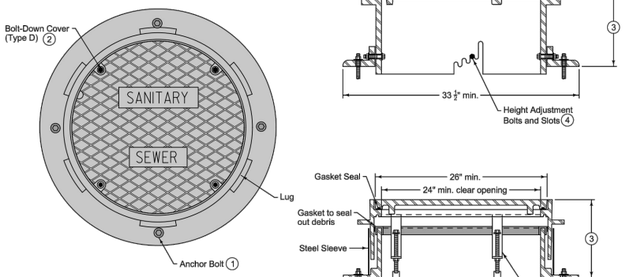
FILE DATE: 10/11/22
PLOTTED BY: ERIC.PRICE
DATE PLOTTED: 10/11/2022 4:46 PM
COMMENT: DSG

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DETAILS	SHEET NUMBER C8.1

TYPE B: PCC
Three-piece floating casting for use in PCC paving and PCC boxouts

TYPE D: PCC
Three-piece floating casting with bolt-down cover for use in PCC paving and PCC boxouts

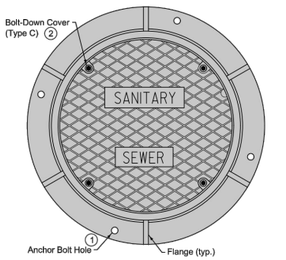


PLAN

TYPICAL SECTION (5)

TYPE A
Two-piece fixed casting

TYPE C
Two-piece fixed casting with bolt-down cover (2)

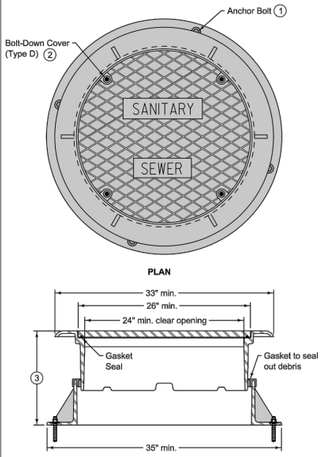


PLAN

TYPICAL SECTION

TYPE B: HMA
Three-piece floating casting for use in HMA paving

TYPE D: HMA
Three-piece floating casting with bolt-down cover for use in HMA paving (2)



PLAN

TYPICAL SECTION

FRAME NOTES:
SIZE, SPACING, AND NUMBER OF LUGS AND FLANGES MAY VARY.

COVER NOTES:
ROUGHNESS PATTERN AND TEXT STYLE MAY VARY. MINIMUM ONE CONCEALED PICKHOLE

(1) ANCHOR THE LOWER FRAME OF ALL THREE-PIECE CASTINGS TO THE MANHOLE STRUCTURE. WHEN SPECIFIED IN THE CONTRACT DOCUMENTS, ANCHOR THE FRAME OF TWO-PIECE CASTINGS TO THE MANHOLE STRUCTURE. IF CASTING FRAME DOES NOT INCLUDE ANCHOR HOLES OR SLOTS, DRILL FOUR 7/8" DIAMETER HOLES, EQUALLY SPACED AROUND THE FRAME.

(2) IF SPECIFIED, FURNISH BOLT DOWN FRAME AND COVER WITH FOUR 1/2" MINIMUM DIAMETER STAINLESS STEEL, HEX NUT, RECESSED CAP SCREWS. SECURE COVER WITH SCREWS, WASHERS, AND RUBBER GASKET SEALS.

(3) CASTING HEIGHT VARIES. MINIMUM ADJUSTMENT RANGE OF 4 INCHES.

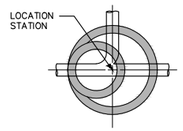
(4) SET CASTING AT PROPER GRADE USING THE ADJUSTMENT SLOTS OR ADJUSTMENT MECHANISM. REMOVE BOLTS OR MECHANISM UPON COMPLETION OF PAVING.

(5) HEIGHT ADJUSTMENT METHOD MAY VARY; TWO OPTIONS ARE SHOWN.

3 SW-601 SANITARY SEWER MANHOLE
NOT TO SCALE

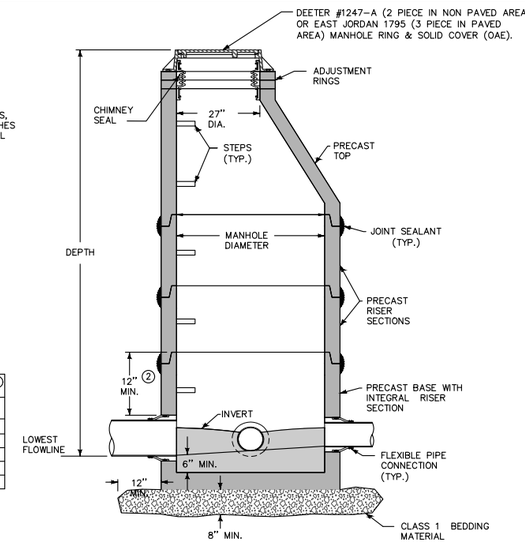
(1) FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES OF CONCRETE BETWEEN VERTICAL EDGES OF PIPE OPENINGS.

(2) 12 INCH MINIMUM RISER HEIGHT ABOVE ALL PIPE OPENINGS.



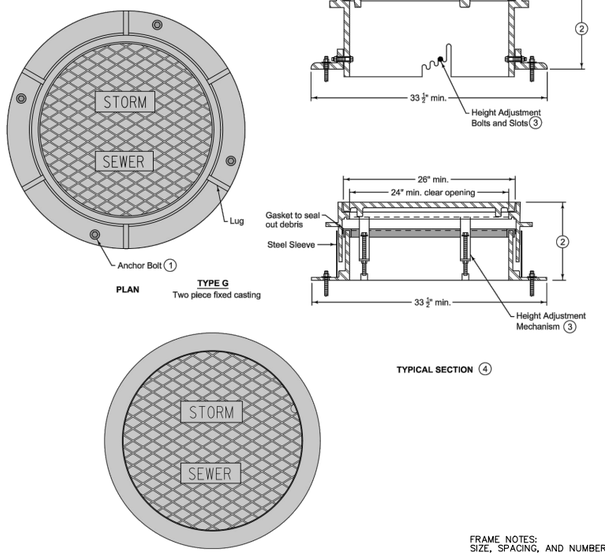
PLAN

MANHOLE DIAMETER (INCHES)	MAXIMUM PIPE DIAMETER (INCHES) FOR 2 PIPES (1)	
	AT 180° SEPARATION	AT 90° SEPARATION
48	24	18
60	36	24
72	42	30
84	48	36
96	60	42



1 SW-301 MANHOLE
NOT TO SCALE

TYPE F: PCC
Three-piece floating casting for use in PCC paving and PCC boxouts

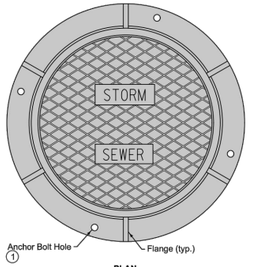


PLAN

TYPE G
Two piece fixed casting

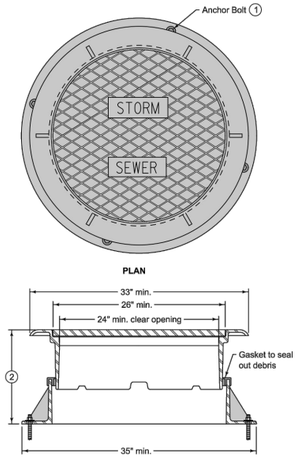
TYPICAL SECTION (4)

TYPE E
Two-piece fixed casting



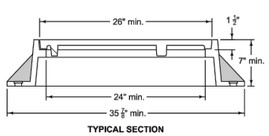
PLAN

TYPE F: HMA
Three-piece floating casting for use in HMA paving

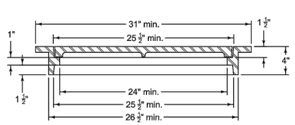


PLAN

TYPICAL SECTION



TYPICAL SECTION



TYPICAL SECTION

FRAME NOTES:
SIZE, SPACING, AND NUMBER OF LUGS AND FLANGES MAY VARY.

COVER NOTES:
ROUGHNESS PATTERN AND TEXT STYLE MAY VARY. MINIMUM ONE PICKHOLE

(1) ANCHOR THE LOWER FRAME OF ALL THREE-PIECE CASTINGS TO THE MANHOLE STRUCTURE. WHEN SPECIFIED IN THE CONTRACT DOCUMENTS, ANCHOR THE FRAME OF TWO-PIECE CASTINGS TO THE MANHOLE STRUCTURE. IF CASTING FRAME DOES NOT INCLUDE ANCHOR HOLES OR SLOTS, DRILL FOUR 7/8" DIAMETER HOLES, EQUALLY SPACED AROUND THE FRAME.

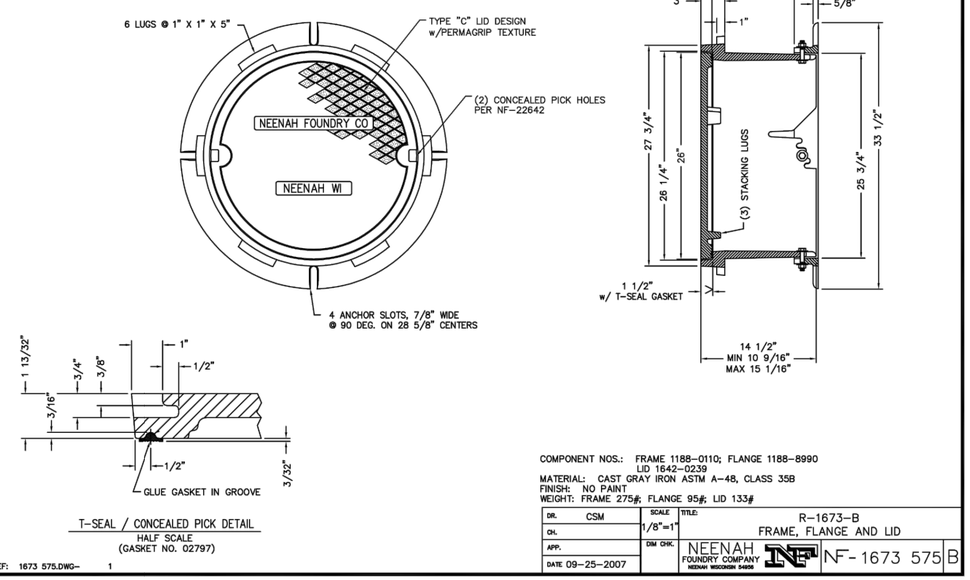
(2) CASTING HEIGHT VARIES. MINIMUM ADJUSTMENT RANGE OF 4 INCHES.

(3) SET CASTING AT PROPER GRADE USING THE ADJUSTMENT SLOTS OR ADJUSTMENT MECHANISM. REMOVE BOLTS OR MECHANISM UPON COMPLETION OF PAVING.

(4) HEIGHT ADJUSTMENT METHOD MAY VARY; TWO OPTIONS ARE SHOWN.

4 SW-602 STORM SEWER MANHOLE
NOT TO SCALE

OR APPROVED EQUAL



T-SEAL / CONCEALED PICK DETAIL
HALF SCALE
(GASKET NO. 02797)

CAD DWG. REF: 1673 575.DWG-- 1

COMPONENT NOS.: FRAME 1188-0110; FLANGE 1188-8990
LID 1642-0239
MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B
FINISH: NO PAINT
WEIGHT: FRAME 275#; FLANGE 95#; LID 133#

DR. CSM	SCALE 1/8"=1"	TITLE: R-1673-B FRAME, FLANGE AND LID	
CH.			
APP.	DIM CHK.	NEENAH FOUNDRY COMPANY NEENAH WISCONSIN 54956	NF-1673 575 B
DATE 09-25-2007			

2 SW-401 MANHOLE PEDESTRIAN COVER
NOT TO SCALE

NO.	REVISIONS	DATE	BY

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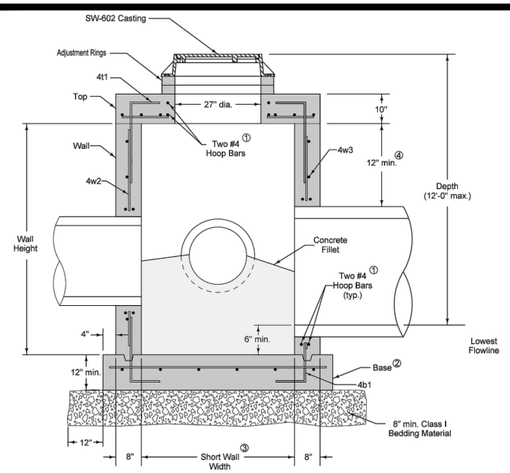
FILE DATE: 10/11/22
PLOTTED BY: ERIC SCHULTE
DATE PLOTTED: 10/11/2022 4:46 PM
COMMENT:
DWG:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DETAILS	SHEET NUMBER C8.2



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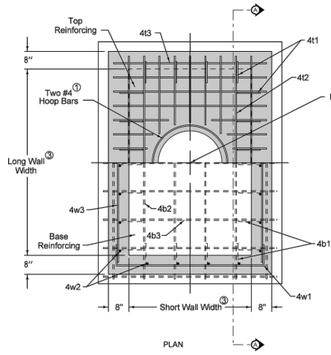
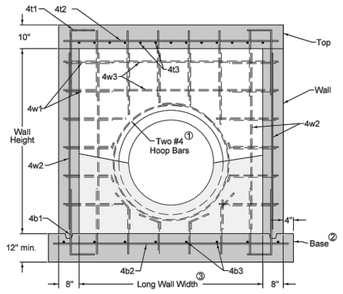




SECTION A-A

ADJACENT WALLS MAY HAVE DIFFERENT WIDTHS BASED UPON PIPE CONFIGURATION, BUT STRUCTURE MUST BE RECTANGULAR.

① PROVIDE TWO #4 HOOP BARS AT TOP OPENING AND AT ALL PIPE OPENINGS.

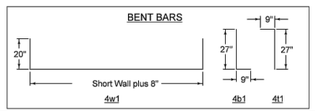
② CAST-IN-PLACE BASE SHOWN. IF BASE IS PRECAST INTEGRAL WITH WALLS, THE FOOTPRINT OF THE BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE WALLS.

③ WALL WIDTHS VARY WITH PIPE DIAMETER AND RANGE FROM 4 FEET MINIMUM TO 9 FEET MAXIMUM. PROVIDE 12 INCHES OF WALL WIDTH (MINIMUM) EACH SIDE OF PIPE OPENING.

④ 12 INCH MINIMUM WALL HEIGHT ABOVE ALL PIPES.

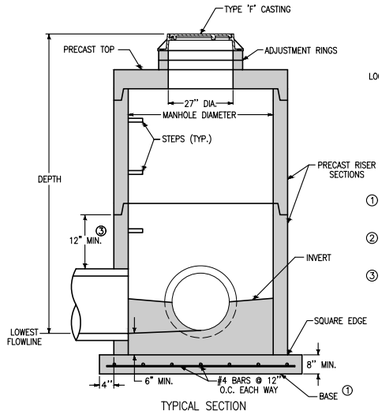
REINFORCING BAR LIST					
Mark	Size	Location	Shape	Length	Spacing
4t1	4	Top	⌐¬	36"	12"
4t2	4	Top	—	Long Wall plus 12"	6"
4t3	4	Top	—	Short Wall plus 12"	6"
4b1	4	Base	⌊⌋	36"	12"
4b2	4	Base	—	Long Wall plus 18"	12"
4b3	4	Base	—	Short Wall plus 18"	12"
4w1	4	Walls	⌐¬	Short Wall plus 48"	12"
4w2	4	Walls	—	Wall Height minus 4"	12"
4w3	4	Walls	—	Long Wall plus 12"	12"

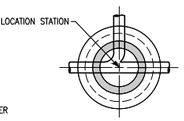
BENT BARS



4 SW-403 DEEP WELL RECTANGULAR STORM SEWER MANHOLE

NOT TO SCALE





① CAST-IN-PLACE BASE SHOWN. IF BASE IS PRECAST INTEGRAL WITH BOTTOM RISER, THE FOOTPRINT OF THE BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE RISER.

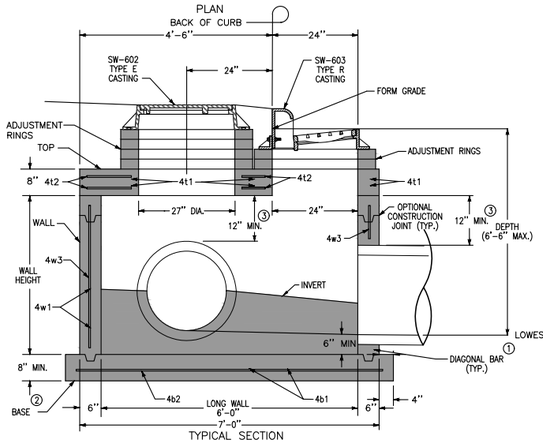
② FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES OF CONCRETE BETWEEN VERTICAL EDGES OF PIPE OPENINGS.

③ 12 INCH MINIMUM RISER HEIGHT ABOVE ALL PIPE OPENINGS.

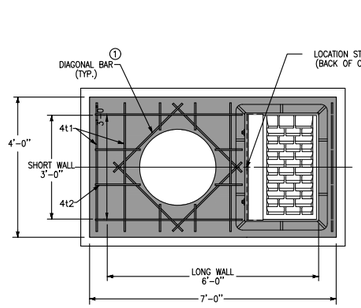
MANHOLE DIAMETER (INCHES)	MAXIMUM PIPE DIAMETER ② (INCHES) FOR 2 PIPES	
	AT 180° SEPARATION	AT 90° SEPARATION
48	24	18
60	36	24
72	42	30
84	48	36
96	60	42

1 SW-401 STORM SEWER MANHOLE

NOT TO SCALE



TYPICAL SECTION



① INSTALL FOUR #4 DIAGONAL BARS AT MANHOLE OPENING AND AT ALL PIPE OPENINGS.

REFER TO SW-514 FOR BOXOUT DETAILS.

① INSTALL FOUR #4 DIAGONAL BARS AT MANHOLE OPENING AND AT ALL PIPE OPENINGS.

② CAST-IN-PLACE BASE SHOWN. IF BASE IS PRECAST INTEGRAL WITH WALLS, THE FOOTPRINT OF THE BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE WALLS.

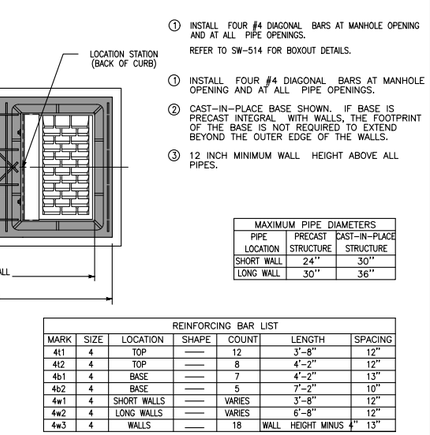
③ 12 INCH MINIMUM WALL HEIGHT ABOVE ALL PIPES.

MAXIMUM PIPE DIAMETERS		
PIPE LOCATION	PRECAST STRUCTURE	CAST-IN-PLACE STRUCTURE
SHORT WALL	24"	30"
LONG WALL	30"	36"

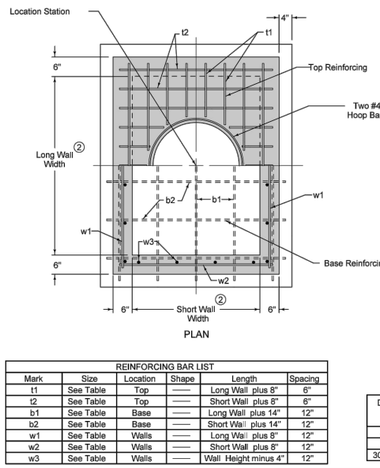
REINFORCING BAR LIST						
MARK	SIZE	LOCATION	SHAPE	COUNT	LENGTH	SPACING
4t1	4	TOP	——	12	3'-8"	12"
4t2	4	TOP	——	8	4'-2"	12"
4b1	4	BASE	——	7	4'-2"	13"
4b2	4	BASE	——	5	7'-2"	10"
4w1	4	SHORT WALLS	——	VARIES	3'-8"	12"
4w2	4	LONG WALLS	——	VARIES	6'-8"	12"
4w3	4	WALLS	——	18	WALL HEIGHT MINUS 4"	13"

5 SW-503 SINGLE GRATE INTAKE WITH MANHOLE

NOT TO SCALE



TYPICAL SECTION



ADJACENT WALLS MAY HAVE DIFFERENT WIDTHS BASED UPON PIPE CONFIGURATION, BUT STRUCTURE MUST BE RECTANGULAR.

① CAST-IN-PLACE BASE SHOWN. IF BASE IS PRECAST INTEGRAL WITH WALLS, THE FOOTPRINT OF THE BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE WALLS.

② WALL WIDTHS VARY WITH PIPE DIAMETER AND RANGE FROM 40" MINIMUM TO 77" MAXIMUM. PROVIDE 6" OF WALL WIDTH (MINIMUM) EACH SIDE OF PIPE OPENING.

③ PROVIDE TWO #4 HOOP BARS AT TOP OPENING AND AT ALL PIPE OPENINGS.

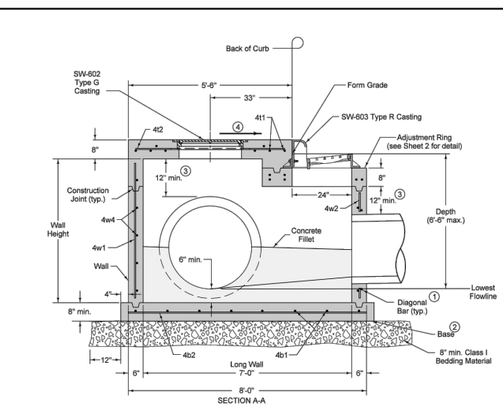
④ 12 INCH MINIMUM WALL HEIGHT ABOVE ALL PIPES.

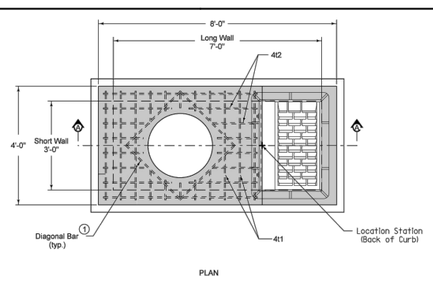
REINFORCING BAR LIST					
Mark	Size	Location	Shape	Length	Spacing
t1	See Table	Top	——	Long Wall plus 8"	6"
t2	See Table	Top	——	Short Wall plus 8"	6"
b1	See Table	Base	——	Long Wall plus 14"	12"
b2	See Table	Base	——	Short Wall plus 14"	12"
w1	See Table	Walls	——	Long Wall plus 8"	12"
w2	See Table	Walls	——	Short Wall plus 8"	12"
w3	See Table	Walls	——	Wall Height minus 4"	12"

Diameter of Largest Pipe, D	Minimum Bar Size
48" or 54"	6
33" to 42"	5
30" or smaller	4

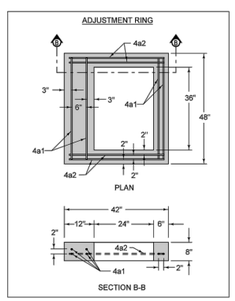
2 SW-402 RECTANGULAR STORM SEWER MANHOLE

NOT TO SCALE





REINFORCING BAR LIST						
Mark	Size	Location	Shape	Count	Length	Spacing
4t1	4	Top	——	11	3'-8"	6"
4t2	4	Top	——	8	5'-2"	6"
4b1	4	Base	——	8	4'-2"	13"
4b2	4	Base	——	5	6'-2"	10"
4a1	4	Adj. Ring	——	6	3'-8"	See Adj. Ring Plan
4a2	4	Adj. Ring	——	4	3'-2"	See Adj. Ring Plan
4w1	4	Walls	——	13	Wall Height minus 4"	12"
4w2	4	Walls	——	11	Wall Height minus 10"	12"
4w3	4	Long Walls	——	Varies	7'-8"	12"
4w4	4	Short Walls	——	Varies	3'-8"	12"



REFER TO SW-514 FOR BOXOUT DETAILS

① INSTALL FOUR #4 DIAGONAL BARS AT MANHOLE OPENING AND AT ALL PIPE OPENINGS.

② CAST-IN-PLACE BASE SHOWN. IF BASE IS PRECAST INTEGRAL WITH WALLS, THE FOOTPRINT OF THE BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE WALLS.

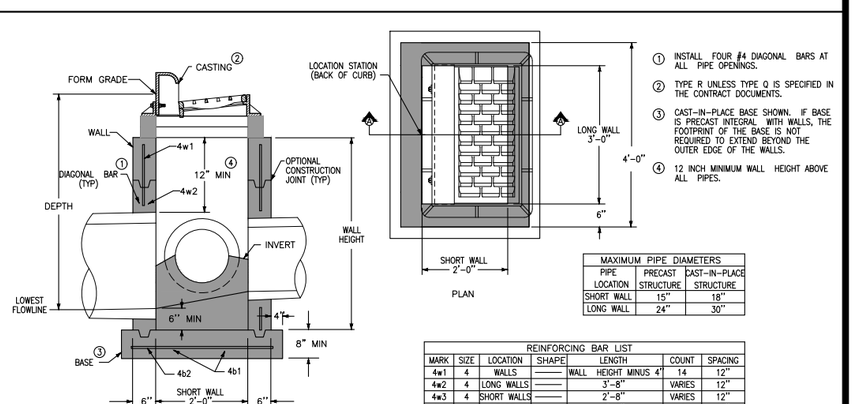
③ 12" MINIMUM WALL HEIGHT ABOVE ALL PIPES.

④ SLOPE OF 1.5% OR AS SPECIFIED IN THE CONTRACT DOCUMENTS.

MAXIMUM PIPE DIAMETERS		
Pipe Location	Precast Structure	Cast-in-place Structure
Short Wall	18"	24"
Long Wall	30"	36"

6 SW-504 SINGLE GRATE INTAKE WITH FLUSH TOP MANHOLE

NOT TO SCALE



① INSTALL FOUR #4 DIAGONAL BARS AT ALL PIPE OPENINGS.

② TYPE R UNLESS TYPE Q IS SPECIFIED IN THE CONTRACT DOCUMENTS.

③ CAST-IN-PLACE BASE SHOWN. IF BASE IS PRECAST INTEGRAL WITH WALLS, THE FOOTPRINT OF THE BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE WALLS.

④ 12 INCH MINIMUM WALL HEIGHT ABOVE ALL PIPES.

MAXIMUM PIPE DIAMETERS		
PIPE LOCATION	PRECAST STRUCTURE	CAST-IN-PLACE STRUCTURE
SHORT WALL	15"	18"
LONG WALL	24"	30"

REINFORCING BAR LIST						
MARK	SIZE	LOCATION	SHAPE	LENGTH	COUNT	SPACING
4w1	4	WALLS	——	WALL HEIGHT MINUS 4"	14	12"
4w2	4	LONG WALLS	——	3'-8"	VARIES	12"
4w3	4	SHORT WALLS	——	2'-8"	VARIES	12"
4b1	4	BASE	——	4'-2"	4	10"
4b2	4	BASE	——	3'-2"	5	10"

3 SW-501 INTAKE

NOT TO SCALE

NO.	REVISIONS	DATE	BY

COMMENT:
ENG:

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FILE DATE: 10/11/22
CONTRIB. ERS: ERS, BSH, TT
DATE PLOTTED: 10/11/2022 4:46 PM
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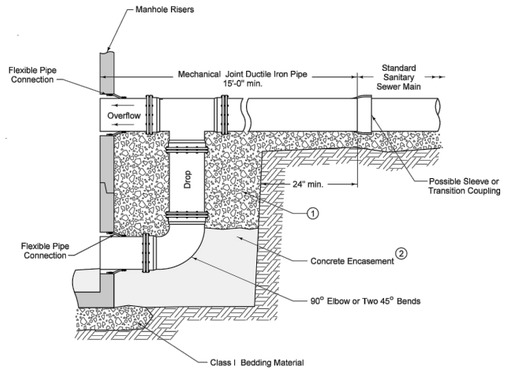
DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DETAILS	SHEET NUMBER C8.3

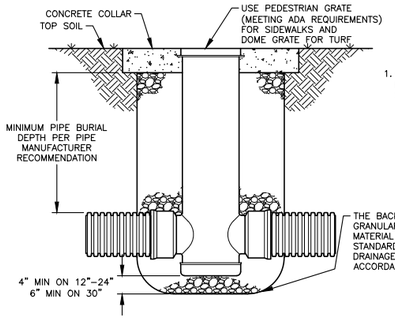


CONSTRUCT DROP AND OVERFLOW FROM DUCTILE IRON PIPE OF SAME DIAMETER SPECIFIED FOR SEWER MAIN. PROVIDE MECHANICAL JOINTS FOR ALL DUCTILE IRON PIPE AND FITTINGS.

① PLACE CLASS I BEDDING MATERIAL, CLSM, FLOWABLE MORTAR, OR CONCRETE FROM TOP OF ELBOW TO BOTTOM OF SEWER MAIN.

② ENCASE ELBOW IN CONCRETE. 12" MINIMUM ON ALL SIDES.

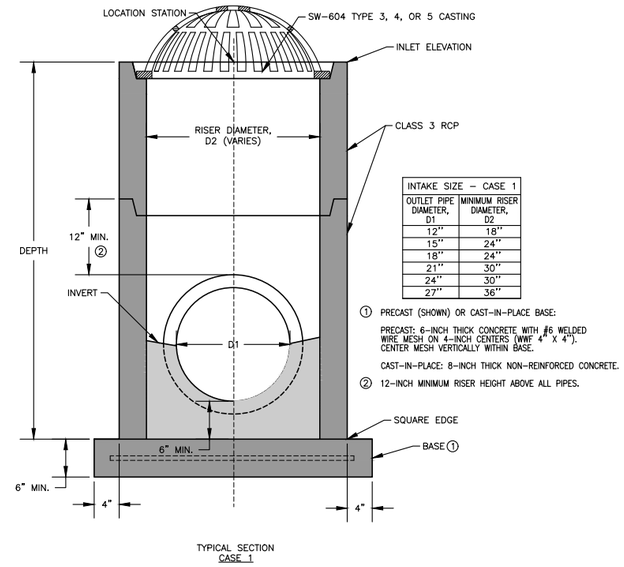
5 SW-307 EXTERNAL DROP CONNECTION FOR SANITARY SEWER MANHOLE
NOT TO SCALE



1. GRATES/SOLID COVERS SHALL MEET H-20 LOAD RATING FOR 30" PEDESTRIAN & 12" – 30" STANDARD & SOLID

THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS II MATERIAL AS DEFINED IN ASTM D2321, OR AS DETERMINED BY LOCAL STANDARDS & SITE ENGINEER. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

6 HDPE INTAKE
NOT TO SCALE



TYPICAL SECTION
CASE 1

INTAKE SIZE – CASE 1	
OUTLET PIPE DIAMETER, D1	MINIMUM RISER DIAMETER, D2
12"	18"
15"	24"
18"	24"
21"	30"
24"	30"
27"	36"

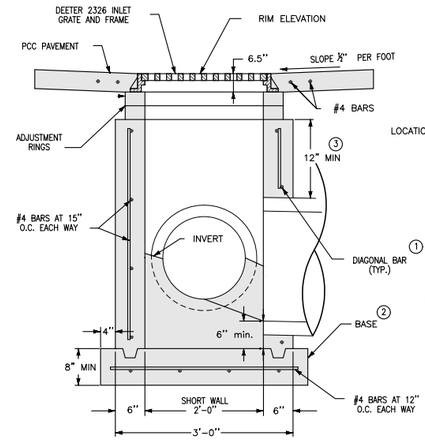
① PRECAST (SHOWN) OR CAST-IN-PLACE BASE:

PRECAST: 6-INCH THICK CONCRETE WITH #6 WELDED WIRE MESH ON 4-INCH CENTERS (WWF 4" X 4").

CAST-IN-PLACE: 8-INCH THICK NON-REINFORCED CONCRETE.

② 12-INCH MINIMUM RISER HEIGHT ABOVE ALL PIPES.

3 SW-512 CIRCULAR AREA INTAKE
NOT TO SCALE

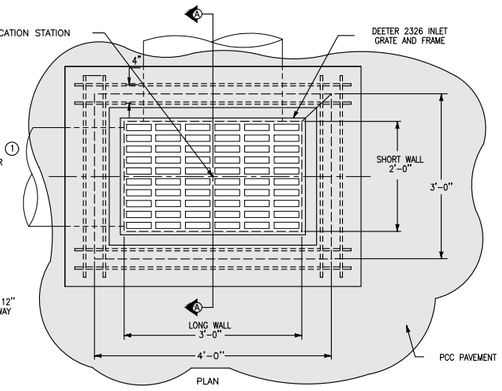


SECTION A-A

① INSTALL FOUR #4 DIAGONAL BARS AT ALL PIPE OPENINGS.

② CAST-IN-PLACE BASE SHOWN. IF BASE IS PRECAST INTEGRAL WITH WALLS, THE FOOTPRINT OF THE BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE WALLS.

③ 12 INCH MINIMUM WALL HEIGHT ABOVE ALL PIPES.

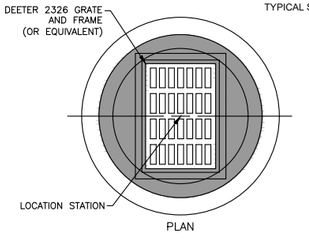


PLAN

MAXIMUM PIPE DIAMETERS		
PIPE LOCATION	PRECAST STRUCTURE	CAST-IN-PLACE STRUCTURE
SHORT WALL	15"	18"
LONG WALL	24"	30"

1 SW-511 RECTANGULAR AREA INTAKE WITHIN PCC PAVEMENT
NOT TO SCALE

TYPICAL SECTION



PLAN

REFER TO SW-514 FOR BOXOUT DETAILS

① SW-603 TYPE R UNLESS TYPE Q IS SPECIFIED IN THE CONTRACT DOCUMENTS

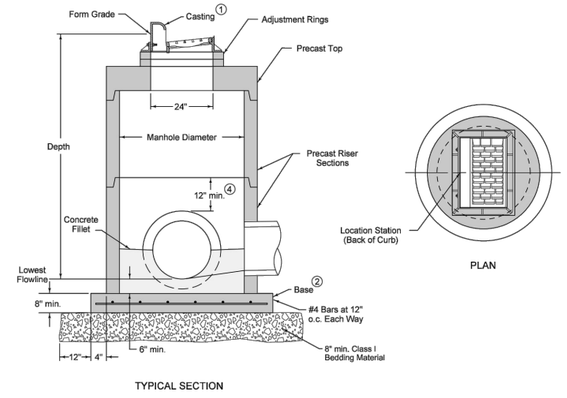
② CAST-IN-PLACE BASE SHOWN. BASE MAY BE SQUARE. IF BASE IS PRECASE INTEGRAL WITH WALLS, THE FOOTPRINT OF THE BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE WALLS.

③ FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12" OF CONCRETE BETWEEN VERTICAL EDGES OF PIPE OPENINGS.

④ 12" MINIMUM RISER HEIGHT ABOVE ALL PIPES.

MANHOLE DIAMETER (INCHES)	MAXIMUM PIPE DIAMETER ③ (INCHES) FOR 2 PIPES	
	AT 180° SEPARATION	AT 90° SEPARATION
48	24	18
60	36	24
72	42	30
84	48	36
96	60	42

4 SW-502 CIRCULAR SINGLE GRATE INTAKE (MODIFIED)
NOT TO SCALE



TYPICAL SECTION

PLAN

Refer to SW-514 for boxout details.

① SW-603 Type R unless Type Q is specified in the contract documents.

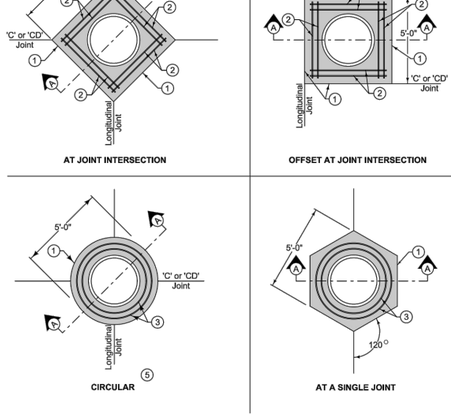
② Cast-in-place base shown. Base may be square. If base is precast integral with walls, the footprint of the base is not required to extend beyond the outer edge of the walls.

③ For additional configurations, maintain a minimum of 12 inches of concrete between vertical edges of pipe openings.

④ 12 inch minimum riser height above all pipes.

Manhole Diameter (inches)	Maximum Pipe Diameter ③ (inches) for 2 Pipes	
	at 180° Separation	at 90° Separation
48	24	18
60	36	24
72	42	30
84	48	36
96	60	42

7 SW-502 CIRCULAR SINGLE GRATE INTAKE
NOT TO SCALE



Construct boxout with Class C concrete or match pavement class. Minimum 2 inches clear on reinforcement. Minimum 12 inches of concrete between outside of casting and nearest joint. Center casting within boxout area if possible.

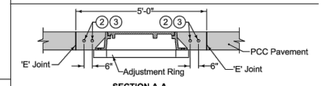
① 'KT-1', 'KT-2', 'BT-1', or 'BT-2' joint if three-piece floating casting (SW 601 Type B and D or SW-602 Type F) is used. 'E' joint if two-piece fixed casting (SW 601 Type A and C or SW-602 Type E) is used.

② 4 foot 8 inch (typ.) #4 bar. Place at mid-slab.

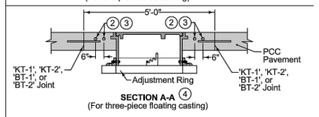
③ #4 hoops (variable length). Place at mid-slab.

④ No boxout is required for three-piece floating castings (SW 601 Type B and D or SW-602 Type F). If a boxout is used with a three-piece casting, construct as detailed in Section A-A for three-piece floating casting.

⑤ If a circular boxout is cut and extracted after PCC construction, a 'B' joint may be substituted for the 'E' joint if approved by the Engineer.



SECTION A-A
(For two-piece fixed casting)



SECTION A-A ④
(For three-piece floating casting)

2 PV-10 MANHOLE BOXOUTS IN PCC PAVEMENT
NOT TO SCALE

NO.	REVISIONS	DATE	BY

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FILE DATE: 10/17/22
PLOTTED BY: ERIC SCHULTE
DATE PLOTTED: 10/17/2022 4:46 PM
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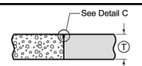
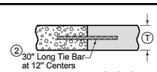
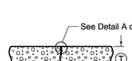
DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DETAILS	SHEET NUMBER C8.4



'B' (5)
PLAIN JOINT
(Abutting Pavement Slabs)

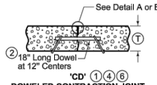


'DW' (3)(4)(7)
DAY'S WORK JOINT(Non-working)

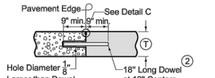


'C' (6)
CONTRACTION JOINT

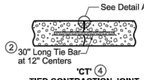
HEADER JOINT
(End Rigid Pavement)



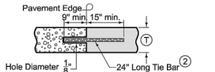
'CD' (1)(4)(6)
DOWELED CONTRACTION JOINT



ABUTTING PAVEMENT JOINT



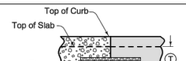
TIED CONTRACTION JOINT



ABUTTING PAVEMENT JOINT RIGID TIE

TRANSVERSE CONTRACTION

1. See dowel assemblies for fabrication details.
2. See Bar Size Table for Contraction Joints on Sheet 2.
3. Locate 'DW' joint at a mid-panel location between future 'C' or 'CD' joints. Place no closer than 5 feet to a 'C' or 'CD' joint.
4. Place bars within the limits shown under dowel assemblies.
5. Edge with 1/8 inch tool for length of joint. For HT joint, remove header block and board when second slab is placed.
6. Unless specified otherwise, use 'CD' transverse contraction joints in mainline pavement when (T) is greater or equal to 8 inches. Use 'C' joints when (T) is less than 8 inches.
7. 'RT' joint may be used in lieu of 'DW' joint at the end of the days work. Remove any pavement damaged due to the drilling at no additional cost to the Contracting Authority.

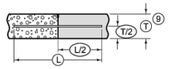


'DW - CG' (3)(4)
DAY'S WORK JOINT
CURB AND GUTTER UNIT

FIGURE 7010.101 | SHEET 1 OF 8

SUDAS | IOWADOT | REVISION 11 | 04-19-22
FIGURE 7010.101 | STANDARD ROAD PLAN | PV-101 | SHEET 1 of 8
REVISIONS: Modified circle note 33.
Paul D. Wigand | Matt Wirin
ASSISTANT CITY ADMINISTRATOR | DESIGN ADVANTAGE ENGINEERS

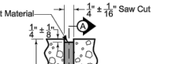
JOINTS



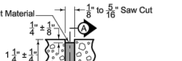
BAR PLACEMENT
(Applies to all joints unless otherwise detailed.)

'C' JOINT IN CURB
(Match 'CT', 'CD', or 'C' joint in pavement.)

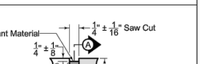
SECTION A-A
(Detail at Edge of Pavement)



DETAIL A
(Saw cut formed by conventional concrete sawing equipment.)



DETAIL B
(Saw cut formed by approved early concrete sawing equipment.)



DETAIL C

8. Saw 'CD' joint to a depth of T/3 ± 1/4"; saw 'C' joint to a depth of T/4 ± 1/4".
9. When tying into old pavement, (T) represents the depth of sound PCC.

BAR SIZE TABLE FOR CONTRACTION JOINTS			
(T)	Solid Dowel Diameter	Tubular Dowel Diameter	Tie Bar Size
< 8"	3/4	7/8	#6
≥ 8" but < 10"	1 1/4	1 3/8	#10
≥ 10"	1 1/2	1 5/8	#11

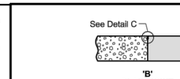
Tubular Dowel Bars will not be allowed for RD joints.

FIGURE 7010.101 | SHEET 2 OF 8

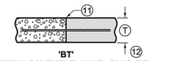
SUDAS | IOWADOT | REVISION 11 | 04-19-22
FIGURE 7010.101 | STANDARD ROAD PLAN | PV-101 | SHEET 2 of 8
REVISIONS: Modified circle note 33.
Paul D. Wigand | Matt Wirin
ASSISTANT CITY ADMINISTRATOR | DESIGN ADVANTAGE ENGINEERS

JOINTS

TRANSVERSE CONTRACTION

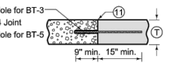


'B' (5)
PLAIN JOINT
(Abutting Pavement Slabs)



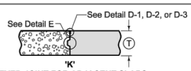
'BT' (11)(12)
ABUTTING PAVEMENT JOINT - RIGID TIE

(T)	Joint	Bars	Bar Length and Spacing
< 8"	'BT-1'	#4	36" Long at 30" Centers
		#5	30" Long at 30" Centers
≥ 8"	'BT-2'	#5	36" Long at 30" Centers

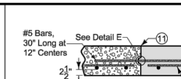


'BT' (11)
ABUTTING PAVEMENT JOINT - RIGID TIE (Drilled)

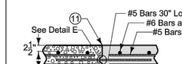
(T)	Joint	Bars	Bar Length and Spacing
< 8"	'BT-5'	#4	24" Long at 30" Centers
≥ 8"	'BT-5'	#5	24" Long at 30" Centers
	'BT-4'		24" Long at 15" Centers



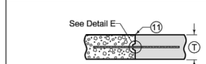
'K'
KEYED JOINT FOR ADJACENT SLABS
(Where T is 8" or more)



'KS-1'
[Single Reinforced Pavement (Bridge Approach)]



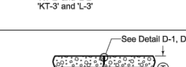
'KS-2'
[Double Reinforced Pavement (Bridge Approach)]



'KT'
ABUTTING PAVEMENT JOINT - KEYWAY TIE

(T)	Joint	Bars	Bar Length and Spacing
< 8"	'KT-1'	#4	30" Long at 30" Centers
≥ 8"	'KT-2'	#5	30" Long at 30" Centers
	'KT-3'		30" Long at 15" Centers

16. Bar supports may be necessary for fixed form paving to ensure the bar remains in a horizontal position in the plastic concrete.
11. Sawing or sealing of joint not required.
12. The following joints are interchangeable, subject to the pouring sequence:
'BT-1', 'L-1', and 'KT-1'
'KT-2' and 'L-2'
'KT-3' and 'L-3'



'L' (12)
CONTRACTION JOINT

(T)	Joint	Bars	Bar Length and Spacing
< 8"	'L-1'	#4	36" Long at 30" Centers
≥ 8"	'L-2'	#5	36" Long at 30" Centers
	'L-3'		36" Long at 15" Centers

LONGITUDINAL CONTRACTION

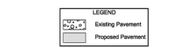


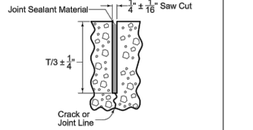
FIGURE 7010.101 | SHEET 3 OF 8

SUDAS | IOWADOT | REVISION 11 | 04-19-22
FIGURE 7010.101 | STANDARD ROAD PLAN | PV-101 | SHEET 3 of 8
REVISIONS: Modified circle note 33.
Paul D. Wigand | Matt Wirin
ASSISTANT CITY ADMINISTRATOR | DESIGN ADVANTAGE ENGINEERS

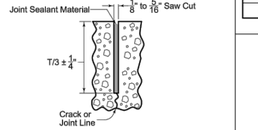
JOINTS

TIE BAR PLACEMENT
(Applies to all joints unless otherwise detailed.)

DETAIL D-1
(Required when specified in the contract documents.)



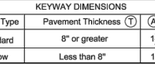
DETAIL D-2
(Required when the Department of Transportation is not the Contracting Authority, or when specified in the contract documents)



DETAIL D-3
(Required when the Department of Transportation is the Contracting Authority, or when specified in the contract documents)

LONGITUDINAL CONTRACTION

9. When tying into old pavement, (T) represents the depth of sound PCC.
13. Sealant or cleaning not required.



DETAIL E

KEYWAY DIMENSIONS			
Keyway Type	Pavement Thickness (T)	(A)	(B)
Standard	8" or greater	1 3/4"	2 3/4"
Narrow	Less than 8"	1"	2"

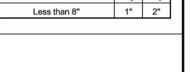
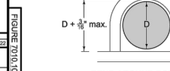


FIGURE 7010.101 | SHEET 4 OF 8

SUDAS | IOWADOT | REVISION 11 | 04-19-22
FIGURE 7010.101 | STANDARD ROAD PLAN | PV-101 | SHEET 4 of 8
REVISIONS: Modified circle note 33.
Paul D. Wigand | Matt Wirin
ASSISTANT CITY ADMINISTRATOR | DESIGN ADVANTAGE ENGINEERS

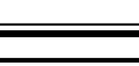
JOINTS

DOWEL PLACEMENT
(Applies to all joints unless otherwise detailed.)



'CF' JOINT

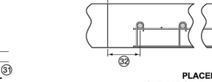
TYPE	WIDTH
CF-1	2"
CF-2	2 1/2"
CF-3	3"
CF-4	3 1/2"



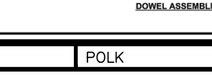
'E'
EXPANSION JOINT

'ED', 'EE', 'EF' (16)
DOWELED EXPANSION JOINT

'E'
JOINT IN CURB
(View at Back of Curb)

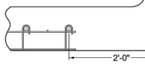


'EE'
JOINT IN CURB
(View at Back of Curb)

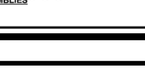


'ES'
JOINT IN CURB
(View at Back of Curb)

SECTION B-B



DETAIL F



DETAIL G

DETAIL H

EXPANSION

14. See Bar Size Table for Doweled Expansion Joints.
15. Edge with 1/4 inch tool for length of joint indicated if formed; edging not required when cut with diamond blade saw.
16. See Dowel Assemblies for fabrication details and placement limits. Coat the free end of dowel bar to prevent bond with pavement. At intake locations, dowel bars may be cast-in-place.
17. Predrill or preform holes in joint material for appropriate dowel size.
18. Compact tire buffings by spading with a square-nose shovel.

DOWELED EXPANSION JOINTS		
TYPE	WIDTH	FILLER MATERIAL (17)
ED	1"	Resilient (Detail F)
EE	2"	Flexible Foam (Detail F)
EF	3 1/2"	Flexible Foam (Detail G)

BAR SIZE TABLE FOR DOWELED EXPANSION JOINTS			
(T)	< 8"	≥ 8" but < 10"	≥ 10"
Dowel Diameter	3/4	1 1/4"	1 1/2"

Tubular Dowel Bars will not be allowed for expansion joints.

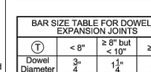
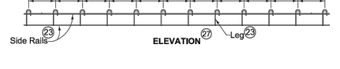


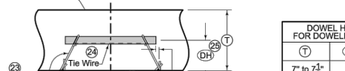
FIGURE 7010.101 | SHEET 5 OF 8

SUDAS | IOWADOT | REVISION 11 | 04-19-22
FIGURE 7010.101 | STANDARD ROAD PLAN | PV-101 | SHEET 5 of 8
REVISIONS: Modified circle note 33.
Paul D. Wigand | Matt Wirin
ASSISTANT CITY ADMINISTRATOR | DESIGN ADVANTAGE ENGINEERS

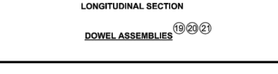
JOINTS

CONTRACTION JOINTS

PLAN

Spaces between dowel bars are nominal dimensions with a 1/4" allowable tolerance.



ELEVATION



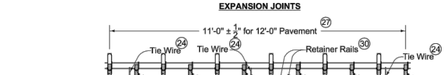
LONGITUDINAL SECTION

DOWEL ASSEMBLIES (19)(20)(21)

DOWEL HEIGHT AND DIAMETER FOR CONTRACTION JOINTS			
(T)	(DH) (29)	Diameter (Solid)	Diameter (Tubular)
7" to 7 1/2"	3 1/2"	3/4"	7/8"
8" to 9 1/2"	4 1/2"	1 1/4"	1 3/8"
10" to 11 1/2"	5 1/2"	1 1/2"	1 5/8"
12" to 13"	6 1/2"	1 1/2"	1 5/8"

Tubular Dowel Bars will not be allowed for RD joints.

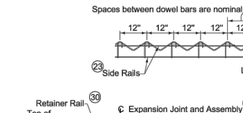
19. Use 18 inch long dowel bars with a tolerance of ± 1/8 inch. Ensure the centerlines of individual dowels are parallel to the other dowels in the assembly within ± 1/8 inch.
20. Use wires with a minimum tensile strength of 50 ksi.
21. Details apply to both transverse contraction and expansion joints.
22. Weld alternately throughout.
23. 0.306 inch diameter wire. Wire sizes shown are the minimum required.
24. Maximum 0.177 inch diameter wire, welded or friction fit to upper side rail, both sides.
25. Measured from the centerline of dowel bar to bottom of lower side rail + 1/4 inch.
26. Per lane width, install a minimum of 8 anchor pins evenly spaced (4 per side), to prevent movement of assembly during construction. Anchor assemblies placed on pavement or PCC base with devices approved by the Engineer.
27. If dowel basket assemblies are required for curbed pavements, the assembly length is based on the jointing layout. See PV-101, sheet 8.
28. Ensure dowel basket assembly centerline is within 2 inches of the intended joint location longitudinally and has no more than 1/4 inch horizontal skew from end of basket to end of basket.
29. Clip and remove center portion of tie during field assembly.
30. 1/4 inch diameter wire.



PLAN

Spaces between dowel bars are nominal dimensions with a 1/4" allowable tolerance.

ELEVATION



SECTION THRU EXPANSION JOINT

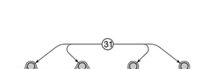
JOINT OPENING AND EXPANSION TUBE EXTENSION		
Joint Type	(X)	Minimum Tube Length
"ED"	1"	6"
"EE"	2"	7"
"EF"	3 1/2"	9"

DOWEL HEIGHT AND DIAMETER FOR DOWELED EXPANSION JOINTS		
(T)	(DH) (29)	Diameter
7" to 7 1/2"	3 1/2"	3/4"
8" to 9 1/2"	4 1/2"	1 1/4"
10" to 11 1/2"	5 1/2"	1 1/2"
12" to 13"	6 1/2"	1 1/2"

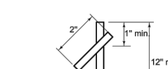
Tubular Dowel Bars will not be allowed for expansion joints.

DOWEL ASSEMBLIES (19)(20)(21)

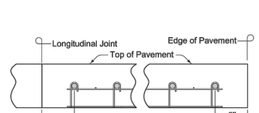
19. Use 18 inch long dowel bars with a tolerance of ± 1/8 inch. Ensure the centerlines of individual dowels are parallel to the other dowels in the assembly within ± 1/8 inch.
20. Use wires with a minimum tensile strength of 50 ksi.
21. Details apply to both transverse contraction and expansion joints.
31. Diameter of bend around dowel is dowel diameter + 1/8 to 3/16 inches.
32. For uniform lane widths: 3 to 6 inches. For taper and variable width pavements: 3 to 12 inches.



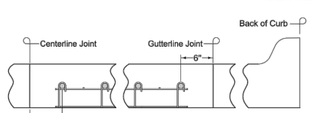
OPTIONAL LEG SHAPES



ANCHOR PIN

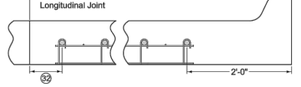


PLACEMENT LIMITS
(Rural Section)



PLACEMENT LIMITS
(Curb and Gutter - Gutterline Jointing)

BEND AROUND DOWEL (31)



PLACEMENT LIMITS
(Curb and Gutter - 1/4 or 1/3 Point Jointing)

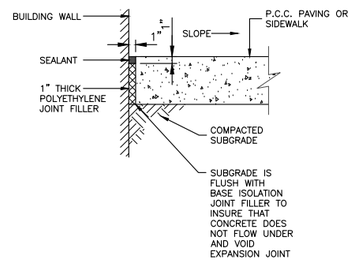
DOWEL ASSEMBLIES (19)(20)(21)

FIGURE 7010.101 | SHEET 6 OF 8

SUDAS | IOWADOT | REVISION 11 | 04-19-22
FIGURE 7010.101 | STANDARD ROAD PLAN | PV-101 | SHEET 6 of 8
REVISIONS: Modified circle note 33.
Paul D. Wigand | Matt Wirin
ASSISTANT CITY ADMINISTRATOR | DESIGN ADVANTAGE ENGINEERS

JOINTS

1 TYPICAL JOINTS
NOT TO SCALE

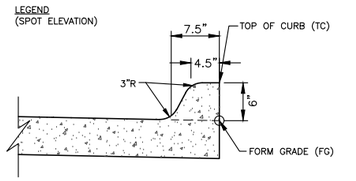


2 ISOLATION JOINT AT BUILDING
NOT TO SCALE

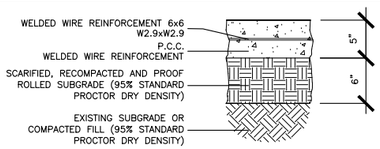
NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-DETAIL SHEETS.DWG
PLOT DATE: 10/17/22
PLOTTED BY: Chris Schuilt
COMMENT: DWG
DATE PLOTTED: 10/11/2022 4:46 PM

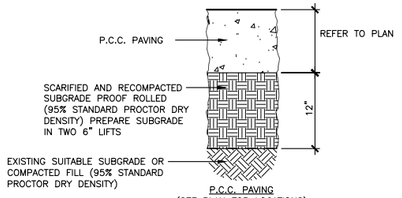
DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DETAILS	SHEET NUMBER C8.5



7 6" STANDARD CURB
NOT TO SCALE

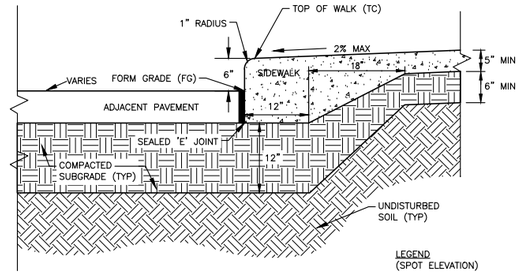


8 SHARED USE PATH DETAIL
NOT TO SCALE

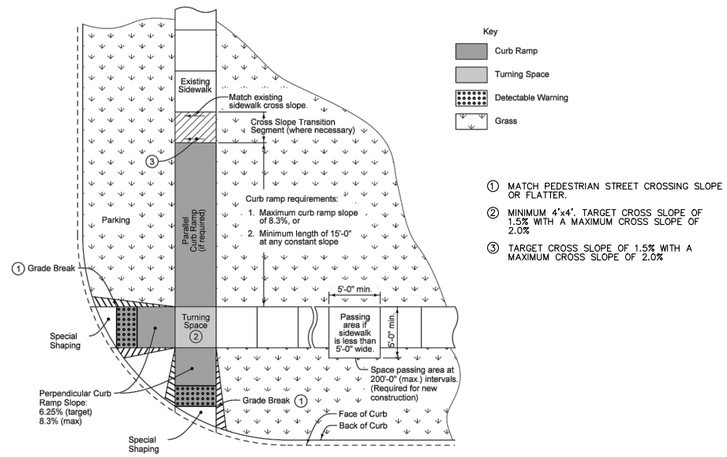


NOTE:
1. SUBGRADE PREPARATION SHALL EXTEND 24" BEYOND EDGE OF PAVING OR BACK OF CURB. EXCEPT WHEN ABUTTING EXISTING PAVEMENT.
2. TRANSVERSE JOINTS SHALL BE "C" JOINTS FOR 6" PCC AT 12' MAX. SPACING.
3. LONGITUDINAL JOINTS SHALL BE INTERCHANGEABLE, L-1 OR KT-1 FOR 6" AND 7" PCC, L-2 OR KT-2 FOR 8" PCC.

6 TYPICAL SECTION - P.C.C. PAVEMENT
NOT TO SCALE



4 CLASS "A" INTEGRAL CURB AND SIDEWALK
NOT TO SCALE

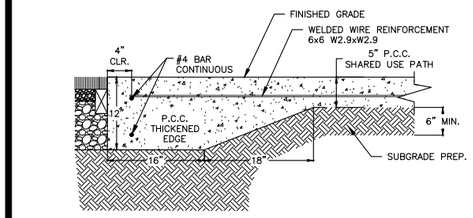


1 MATCH PEDESTRIAN STREET CROSSING SLOPE OR FLATTER.

2 MINIMUM 4'x4', TARGET CROSS SLOPE OF 1.5% WITH A MAXIMUM CROSS SLOPE OF 2.0%

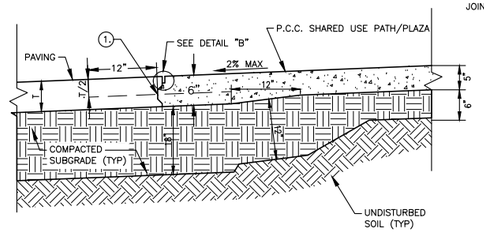
3 TARGET CROSS SLOPE OF 1.5% WITH A MAXIMUM CROSS SLOPE OF 2.0%

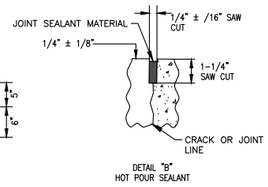
1 GENERAL FEATURES OF AN ACCESSIBLE SIDEWALK
NOT TO SCALE



NOTE:
1. THICKENED EDGE SHALL BE INSTALLED ADJACENT TO SYNTHETIC TURF.

9 SHARED USE PATH WITH THICKENED EDGE PCC
NOT TO SCALE

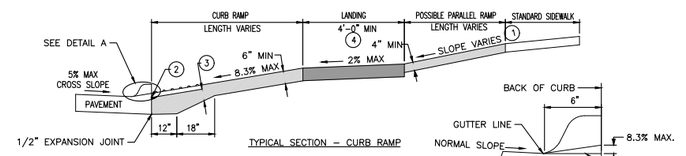




NOTE:
1. #4 THE BAR, 24" LONG @ 18" O.C. WITH PREFORMED KEYWAY FOR TANGENT SECTIONS OF PAVEMENT (BY SITEWORK CONTRACTOR)

5 SIDEWALK AT PAVEMENT (NO CURB)
NOT TO SCALE

IF CROSSWALKS ARE MARKED, LOCATE RAMPS, EXCLUSIVE OF FLARES, WITHIN THE CROSSWALK MARKINGS.



KEY
= RAMP
= LANDING
= DETECTABLE WARNING

1 PARALLEL RAMP: IF NORMAL SIDEWALK ELEVATION CANNOT BE ACHIEVED WITH THE PERPENDICULAR RAMP BETWEEN THE STREET AND LANDING DUE TO LIMITED RAMP LENGTH, PROVIDE A PARALLEL RAMP TO MAKE UP THE ELEVATION DIFFERENCE BETWEEN THE LANDING AND THE STANDARD SIDEWALK.

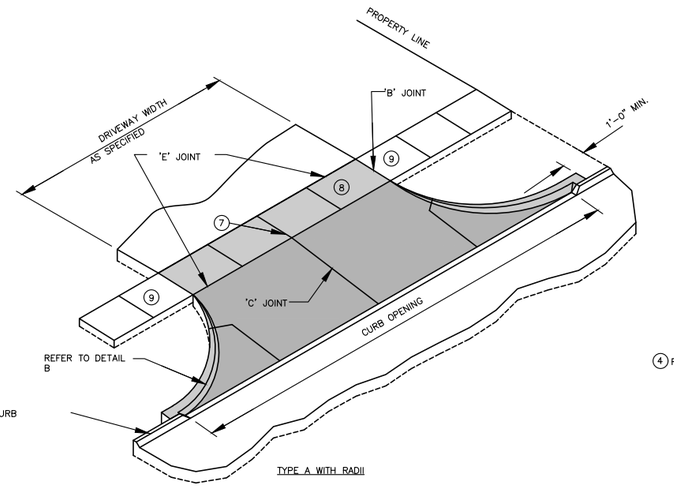
2 THE LENGTH OF THE PARALLEL RAMP IS NOT REQUIRED TO EXCEED 15 FEET, REGARDLESS OF THE RESULTING SLOPE. DO NOT EXCEED 8.3% SLOPE FOR PARALLEL RAMPS SHORTER THAN 15 FEET.

3 INSTALL A 24 INCH WIDE (MIN) STRIP OF DETECTABLE WARNINGS AT THE BACK OF CURB. EXTEND THE DETECTABLE WARNINGS ACROSS THE FULL WIDTH OF THE RAMP.

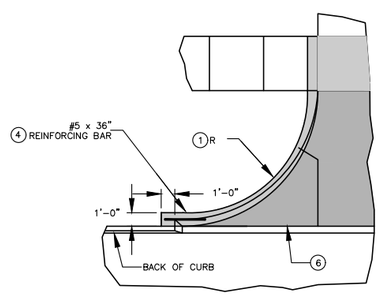
4 PROVIDE A MINIMUM OF 6 INCHES OF CONCRETE BELOW THE DETECTABLE WARNING PANEL.

5 LANDING: MAXIMUM SLOPE OF 2% IN ANY DIRECTION.

2 CURB RAMPS - GENERAL SECTION
NOT TO SCALE



10 CONCRETE DRIVEWAY TYPE A (MODIFIED)
NOT TO SCALE



1 DRIVEWAY RADIUS (R).

2 PAVEMENT THICKNESS.
RESIDENTIAL: 6 INCHES MINIMUM.
COMMERCIAL AND INDUSTRIAL: 7 INCHES MINIMUM.

3 SIDEWALK THICKNESS THROUGH DRIVEWAY TO MATCH THICKNESS OF DRIVEWAY.

4 CENTER REINFORCING BAR VERTICALLY IN THE PAVEMENT.

5 MATCH THICKNESS OF ADJACENT ROADWAY, 8 INCHES MINIMUM.

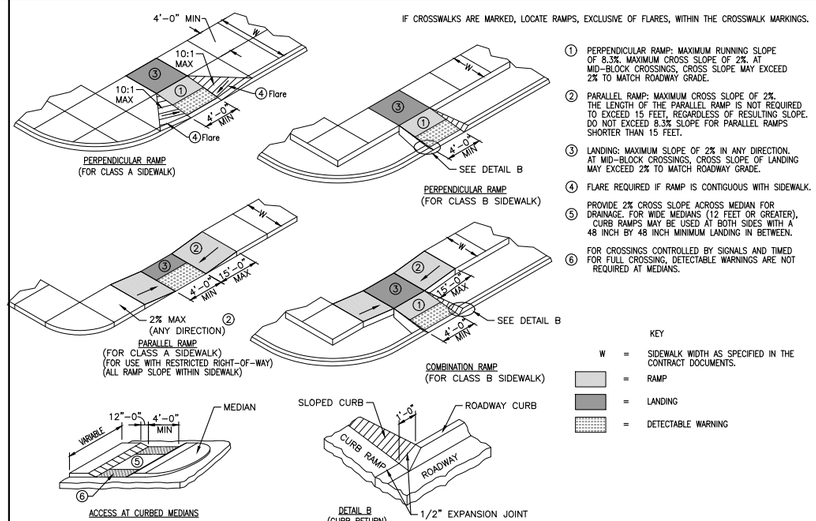
6 PROVIDE 'E' JOINT AT BACK OF CURB UNLESS 'B' JOINT IS SPECIFIED.

7 FOR ALLEYS, INVERT THE PAVEMENT CROWN 2% TOWARD CENTER OF ALLEY.

8 TARGET CROSS SLOPE OF 1.5% WITH A MAXIMUM CROSS SLOPE OF 2.0%. IF SPECIFIED IN THE CONTRACT DOCUMENTS, CONSTRUCT THE SIDEWALK THROUGH THE DRIVEWAY 5 FEET WIDE TO SERVE AS A PASSING SPACE.

9 IF CROSS SLOPE OF ADJACENT SIDEWALK PANEL EXCEEDS 2.0%, REMOVE AND REPLACE TO TRANSITION FROM EXISTING SIDEWALK TO SIDEWALK THROUGH DRIVEWAY. IF ELEVATION CHANGE REQUIRES A CURB RAMP, COMPLY WITH FIGURE 7030.205; VERIFY NEED FOR DETECTABLE WARNING PANEL WITH ENGINEER.

IF CROSSWALKS ARE MARKED, LOCATE RAMPS, EXCLUSIVE OF FLARES, WITHIN THE CROSSWALK MARKINGS.



1 PERPENDICULAR RAMP: MAXIMUM RUNNING SLOPE OF 8.3%. MAXIMUM CROSS SLOPE OF 2%. AT MID-BLOCK CROSSINGS, CROSS SLOPE MAY EXCEED 2% TO MATCH ROADWAY GRADE.

2 PARALLEL RAMP: MAXIMUM CROSS SLOPE OF 2%. THE LENGTH OF THE PARALLEL RAMP IS NOT REQUIRED TO EXCEED 15 FEET, REGARDLESS OF RESULTING SLOPE. DO NOT EXCEED 8.3% SLOPE FOR PARALLEL RAMPS SHORTER THAN 15 FEET.

3 LANDING: MAXIMUM SLOPE OF 2% IN ANY DIRECTION. AT MID-BLOCK CROSSINGS, CROSS SLOPE OF LANDING MAY EXCEED 2% TO MATCH ROADWAY GRADE.

4 FLARE REQUIRED IF RAMP IS CONTIGUOUS WITH SIDEWALK.

5 PROVIDE 2% CROSS SLOPE ACROSS MEDIAN FOR DRAINAGE. FOR WIDE MEDIANS (12 FEET OR GREATER), CURB RAMPS MAY BE USED AT BOTH SIDES WITH A 48 INCH BY 48 INCH MINIMUM LANDING IN BETWEEN.

6 FOR CROSSINGS CONTROLLED BY SIGNALS AND TIMED FOR FULL CROSSING, DETECTABLE WARNINGS ARE NOT REQUIRED AT MEDIANS.

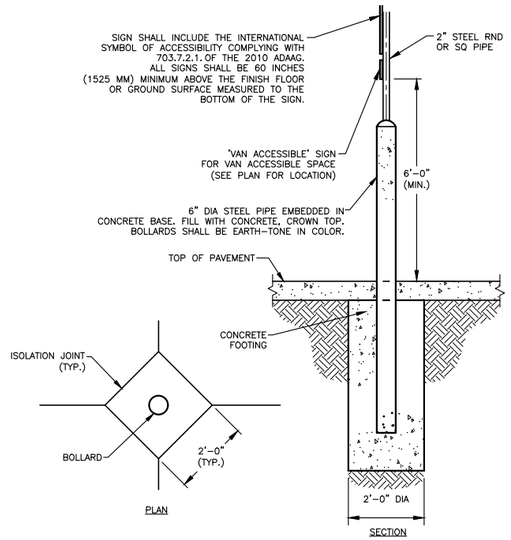
KEY
W = SIDEWALK WIDTH AS SPECIFIED IN THE CONTRACT DOCUMENTS.
= RAMP
= LANDING
= DETECTABLE WARNING

3 CURB RAMPS OUTSIDE OF INTERSECTION RADIUS
NOT TO SCALE

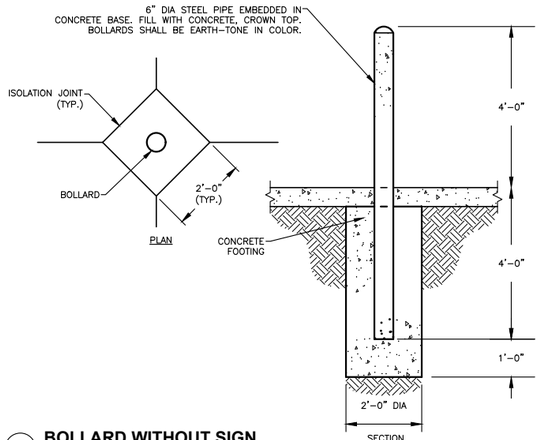
NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-DETAIL SHEETS.DWG
FILE DATE: 10/11/22
PLOTTED BY: JOSE SCHULTE
DATE PLOTTED: 10/11/2022 4:46 PM
COMMENT:
ISSUE:

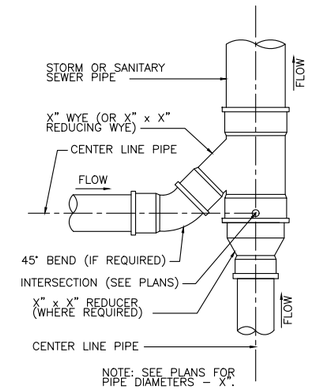
DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER	2202.086	SHEET TITLE	DETAILS	SHEET NUMBER	C8.6



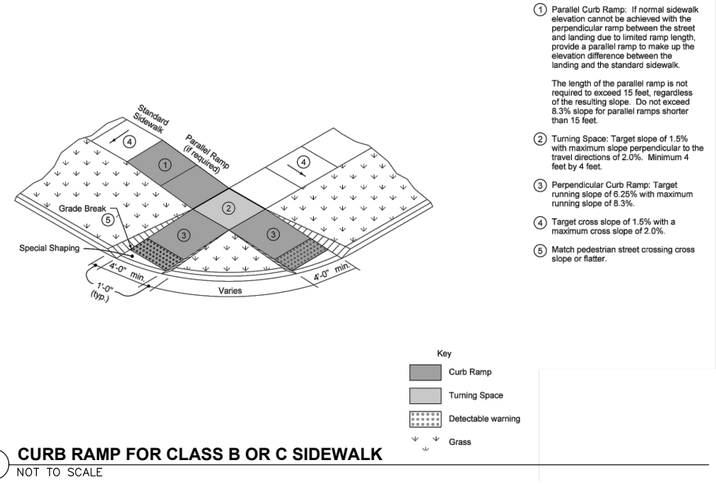
8 BOLLARD WITH SIGN
NOT TO SCALE



5 BOLLARD WITHOUT SIGN
NOT TO SCALE



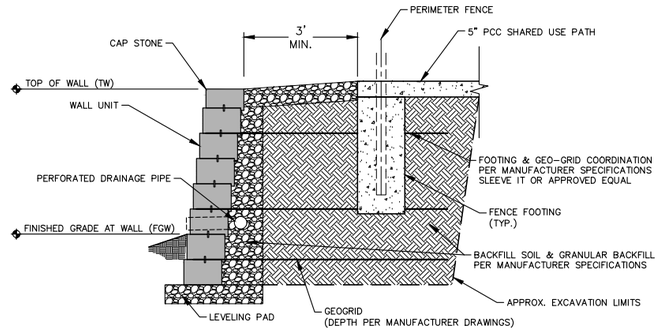
4 WYE CONNECTION
NOT TO SCALE



1. Parallel Curb Ramp: If normal sidewalk elevation cannot be achieved with the perpendicular ramp between the street and landing due to limited ramp length, provide a parallel ramp to make up the elevation difference between the landing and the standard sidewalk.

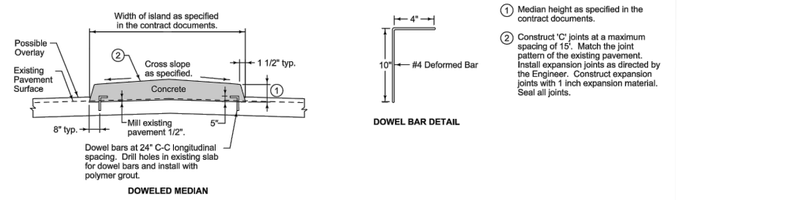
   The length of the parallel ramp is not required to exceed 15 feet, regardless of the resulting slope. Do not exceed 8.3% slope for parallel ramps shorter than 15 feet.
2. Turning Space: Target slope of 1.5% with maximum slope perpendicular to the travel directions of 2.0%. Minimum 4 feet by 4 feet.
3. Perpendicular Curb Ramp: Target running slope of 6.25% with maximum running slope of 8.3%.
4. Target cross slope of 1.5% with a maximum cross slope of 2.0%.
5. Match pedestrian street crossing cross slope or flatter.

1 CURB RAMP FOR CLASS B OR C SIDEWALK
NOT TO SCALE



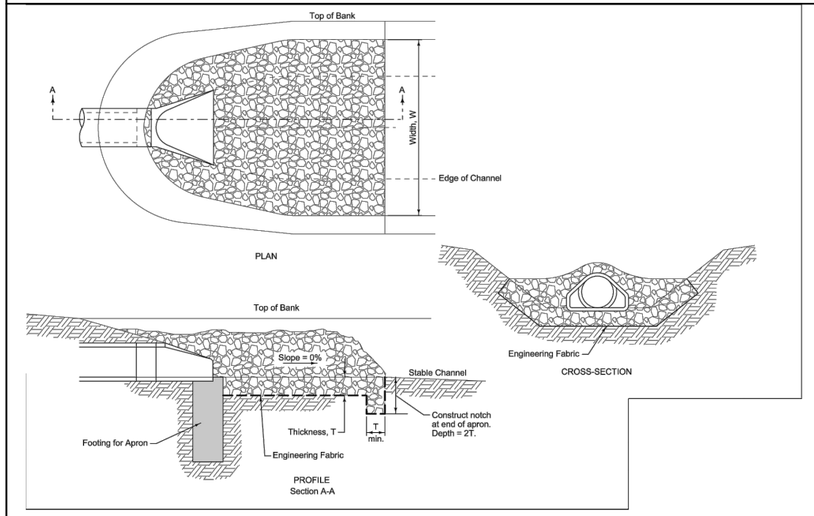
NOTE:
THIS DETAIL IS FOR GENERAL REFERENCE ONLY. CONTRACTOR TO SUBMIT FULL DESIGN DATA TO ENGINEER FOR APPROVAL PRIOR TO INSTALLATION AND ORDERING OF MATERIALS. WALL SHALL BE DESIGNED BY A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF IOWA AND CONSTRUCTED IN ACCORDANCE WITH THE STRUCTURAL ENGINEER'S DESIGN.

6 RETAINING WALL DETAIL
NOT TO SCALE

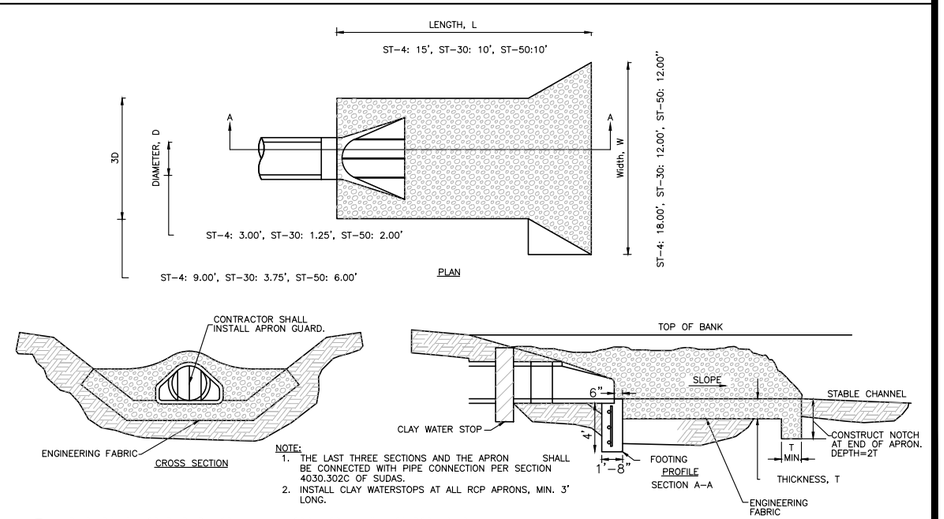


1. Median height as specified in the contract documents.
2. Construct 'C' joints at a maximum spacing of 15'. Match the joint pattern of the existing pavement. Install expansion joints as directed by the Engineer. Construct expansion joints with 1 inch expansion material. Seal all joints.

2 MEDIANS
NOT TO SCALE



7 RIP RAP FOR PIPE OUTLET INTO CHANNEL
NOT TO SCALE



NOTE:
1. THE LAST THREE SECTIONS AND THE APRON SHALL BE CONNECTED WITH PIPE CONNECTION PER SECTION 4030.302C OF SUDAS.
2. INSTALL CLAY WATERSTOPS AT ALL RCP APRONS, MIN. 3' LONG.

3 RIP RAP FOR PIPE OUTLET ONTO FLAT GROUND
NOT TO SCALE

NO.	REVISIONS	DATE	BY

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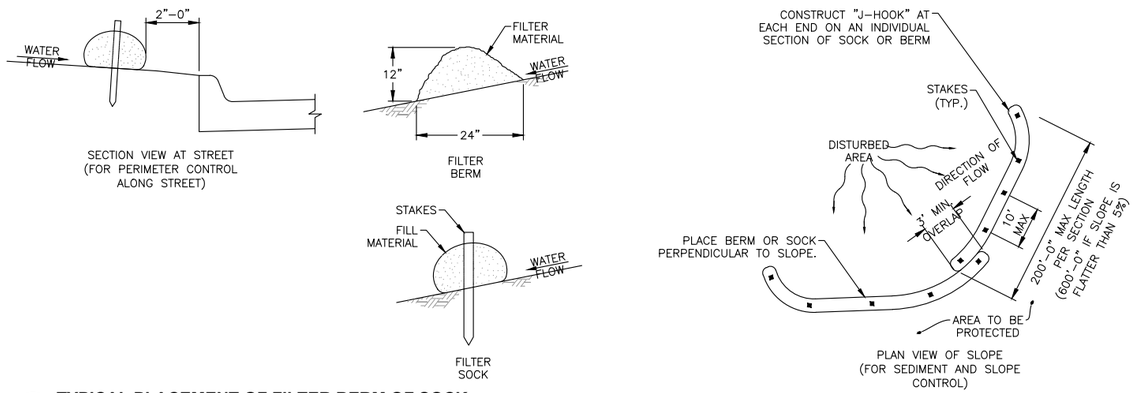
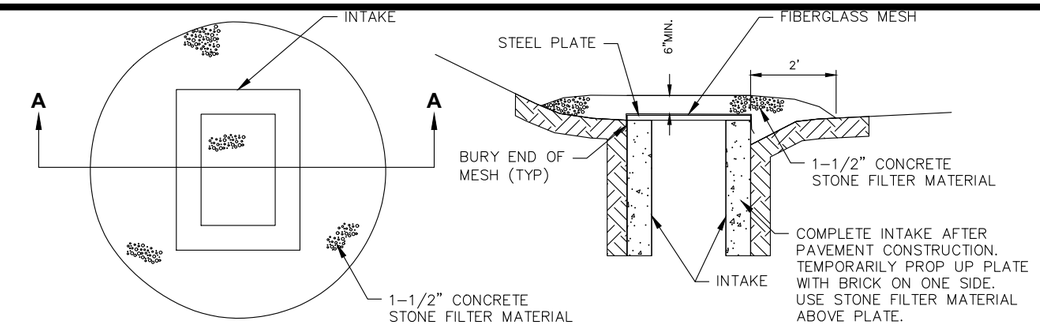
FILE DATE: 10/11/2022
PLOTTED BY: BRIAN SCHULTE
DATE PLOTTED: 10/11/2022 4:46 PM
STYLE:
COMMENT:
DESC:

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DETAILS	SHEET NUMBER C8.7



3 **TYPICAL PLACEMENT OF FILTER BERM OF SOCK**
NOT TO SCALE



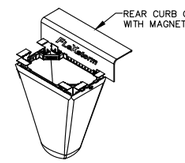
1 **ROCK INLET PROTECTION DETAIL**
NOT TO SCALE

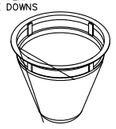
SPECIFICATIONS FOR STANDARD BAGS BY NOMINAL SIZE			
Nominal Bag Size	Solids Storage (Cu.Ft)	Filtered Flow Rate at 50% Max (CFS)	
		FX (Woven)	IL (Non-Woven)
Small	1.6	1.2	0.9
Medium	2.1	1.7	1.3
Large	3.0	2.7	1.9
XL	4.2	3.6	2.6

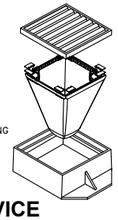
1. INDENTIFY YOUR FRAME STYLE AND SIZE			
STYLE	FRAME STYLE AND SIZE		Frame P/N
ROUND	Small Round (up to 30.0° dia grates) (A) dim)		62SRD
	Med Round (26.1" – 29.0" dia grates (A) up to 25" dia openings (B)		62MRD
	Large Round (26.1" – 32.0" dia grates (A) up to 29" openings (B))		62LRD
	XL Round (32.1" dia - 39" dia grates (A) up to 37" dia openings (B))		62XLRD
HEAVY DUTY SQUARE	Small Rect / Square (upto 36" (A) x 14" (B) openings or 44" perimeter)		62SSQ
	Med Rect / Square (upto 36" (A) x 24" (B) openings or 96" perimeter)		62MSQ
	Large Rect / Square (up to 35" (A) x 24" (B) openings or 120" perimeter)		62LSQ
	XL Rect / Square (able to side 2 x 24" rect (offset) or 48" (A) x 36" (B) openings)		62XLSQ
STANDARD DUTY GRATES	Small Rect / Square (ref Rect sizing, shipped with Magnetic Curb Flaps)		62SCB
	Med Rect / Square (ref Rect sizing, shipped with Magnetic Curb Flaps)		62MCB
	Large Rect / Square (ref Rect sizing, shipped with Magnetic Curb Flaps)		62LCB
	XL Rect / Square (ref Rect sizing, shipped with Magnetic Curb Flaps)		62XLCB
NYLOPLAST	12" Diameter Nyloplast castings (Stainless Steel Framing standard)		62S2INV
	18" Diameter Nyloplast castings (Stainless Steel Framing standard)		62S3INV
	24" Diameter Nyloplast castings (Stainless Steel Framing standard)		62S4INV
	24" Diameter Nyloplast castings (Stainless Steel Framing standard)		62S4INV
	30" Diameter Nyloplast castings (Stainless Steel Framing standard)		62S5INV

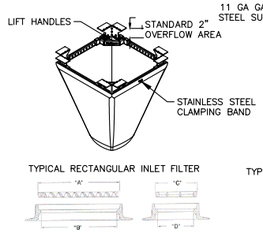
2. SELECT YOUR BAG PART NUMBER				
FLEXSTORM FILTER BAGS	22" (Inlet) (STD Bag P/N)	22" (Inlet) Short Bag P/N	Clean Water Flow Rate (GPM/SqFt)	Min A.O.S. (US Sieve)
FX: Standard Woven Bag	FX	FX-S	200	40
IL: DOT Non-Woven Bag	IL	IL-S	145	70

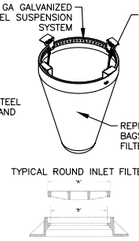
3. CREATE YOUR FLEXSTORM INLET FILTER PART NUMBER	
Frame P/N from Step 1.	Filter Bag P/N from Step 2.




STAINLESS STEEL ROUND INLET FILTERS for NYLOPLAST CASTINGS CATCH–ITS SPECIFIED W/ FX or FX–S BAGS





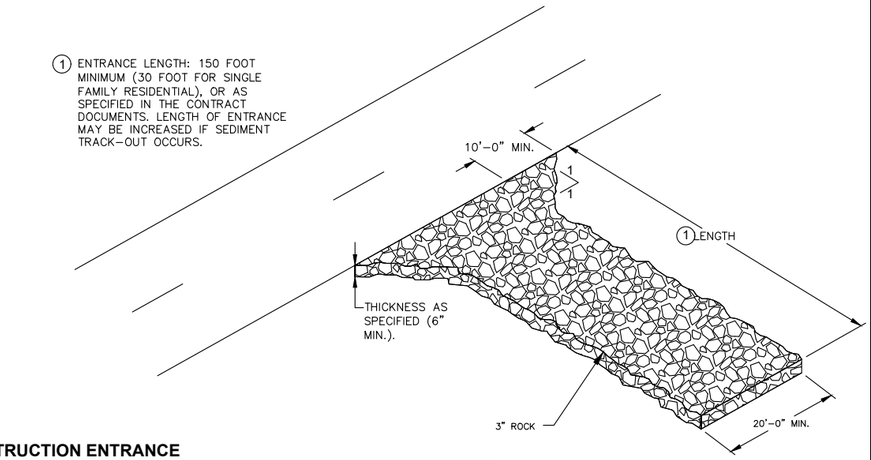


NOTES:

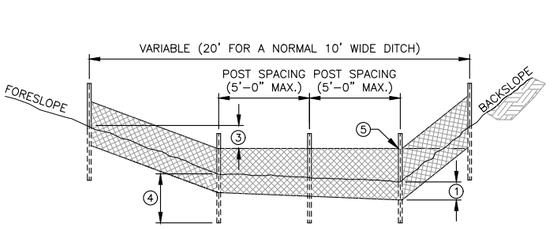
1. ALL FRAMING IS CONSTRUCTED OF CORROSION RESISTANT STEEL (ZINC PLATED OR GALVANIZED) FOR 7 YEAR MINIMUM SERVICE LIFE.
2. UPON ORDERING CONFIRMATION OF THE DOT CALLOUT, PRECAST OR CASTING MAKE AND MODEL, OR DETAILED DIMENSIONAL FORMS MUST BE PROVIDED TO CONFIGURE AND ASSEMBLE YOUR CUSTOMIZED FLEXSTORM INLET FILTER. PART NUMBER ALONE IS NOT SUFFICIENT.
3. FOR WRITTEN SPECIFICATIONS AND MAINTENANCE GUIDELINES VISIT WWW.INLETFILTERS.COM

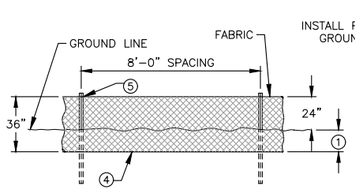
ALL PRODUCTS MANUFACTURED BY INLET & PIPE PROTECTION, INC A DIVISION OF ADS, INC.
WWW.INLETFILTERS.COM
(866) 287-8655 PH
(630) 355-3477 FX
INFO@INLETFILTERS.COM
SIZE | DWG NO | REV
SCALE | SHEET 1 OF 1

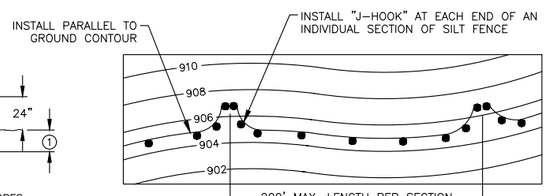
4 **FLEXSTORM INLET PROTECTION DEVICE**
NOT TO SCALE

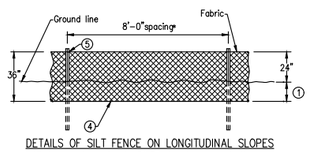


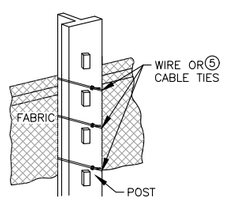
2 **STABILIZED CONSTRUCTION ENTRANCE**
NOT TO SCALE

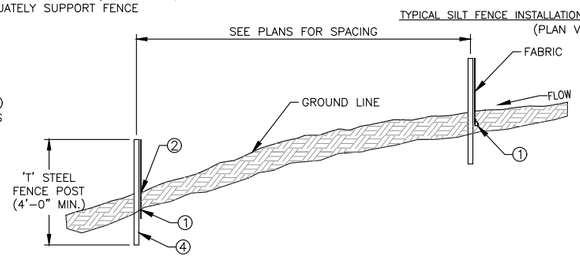












5 **SILT FENCE**
NOT TO SCALE

GENERAL NOTES:
INSTALL SILT FENCE ACCORDING TO THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS AND AT LOCATIONS SHOWN IN THE CONTRACT DOCUMENTS OR AS DIRECTED BY THE JURISDICTIONAL ENGINEER.

1. INSERT 12" OF FABRIC A MINIMUM OF 6" DEEP (FABRIC MAY BE FOLDED BELOW THE GROUND LINE)
2. COMPACT GROUND BY DRIVING ALONG EACH SIDE OF THE SILT FENCE AS REQUIRED TO SUFFICIENTLY SECURE THE FABRIC IN THE TRENCH TO PREVENT PULLOUT AND FLOW UNDER THE FENCE.
3. IN DITCHES. EXTEND SILT FENCE UP SIDE SLOPE SO THE BOTTOM ELEVATION AT THE END OF THE FENCE IS A MINIMUM OF 2" HIGHER THAN THE TOP OF THE FENCE IN THE LOW POINT OF THE DITCH.
4. STEEL POSTS TO BE EMBEDDED 20" UNLESS OTHERWISE ALLOWED BY THE JURISDICTIONAL ENGINEER.
5. SECURE TOP OF ENGINEERING FABRIC TO STEEL POSTS USING WIRE OR PLASTIC TIES (50 LB. MIN.). SEE DETAILS OF "ATTACHMENT TO POSTS."

NO. | REVISIONS | DATE | BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086–DETAIL SHEETS.DWG
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COMMENT: DWG
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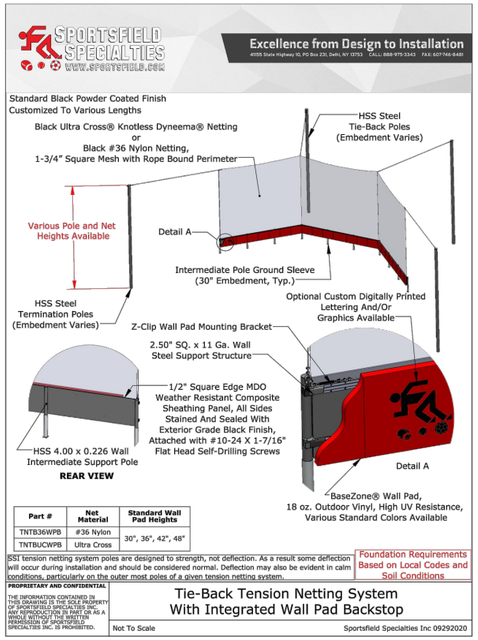
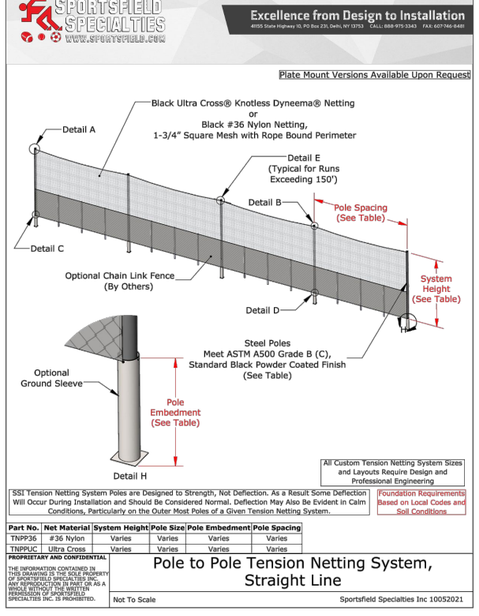
DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER 2202.086	SHEET TITLE DETAILS	SHEET NUMBER C8.8



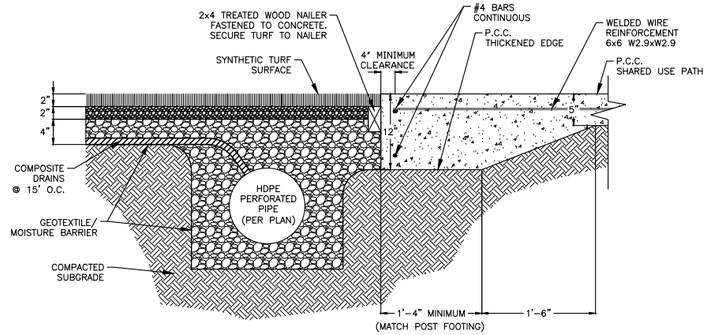
FOR REFERENCE ONLY. (REFER TO MANUFACTURER PLANS FOR CONSTRUCTION DETAILS)

7 WALL PAD BACKSTOP
NOT TO SCALE



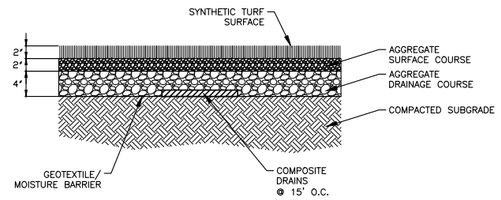
FOR REFERENCE ONLY. (REFER TO MANUFACTURER PLANS FOR CONSTRUCTION DETAILS)

8 BALL CONTROL
NOT TO SCALE



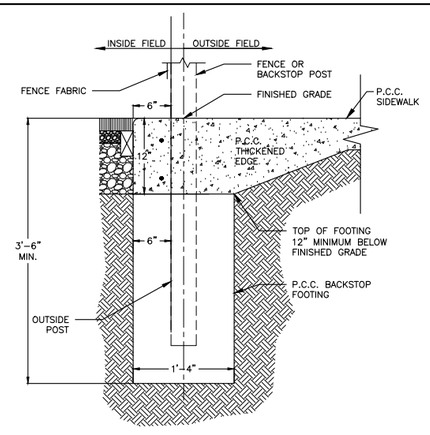
FOR REFERENCE ONLY. (REFER TO MANUFACTURER PLANS FOR CONSTRUCTION DETAILS)

4 TURF AT SHARED USE PATH
NOT TO SCALE



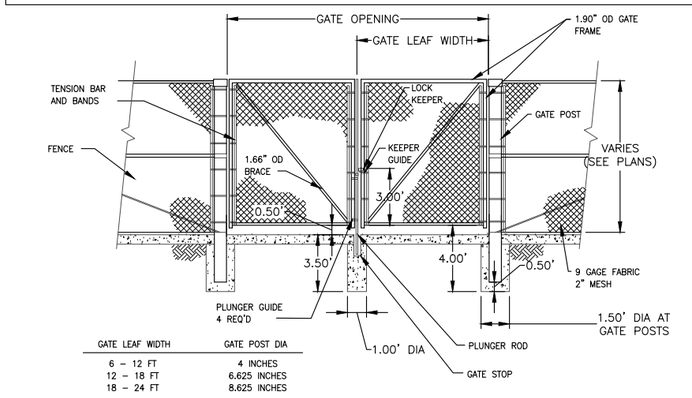
FOR REFERENCE ONLY. (REFER TO MANUFACTURER PLANS FOR CONSTRUCTION DETAILS)

5 SYNTHETIC TURF SECTION
NOT TO SCALE



6 FENCING ADJACENT TO SYNTHETIC TURF
NOT TO SCALE

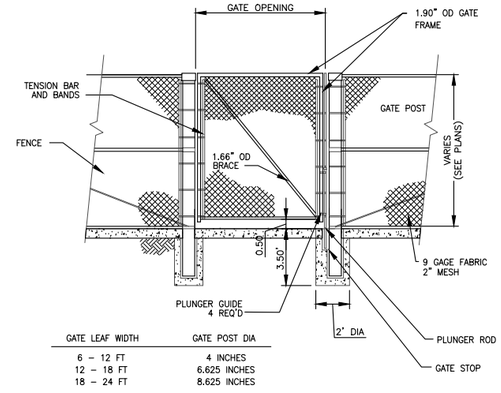
FOR REFERENCE ONLY. (REFER TO MANUFACTURER PLANS FOR CONSTRUCTION DETAILS)



GATE LEAF WIDTH	GATE POST DIA
6 – 12 FT	4 INCHES
12 – 18 FT	6.625 INCHES
18 – 24 FT	8.625 INCHES

1 DOUBLE LEAF GATE
NOT TO SCALE

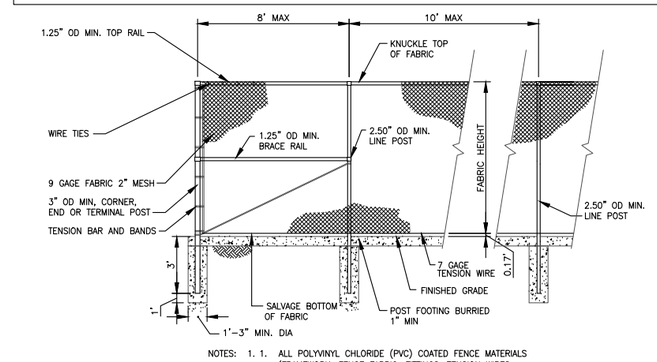
FOR REFERENCE ONLY. (REFER TO MANUFACTURER PLANS FOR CONSTRUCTION DETAILS)



GATE LEAF WIDTH	GATE POST DIA
6 – 12 FT	4 INCHES
12 – 18 FT	6.625 INCHES
18 – 24 FT	8.625 INCHES

2 SINGLE LEAF GATE
NOT TO SCALE

FOR REFERENCE ONLY. (REFER TO MANUFACTURER PLANS FOR CONSTRUCTION DETAILS)



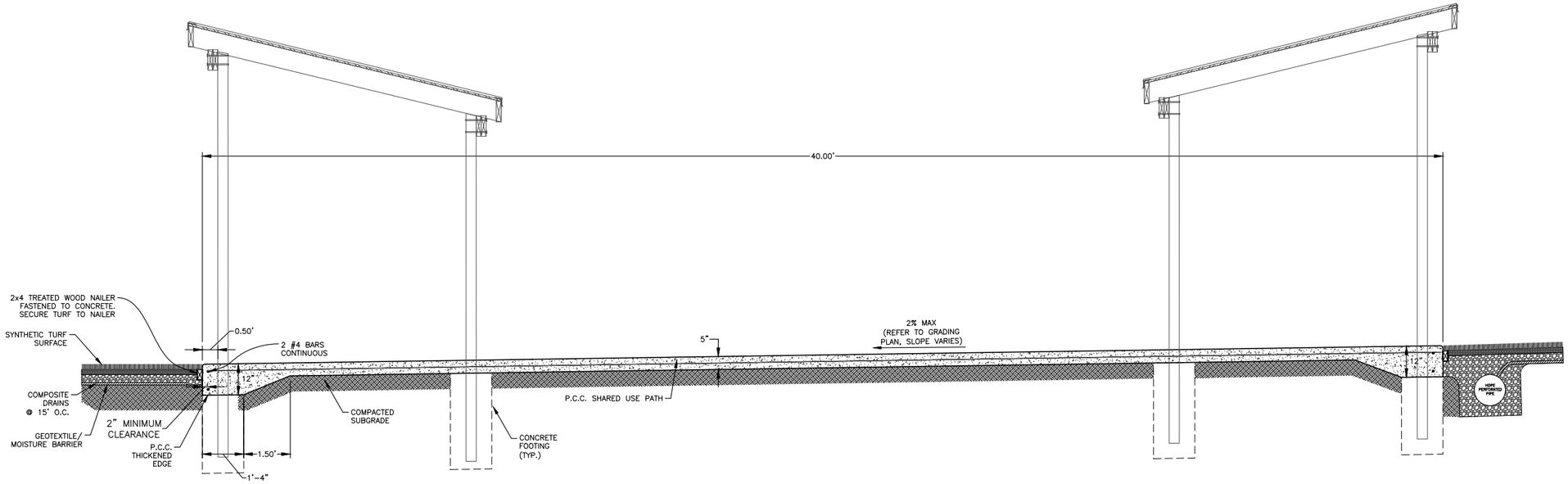
NOTES: 1. 1. ALL POLYVINYL CHLORIDE (PVC) COATED FENCE MATERIALS (FRAMEWORK, FENCE FABRIC, FITTINGS, TENSION WIRES, ETC.) SHALL BE BLACK.
2. AT A MINIMUM, RAIL & POST DIAMETERS SHALL MEET SUDAS SPECIFICATIONS.

3 CHAINLINK FENCING
NOT TO SCALE

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\DWG\SITE PLAN\2202086-DETAIL SHEETS.DWG
PLT DATE: 10/11/2022
PLOTTED: 10/11/22 4:46 PM
BY: BRIAN SCHULTE
COMMENT:
DISC:

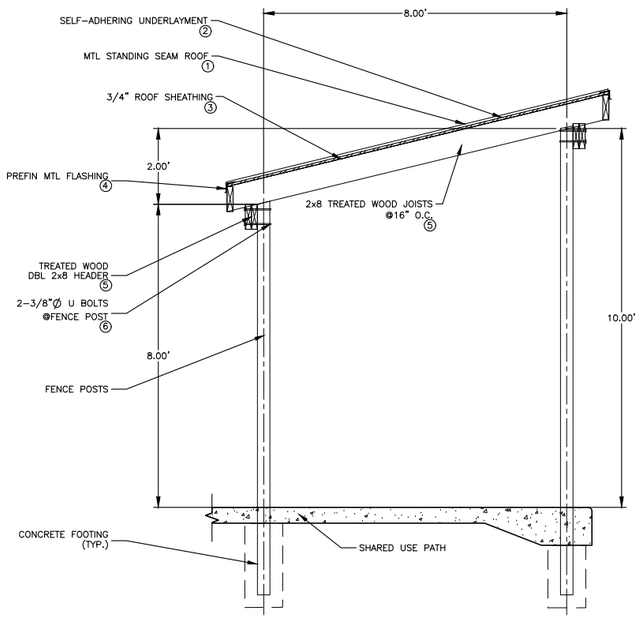
DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE | POLK COUNTY | PROJECT NUMBER 2202.086 | SHEET TITLE DETAILS | SHEET NUMBER C8.9



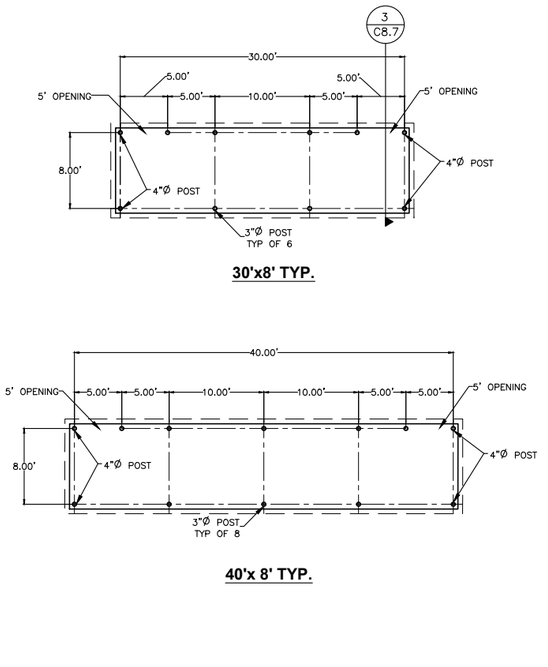
1 TYPICAL DUGOUT & SHARED USE PATH SECTION
NOT TO SCALE

NOTES:

1. COMPLY WITH ASTM; D 2244, D4214, E 1514, E 1592, E 1680, A 653/A653M, A792, A 792M. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR OWNER APPROVAL AND COORDINATE WITH CITY ON COLOR.
   - INCLUDE FABRICATION AND INSTALLATION LAYOUTS OF METAL PANELS; DETAILS OF EDGE CONDITIONS, JOINTS, PANEL PROFILES, CORNERS, ANCHORAGES, ATTACHMENT SYSTEM, TRIM, FLASHINGS, CLOSURES, AND ACCESSORIES; AND SPECIAL DETAILS.
   - VERTICAL-RIB, SNAP-JOINT, STANDING-SEAM METAL ROOF PANELS. MANUFACTURER SHALL APPROVE INSTALLER QUALIFICATIONS. PORTABLE ROLL-FORMING EQUIPMENT SHALL MAINTAIN UL CERTIFICATIONS.
   - PANEL FASTENERS SHALL BE SELF-TAPPING SCREWS DESIGNED TO WITHSTAND BUILDING CODE DESIGN LOADS.
   - PANEL SEALANTS SHALL BE PER MANUFACTURERS RECOMENDATIONS THAT ARE COMPATABLE WITH PANEL MATERIALS, ARE NONSTAINING, AND DO NOT DAMAGE PANEL FINISH.
   - 20 YEAR MINIMAL FINISH & WEATHERTIGHTNESS WARRANTY PERIOD FROM DATE OF SUBSTANTIAL COMPLETION. STRUCTURAL FAILURES AND DETERIORATION OF METALS WARRANTY PERIOD OF TWO YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
2. PROVIDE SELF-ADHERING, COLD-APPLIED, SHEET UNDERLAYMENT, A MINIMUM OF 40 MILS (1 MM) THICK, CONSISTING OF SLIP-RESISTANT, POLYETHYLENE-FILM TOP SURFACE LAMINATED TO A LAYER OF BUTYL OR SBS-MODIFIED ASPHALT ADHESIVE, WITH RELEASE-PAPER BACKING. PROVIDE PRIMER WHEN RECOMMENDED BY UNDERLAYMENT MANUFACTURER.
   - THERMAL STABILITY: STABLE AFTER TESTING AT 240 DEG F (116 DEG C); ASTM D 1970.
   - LOW-TEMPERATURE FLEXIBILITY: PASSES AFTER TESTING AT MINUS 20 DEG F (29 DEG C); ASTM D 1970.
   - PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
     A. WINTERGUARD; CERTAINTEED CORPORATION.
     B. BITUTHENE ICE AND WATER SHIELD; GRACE: W.R. GRACE & CO.
     C. NORDSHIELD ICE AND WATERGARD; NORD BITUMI US, INC.
     D. F210; NORTHERN ELASTOMERIC, INC.
     E. POLYGUARD DECK GUARD; POLYGUARD PRODUCTS, INC.
     F. POLYKEN 640 UNDERLAYMENT MEMBRANE; POLYKEN TECHNOLOGIES.
     G. QSC-707; QUAKER CONSTRUCTION PRODUCTS, INC.
     h. Moisture Guard; Tamko Asphalt Products, Inc.
   - SLIP SHEET: MANUFACTURER'S RECOMMENDED SLIP SHEET, OF TYPE REQUIRED FOR APPLICATION.
3. EXPOSURE 1 SHEATHING. SPAN RATING: NOT LESS THAN 40/20. THICKNESS NO LESS THAN 1/2 INCH.
4. COMPLY WITH PERFORMANCE REQUIREMENTS, MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AND SMACNA'S "ARCHITECTURAL SHEET METAL MANUAL." PROVIDE CONCEALED FASTENERS WHERE POSSIBLE, AND SET UNITS TRUE TO LINE AND LEVEL AS INDICATED. INSTALL WORK WITH LAPS, JOINTS, AND SEAMS THAT WILL BE PERMANENTLY WATERTIGHT AND WEATHER RESISTANT.
   - INSTALL EXPOSED FLASHING AND TRIM THAT IS WITHOUT BUCKLING AND TOOL MARKS, AND THAT IS TRUE TO LINE AND LEVELS INDICATED, WITH EXPOSED EDGES FOLDED BACK TO FORM HEMS. INSTALL SHEET METAL FLASHING AND TRIM TO FIT SUBSTRATES AND ACHIEVE WATERPROOF AND WEATHER-RESISTANT PERFORMANCE.
   - EXPANSION PROVISIONS: PROVIDE FOR THERMAL EXPANSION OF EXPOSED FLASHING AND TRIM. SPACE MOVEMENT JOINTS AT A MAXIMUM OF 10 FEET (3 M) WITH NO JOINTS ALLOWED WITHIN 24 INCHES (610 MM) OF CORNER OR INTERSECTION. WHERE LAPPED EXPANSION PROVISIONS CANNOT BE USED OR WOULD NOT BE SUFFICIENTLY WEATHER RESISTANT AND WATERPROOF, FORM EXPANSION JOINTS OF INTERMESHING HOOKED FLANGES, NOT LESS THAN 1 INCH (25 MM) DEEP, FILLED WITH MASTIC SEALANT (CONCEALED WITHIN JOINTS).
   - PIPE FLASHING: FORM FLASHING AROUND PIPE PENETRATION AND METAL ROOF PANELS. FASTEN AND SEAL TO METAL ROOF PANELS AS RECOMMENDED BY MANUFACTURER.
5. MATERIAL CERTIFICATES: FOR DIMENSION LUMBER SPECIFIED TO COMPLY WITH MINIMUM ALLOWABLE UNIT STRESSES. INDICATE SPECIES AND GRADE SELECTED FOR EACH USE AND DESIGN VALUES APPROVED BY THE ALSC BOARD OF REVIEW. EVALUATION REPORTS FROM ICC-ES.
   - LUMBER: DOC PS 20 AND APPLICABLE RULES OF GRADING AGENCIES INDICATED. IF NO GRADING AGENCY IS INDICATED, PROVIDE LUMBER THAT COMPLIES WITH THE APPLICABLE RULES OF ANY RULES-WRITING AGENCY CERTIFIED BY THE ALSC BOARD OF REVIEW. PROVIDE LUMBER GRADED BY AN AGENCY CERTIFIED BY THE ALSC BOARD OF REVIEW TO INSPECT AND GRADE LUMBER UNDER THE RULES INDICATED.
     1. FACTORY MARK EACH PIECE OF LUMBER WITH GRADE STAMP OF GRADING AGENCY.
     2. FOR EXPOSED LUMBER INDICATED TO RECEIVE A STAINED OR NATURAL FINISH, MARK GRADE STAMP ON END OR BACK OF EACH PIECE.
     3. WHERE NOMINAL SIZES ARE INDICATED, PROVIDE ACTUAL SIZES REQUIRED BY DOC PS 20 FOR MOISTURE CONTENT SPECIFIED. WHERE ACTUAL SIZES ARE INDICATED, THEY ARE MINIMUM DRESSED SIZES FOR DRY LUMBER.
     4. PROVIDE DRESSED LUMBER, S4S, UNLESS OTHERWISE INDICATED.
   - PRESERVATIVE TREATMENT BY PRESSURE PROCESS: AWPA U1; USE CATEGORY UC2 FOR INTERIOR CONSTRUCTION NOT IN CONTACT WITH THE GROUND, USE CATEGORY UC3B FOR EXTERIOR CONSTRUCTION NOT IN CONTACT WITH THE GROUND, AND USE CATEGORY UC4A FOR ITEMS IN CONTACT WITH THE GROUND.
     1. PRESERVATIVE CHEMICALS: ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION AND CONTAINING NO ARSENIC OR CHROMIUM. DO NOT USE INORGANIC BORON (SBX) FOR SILL PLATES.
     2. FOR EXPOSED ITEMS INDICATED TO RECEIVE A STAINED OR NATURAL FINISH, USE CHEMICAL FORMULATIONS THAT DO NOT REQUIRE INCISING, CONTAIN COLORANTS, BLEED THROUGH, OR OTHERWISE ADVERSELY AFFECT FINISHES.
   - MAXIMUM MOISTURE CONTENT OF LUMBER: 19 PERCENT FOR 2-INCH NOMINAL (38-MM ACTUAL) THICKNESS OR LESS, NO LIMIT FOR MORE THAN 2-INCH NOMINAL (38-MM ACTUAL) THICKNESS UNLESS OTHERWISE INDICATED.
   - DELIVERY, STORAGE, AND HANDLING CONTRACTOR SHALL STACK LUMBER FLAT WITH SPACERS BENEATH AND BETWEEN EACH BUNDLE TO PROVIDE AIR CIRCULATION.PROTECT LUMBER FROM WEATHER BY COVERING WITH WATERPROOF SHEETING, SECURELY ANCHORED. PROVIDE FOR AIR CIRCULATION AROUND STACKS AND UNDER COVERING.
   - JOISTS, RAFTERS, AND OTHER FRAMING NOT LISTED ABOVE: CONSTRUCTION OR NO. 2 SPECIES: SOUTHERN PINE; SPIB.
6. ANCHOR BOLTS: ASTM F 1554, GRADE 36, OF DIMENSIONS INDICATED; WITH NUTS, ASTM A 563; AND, WHERE INDICATED, FLAT WASHERS.
   - HOT-DIP GALVANIZE OR PROVIDE MECHANICALLY DEPOSITED, ZINC COATING WHERE ITEM BEING FASTENED IS INDICATED TO BE GALVANIZED.



3 SECTION AT CONSTRUCTED DUGOUTS
NOT TO SCALE



2 CONSTRUCTED DUGOUT FLOOR PLANS
NOT TO SCALE

NO.	REVISIONS	DATE	BY

FILE: H:\2022\2202086\PW\SITE PLAN\2202086-DETAIL SHEETS.DWG
PLT DATE: 10/17/22
PLOTTED BY: ASHLEY SCHULTE
COMMENT: DRAWING

DESIGN TEAM – CITY OF GRIMES / CIVIL DESIGN ADVANTAGE	POLK	COUNTY	PROJECT NUMBER	2202.086	SHEET TITLE	DETAILS	SHEET NUMBER	C8.10

BASE BID ELECTRICAL

1. QTY (2) : NEW ELECTRICAL SERVICE ENTRANCE AND POWER DISTRIBUTION EQUIPMENT. PARKING LOT LIGHTING, POWER/COMMUNICATIONS ROUGH INS FOR PARKING LOT GATES.

BID ALT. 1:

1. CONVENIENCE OUTLETS IN DUGOUTS.
2. POWER AND COMMUNICATION ROUGH-INS AND HANDHOLES LOCATED AT BACKSTOPS.
3. HAND HOLES AT ATHLETIC LIGHT POLE LOCATIONS SHOWN.
4. CONDUIT ROUGH-INS FOR ATHLETIC LIGHTING.
5. STRUCTURAL BASES/FOUNDATIONS FOR ATHLETIC LIGHT POLES.

BID ALT. 3:

1. FULL PARKING LOT GATE INSTALLATION, INCLUDING ALL PARKING LOT GATE EQUIPMENT FOR A FULLY FUNCTIONING SYSTEM. REFER TO CIVIL SPECIFICATIONS FOR PARKING GATE INFORMATION.

BID ALT. 4:

INSTALLATION OF ATHLETIC LIGHTING

1. CONDUCTORS FOR POWER TO LIGHTS
2. 408V/3PH PANELBOARD FOR LIGHTING
3. GFI RECEPTACLES AND POWER FOR RECEPTACLES AT ATHLETIC POLE LOCATIONS SHOWN
4. ALL POLES, LIGHT FIXTURES, AND CONTROLS FOR ATHLETIC LIGHTING.

ELECTRICAL SYMBOL LIST

SYMBOL:	TAG:	SPEC SECTION:	DESCRIPTION:
(E) E	ECONN	26 05 33	ELECTRICAL CONNECTION
(J) J	JB	26 05 33	JUNCTION BOX
▽	RI-TECH	26 05 33	WEATHERPROOF TECHNOLOGY OUTLET ROUGH-IN
▭	PANEL '###'	26 24 16	PANELBOARD - SURFACE MOUNT
⊠	TR-#	26 22 00	TRANSFORMER, REFER TO TRANSFORMER SCHEDULE
W	REC-QUAD-WP	26 27 26	QUAD GFI WEATHERPROOF RECEPTACLE, 125V
TC	TC-#	26 09 33	TIME SWITCH
PC	PC-#	26 09 33	EXTERIOR PHOTOCELL
▭	LC-#	26 09 33	LIGHTING CONTACTOR

ELECTRICAL EQUIPMENT TAGS

TAG:	DESCRIPTION:	RELATED SPECIFICATION
LC-#	LIGHTING CONTACTOR	26 09 33
DP-#	DISTRIBUTION PANEL	26 24 16
HH-#	HANDHOLE	26 05 33
MC-#	EXTERIOR MOUNTED METERING CABINET	26 20 00
SPD-#	SURGE PROTECTION DEVICE	26 43 00

ELECTRICAL SYMBOL LIST

SYMBOL:	TAG:	SPEC SECTION:	DESCRIPTION:
	REFER TO LUMINAIRE SCHEDULE		WALL BRACKET LUMINAIRE
			POLE MOUNTED LUMINAIRE

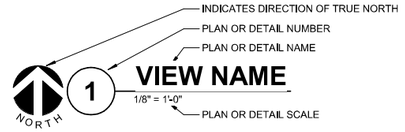
CONTACT PERSONS:

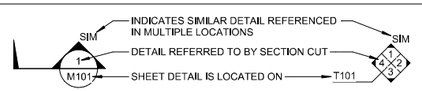
DESCRIPTION:	PERSON:
PROJECT MANAGER	Kristen L. Spina
ELECTRICAL	Kristen L. Spina

VIEW KEY

NAME — LEVEL NAME
10'-0" — HEIGHT ABOVE PROJECT 0'-0"

1 — INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL





LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)
———— NEW
- - - - - - - - EXISTING TO BE REMOVED (SHORT DASHED PATTERN)
— — — NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE)
———— EXISTING
- - - - - - - - EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)
— — — EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

HALFTONING DOES NOT MODIFY SCOPE.

'TAG'-E — TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING

TAG — UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE, IF NEW, ADDITIONAL INFORMATION IS AVAILABLE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST

INDICATES AN EXISTING SYSTEM'S POINT OF CONNECTION/REMOVAL

ELECTRICAL SHEET INDEX

E000	ELECTRICAL COVERSHEET
E001	ELECTRICAL SITE PLAN OVERALL - AREAS
E101	ELECTRICAL SITE PLAN - AREA A
E102	ELECTRICAL SITE PLAN - AREA B
E103	ELECTRICAL SITE PLAN - AREA C
E104	ELECTRICAL SITE PLAN - AREA D
E105	ELECTRICAL SITE PLAN - AREA E
E106	ELECTRICAL SITE PLAN - AREA F
E200	ELECTRICAL ENLARGED PLANS
E300	ELECTRICAL ONE-LINE
E400	ELECTRICAL DETAILS
E401	ELECTRICAL DETAILS
E500	ELECTRICAL SCHEDULES
E501	ELECTRICAL SCHEDULES
E503	ELECTRICAL SCHEDULES
GRAND TOTAL: 15	

ELECTRICAL GENERAL NOTES:

1. **{L###}** INDICATES THE LIGHTING SEQUENCE OF OPERATION FOR THE SPACE. REFER TO THE LIGHTING SEQUENCE OF OPERATION MATRIX ON SHEET **E-500.**
2. REFER TO SHEET **E-400** FOR LIGHTING CONTROL ONE-LINE DIAGRAM.
3. REFER TO SHEET **E-500** FOR LUMINAIRE SCHEDULE.

LUMINAIRE KEY:

LUMINAIRE — F1 = FIXTURE TAG
1 = CIRCUIT NUMBER

*IF LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION. EX: F1 / 1

DEVICE KEY:

DEVICE — A = MOUNTING (IF APPLICABLE)
1 = CIRCUIT NUMBER

*IF LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION. EX: A / 1

ELECTRICAL INSTALLATION NOTES:

1. CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL PROVIDED. COMMON NEUTRALS MAY NOT BE USED FOR BRANCH CIRCUITS. BALANCE THE LOAD ON PANEL AS EVENLY AS POSSIBLE BETWEEN EACH PHASE.
2. ALL WELDING SHALL BE ACCORDING TO AMERICAN WELDING SOCIETY STANDARDS. CONTRACTOR SHALL FURNISH TO THE ARCHITECT/ENGINEER CERTIFICATES QUALIFYING EACH WELDER, PRIOR TO START OF WORK. THE ARCHITECT/ENGINEER RESERVES THE RIGHT TO REQUIRE QUALIFYING DEMONSTRATION, AT THE CONTRACTOR'S EXPENSE, OF ANY WELDERS ASSIGNED TO THE JOB.
3. EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO THE WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION AND FINISH.
4. ELECTRICAL IDENTIFICATION. REFER TO SPECIFICATION SECTION 26 05 53 FOR COLOR/LABEL REQUIREMENTS FOR CABLE/WIRE, AND EQUIPMENT.

ELECTRICAL ABBREVIATION KEY

ABBR:	DESCRIPTION:
C	CONDUIT
GFI	GROUND FAULT INTERRUPTER
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED

CONTRACTOR ABBREVIATION KEY

ABBR:	DESCRIPTION:
C.C.	CIVIL CONTRACTOR
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
G.C.	GENERAL CONTRACTOR

APPLICABLE CODES

CONTRACTOR SHALL COMPLY WITH APPLICABLE CODES AND LOCAL AMENDMENTS.

ELECTRICAL CODE:	NFPA 70 (NEC) 2020 EDITION
ENERGY CONSERVATION CODE:	IECC 2018
LOCAL BUILDING CODE:	CURRENT EDITION

CONDUIT INSTALLATION SCHEDULE

THE FOLLOWING SCHEDULE SHALL BE ADHERED TO UNLESS THEY CONSTITUTE A VIOLATION OF APPLICABLE CODES OR ARE NOTED OTHERWISE ON THE DRAWINGS. THE INSTALLATION OF RMC CONDUIT WILL BE PERMITTED IN PLACE OF ALL CONDUIT SPECIFIED IN THIS SCHEDULE. REFER TO CONDUIT AND BOXES SPECIFICATION 26 05 33 FOR ADDITIONAL INFORMATION.

INSTALLATION TYPE	RMC	IMC	EMT	PVC	PVC CONCRETE ENCASED	HDPE
FEEDERS: SWITCHBOARDS, DISTRIBUTION PANELS, PANELBOARDS, MOTOR CONTROL CENTERS, ETC.		X	X			
BRANCH CIRCUITS: LIGHTING, RECEPTACLES, CONTROLS, ETC.		X	X			
UNDERGROUND SITE CONDUITS:						
WITHIN 5' FROM THE PERIMETER OF A BUILDING FOUNDATION	X				X	
5' OR GREATER FROM THE PERIMETER OF A BUILDING FOUNDATION	X			X		
UNDER ROADS, DRIVES, AND VEHICLE TRAVELED WAYS. WHEN HDPE DIRECTIONAL BORING IS ALLOWED: PROVIDE PRESSURIZED GROUT				X		X
DUCTBANKS (REFER TO DUCTBANK DETAILS WHEN APPLICABLE)						
REINFORCING SHALL CONSIST OF ONE-HALF INCH DEFORMED BARS SPACED 12 INCHES ON CENTER, PARALLELING THE DUCTS ON BOTTOM, WITH ONE-HALF INCH DEFORMED TIE BARS SPACED TWELVE INCHES ON CENTERS.					X	
BARS SHALL OVERLAP 40 DIAMETERS AND SHALL EXTEND 5' BEYOND ROADS, DRIVES, TRAVELED WAYS, ETC.					X	
PROVIDE MINIMUM 3" CONCRETE COVER ON ALL SIDES OF REINFORCING.					X	
ENTIRE DUCTBANK SHALL BE INSTALLED ON PRECAST CONCRETE PAVERS ON 3' CENTERS.					X	
DEFINITIONS:						
CONCRETE ENCASEMENT: CONDUIT WITH A MINIMUM OF 3" THICKNESS BETWEEN THE SURFACE OF THE CONCRETE AND THE NEAREST CONDUIT. CONCRETE TO BE DOWELED INTO THE FOUNDATION.						

LICENSED PROFESSIONAL ENGINEER
KRISTEN L. SPINA
21081
IOWA

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED 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.

Digitally signed by Kristen Spina, P.E.
Date: 2022.10.11 17:21:39-05'00'

KRISTEN L. SPINA — DATE

MY LICENSE EXPIRATION DATE IS: 12/31/2023

PAGES OR SHEETS COVERED BY THIS SEAL:

Grimes- IA-Grimes Plex

Project Address

City of Grimes

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The FUTURE. Built Smarter. www.imegcorp.com
2882 106TH STREET
DES MOINES, IA 50322
P: 515.334.9906 F: 515.334.9908

PROFESSIONAL SEAL

CONSULTANT
(MAY BE USED FOR ANY OTHER REQUIREMENT IF THERE IS NO CONSULTANT)

KEY PLAN

AGENCY APPROVAL

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0 1 2 3
REF. SCALE IN INCHES

REVISIONS

No.	Date	Revision / Issue

SHEET INFORMATION

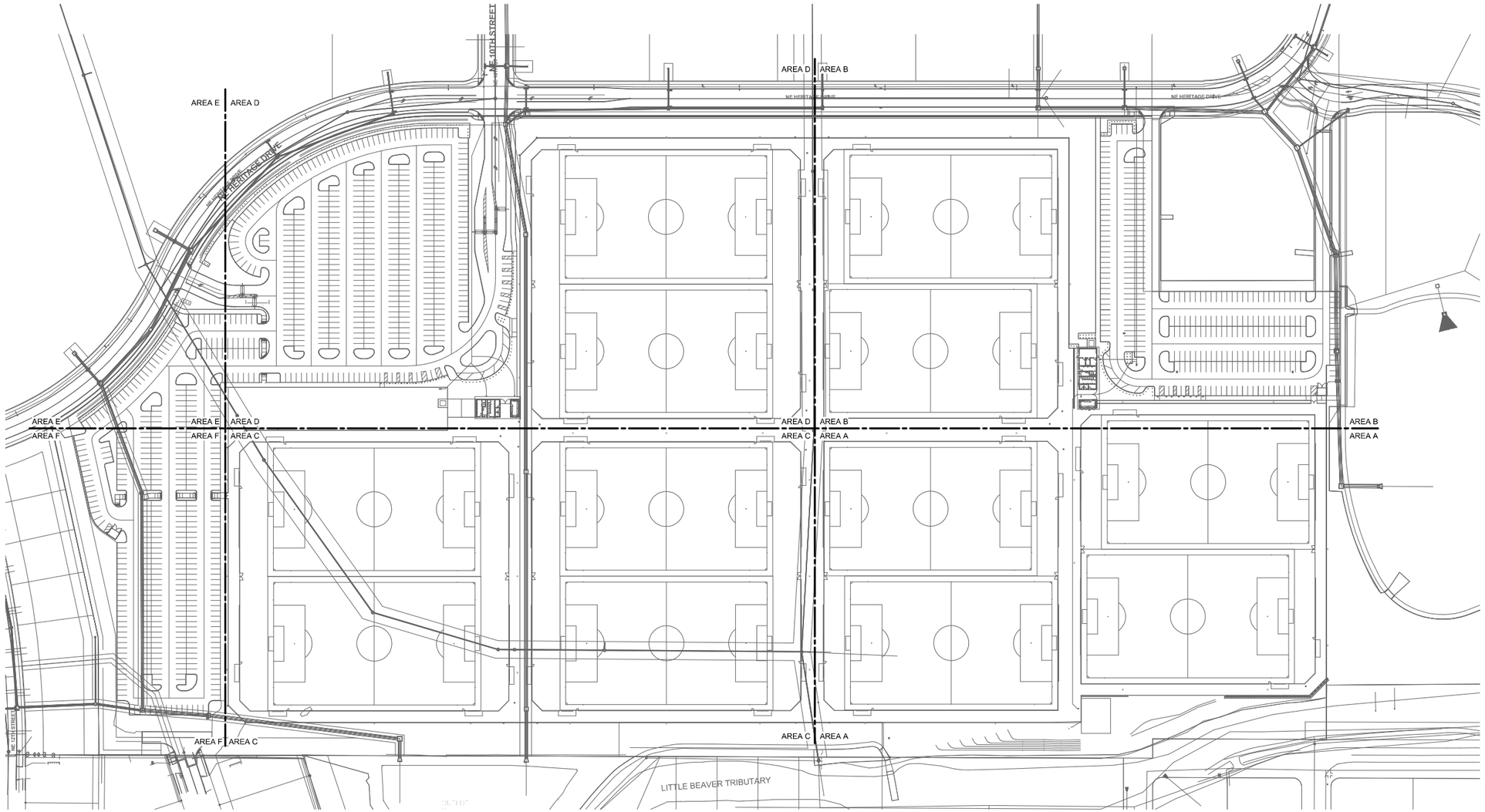
Issue: **100% CONSTRUCTION DOCUMENTS**
Date: **10/10/2022**
Project #: **22006558.00**
Drawn: **KYHIL**
Checked: **KRISPI**
Approved: **KRISPI**

SHEET TITLE
ELECTRICAL COVERSHEET

SCALE
Scale: **As indicated**

SHEET NUMBER
E000

22006558.00 10/11/2022 4:19:05 PM Grimes-IA-Grimes Plex



NORTH

1 **ELECTRICAL SITE PLAN OVERALL - AREAS**

1" = 200'-0"

22006558.00 10/11/2022 4:19:06 PM Grimes- IA-Grimes Plex

Grimes- IA-Grimes Plex

Project Address

City of Grimes

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The FUTURE. Built Smarter www.imegcorp.com
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CONSULTANT
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0 1 2 3
REF. SCALE IN INCHES

REVISIONS

No.	Date	Revision / Issue

SHEET INFORMATION

Issue	100% CONSTRUCTION DOCUMENTS
Date	10/10/2022
Project #	22006558.00
Drawn	KYHIL
Checked	KRISPI
Approved	KRISPI

SHEET TITLE

ELECTRICAL SITE PLAN OVERALL - AREAS

SCALE

Scale: 1" = 100'-0"

SHEET NUMBER

E001

SHEET NOTES:

1. ALL UNDERGROUND CIRCUITS SHALL BE ROUTED 30" BELOW FINISHED GRADE. COORDINATE EXACT ROUTING WITH CIVIL CONTRACTOR PRIOR TO INSTALLATION.

KEYNOTES: (#)

1. PROVIDE (2) 2" UNDERGROUND CONDUIT FROM DATA ROUGH-IN TO SOUTH SIDE MAINTENANCE BUILDING. EXACT CONDUIT STUB-UP LOCATION AT ADMINISTRATIVE BUILDING TO BE DETERMINED DURING CONSTRUCTION WITH APPROVAL FROM OWNERS REP.
2. DEVICE SHALL BE MOUNTED BELOW BENCH INSIDE OF DUGOUT. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
3. DEVICE SHALL BE CENTERED BEHIND BASEBALL FIELD BACKSTOP. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
4. PROVIDE EMPTY CONDUIT STUBBED UP ABOVE FINISHED CONCRETE AND CAPPED FOR FUTURE POWER. CONDUIT SHALL BE ROUTED BACK TO FUTURE ADMINISTRATIVE BUILDING.

AREA B
AREA C
AREA A
PL1-13/W
PH1-50,52,54/MUSCO LIGHTING/POLE-A23
PH1-49,51,53/MUSCO LIGHTING/POLE-A23
PH1-44,46,48/MUSCO LIGHTING/POLE-A26
PL1-3 W
PH1-43,45,47/MUSCO LIGHTING/POLE-A26
PL1-2/W
PH1-25,27,29/MUSCO LIGHTING/POLE-A25
PH1-26,28,30/MUSCO LIGHTING/POLE-A25
PL1-3 W
PH1-19,21,23/MUSCO LIGHTING/POLE-B11
PL1-5/W
PH1-20,22,24/MUSCO LIGHTING/POLE-B11
PH1-2,4,6/MUSCO LIGHTING/POLE-B13
PL1-3/W
PL1-2 W
PH1-1,3,5/MUSCO LIGHTING/POLE-A32
PL1-2/W
PL1-6/W
PH1-7,9,11/MUSCO LIGHTING/POLE-A29
PH1-8,10,12/MUSCO LIGHTING/POLE-A33
PL1-3/W
PL1-8/W
PH1-13,15,17/MUSCO LIGHTING/POLE-A22
PH1-14,16,18/MUSCO LIGHTING/POLE-A21

1 ELECTRICAL SITE PLAN - AREA A

1" = 80'-0"

NORTH

22006558.00 10/11/2022 4:19:06 PM Grimes- IA-Grimes Plex

Grimes- IA-Grimes Plex

Project Address

City of Grimes

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The FUTURE. Built Smarter www.imegcorp.com
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CONSULTANT
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KEY PLAN

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REF. SCALE IN INCHES

REVISIONS

No.	Date	Revision / Issue

SHEET INFORMATION

Issue	100% CONSTRUCTION DOCUMENTS
Date	10/10/2022
Project #	22006558.00
Drawn	KYHIL
Checked	KRISPI
Approved	KRISPI

SHEET TITLE

ELECTRICAL SITE PLAN - AREA A

SCALE

Scale: 1" = 40'-0"

SHEET NUMBER

E101

SHEET NOTES:

1. ALL UNDERGROUND CIRCUITS SHALL BE ROUTED 30" BELOW FINISHED GRADE. COORDINATE EXACT ROUTING WITH CIVIL CONTRACTOR PRIOR TO INSTALLATION.

KEYNOTES: (#)

1. REFER 1/E400 FOR EXTENDED POLE BASE DETAIL.
2. REFER 2/E400 FOR EXTERIOR LIGHTING CONTROL DETAIL.
3. PROVIDE (2) 2" UNDERGROUND CONDUIT FROM DATA ROUGH-IN TO SOUTH SIDE ADMINISTRATIVE BUILDING. EXACT CONDUIT STUB-UP LOCATION AT BUILDING TO BE DETERMINED DURING CONSTRUCTION WITH APPROVAL FROM OWNERS REP.
4. DEVICE SHALL BE MOUNTED BELOW BENCH INSIDE OF DUGOUT. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
5. DEVICE SHALL BE CENTERED BEHIND BASEBALL FIELD BACKSTOP. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
6. PROVIDE EMPTY CONDUIT STUBBED UP ABOVE FINISHED CONCRETE AND CAPPED FOR FUTURE POWER. CONDUIT SHALL BE ROUTED BACK TO FUTURE ADMINISTRATIVE BUILDING.

AREA D
AREA B
AREA A

NE HERITAGE DRIVE

PH1-55,57,59/MUSCO LIGHTING/POLE-A24
PH1-56,58,60/MUSCO LIGHTING/POLE-A28
PL1-7/W
PL1-4/W
PL1-9/W
PL1-10/W
PL1-2/W
PH1-31,33,35/MUSCO LIGHTING/POLE-B12
PH1-32,34,36/MUSCO LIGHTING/POLE-A27
PH1-38,40,42/MUSCO LIGHTING/POLE-A30
PH1-37,39,41/MUSCO LIGHTING/POLE-A31

TWO (2) 4" EMPTY UNDERGROUND PRIMARY CONDUITS FROM UTILITY TRANSFORMER TO MIDAMERICAN ENERGY CONNECTION. COORDINATE EXACT LOCATION WITH MIDAMERICAN PRIOR TO TRENCHING.

{LS1} P2A– PH1-92 +23'-0"
{LS1} P6– PH1-92 +23'-0"
{LS1} P2 PH1-92 +23'-0"

1 E200

1 ELECTRICAL SITE PLAN - AREA B

1" = 80'-0"

NORTH

Grimes- IA-Grimes Plex

Project Address

City of Grimes

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Checked	KRISPI
Approved	KRISPI

SHEET TITLE

ELECTRICAL SITE PLAN - AREA B

SCALE

Scale: 1" = 40'-0"

SHEET NUMBER

E102

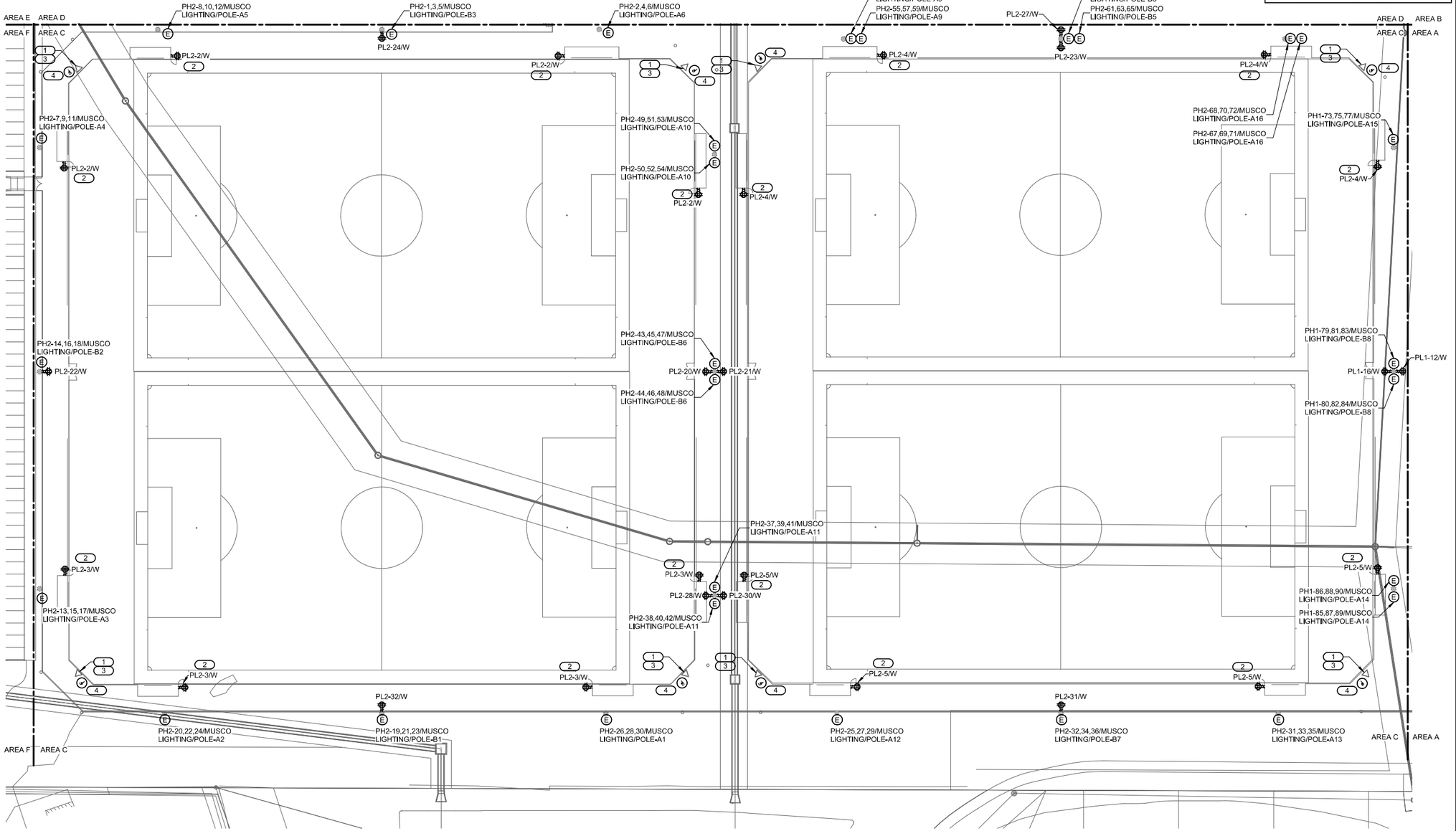
22006558.00 10/11/2022 4:19:07 PM Grimes-IA-Grimes Plex

SHEET NOTES:

1. ALL UNDERGROUND CIRCUITS SHALL BE ROUTED 30" BELOW FINISHED GRADE. COORDINATE EXACT ROUTING WITH CIVIL CONTRACTOR PRIOR TO INSTALLATION.

KEYNOTES: (#)

1. PROVIDE (2) 2" UNDERGROUND CONDUIT FROM DATA ROUGH-IN TO SOUTH SIDE MAINTENANCE BUILDING. EXACT CONDUIT STUB-UP LOCATION AT ADMINISTRATIVE BUILDING TO BE DETERMINED DURING CONSTRUCTION WITH APPROVAL FROM OWNERS REP.
2. DEVICE SHALL BE MOUNTED BELOW BENCH INSIDE OF DUGOUT. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
3. DEVICE SHALL BE CENTERED BEHIND BASEBALL FIELD BACKSTOP. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
4. PROVIDE EMPTY CONDUIT STUBBED UP ABOVE FINISHED CONCRETE AND CAPPED FOR FUTURE POWER. CONDUIT SHALL BE ROUTED BACK TO FUTURE ADMINISTRATIVE BUILDING.



1 ELECTRICAL SITE PLAN - AREA C

1" = 80'-0"

NORTH

22006558.00 10/11/2022 4:19:07 PM Grimes- IA-Grimes Plex

Grimes- IA-Grimes Plex

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Drawn	KYHIL
Checked	KRISPI
Approved	KRISPI

SHEET TITLE

ELECTRICAL SITE PLAN - AREA C

SCALE

Scale: 1" = 40'-0"

SHEET NUMBER

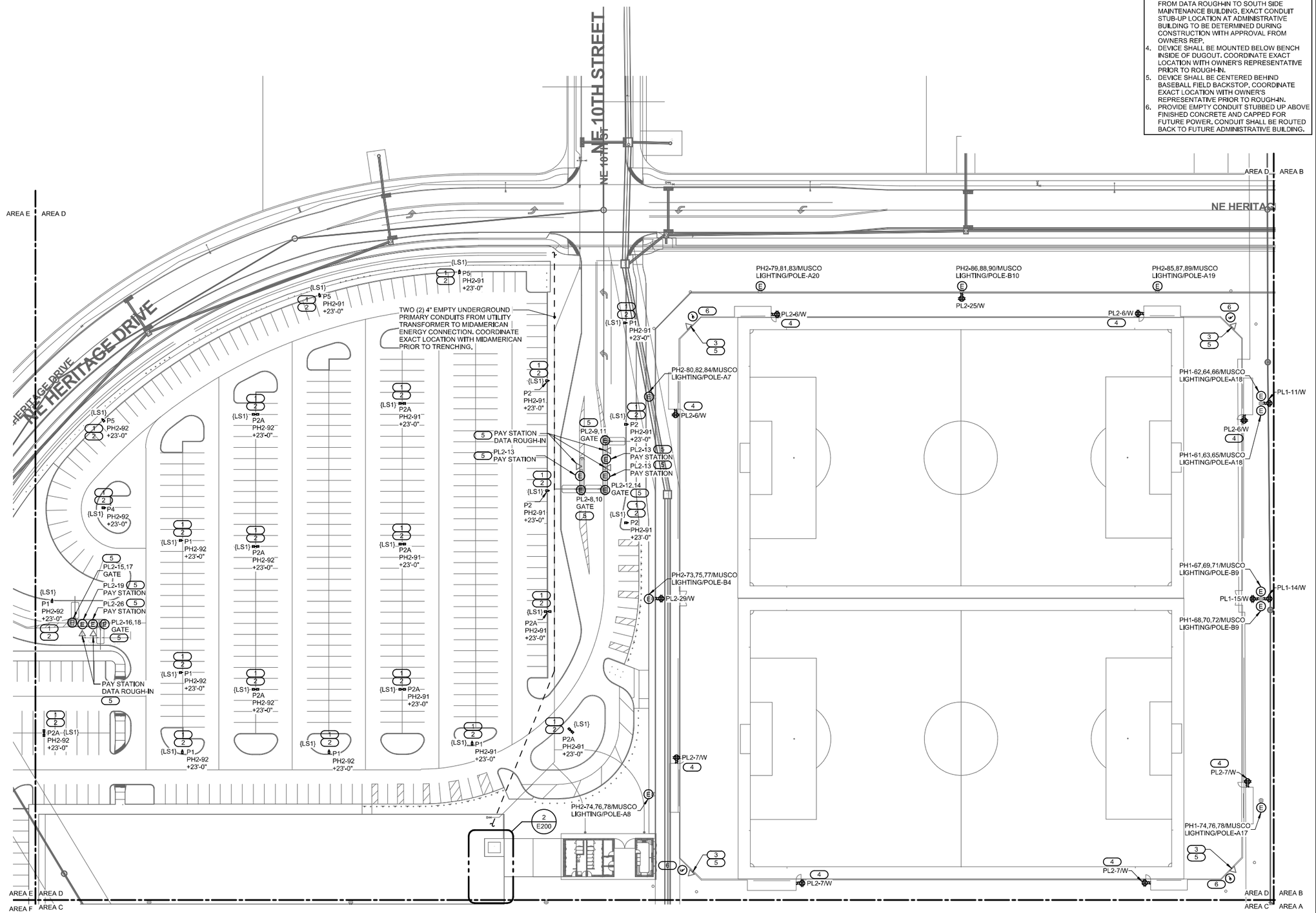
E103

SHEET NOTES:

1. ALL UNDERGROUND CIRCUITS SHALL BE ROUTED 30" BELOW FINISHED GRADE. COORDINATE EXACT ROUTING WITH CIVIL CONTRACTOR PRIOR TO INSTALLATION.

KEYNOTES: (#)

1. REFER 1/E400 FOR EXTENDED POLE BASE DETAIL.
2. REFER 5/E400 FOR EXTERIOR LIGHTING CONTROL DETAIL.
3. PROVIDE (2) 2" UNDERGROUND CONDUIT FROM DATA ROUGH-IN TO SOUTH SIDE MAINTENANCE BUILDING. EXACT CONDUIT STUB-UP LOCATION AT ADMINISTRATIVE BUILDING TO BE DETERMINED DURING CONSTRUCTION WITH APPROVAL FROM OWNERS REP.
4. DEVICE SHALL BE MOUNTED BELOW BENCH INSIDE OF DUGOUT. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
5. DEVICE SHALL BE CENTERED BEHIND BASEBALL FIELD BACKSTOP. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
6. PROVIDE EMPTY CONDUIT STUBBED UP ABOVE FINISHED CONCRETE AND CAPPED FOR FUTURE POWER. CONDUIT SHALL BE ROUTED BACK TO FUTURE ADMINISTRATIVE BUILDING.



NORTH

1 ELECTRICAL SITE PLAN - AREA D

1" = 80'-0"

22006558.00 10/11/2022 4:19:08 PM Grimes- IA-Grimes Plex

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Project #	22006558.00
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Checked	KRISPI
Approved	KRISPI

SHEET TITLE

ELECTRICAL SITE PLAN - AREA D

SCALE

Scale: 1" = 40'-0"

SHEET NUMBER

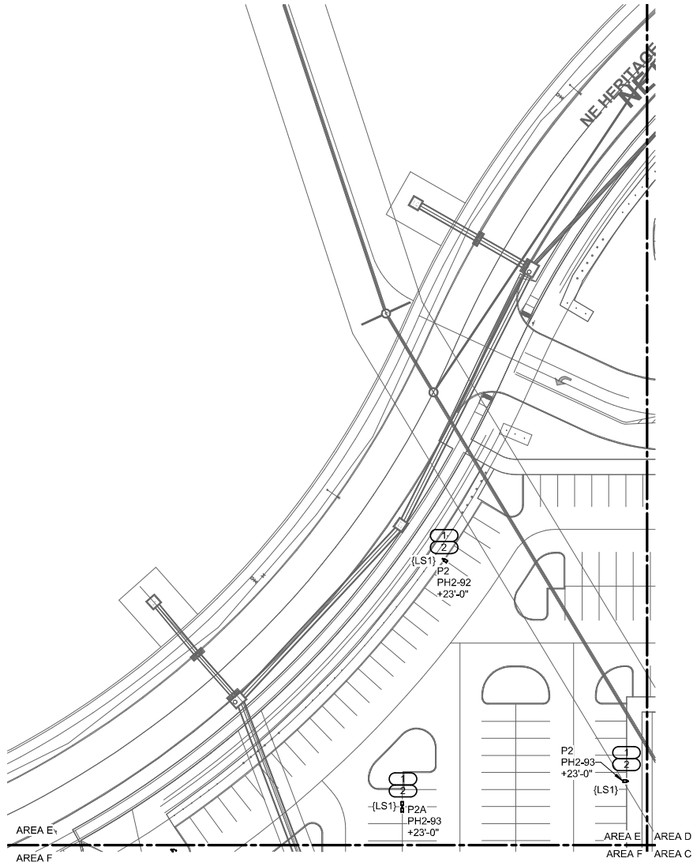
E104

SHEET NOTES:

1. ALL UNDERGROUND CIRCUITS SHALL BE ROUTED 30" BELOW FINISHED GRADE. COORDINATE EXACT ROUTING WITH CIVIL CONTRACTOR PRIOR TO INSTALLATION.

KEYNOTES: (#)

1. REFER 1/E400 FOR EXTENDED POLE BASE DETAIL.
2. REFER 5/E400 FOR EXTERIOR LIGHTING CONTROL DETAIL.



1 ELECTRICAL SITE PLAN - AREA E

1" = 80'-0"

NORTH

Grimes- IA-Grimes Plex

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Issue	100% CONSTRUCTION DOCUMENTS
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Project #	22006558.00
Drawn	KYHIL
Checked	KRISPI
Approved	KRISPI

SHEET TITLE

ELECTRICAL SITE PLAN - AREA E

SCALE

Scale: 1" = 40'-0"

SHEET NUMBER

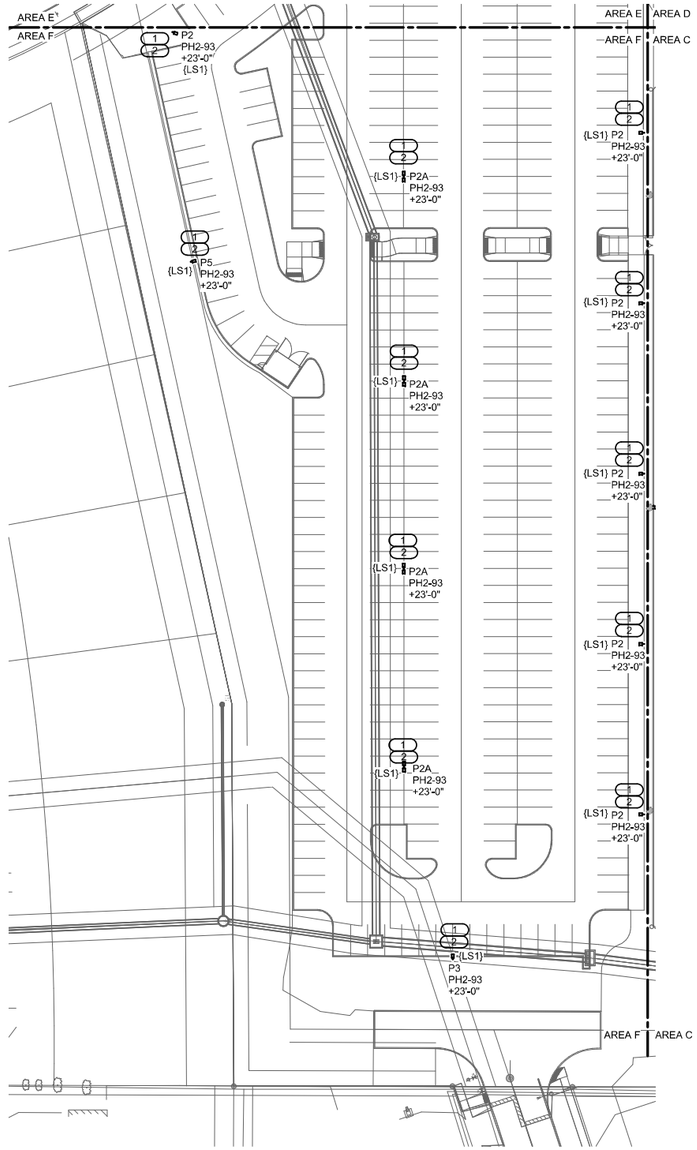
E105

SHEET NOTES:

1. ALL UNDERGROUND CIRCUITS SHALL BE ROUTED 30" BELOW FINISHED GRADE. COORDINATE EXACT ROUTING WITH CIVIL CONTRACTOR PRIOR TO INSTALLATION.

KEYNOTES: (#)

1. REFER 1/E400 FOR EXTENDED POLE BASE DETAIL.
2. REFER 5/E400 FOR EXTERIOR LIGHTING CONTROL DETAIL.



1 ELECTRICAL SITE PLAN - AREA F

1" = 80'-0"

NORTH

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Project Address

City of Grimes

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No.	Date	Revision / Issue

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Issue	100% CONSTRUCTION DOCUMENTS
Date	10/10/2022
Project #	22006558.00
Drawn	KYHIL
Checked	KRISPI
Approved	KRISPI

SHEET TITLE

ELECTRICAL SITE PLAN - AREA F

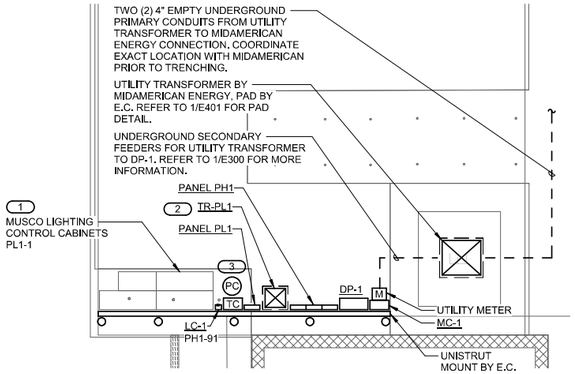
SCALE

Scale: 1" = 40'-0"

SHEET NUMBER

E106

22006558.00 10/11/2022 4:19:09 PM Grimes- IA-Grimes Plex

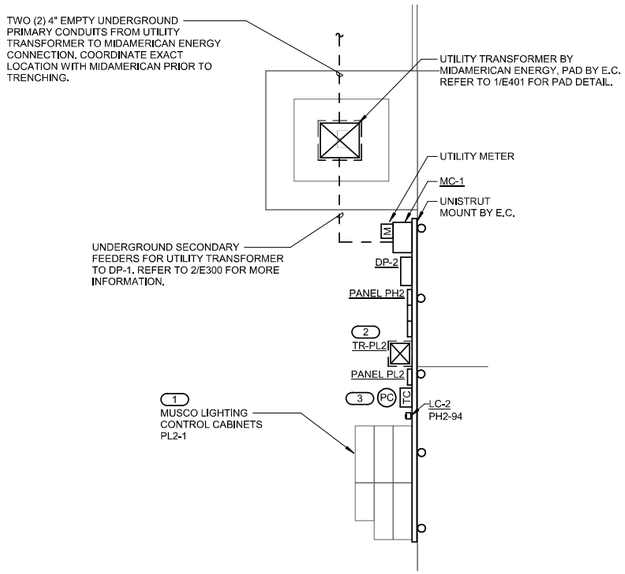


1 ELECTRICAL SITE PLAN - AREA B - SOUTH SIDE SERVICE ENTRANCE

1/16" = 1'-0"

KEYNOTES: (#)

1. LIGHTING CONTROL CABINETS PROVIDED BY MUSCO LIGHTING. E.C. SHALL PROVIDE CIRCUITING AND INSTALLATION OF PANELS.
2. REFER TO 3/E400 FOR PAD MOUNT DETAIL.
3. REFER 2/E401 FOR PHOTOCELL MOUNTING DETAIL.



2 ELECTRICAL SITE PLAN - AREA D - NORTH SIDE SERVICE ENTRANCE

1/16" = 1'-0"

KEYNOTES: (#)

1. LIGHTING CONTROL CABINETS PROVIDED BY MUSCO LIGHTING. E.C. SHALL PROVIDE CIRCUITING AND INSTALLATION OF PANELS.
2. REFER TO 3/E400 FOR PAD MOUNT DETAIL.
3. REFER 2/E401 FOR PHOTOCELL MOUNTING DETAIL.

Grimes- IA-Grimes Plex

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City of Grimes

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Approved	KRISPI

SHEET TITLE

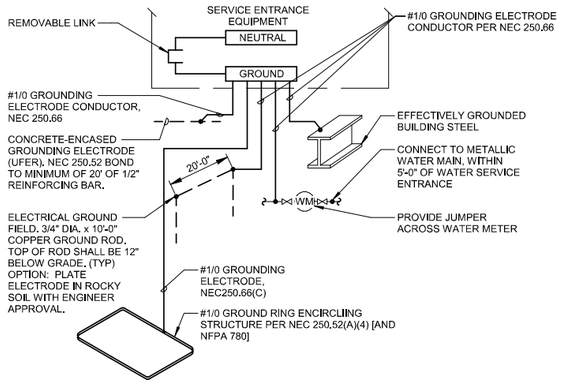
ELECTRICAL ENLARGED PLANS

SCALE

Scale: 1/8" = 1'-0"

SHEET NUMBER

E200

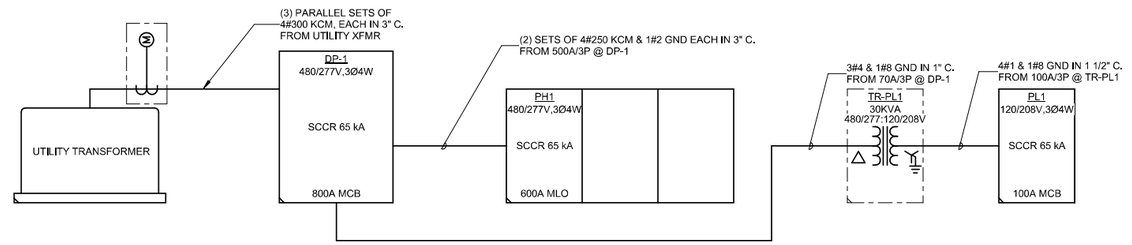


NOTES.

1. 1. REFER TO SPECIFICATION SECTION 26 05 26 GROUNDING AND BONDING

3 SERVICE ENTRANCE GROUNDING ELECTRODE SYSTEM DETAIL

NO SCALE

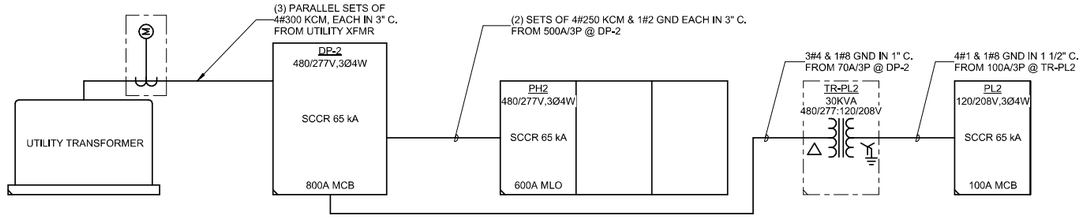


NOTES.

1. REFER TO 3/E300 FOR SERVICE ENTRANCE GROUNDING DETAIL.

1 AREA B - SOUTH SIDE SERVICE ENTRANCE - RISER DIAGRAM

NO SCALE



NOTES.

1. REFER TO 3/E300 FOR SERVICE ENTRANCE GROUNDING DETAIL.

2 AREA D - NORTH SIDE SERVICE ENTRANCE - RISER DIAGRAM

NO SCALE

22006558.00 10/11/2022 4:19:09 PM Grimes-IA-Grimes Plex

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Drawn	KYHIL
Checked	KRISPI
Approved	KRISPI

SHEET TITLE

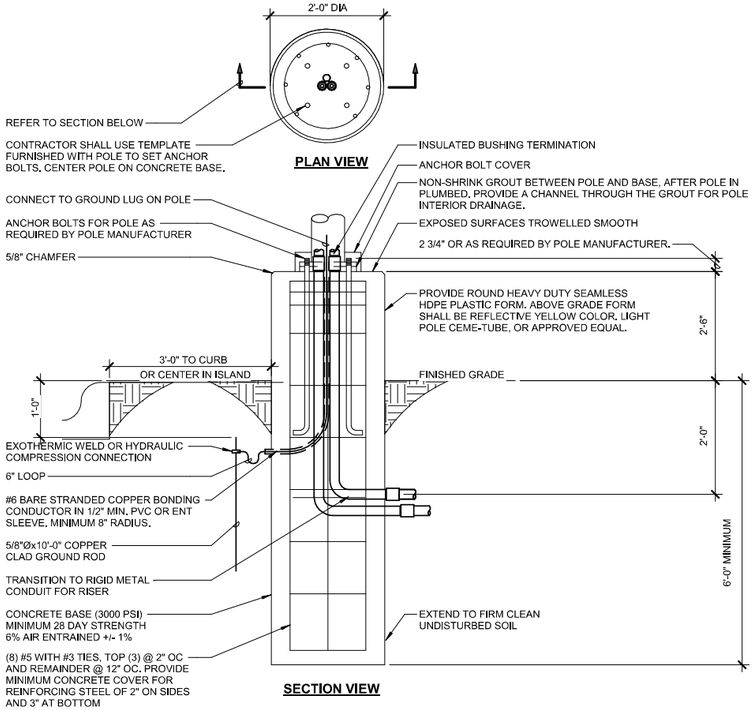
ELECTRICAL ONE-LINE

SCALE

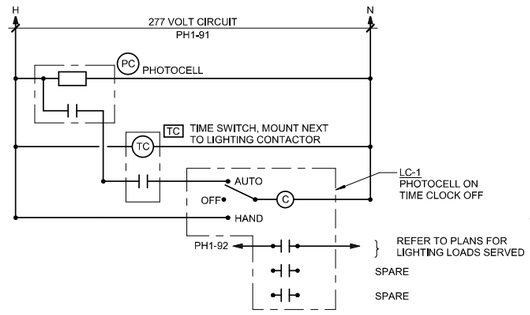
Scale: 12" = 1'-0"

SHEET NUMBER

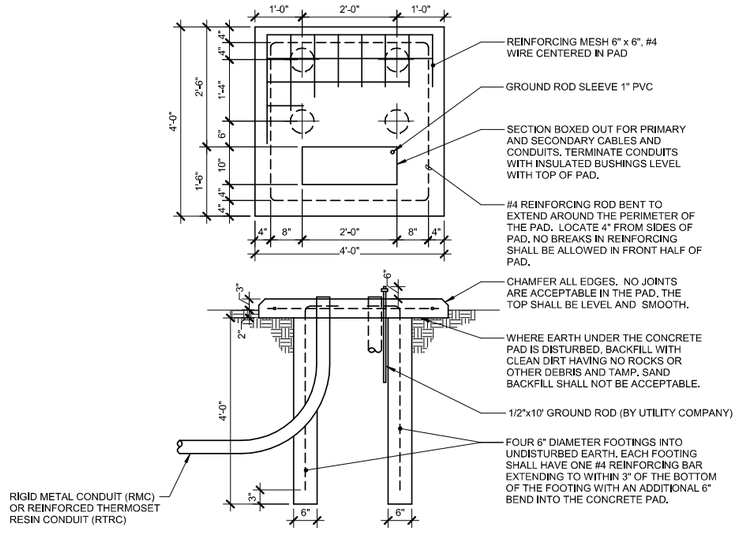
E300



1 EXTENDED POLE BASE DETAIL
NO SCALE



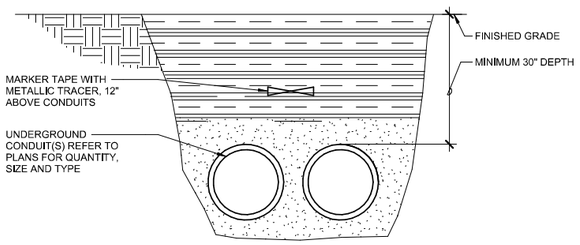
2 EXTERIOR LIGHTING CONTROL DETAIL-SOUTH SIDE
NO SCALE



NOTES:

1. CONCRETE: fc ≥ 3500 PSI AT 28 DAYS.
2. REINFORCING STEEL: ASTM A 615-60.
3. 6x6-4.5x4.5 WELDED WIRE FABRIC (WWF): ASTM A 185.
4. SOIL: ≥ 95 PERCENT PROCTOR DENSITY OR 55 PSI PBV.
5. GENERAL CONTRACTOR TO PROVIDE TRANSFORMER PAD AS SHOWN. E.C. TO COORDINATE CONDUIT ROUGH-IN WITH G.C.
6. (TRANSFORMER PAD DETAILS FOR BIDDING ONLY. VERIFY FINAL REQUIREMENTS AND DIMENSIONS WITH UTILITY COMPANY.)

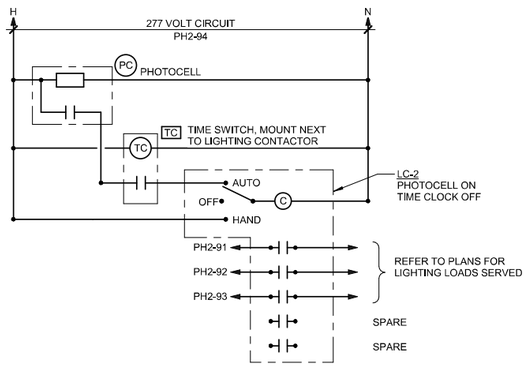
3 TRANSFORMER PAD DETAIL
NO SCALE



NOTES:

1. INSTALL 200 lb TENSILE STRENGTH PULL ROPE IN ALL EMPTY CONDUITS.
2. TRENCHING AND BACKFILL ACCORDING TO SPECIFICATION SECTION 26 05 00.

4 UNDERGROUND CONDUIT DETAIL
NO SCALE



5 EXTERIOR LIGHTING CONTROL DETAIL - NORTH SIDE
NO SCALE

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Project Address

City of Grimes

PROFESSIONAL SEAL

CONSULTANT
(MAY BE USED FOR ANY OTHER REQUIREMENT IF THERE IS NO CONSULTANT)

KEY PLAN

AGENCY APPROVAL

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<<<State Registration Number>>>

0 1 2 3
REF. SCALE IN INCHES

REVISIONS

No.	Date	Revision / Issue

SHEET INFORMATION

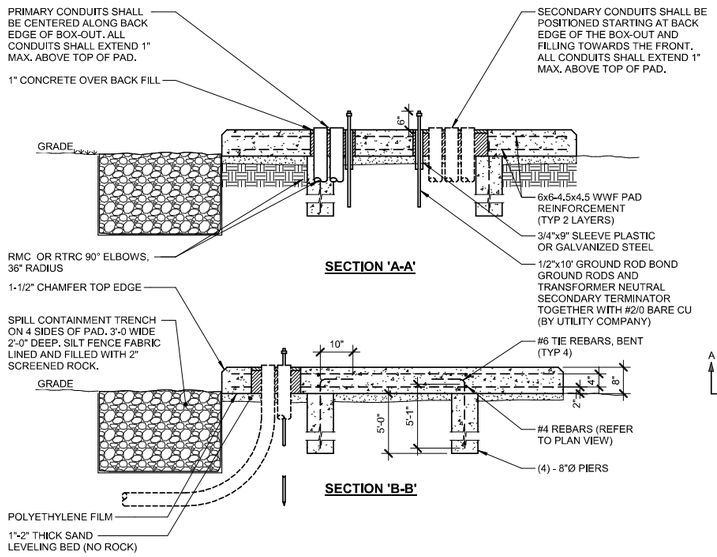
Issue	100% CONSTRUCTION DOCUMENTS
Date	10/10/2022
Project #	22006558.00
Drawn	KYHIL
Checked	KRISPI
Approved	KRISPI

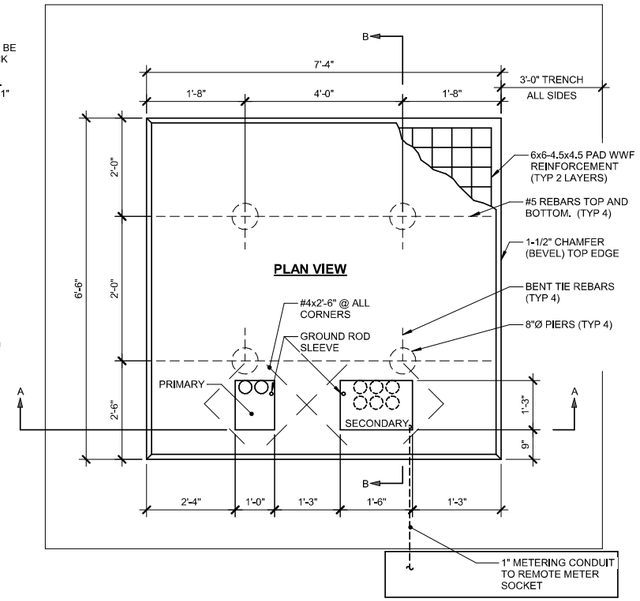
SHEET TITLE
ELECTRICAL DETAILS

SCALE
Scale: 12" = 1'-0"

SHEET NUMBER
E400

22006558.00 10/11/2022 4:19:10 PM Grimes-IA-Grimes Plex



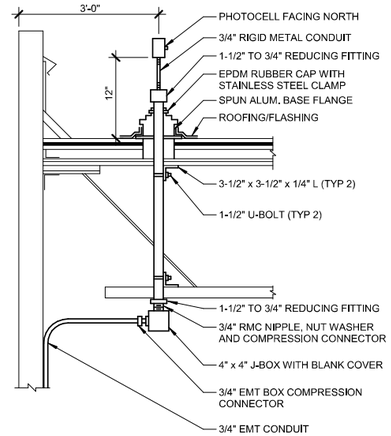


NOTES:

1. CONCRETE: fc ≥ 3500 PSI AT 28 DAYS.
2. REINFORCING STEEL: ASTM A 615-60.
3. 6x6-4.5x4.5 WELDED WIRE FABRIC (WWF): ASTM A 185.
4. SOIL: ≥ 95 PERCENT PROCTOR DENSITY OR 55 PSI PBV.
5. GENERAL CONTRACTOR TO PROVIDE TRANSFORMER PAD AS SHOWN. E.C. TO COORDINATE CONDUIT ROUGH-IN WITH G.C.
6. VERIFY FINAL REQUIREMENTS AND DIMENSIONS WITH UTILITY COMPANY.

1 TRANSFORMER PAD DETAIL (225-500 KVA)

NO SCALE



NOTES

1. STRUCTURAL DETAIL SHOWN IS TO BE REPRESENTATIVE ONLY. REFER TO ARCHITECTURAL DRAWINGS AND STRUCTURAL DRAWINGS FOR ACTUAL CONDITIONS ON THIS PROJECT.

2 PHOTOCELL MOUNTING DETAIL

NO SCALE

Grimes- IA-Grimes Plex

Project Address

City of Grimes

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E401

22006558.00 10/11/2022 4:19:10 PM Grimes- IA-Grimes Plex

LED LUMINAIRE SCHEDULE

(DESC) DOOR:	**DISTRIBUTION:**	**BEAMWIDTH:**	**(L/L) LENS/LOUVER:**	K19 - KSH19 ,156" ACRYLIC
FA - FLAT ALUMINUM	II - ANSI/ES TYPE 2 DISTRIBUTION	NSP - VERY NARROW SPOT	A - .125"ACRYLIC	M – MATTE DIFFUSE CLEAR
FS - FLAT STEEL	III - ANSI/ES TYPE 3 DISTRIBUTION	SP - SPOT	B - BAFFLE/LOUVER	N - NONE
RA - REGRESSED ALUMINUM	IV - ANSI/ES TYPE 4 DISTRIBUTION	MD - MEDIUM	C - CLEAR ALZAK	P - POLYCARBONATE
RS - REGRESSED STEEL	V - ANSI/ES TYPE 5 DISTRIBUTION	WD - WIDE	F - FROSTED ACRYLIC	R - HIGH IMPACT DR ACRYLIC
FINISH:		VWD - VERY WIDE	G - TEMPERED GLASS	SS – SEMI-SPECULAR CLEAR
PAF - PAINT AFTER FABRICATION		WW - WALL WASH	K - KSH12 .125" ACRYLIC	O - OTHER (SEE DESCRIPTION)
CFSA - COLOR-FINISH SELECTION BY ARCHITECT				[DESIGN SPECIFIC BLANKS]
(MTG) MOUNTING:	RE - RECESSED		**(WATT) PER: FIX - FIXTURE, FT - FOOT, LAMP**	
CL - CEILING SURFACE	SP - SUSPENDED		**(TYPE) LED**	RGB - COLOR CHANGING LED
CV - COVE	SU - SURFACE		LED - LIGHT EMITTING DIODE	RGBW - COLOR CHANGING + WHITE
FR - FLANGED RECESSED	UC - UNDER CABINET		TLED - TUBULAR LED LAMP	RGBA - COLOR CHANGING + AMBER
P - PERIMETER	WL - WALL		OLED - ORGANIC LED	RLED - RETROFIT LED
PL - POLE	O - OTHER (SEE DESCRIPTION)		DLED - DYNAMIC TUNABLE LED	WLED - WARM DIM LED
			O - OTHER	
(TYPE) DRIVER:				
0-10V - 0-10V DIMMING	EB - ELECTRONIC	HL - HIGH/LOW (100%/50%) STEP DIM		MV - MULTI-VOLTAGE ELECTRONIC
DALI - DIGITAL ADDRESSABLE	ELV - ELECTRONIC LOW VOLTAGE	LINE - LINE VOLTAGE DIMMING		REM - REMOTE
DMX - DIGITAL MULTIPLEX	EM - EMERGENCY BATTERY	ML - MULTI-LEVEL SWITCHING		O - OTHER (SEE DESCRIPTION)

CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE COMPLETE DESCRIPTION AND THE SPECIFICATION SHALL BE COORDINATED WITH THE CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN.

VERIFY AND COORDINATE ALL CEILING TYPES WITH LUMINAIRE MOUNTING AND TRIM REQUIREMENTS PRIOR TO THE RELEASE OF THE LUMINAIRE ORDER. CONFIRM ALL COLORS AND FINISHES OF ALL LUMINAIRE COMPONENTS WITH ARCHITECT AND INTERIOR DESIGNER PRIOR TO THE RELEASE OF THE LUMINAIRE ORDER. UNLESS INDICATED ON LIGHTING PLANS OR BELOW, REFER TO ARCHITECTURAL AND INTERIOR DESIGN ELEVATIONS, SECTIONS AND DETAILS FOR ALL SUSPENDED AND WALL MOUNTED LUMINAIRE MOUNTING HEIGHTS.

REFER TO SPECIFICATION SECTIONS LED LIGHTING 26 51 19 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
EXTERIOR CORRELATED COLOR TEMPERATURE 4000K, COLOR RENDERING INDEX (CRI) AT OR ABOVE 80, UNLESS NOTED OTHERWISE.

ITEM	DESCRIPTION	L/L	MTG	DIMENSIONS L	W	H	DIA	WATT MAX ANSI	PER	LED TYPE	QTY	DELIVERED LUMENS (MIN)	DRIVER VOLTS	TYPE	APPROVED MANUFACTURER / SERIES
P1	POLE MOUNTED SITE LUMINAIRE, SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, EXTERIOR PARTS ARE PROTECTED BY A ZINC-INFUSED SUPER DURABLE TGIC THERMOSET POWDER COAT. ACRYLIC LENSES. TYPE III DISTRIBUTION, UL LISTED FOR WET LOCATIONS. BLACK COLOR FINISH .20' TRADITIONAL STRAIGHT ROUND STEEL POLE WITH BLACK PAINTED FINISH.	O	PL	33"	13"	8"	NA	125	HEAD	LED		11,404	277	0-10V	LITHONIA LIGHTING DSX1-LED-P4-40K-T3M-MVOL-HS OR PRE-APPROVED EQUIVALEN
P2	POLE MOUNTED SITE LUMINAIRE, SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, EXTERIOR PARTS ARE PROTECTED BY A ZINC-INFUSED SUPER DURABLE TGIC THERMOSET POWDER COAT, ACRYLIC LENSES, TYPE IV DISTRIBUTION, UL LISTED FOR WET LOCATIONS. BLACK COLOR FINISH. 20' TRADITIONAL STRAIGHT ROUND STEEL POLE WITH BLACK PAINTED FINISH.	O	PL	30.5"	13.5"	3"	NA	125	HEAD	LED		11,006	277	0-10V	LITHONIA LIGHTING DSX1-LED-P4-40K-T4M-MVOL-HS OR PRE-APPROVED EQUIVALEN
P2A	DOUBLE HEAD, POLE MOUNTED SITE LUMINAIRE, SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, EXTERIOR PARTS ARE PROTECTED BY A ZINC-INFUSED SUPER DURABLE TGIC THERMOSET POWDER COAT, ACRYLIC LENSES. TYPE IV DISTRIBUTION, UL LISTED FOR WET LOCATIONS. BLACK COLOR FINISH. 20' TRADITIONAL STRAIGHT ROUND STEEL POLE WITH BLACK PAINTED FINISH.	O	PL	30,5"	13,5"	3"	NA	125	HEAD	LED		11,006	277	0-10V	LITHONIA LIGHTING QTY (2) DSX1-LED-P4-40K-T4M-MVOL-HS OR PRE-APPROVED EQUIVALEN
P3	POLE MOUNTED SITE LUMINAIRE, SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, EXTERIOR PARTS ARE PROTECTED BY A ZINC-INFUSED SUPER DURABLE TGIC THERMOSET POWDER COAT. ACRYLIC LENSES. TYPE III DISTRIBUTION, UL LISTED FOR WET LOCATIONS. BLACK COLOR FINISH. 20' TRADITIONAL STRAIGHT ROUND STEEL POLE WITH BLACK PAINTED FINISH.	O	PL	33"	13"	8"	NA	102	HEAD	LED		9,898	277	0-10V	LITHONIA LIGHTING DSX1-LED-P2-40K-T3M-MVOL-HS OR PRE-APPROVED EQUIVALEN
P4	POLE MOUNTED SITE LUMINAIRE, SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, EXTERIOR PARTS ARE PROTECTED BY A ZINC-INFUSED SUPER DURABLE TGIC THERMOSET POWDER COAT. ACRYLIC LENSES. TYPE V DISTRIBUTION, UL LISTED FOR WET LOCATIONS. BLACK COLOR FINISH. 20' TRADITIONAL STRAIGHT ROUND STEEL POLE WITH BLACK PAINTED FINISH.	O	PL	33"	13"	8"	NA	125	HEAD	LED		15,080	277	0-10V	LITHONIA LIGHTING DSX1-LED-P4-40K-T5S-MVOL OR PRE-APPROVED EQUIVALEN
P5	POLE MOUNTED SITE LUMINAIRE, SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, EXTERIOR PARTS ARE PROTECTED BY A ZINC-INFUSED SUPER DURABLE TGIC THERMOSET POWDER COAT, ACRYLIC LENSES, TYPE BACKLIGHT CONTROL DISTRIBUTION, UL LISTED FOR WET LOCATIONS, BLACK COLOR FINISH. 20' TRADITIONAL STRAIGHT ROUND STEEL POLE WITH BLACK PAINTED FINISH.	O	PL	33"	13"	8"	NA	125	HEAD	LED		11,877	277	0-10V	LITHONIA LIGHTING DSX1-LED-P4-40K-BLC-MVOL OR PRE-APPROVED EQUIVALEN
P6	POLE MOUNTED SITE LUMINAIRE, SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, EXTERIOR PARTS ARE PROTECTED BY A ZINC-INFUSED SUPER DURABLE TGIC THERMOSET POWDER COAT. ACRYLIC LENSES. TYPE IV DISTRIBUTION, UL LISTED FOR WET LOCATIONS. BLACK COLOR FINISH. 20' TRADITIONAL STRAIGHT ROUND STEEL POLE WITH BLACK PAINTED FINISH.	O	PL	30,5"	13,5"	3"	NA	138	HEAD	LED		12,025	277	0-10V	LITHONIA LIGHTING DSX1-LED-P5-40K-T4M-MVOL-HS OR PRE-APPROVED EQUIVALEN

PLAN ID	LIGHTING CONTROL SEQUENCE DESCRIPTION:
	NOTES: **1, {L##} DENOTES THE LIGHTING SEQUENCE OF OPERATIONS FOR THIS SPACE.** **2, [Z#] DENOTES LIGHTING CONTROL ZONE. PROVIDE SEPARATE CONTROL OF EACH CONTROLLED ZONE. LUMINAIRES ASSOCIATED WITH THE SAME ZONE SHALL OPERATE TOGETHER WITHIN THE SAME PROGRAMMED SCENE.** **4, VERIFY AND COORDINATE ALL TIME CLOCK SETTINGS WITH OWNER PRIOR TO FINAL PROGRAMMING.**
{LS1}	Sequence: Switched lights are controlled in this space. ON: The lights are turned on via exterior mounted photocell, when insufficient daylight is available. OFF: The lights automatically turn off by astronomic time switch.

DISTRIBUTION PANEL DP-1

ENCLOSURE: NEMA 3
FED FROM: --
LOCATION:

SOLID NEUTRAL GROUND BUS

MAIN: 800 A MCB
VOLTS: 480/277 Wye
PHASE: 3
WIRE: 4
SCCR: 65 kA
ISC UNKNOWN 0.00 kA

NOTES:

CKT	LOAD DESCRIPTION	Load	POLES	FRAME	TRIP	TYPE	ACC.	WIRE AND RACEWAY	CIRCUIT KEY
1	PH1	285,11 kVA	3	500 A	500 A			(2) SETS OF 4#250 KCM & 1#2 GND EACH IN ...	
2	TR-PL1	20.22 kVA	3	100 A	70 A			3#4 & 1#8 GND IN 1" C.	
3	SPACE FOR (1) 225A/3P BREAKER	–	3	--	–	–	–	–	–
4	SPACE FOR (1) 225A/3P BREAKER	–	3	--	–	–	–	–	–
5	SPACE FOR (1) 400A/3P BREAKER	–	3	--	–	–	–	–	–

LOAD SUMMARY (INCLUDES ALL TUBS IN THIS PANEL)

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Lighting	285,106 kVA	100,00%	285,106 kVA		
Power	1,5 kVA	100,00%	1,5 kVA	**TOTAL CONNECTED LOAD:**	305,33 kVA
Receptacles	18.72 kVA	76.71%	14.36 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	300.966 kVA
				TOTAL CONNECTED AMPS:	367,25 A
				TOTAL ESTIMATED DEMAND AMPS:	362 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS, THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

DISTRIBUTION PANEL DP-2

ENCLOSURE: NEMA 3
FED FROM: --
LOCATION:

SOLID NEUTRAL GROUND BUS

MAIN: 800 A MCB
VOLTS: 480/277 Wye
PHASE: 3
WIRE: 4
SCCR: 65 kA
ISC UNKNOWN 0.00 kA

NOTES:

CKT	LOAD DESCRIPTION	LOAD	POLES	FRAME	TRIP	TYPE	ACC.	WIRE AND RACEWAY	CIRCUIT KEY
1	PH2	251.5 kVA	3	600 A	500 A			(2) SETS OF 4#250 KCM & 1#2 GND EACH IN ...	
2	TR-PL2	32.04 kVA	3	100 A	70 A			3#4 & 1#8 GND IN 1" C.	
3	SPACE FOR (1) 225A/3P BREAKER	–	3	--	–	–	–	–	–
4	SPACE FOR (1) 225A/3P BREAKER	–	3	--	–	–	–	–	–

LOAD SUMMARY (INCLUDES ALL TUBS IN THIS PANEL)

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*	
Lighting	251,496 kVA	100.00%	251,496 kVA		
Power	9 kVA	100.00%	9 kVA	**TOTAL CONNECTED LOAD:**	283.54 kVA
Receptacles	23.04 kVA	71.70%	16.52 kVA	**TOTAL ESTIMATED DEMAND LOAD:**	277.016 kVA
				TOTAL CONNECTED AMPS:	341.04 A
				TOTAL ESTIMATED DEMAND AMPS:	333.2 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

TRANSFORMER SCHEDULE

TYPE:		ACCESSORIES & OPTIONS
K1 - DOE 2016 DRY TYPE	AUT - AUTOTRANSFORMER	AL - ALUMINUM WINDINGS
K4 - K4 RATED DRY TYPE	BB - BUCK BOOST	CU - COPPER WINDINGS
K13 - K13 RATED DRY TYPE	LIQ - LIQUID FILLED	RS - EPOXY RESIN ENCAPSULATED
HM - HARMONIC MITIGATING		FL - FILTERED
PE - NEMA PREMIUM EFFICIENCY		NV - NON-VENTILATED
		NL - 200% RATED NEUTRAL
		EL - ELECTROSTATIC SHIELD

ITEM	KVA RATING	TYPE	ENCLOSURE	MAX. TEMP. RISE C.	PRIMARY VOLTS	PRIMARY PH	SECONDARY VOLTS	SECONDARY PH	REQUIRED ACCESSORIES & OPTIONS	APPROVED MANUFACTURER
TR-PL1	30 kVA	K-1	NEMA 3	150	480	3	120/208	3	CU	SQUARE D 7400 EX SERIES EATON V48M SERIES GENERAL ELECTRIC 9T SERIES HAMMOND TYPE SG SIEMENS 3F3
TR-PL2	30 kVA	K-1	NEMA 3	150	480	3	120/208	3	CU	SQUARE D 7400 EX SERIES EATON V48M SERIES GENERAL ELECTRIC 9T SERIES HAMMOND TYPE SG SIEMENS 3F3

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SHEET TITLE

ELECTRICAL SCHEDULES

SCALE

Scale:

SHEET NUMBER

E500

PANEL PH1

MOUNTING: SURFACE
ENCLOSURE: NEMA 3
FED FROM: 500 A/3P @ DP-1
LOCATION:

SOLID NEUTRAL GROUND BUS

MAIN: 600 A MLO
VOLTS: 480/277 Wye
PHASE: 3
WIRE: 4
SCCR: 65 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE G	WIRE SIZE N	WIRE SIZE H	A		B		C		WIRE SIZE G	WIRE SIZE N	WIRE SIZE H	P	OCPD AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	MUSCO LIGHTING/POLE-A32	20 A	3	12	12	12	1.27	5.39					8	8	8	3	25 A	MUSCO LIGHTING/POLE-B13	2	
–	3	–	–	–	–	–	–			1.27	5.39			–	–	–	–	–	--	4	–
–	5	–	–	–	–	–	–					1.27	5.39	–	–	–	–	–	–	6	–
	7	MUSCO LIGHTING/POLE-A29	20 A	3	10	10	10	2.87	3.34					8	8	8	3	20 A	MUSCO LIGHTING/POLE-A33	8	
–	9	–	–	–	–	–	–			2.87	3.34			–	–	–	–	–	--	10	–
–	11	–	–	–	–	–	–					2.87	3.34	–	–	–	–	–	–	12	–
	13	MUSCO LIGHTING/POLE-A22	20 A	3	8	8	8	2.88	2.96					10	10	10	3	20 A	MUSCO LIGHTING/POLE-A21	14	
–	15	–	–	–	–	–	–			2.88	2.96			–	–	–	–	–	--	16	–
–	17	–	–	–	–	–	–					2.88	2.96	–	–	–	–	–	–	18	–
	19	MUSCO LIGHTING/POLE-B11	30 A	3	8	8	8	5.73	5.73					8	8	8	3	30 A	MUSCO LIGHTING/POLE-B11	20	
–	21	–	–	–	–	–	–			5.73	5.73			–	–	–	–	–	--	22	–
–	23	–	–	–	–	–	–					5.73	5.73	–	–	–	–	–	–	24	–
	25	MUSCO LIGHTING/POLE-A25	20 A	3	12	12	12	1.84	1.84					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A25	26	
–	27	–	–	–	–	–	–			1.84	1.84			–	–	–	–	–	--	28	–
–	29	–	–	–	–	–	–					1.84	1.84	–	–	–	–	–	–	30	–
	31	MUSCO LIGHTING/POLE-B12	30 A	3	10	10	10	5.73	1.93					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A27	32	
–	33	–	–	–	–	–	–			5.73	1.93			–	–	–	–	–	--	34	–
–	35	–	–	–	–	–	–					5.73	1.93	–	–	–	–	–	–	36	–
	37	MUSCO LIGHTING/POLE-A31	20 A	3	12	12	12	2.96	2.88					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A30	38	
–	39	–	–	–	–	–	–			2.96	2.88			–	–	–	–	–	--	40	–
–	41	–	–	–	–	–	–					2.96	2.88	–	–	–	–	–	–	42	–
	43	MUSCO LIGHTING/POLE-A26	20 A	3	12	12	12	2.88	2.88					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A26	44	
–	45	--	–	–	–	–	–			2.88	2.88			–	–	–	–	–	–	46	–
–	47	--	–	–	–	–	–					2.88	2.88	–	–	–	–	–	–	48	–
	49	MUSCO LIGHTING/POLE-A23	20 A	3	12	12	12	2.96	2.96					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A23	50	
–	51	--	–	–	–	–	–			2.96	2.96			–	–	–	–	–	–	52	–
–	53	--	–	–	–	–	–					2.96	2.96	–	–	–	–	–	–	54	–
	55	MUSCO LIGHTING/POLE-A24	20 A	3	10	10	10	2.53	2.96					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A28	56	
–	57	--	–	–	–	–	–			2.53	2.96			–	–	–	–	–	–	58	–
–	59	--	–	–	–	–	–					2.53	2.96	–	–	–	–	–	–	60	–
	61	MUSCO LIGHTING/POLE-A18	20 A	3	12	12	12	1.27	1.27					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A18	62	
–	63	--	–	–	–	–	–			1.27	1.27			–	–	–	–	–	–	64	–
–	65	--	–	–	–	–	–					1.27	1.27	–	–	–	–	–	–	66	–
	67	MUSCO LIGHTING/POLE-B9	25 A	3	8	8	8	5.5	5.5					8	8	8	3	25 A	MUSCO LIGHTING/POLE-B9	68	
–	69	--	–	–	–	–	–			5.5	5.5			–	–	–	–	–	–	70	–
–	71	--	–	–	–	–	–					5.5	5.5	–	–	–	–	–	–	72	–
	73	MUSCO LIGHTING/POLE-A15	20 A	3	12	12	12	1.27	1.27					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A17	74	
–	75	--	–	–	–	–	–			1.27	1.27			–	–	–	–	–	–	76	–
–	77	--	–	–	–	–	–					1.27	1.27	–	–	–	–	–	–	78	–
	79	MUSCO LIGHTING/POLE-B8	25 A	3	6	6	6	5.5	5.5					6	6	6	3	25 A	MUSCO LIGHTING/POLE-B8	80	
–	81	--	–	–	–	–	–			5.5	5.5			–	–	–	–	–	–	82	–
–	83	--	–	–	–	–	–					5.5	5.5	–	–	–	–	–	–	84	–
	85	MUSCO LIGHTING/POLE-A14	20 A	3	12	12	12	1.27	1.27					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A14	86	
–	87	--	–	–	–	–	–			1.27	1.27			–	–	–	–	–	–	88	–
–	89	--	–	–	–	–	–					1.27	1.27	–	–	–	–	–	–	90	–
	91	LC-1	20 A	1	12	12	12	0	2.73					8	8	8	1	20 A	SITE LIGHTING	92	
–	93	SPARE	20 A	1	–	–	–			0	0			–	–	–	1	20 A	SPARE	94	–
–	95	SPARE	20 A	1	–	–	–					0	0	–	–	–	1	20 A	SPARE	96	–
–	97	SPARE	20 A	1	–	–	–	0	0					–	–	–	1	20 A	SPARE	98	–
–	99	SPARE	20 A	1	–	–	–			0	0			–	–	–	1	20 A	SPARE	100	–
–	101	SPARE	20 A	1	–	–	–					0	0	–	–	–	1	20 A	SPARE	102	–
–	103	SPARE	20 A	1	–	–	–	0	0					–	–	–	1	20 A	SPARE	104	–
–	105	SPARE	20 A	1	–	–	–			0	0			–	–	–	1	20 A	SPARE	106	–
–	107	SPACE	–	1	–	–	–					–	–	–	–	–	1	–	SPACE	108	–
–	109	SPACE	–	1	–	–	–	--	–					–	–	–	1	–	SPACE	110	–
–	111	SPACE	–	1	–	–	–			–	–			–	–	–	1	–	SPACE	112	–
						Total Load:		96.85 kVA		94.13 kVA		94.13 kVA									
						Total Amps:		349.65		339.81		339.81									

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND
Lighting	285.106 kVA	100.00%	285.106 kVA

TOTALS*	
TOTAL CONNECTED LOAD:	285.11 kVA
TOTAL ESTIMATED DEMAND LOAD:	285.106 kVA
TOTAL CONNECTED AMPS:	342.93 A
TOTAL ESTIMATED DEMAND AMPS:	342.9 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL PH2

MOUNTING: SURFACE
ENCLOSURE: NEMA 3
FED FROM: 500 A/3P @ DP-2
LOCATION:

SOLID NEUTRAL GROUND BUS

MAIN: 600 A MLO
VOLTS: 480/277 Wye
PHASE: 3
WIRE: 4
SCCR: 65 kA
ISC UNKNOWN 0.00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE G	WIRE SIZE N	WIRE SIZE H	A		B		C		WIRE SIZE G	WIRE SIZE N	WIRE SIZE H	P	OCPD AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	MUSCO LIGHTING/POLE-B3	25 A	3	10	10	10	5.26	1.84					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A6	2	
–	3	–	–	–	–	–	–			5.26	1.84			–	–	–	–	–	–	4	–
–	5	–	–	–	–	–	–					5.26	1.84	–	–	–	–	–	–	6	–
	7	MUSCO LIGHTING/POLE-A4	20 A	3	12	12	12	1.27	1.27					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A5	8	
–	9	–	–	–	–	–	–			1.27	1.27			–	–	–	–	–	–	10	–
–	11	–	–	–	–	–	–					1.27	1.27	–	–	–	–	–	–	12	–
	13	MUSCO LIGHTING/POLE-A3	20 A	3	12	12	12	1.27	5.26					8	8	8	3	25 A	MUSCO LIGHTING/POLE-B2	14	
–	15	–	–	–	–	–	–			1.27	5.26			–	–	–	–	–	–	16	–
–	17	–	–	–	–	–	–					1.27	5.26	–	–	–	–	–	–	18	–
	19	MUSCO LIGHTING/POLE-B1	25 A	3	8	8	8	5.26	1.27					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A2	20	
–	21	–	–	–	–	–	–			5.26	1.27			–	–	–	–	–	–	22	–
–	23	–	–	–	–	–	–					5.26	1.27	–	–	–	–	–	–	24	–
	25	MUSCO LIGHTING/POLE-A12	20 A	3	12	12	12	1.27	1.27					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A1	26	
–	27	–	–	–	–	–	–			1.27	1.27			–	–	–	–	–	–	28	–
–	29	–	–	–	–	–	–					1.27	1.27	–	–	–	–	–	–	30	–
	31	MUSCO LIGHTING/POLE-A13	20 A	3	12	12	12	1.27	5.26					6	6	6	3	25 A	MUSCO LIGHTING/POLE-B7	32	
–	33	–	–	–	–	–	–			1.27	5.26			–	–	–	–	–	–	34	–
–	35	–	–	–	–	–	–					1.27	5.26	–	–	–	–	–	–	36	–
	37	MUSCO LIGHTING/POLE-A11	20 A	3	12	12	12	1.27	1.27					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A11	38	
–	39	–	–	–	–	–	–			1.27	1.27			–	–	–	–	–	–	40	–
–	41	–	–	–	–	–	–					1.27	1.27	–	–	–	–	–	–	42	–
	43	MUSCO LIGHTING/POLE-B6	25 A	3	10	10	10	5.26	5.26					10	10	10	3	25 A	MUSCO LIGHTING/POLE-B6	44	
–	45	–	–	–	–	–	–			5.26	5.26			–	–	–	–	–	–	46	–
–	47	–	–	–	–	–	–					5.26	5.26	–	–	–	–	–	–	48	–
	49	MUSCO LIGHTING/POLE-A10	20 A	3	12	12	12	1.84	1.84					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A10	50	
–	51	–	–	–	–	–	–			1.84	1.84			–	–	–	–	–	–	52	–
–	53	–	–	–	–	–	–					1.84	1.84	–	–	–	–	–	–	54	–
	55	MUSCO LIGHTING/POLE-A9	20 A	3	12	12	12	1.84	1.84					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A9	56	
–	57	–	–	–	–	–	–			1.84	1.84			–	–	–	–	–	–	58	–
–	59	–	–	–	–	–	–					1.84	1.84	–	–	–	–	–	–	60	–
	61	MUSCO LIGHTING/POLE-B5	25 A	3	10	10	10	5.26	5.26					10	10	10	3	25 A	MUSCO LIGHTING/POLE-B5	62	
–	63	–	–	–	–	–	–			5.26	5.26			–	–	–	–	–	–	64	–
–	65	–	–	–	–	–	–					5.26	5.26	–	–	–	–	–	–	66	–
	67	MUSCO LIGHTING/POLE-A16	20 A	3	12	12	12	1.27	1.27					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A16	68	
–	69	–	–	–	–	–	–			1.27	1.27			–	–	–	–	–	–	70	–
–	71	–	–	–	–	–	–					1.27	1.27	–	–	–	–	–	–	72	–
	73	MUSCO LIGHTING/POLE-B4	25 A	3	10	10	10	5.26	1.84					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A8	74	
–	75	–	–	–	–	–	–			5.26	1.84			–	–	–	–	–	–	76	–
–	77	–	–	–	–	–	–					5.26	1.84	–	–	–	–	–	–	78	–
	79	MUSCO LIGHTING/POLE-A20	20 A	3	12	12	12	1.27	1.27					12	12	12	3	20 A	MUSCO LIGHTING/POLE-A7	80	
–	81	–	–	–	–	–	–			1.27	1.27			–	–	–	–	–	–	82	–
–	83	–	–	–	–	–	–					1.27	1.27	–	–	–	–	–	–	84	–
	85	MUSCO LIGHTING/POLE-A19	20 A	3	12	12	12	1.27	5.26					6	6	6	3	25 A	MUSCO LIGHTING/POLE-B10	86	
–	87	–	–	–	–	–	–			1.27	5.26			–	–	–	–	–	–	88	–
–	89	–	–	–	–	–	–					1.27	5.26	–	–	–	–	–	–	90	–
	91	SITE LIGHTING	20 A	1	8	8	8	2.5	2.22					8	8	8	1	20 A	SITE LIGHTING	92	
	93	SITE LIGHTING	20 A	1	6	6	6			2.61	0						1	20 A	LC-2	94	
–	95	SPARE	20 A	1	–	–	–					0	0	–	–	–	1	20 A	SPARE	96	–
–	97	SPARE	20 A	1	–	–	–	0	0					–	–	–	1	20 A	SPARE	98	–
–	99	SPARE	20 A	1	–	–	–			0	0			–	–	–	1	20 A	SPARE	100	–
–	101	SPARE	20 A	1	–	–	–					0	0	–	–	–	1	20 A	SPARE	102	–
–	103	SPARE	20 A	1	–	–	–	0	0					–	–	–	1	20 A	SPARE	104	–
–	105	SPARE	20 A	1	–	–	–			0	0			–	–	–	1	20 A	SPARE	106	–
–	107	SPACE	–	1	–	–	–					–	–	–	–	–	1	–	SPACE	108	–
–	109	SPACE	–	1	–	–	–	–	–					–	–	–	1	–	SPACE	110	–
–	111	SPACE	–	1	–	–	–			–	–			–	–	–	1	–	SPACE	112	–
						Total Load:		86.11 kVA		84.00 kVA		81.39 kVA									
						Total Amps:		312.32		304.70		293.81									

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND
Lighting	251.496 kVA	100.00%	251.496 kVA

TOTALS*	
TOTAL CONNECTED LOAD:	251.50 kVA
TOTAL ESTIMATED DEMAND LOAD:	251.496 kVA
TOTAL CONNECTED AMPS:	302.50 A
TOTAL ESTIMATED DEMAND AMPS:	302.5 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

Grimes- IA-Grimes Plex

Project Address

City of Grimes

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The FUTURE. Built Smarter www.imegcorp.com
2882 106TH STREET
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P: 515.334.9906 F: 515.334.9908

PROFESSIONAL SEAL

CONSULTANT
(MAY BE USED FOR ANY OTHER REQUIREMENT IF THERE IS NO CONSULTANT)

KEY PLAN

AGENCY APPROVAL

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<<<State Registration Number>>>
0 1 2 3
REF. SCALE IN INCHES

REVISIONS

No.	Date	Revision / Issue

SHEET INFORMATION

Issue	**100% CONSTRUCTION DOCUMENTS**
Date	**10/10/2022**
Project #	**22006558.00**
Drawn	**KYHIL**
Checked	**KRISPI**
Approved	**KRISPI**

SHEET TITLE
ELECTRICAL SCHEDULES

SCALE
Scale:

SHEET NUMBER
E501

PANEL PL1

MOUNTING: SURFACE
ENCLOSURE: NEMA 3
FED FROM: 100 A/3P @ TR-PL1
LOCATION:

SOLID NEUTRAL GROUND BUS

MAIN: 100 A MCB
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 65 kA
ISC UNKNOWN 0,00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	WIRE SIZE N	WIRE SIZE G	A	B	C	WIRE SIZE G	WIRE SIZE N	WIRE SIZE H	P	OCPD AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	CONTROL CABINET	20 A	1	12	12	12	1,5	1,44		6	6	6	1	20 A	DUGOUT RECEPTACLES	2	
	3	DUGOUT RECEPTACLES	20 A	1	6	6	6			1,44	1,44	6	6	6	1	20 A	DUGOUT RECEPTACLES	4	
	5	MOBILE SCOREBOARD	20 A	1	4	4	4					1,2	1,2	3	3	3	1	20 A	MOBILE SCOREBOARD	6	
	7	MOBILE SCOREBOARD	20 A	1	4	4	4	1,2	1,2					3	3	3	1	20 A	MOBILE SCOREBOARD	8	
	9	MOBILE SCOREBOARD	20 A	1	8	8	8			1,2	1,2			6	6	6	1	20 A	MOBILE SCOREBOARD	10	
	11	MOBILE SCOREBOARD	20 A	1	4	4	4					1,2	1,2	3	3	3	1	20 A	MOBILE SCOREBOARD	12	
	13	MOBILE SCOREBOARD	20 A	1	6	6	6	1,2	1,2					4	4	4	1	20 A	MOBILE SCOREBOARD	14	
	15	MOBILE SCOREBOARD	20 A	1	4	4	4			1,2	1,2			3	3	3	1	20 A	MOBILE SCOREBOARD	16	
–	17	SPARE	20 A	1	--	--	–					0	0	–	–	–	1	20 A	SPARE	18	–
–	19	SPARE	20 A	1	--	--	–	0	0					–	–	–	1	20 A	SPARE	20	–
–	21	SPARE	20 A	1	--	--	–			0	0			–	–	–	1	20 A	SPARE	22	–
–	23	SPARE	20 A	1	--	--	–					0	0	–	–	–	1	20 A	SPARE	24	–
–	25	SPARE	20 A	1	--	--	–	0	0					–	–	–	1	20 A	SPARE	26	–
–	27	SPARE	20 A	1	--	--	–			0	0			–	–	–	1	20 A	SPARE	28	–
–	29	SPARE	20 A	1	--	--	–					0	0	–	–	–	1	20 A	SPARE	30	–
–	31	SPARE	20 A	1	--	--	–	0	0					–	–	–	1	20 A	SPARE	32	–
–	33	SPARE	20 A	1	--	--	–			0	0			–	–	–	1	20 A	SPARE	34	–
–	35	SPACE	--	1	--	--	–					--	–	–	–	–	1	–	SPACE	36	–
–	37	SPACE	--	1	--	--	–	–	--					–	–	–	1	–	SPACE	38	–
–	39	SPACE	--	1	--	--	–			–	–			–	–	–	1	–	SPACE	40	–
–	41	SPACE	--	1	--	--	–					--	–	–	–	–	1	–	SPACE	42	–
					Total Load:			7,74 kVA		7,68 kVA			4,80 kVA							
					Total Amps:			68,19		67,69			40,00							

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND
Power	1,5 kVA	100,00%	1,5 kVA
Receptacles	18,72 kVA	76,71%	14,36 kVA

TOTALS*	
TOTAL CONNECTED LOAD:	20,22 kVA
TOTAL ESTIMATED DEMAND LOAD:	15.86 kVA
TOTAL CONNECTED AMPS:	56,13 A
TOTAL ESTIMATED DEMAND AMPS:	44 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

PANEL PL2

MOUNTING: SURFACE
ENCLOSURE: NEMA 3
FED FROM: 100 A/3P @ TR-PL2
LOCATION:

SOLID NEUTRAL GROUND BUS

MAIN: 100 A MCB
VOLTS: 120/208 Wye
PHASE: 3
WIRE: 4
SCCR: 65 kA
ISC UNKNOWN 0,00 kA

NOTES:

KEY	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	WIRE SIZE H	WIRE SIZE N	WIRE SIZE G	A	B	C	WIRE SIZE G	WIRE SIZE N	WIRE SIZE H	P	OCPD AMPS	LOAD DESCRIPTION	CKT NO.	KEY
	1	CONTROL CABINET	20 A	1	12	12	12	1,5	1,44		8	8	8	1	20 A	DUGOUT RECEPTACLES	2	
	3	DUGOUT RECEPTACLES	20 A	1	6	6	6			1,44	1,44	6	6	6	1	20 A	DUGOUT RECEPTACLES	4	
	5	DUGOUT RECEPTACLES	20 A	1	6	6	6					1,44	1,44	6	6	6	1	20 A	DUGOUT RECEPTACLES	6	
	7	DUGOUT RECEPTACLES	20 A	1	6	6	6	1,44	0,5					10	8	8	2	20 A	GATE	8	
	9	GATE	20 A	2	8	8	10			0,5	0,5			–	–	–	--	–	–	10	–
--	11	--	–	–	–	–	–					0,5	0,5	10	8	8	2	20 A	GATE	12	
	13	PAY STATION	20 A	1	8	8	8	1,5	0,5					–	–	–	--	–	–	14	–
	15	GATE	20 A	2	8	8	10			0,5	0,5			10	8	8	2	20 A	GATE	16	
--	17	--	–	–	–	–	–					0,5	0,5	–	–	–	--	–	–	18	–
	19	PAY STATION	20 A	1	8	8		0,5	1,2					6	6	6	1	20 A	RECEPTACLES	20	
	21	MOBILE SCOREBOARD	20 A	1	6	6	6			1,2	1,2			4	4	4	1	20 A	RECEPTACLES	22	
	23	MOBILE SCOREBOARD	20 A	1	4	4	4					1,2	1,2	8	8	8	1	20 A	RECEPTACLES	24	
	25	MOBILE SCOREBOARD	20 A	1	3	3	3	1,2	0,5					8	8	8	1	20 A	PAY STATION	26	
	27	MOBILE SCOREBOARD	20 A	1	4	4	4			1,2	1,2			4	4	4	1	20 A	MOBILE SCOREBOARD	28	
	29	MOBILE SCOREBOARD	20 A	1	6	6	6					1,2	1,2	4	4	4	1	20 A	MOBILE SCOREBOARD	30	
	31	MOBILE SCOREBOARD	20 A	1	3	3	3	1,2	1,2					4	4	4	1	20 A	MOBILE SCOREBOARD	32	
--	33	SPARE	20 A	1	–	–	–			0	0			–	–	–	1	20 A	SPARE	34	–
--	35	SPARE	20 A	1	–	–	–					0	0	–	–	–	1	20 A	SPARE	36	–
--	37	SPARE	20 A	1	–	–	–	0	0					–	–	–	1	20 A	SPARE	38	–
--	39	SPACE	–	1	–	–	–			–	--			–	–	–	1	–	SPACE	40	–
--	41	SPACE	–	1	–	–	–					–	–	–	–	–	1	–	SPACE	42	–
					Total Load:			12,68 kVA		9,68 kVA			9,68 kVA							
					Total Amps:			105,67		80,67			80,67							

LOAD SUMMARY

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND
Power	9 kVA	100,00%	9 kVA
Receptacles	23,04 kVA	71,70%	16,52 kVA

TOTALS*	
TOTAL CONNECTED LOAD:	32,04 kVA
TOTAL ESTIMATED DEMAND LOAD:	25.52 kVA
TOTAL CONNECTED AMPS:	88,93 A
TOTAL ESTIMATED DEMAND AMPS:	70,8 A

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

Grimes- IA-Grimes Plex

Project Address

City of Grimes

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2882 106TH STREET
DES MOINES, IA 50322
P: 515.334.9906 F: 515.334.9908

PROFESSIONAL SEAL

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KEY PLAN

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<<<State Registration Number>>>

0 1 2 3
REF. SCALE IN INCHES

REVISIONS

No.	Date	Revision / Issue

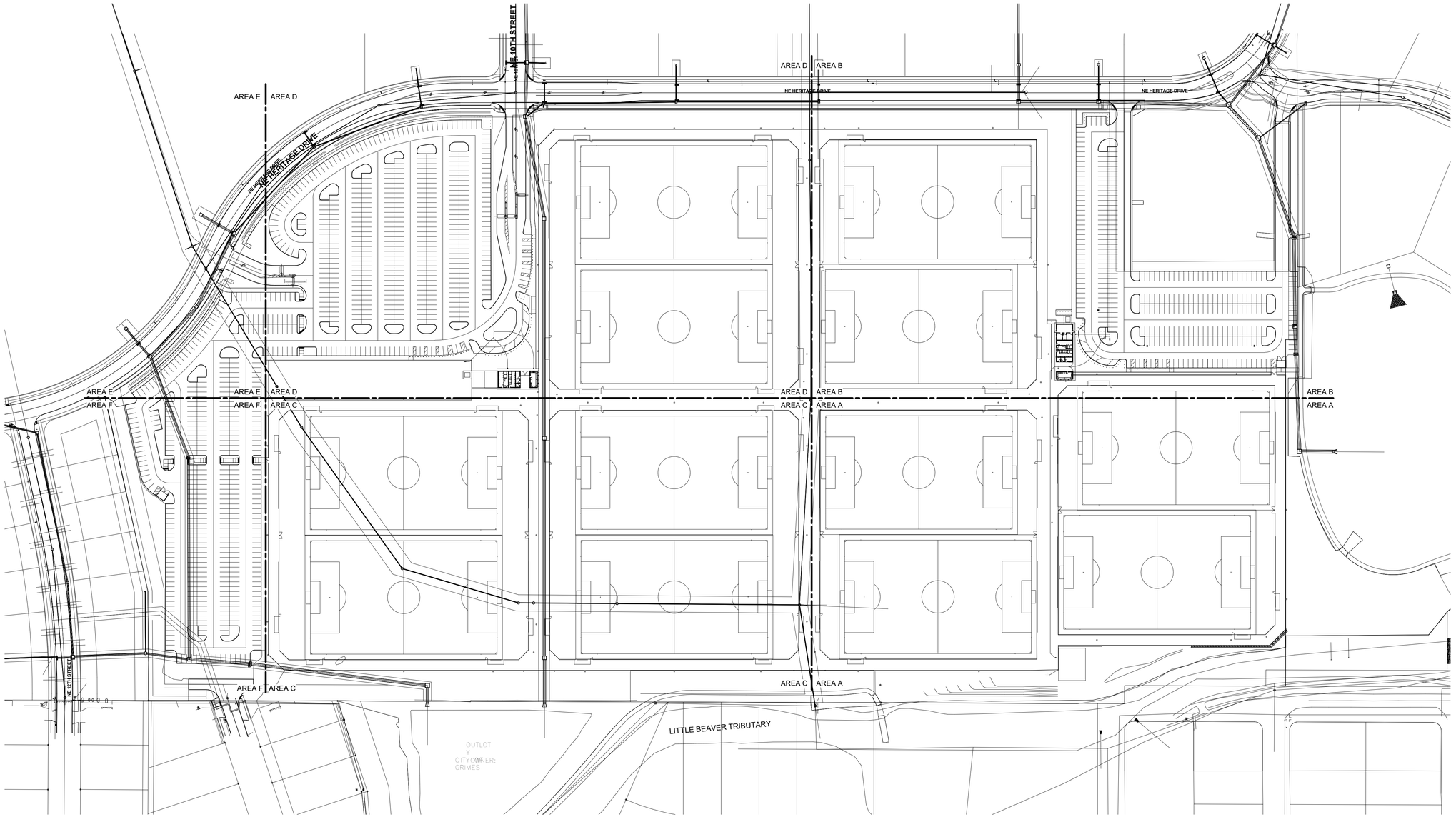
SHEET INFORMATION

Issue	**100% CONSTRUCTION DOCUMENTS**
Date	**10/10/2022**
Project #	**22006558.00**
Drawn	**KYHIL**
Checked	**KRISPI**
Approved	**KRISPI**

SHEET TITLE
ELECTRICAL SCHEDULES

SCALE
Scale:

SHEET NUMBER
E503



NORTH

1 **ELECTRICAL SITE PLAN OVERALL - AREAS**

1" = 100'-0"

PLACE LOGO HERE IF APPLICABLE

Grimes- IA-Grimes Plex

Project Address

City of Grimes

IMEG
The FUTURE. Built Smarter www.imegcorp.com
NUMBER AND ADDRESS
SUITE NO.
CITY, STATE ZIP CODE
P: 555.555.555 F: 555.555.5555

PROFESSIONAL SEAL

CONSULTANT
(MAY BE USED FOR ANY OTHER REQUIREMENT IF THERE IS NO CONSULTANT)

KEY PLAN

AGENCY APPROVAL

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<<<State Registration Number>>>

0 1 2 3

REF. SCALE IN INCHES

REVISIONS

No.	Date	Revision / Issue

SHEET INFORMATION

Issue	**CITY REVIEW - PHOTOMETRICS**
Date	**09/28/2022**
Project #	**22006558.00**
Drawn	**Author**
Checked	**Checker**
Approved	**Approver**

SHEET TITLE

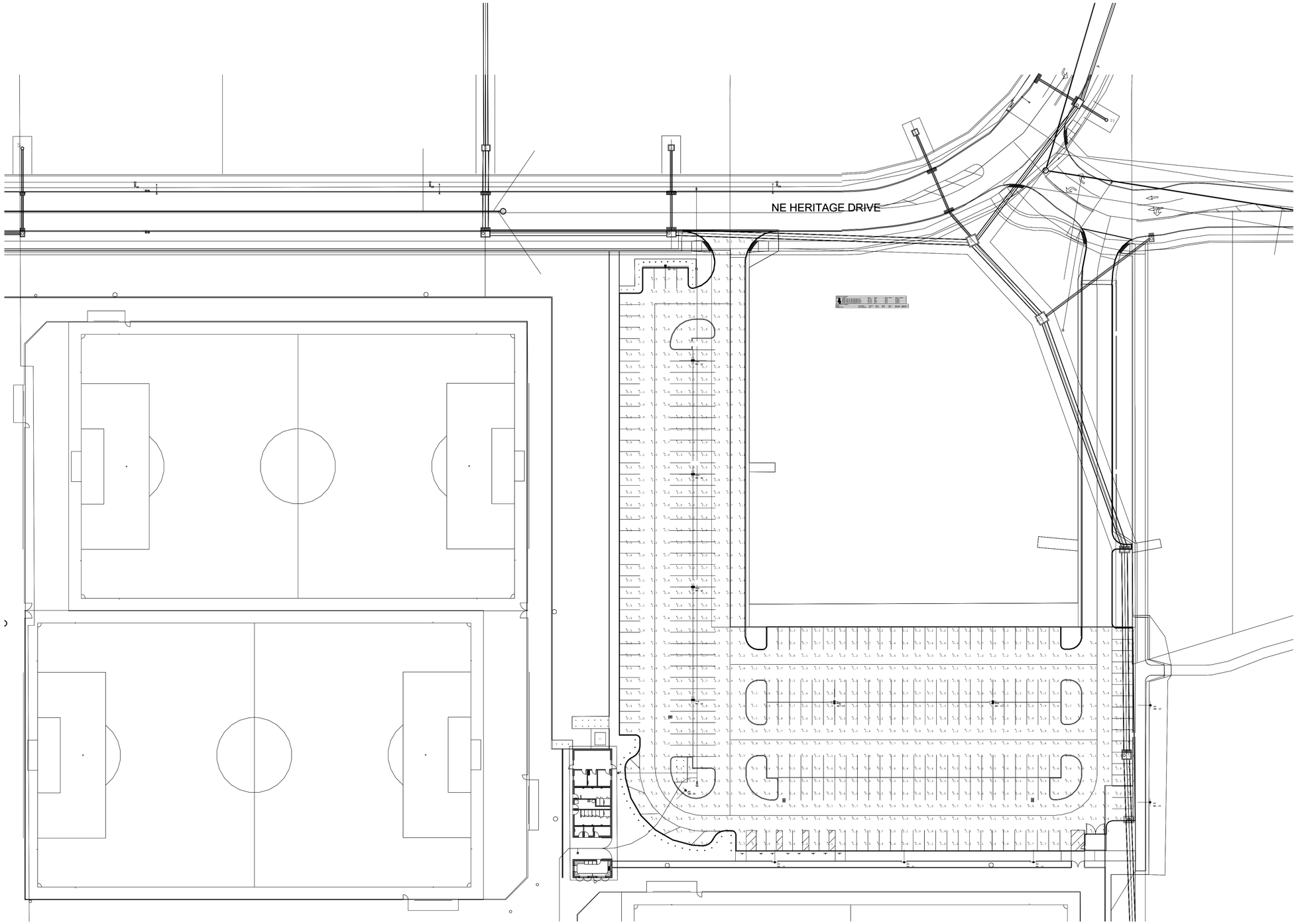
ELECTRICAL SITE PLAN OVERALL - AREAS

SCALE

Scale: **1" = 100'-0"**

SHEET NUMBER

E001



1 ELECTRICAL SITE PLAN - AREA B PHOTOMETRICS

1" = 40'-0"

NORTH

22006558.00 9/29/2022 11:16:53 AM Grimes- IA-Grimes Plex

PLACE LOGO HERE IF APPLICABLE

Grimes- IA-Grimes Plex

Project Address

City of Grimes

IMEG
The FUTURE. Built Smarter www.imegcorp.com
NUMBER AND ADDRESS
SUITE NO.
CITY, STATE ZIP CODE
P: 555.555.555 F: 555.555.5555

PROFESSIONAL SEAL

CONSULTANT
(MAY BE USED FOR ANY OTHER REQUIREMENT IF THERE IS NO CONSULTANT)

KEY PLAN

AGENCY APPROVAL

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Issue	**CITY REVIEW - PHOTOMETRICS**
Date	**09/28/2022**
Project #	**22006558.00**
Drawn	**Author**
Checked	**Checker**
Approved	**Approver**

SHEET TITLE

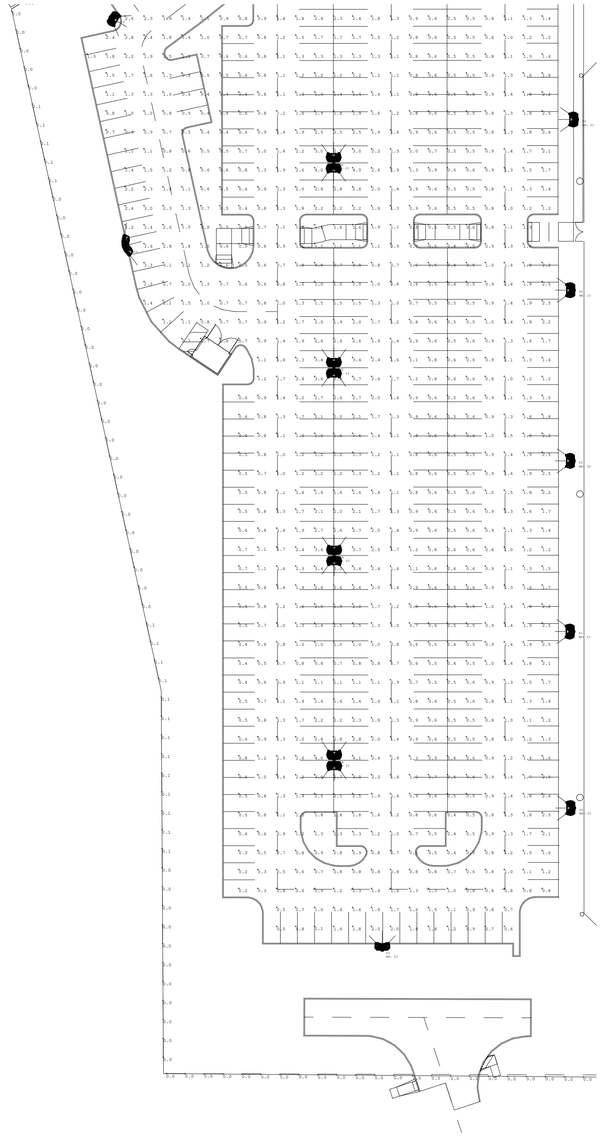
ELECTRICAL SITE PLAN - SOUTH PHOTOMETRICS

SCALE

Scale: **1" = 40'-0"**

SHEET NUMBER

LP001



NORTH

2 ELECTRICAL SITE PLAN - AREA F PHOTOMETRICS

1" = 40'-0"

22006558.00 9/29/2022 11:16:54 AM Grimes- IA-Grimes Plex

PLACE LOGO HERE IF APPLICABLE

Grimes- IA-Grimes Plex

Project Address

City of Grimes

IMEG
The FUTURE. Built Smarter www.imegcorp.com
NUMBER AND ADDRESS
SUITE NO.
CITY, STATE ZIP CODE
P: 555.555.555 F: 555.555.5555

PROFESSIONAL SEAL

CONSULTANT
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KEY PLAN

AGENCY APPROVAL

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REVISIONS

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Issue	**CITY REVIEW - PHOTOMETRICS**
Date	**09/28/2022**
Project #	**22006558.00**
Drawn	**Author**
Checked	**Checker**
Approved	**Approver**

SHEET TITLE

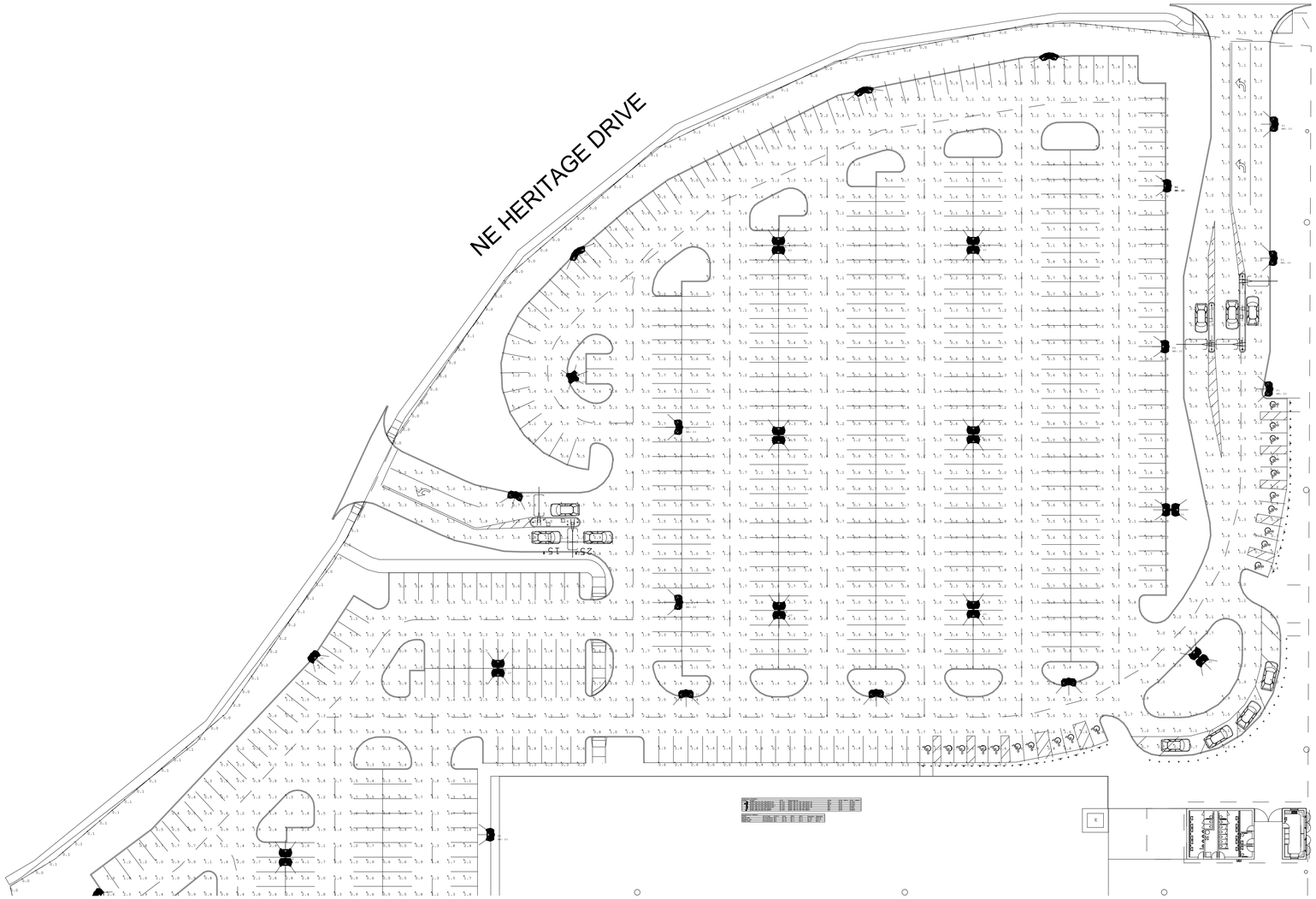
ELECTRICAL SITE PLAN - NORTH PHOTOMETRICS

SCALE

Scale: **1" = 40'-0"**

SHEET NUMBER

LP002



1 NORTH

ELECTRICAL SITE PLAN - AREA D & E PHOTOMETRICS

1" = 40'-0"

22006558.00 9/29/2022 11:16:54 AM Grimes- IA-Grimes Plex

PLACE LOGO HERE IF APPLICABLE

Grimes- IA-Grimes Plex

Project Address

City of Grimes

IMEG
The FUTURE. Built Smarter www.imegcorp.com
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CITY, STATE ZIP CODE
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PROFESSIONAL SEAL

CONSULTANT
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REVISIONS

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SHEET INFORMATION

Issue	**CITY REVIEW - PHOTOMETRICS**
Date	**09/28/2022**
Project #	**22006558.00**
Drawn	**Author**
Checked	**Checker**
Approved	**Approver**

SHEET TITLE

ELECTRICAL SITE PLAN - NORTH PHOTOMETRICS

SCALE

Scale: **1" = 40'-0"**

SHEET NUMBER

LP003

CITY OF GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

AGENDA MEMO

For Meeting of October 25, 2022

AGENDA HEADING: Grimes Plex – Public Hearing.

SYNOPSIS: The actions that are in front of the council are to approve Resolutions to: 1) make award of construction contract; and 2) approve construction contract and bonds. The engineer's estimate when the project went out for bid was approximately $20,816,000 with the knowledge that additional electrical components would be added through addendums during the bidding period. These addendums resulted in an increase in scope for the Base Bid and Bid Alternate 1 with the addition of Bid Alternate 3 & Bid Alternate 4 too. This increased the total estimated cost to $27,150,803. This project was bid on October 18, 2022 and the following are the results for the apparent low bidder with the engineer's estimate, for reference:

Edge Commercial, LLC –	$7,298,586.77 (Base Bid)
	$5,750,337.10 (Alternate 1)
	$7,269,858.24 (Alternate 2)
	$46,000.00 (Alternate 3)
	$2,997,800.00 (Alternate 4)
	$23,362,582.11 (Total Base Bid + Alternates)
Engineer's Estimate –	$7,521,435.00 (Base Bid)
	$5,476,315.00 (Alternate 1)
	$9,472,128.00 (Alternate 2)
	$200,000.00 (Alternate 3)
	$4,480,925.00 (Alternate 4)
	$27,150,803.00 (Total Base Bid + Alternates)

The alternates were as follows:

Alternate 1 – Shared Use Path, Fencing and Netting for Fields, Dugouts, Field Lighting Rough in
Alternate 2 – Synthetic Turf Fields
Alternate 3 – Parking Lot Gate installation
Alternate 4 – Field Lighting and Controls

The results from the bidding showed good interest in this project for this type of work in the current bidding environment. There was a total of 5 bidders and as you can see from the last page of the bid

CITY OF GRIMES
101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

tabulation, 4 of the 5 bidders were around $3,000,000 under the engineer's estimate. The low bidder is Edge Commercial, LLC of Grimes, Iowa. The City of Grimes is currently working with Edge Commercial on the construction of the Waterworks Park splashpad and city staff feels they are capable of performing this work.

There was one issue with Edge Commercial's bid in that they failed to acknowledge Addendum No. 3 on their proposal form because of confusion with some wording that made them think that Addendum No. 3 replaced Addendum No. 2. They then acknowledged Addendum No. 2 thinking that that was acknowledgment of Addendum No. 3 when all addendums are required to be acknowledged regardless. City staff reviewed this issue with the project engineer and the city attorney and felt that in this situation it was acceptable for the city council to waive this informality, which the city has the right to do according to the contract documents.

Following a review of the bids, city staff would recommend eliminating Bid Alternate No. 3 to be completed later due to bid amount irregularities across the submitted bids. We would also strongly push for inclusion of Bid Alternate No. 4, which is the field lighting.

The recommendation of city staff is to move forward with the award of the construction contract with Edge Commercial with the base bid and bid alternates 1,2 & 4. The Park Board met on November 3rd to review the construction contract award and bring a recommendation to council. PFM reviewed the financials, and it appears that it will work to move forward with the $24,000,000 construction contract for this phase of the GrimesPlex. Please refer to the attached proforma for the GrimesPlex prepared by PFM.

FISCAL IMPACT: This project came in about 14% under the revised engineer's estimate for the full project and is scheduled for construction this fiscal year. The funding sources for this project will be facility revenue bonding and developer donation funds.

PREVIOUS COUNCIL ACTION(S): Approval of a Professional Services Agreement for design and bidding, Approval of resolution setting the dates for the public hearing and bid letting, held public hearing.

BOARD/COMMISSION ACTION(S): Park and Recreation Board approved the award of contract at a special meeting on November 3, 2022.

STAFF/COMMITTEE RECOMMENDATION: The staff recommends that the City Council approves the two resolutions, as stated above.

Council Member _____ introduced the following Resolution entitled "RESOLUTION MAKING AWARD OF CONSTRUCTION CONTRACT FOR THE GRIMESPLEX", and moved:

☐ that the Resolution be adopted.

☐ ADJOURN to permit the Engineer to review and make recommendation on said bids, therefore defer action on the Resolution to the meeting to be held at _____ _____.M. on _____, 2022, at this place.

Council Member _____ seconded the motion to adopt. The roll was called, and the vote was:

AYES: _____

NAYS: _____

Whereupon, the Mayor declared the following Resolution duly adopted:

RESOLUTION 11-1522

RESOLUTION MAKING AWARD OF CONSTRUCTION CONTRACT FOR THE GRIMESPLEX

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRIMES, STATE OF IOWA:

Section 1. That the following bid for the construction of certain public improvements described in general as the GrimesPlex, described in the plans and specifications heretofore adopted by this Council on October 25, 2022, be and is hereby accepted, the same being the lowest responsive, responsible bid received for such work, as follows:

Contractor: Edge_Companies_of_Grimes, Iowa

Amount of bid: $23,316,582.11

Portion of project: All construction work

Section 2. That the Mayor and Clerk are hereby directed to execute the contract with the contractor for the construction of the public improvements, such contract not to be binding on the City until approved by this Council.

PASSED AND APPROVED this 8th day of November, 2022.

_____
Scott Mikkelsen, Mayor

ATTEST:

_____
Rochelle Williams, City Clerk

Council Member _____ introduced the following Resolution entitled "RESOLUTION AUTHORIZING CONSTRUCTION CONTRACT AND BOND FOR THE GRIMESPLEX", and moved its adoption. Council Member _____ seconded the motion to adopt. The roll was called, and the vote was:

AYES: _____

NAYS: _____

Whereupon, the Mayor declared the following Resolution duly adopted:

RESOLUTION 11-1622

RESOLUTION AUTHORIZING CONSTRUCTION CONTRACT AND BOND FOR THE GRIMESPLEX

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRIMES, STATE OF IOWA:

That the construction contract and bond executed and insurance coverage for the construction of certain public improvements described in general as the GrimesPlex, and as described in detail in the plans and specifications heretofore approved, and which have been authorized to be signed by the Mayor and Clerk on behalf of the City be and the same are hereby approved as follows:

Contractor:	Edge Companies of Grimes, IA
Amount of bid:	$23,316,582.11
Bond surety:	Amerisure Mutual Insurance Company
Date of bond:	October 31, 2022
Portion of project:	All construction work

PASSED AND APPROVED this **8th** day of **November,** 2022.

_____
Scott Mikkelsen, Mayor

ATTEST:

_____
Rochelle Williams, City Clerk

CITY OF GRIMES, IOWA

EXHIBIT 1

GrimesPlex Cashflow Model

Growth Assumptions	
Revenue Growth Rate	0.0%
Expense Growth	As Stated
Interest Rate	0.3%

		Budget FY 2023	Partial Projected FY 2024	Year 1 Projected FY 2025	Year 2 Projected FY 2026	Year 3 Projected FY 2027	Year 4 Projected FY 2028	Year 5 Projected FY 2029
OPERATING REVENUES				100.0%	8.2%	6.3%	2.3%	2.7%
Outdoor Rental Baseball/Softball	1	$0	$43,200	$86,400	$102,600	$128,040	$128,040	$134,442
Outdoor Rental Multi-Purpose Field	2	0	6,300	12,600	18,300	21,450	25,080	26,334
Outdoor Field Rentals	3	0	354,636	709,272	720,199	738,830	745,772	775,713
Gate Fees	4	0	20,790	41,580	49,140	55,440	55,440	55,440
Parking Fees	5	0	36,563	73,125	99,844	109,688	126,563	126,563
Food & Beverage	6	0	56,187	112,374	137,950	153,144	157,217	157,360
Hotel Rebates	7	0	0	0	0	0	0	0
Retail	8	0	14,976	29,952	36,385	40,097	40,998	41,188
Secondary Revenue	9	0	75,000	150,000	150,000	150,000	150,000	150,000
TOTAL OPERATING REVENUE	10	**$0**	**$607,652**	**$1,215,303**	**$1,314,418**	**$1,396,689**	**$1,429,110**	**$1,467,040**
OPERATING EXPENSES	11			18.6%	15.2%	9.5%	3.9%	1.4%
Outdoor Rental Baseball/Softball	12	$0	$12,961	$12,960	$15,390	$19,206	$19,206	$20,166
Outdoor Rental Baseball/Softball	13	0	1,261	1,260	1,830	2,145	2,508	2,633
Outdoor Field Rentals	14	0	5,221	5,220	5,742	6,632	6,964	7,677
Gate Fees	15	0	10,386	10,385	12,285	13,860	13,860	13,860
Parking Fees	16	0	0	16,453	22,465	24,680	28,477	28,477
Food & Beverage	17	0	0	0	0	0	0	0
Hotel Rebates	18	0	0	0	0	0	0	0
Retail	19	0	20,966	20,966	25,470	28,068	28,699	28,832
Secondary Expenses	20	0	37,500	37,500	37,500	37,500	37,500	37,500
TOTAL OPERATING EXPENSE	21	$0	$88,293	$104,744	$120,682	$132,091	$137,214	$139,145
Interest Income	22	$0	$0	$1,558	$1,558	$1,558	$1,558	$1,558
Net Revenue Debt Service	23	$0	$519,359	$1,112,117	$1,195,294	$1,266,156	$1,293,454	$1,329,453
GO Debt Service								
Proposed GO UR Series 2023	24	$0	$0	$872,300	$1,457,300	$1,460,125	$1,461,025	$1,460,000
Total GO Debt	25	$0	$0	$872,300	$1,457,300	$1,460,125	$1,461,025	$1,460,000
Debt Service Coverage								
Net Revenues/All Debt	26	N/A	N/A	1.27	0.82	0.87	0.89	0.91
CASHFLOW AFTER DEBT	27	$0	$519,359	$0	($262,006)	($193,969)	($167,571)	($130,547)
Capital Outlays	28	$0	$0	$0	$0	$0	$0	$0
Transfers In/(Out)	29	$0	$0	$0	$0	$0	$0	$0
Other Sources/(Uses)	30	0	0	0	262,006	193,969	167,571	130,547
Reserved	31	0	0	0	0	0	0	0
Annual Surplus/(Deficit)	32	$0	$519,359	$0	$0	$0	$0	$0
Beginning Cash Balance	33	$0	$0	$519,359	$519,359	$519,359	$519,359	$519,359
Ending Cash Balance	34	$0	$519,359	$519,359	$519,359	$519,359	$519,359	$519,359
Cash Balance as % of O & M	35		588%	496%	430%	393%	379%	373%

City of Grimes, Iowa

EXHIBIT 1a

Proposed General Obligation Urban Renewal Bonds, Series 2023B (GrimesPlex)

SOURCES & USES

SOURCES	
Par Amount of Bonds	15,860,000.00
Accrued Interest	0.00
Premium/Discount	0.00
Total Sources	15,860,000.00
USES	
Deposit to Construction Account	14,500,000.00
Debt Service Reserve Fund	
Capitalized Interest Account	1,090,375.00
Municipal Bond Insurance	0.00
Underwriters' Discount ($12.00 per bond)	190,320.00
Costs of Issuance	75,000.00
Accrued Interest	0.00
Rounding Amount	4,305.00
Total Uses	15,860,000.00
ASSUMPTIONS	
Dated Date	3/1/2023
Delivery Date	3/1/2023
First Interest Date	6/1/2023
YIELD CALCULATIONS	
Arbitrage Yield	5.50031%
TIC	5.58357%
AIC	5.62027%
Average Life	12.52 Years

FY 2022-23 Projects Financed:	
GrimesPlex	$24,000,000
Less Reza Capital Contribution	(9,500,000)
Additional Options	0
Fund Raising	0
Reserved	0
Reserved	0
Reserved	0
Reserved	0
	$14,500,000

GrimesPlex (Paid by GrimesPlex Net Revenues, Taxes, TIF)

DEBT SERVICE SCHEDULE

	Date	Principal	Coupon	Interest	Debt Service	Capitalized Interest	Annual Debt Service
0.3	6/1/2023	0	5.500%	218,075	218,075	(218,075)	0
	12/1/2023			436,150	436,150	(436,150)	0
1.3	6/1/2024	0	5.500%	436,150	436,150	(436,150)	0
	12/1/2024			436,150	436,150		0
2.3	6/1/2025	0	5.500%	436,150	436,150		872,300
	12/1/2025			436,150	436,150		0
3.3	6/1/2026	585,000	5.500%	436,150	1,021,150		1,457,300
	12/1/2026			420,063	420,063		0
4.3	6/1/2027	620,000	5.500%	420,063	1,040,063		1,460,125
	12/1/2027			403,013	403,013		0
5.3	6/1/2028	655,000	5.500%	403,013	1,058,013		1,461,025
	12/1/2028			385,000	385,000		0
6.3	6/1/2029	690,000	5.500%	385,000	1,075,000		1,460,000
	12/1/2029			366,025	366,025		0
7.3	6/1/2030	730,000	5.500%	366,025	1,096,025		1,462,050
	12/1/2030			345,950	345,950		0
8.3	6/1/2031	765,000	5.500%	345,950	1,110,950		1,456,900
	12/1/2031			324,913	324,913		0
9.3	6/1/2032	810,000	5.500%	324,913	1,134,913		1,459,825
	12/1/2032			302,638	302,638		0
10.3	6/1/2033	855,000	5.500%	302,638	1,157,638		1,460,275
	12/1/2033			279,125	279,125		0
11.3	6/1/2034	900,000	5.500%	279,125	1,179,125		1,458,250
	12/1/2034			254,375	254,375		0
12.3	6/1/2035	950,000	5.500%	254,375	1,204,375		1,458,750
	12/1/2035			228,250	228,250		0
13.3	6/1/2036	1,005,000	5.500%	228,250	1,233,250		1,461,500
	12/1/2036			200,613	200,613		0
14.3	6/1/2037	1,060,000	5.500%	200,613	1,260,613		1,461,225
	12/1/2037			171,463	171,463		0
15.3	6/1/2038	1,115,000	5.500%	171,463	1,286,463		1,457,925
	12/1/2038			140,800	140,800		0
16.3	6/1/2039	1,180,000	5.500%	140,800	1,320,800		1,461,600
	12/1/2039			108,350	108,350		0
17.3	6/1/2040	1,245,000	5.500%	108,350	1,353,350		1,461,700
	12/1/2040			74,113	74,113		0
18.3	6/1/2041	1,310,000	5.500%	74,113	1,384,113		1,458,225
	12/1/2041			38,088	38,088		0
19.3	6/1/2042	1,385,000	5.500%	38,088	1,423,088		1,461,175
	12/1/2042						
		15,860,000		10,920,525	26,780,525	(1,090,375)	25,690,150

CITY OF GRIMES

101 NE Harvey, Grimes, Iowa 50111
515.986.3036 Fax 515.986.3846

AGENDA MEMO

For Meeting of November 8, 2022

AGENDA HEADING:
Slim Chickens – Site Plan Amendment

SYNOPSIS:
The applicant is requesting approval of a site plan amendment for Slim Chickens restaurant at 2170 East 1st Street. Previously the site of Burger King, the site's building will stay primarily the same. Minor elevation changes will occur, including a patio addition on the north end of the building. The site is zoned C-2, and lies within the Highway 141 Mixed-Use Development Corridor District and Transportation Corridor Mixed-Use Development Overlay District.

FISCAL IMPACT:
N/A

PREVIOUS COUNCIL ACTION(S):
Approved Burger King Site Plan – 2013

BOARD/COMMISSION ACTION(S):
Planning and Zoning Commission recommended approval – 11/1/2022

STAFF/COMMITTEE RECOMMENDATION:
Staff would recommend approval of the site plan amendment for Slim Chickens, subject to any remaining staff comments.

Planning & Zoning Staff Report

TO: Planning and Zoning Commission
FROM: Molly Mannel, Assistant Planner
DATE: November 1, 2022
RE: Slim Chickens – Site Plan Amendment

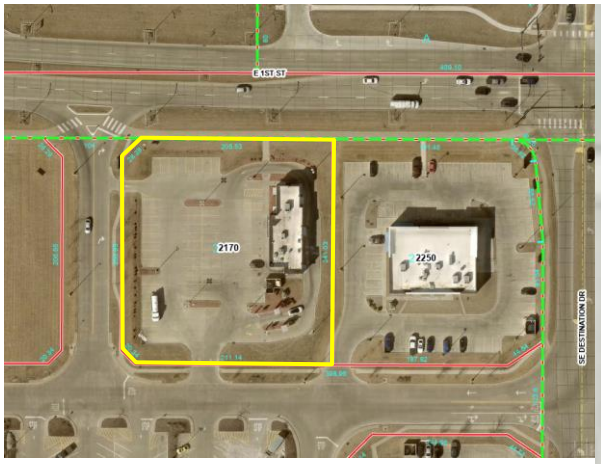
GENERAL INFORMATION:

Applicant: Edotto Slims 1 LLC

Requested Action Site Plan Amendment

Location 2170 E 1st Street

SUPPORTING INFORMATION:



Location Map

Zoning Map

LAND USES & ZONING:

Location	Existing Land Use	Land Use Plan Designation	Current Zoning
Subject Site	Commercial	General Commercial	C-2
North	Commercial	General Commercial	C-2
South	Commercial	General Commercial	C-2
East	Commercial	General Commercial	C-2
West	Commercial	General Commercial	C-2

BACKGROUND:

The applicant is requesting approval of a site plan amendment for Slim Chickens restaurant. The site used to be the location of the old Burger King, whose site plan was approved back in 2013. The site consists of one lot. It is currently zoned as C-2 and lies within Zone 1 of the Highway 141 Mixed Use Development Corridor District.

ANALYSIS:

Building/Elevations:

The existing brick and boards on the building will remain. The boards to the north will be painted a grey tone. A patio addition will be constructed, attaching to the north elevation of the building. Metal awnings will replace the current window awnings and match the metal roof on top of the patio. Customers may enter the restaurant through the west doors, or patio doors to the north. A new dumpster enclosure to the south will be constructed and attached to the primary building. It will be constructed of a similar masonry material and a steel gate.

Site Layout:

Customers may enter and exit the site through the private drive to the south. An exit only lane can also be found to the west, where customer may enter onto E 1st Street through a right-out only. The drive-through consists of two lanes that can be accessed to the east off the private driveway. Customers may enter the restaurant through the west doors, or patio doors to the north. A sidewalk connection to E 1st Street is available to the north near the patio, as well as to the west along the private drive.

Parking:

Parking for the site will generally stay the same. Two stalls in front of the dumpster enclosure will be removed. In total, 57 parking spaces will be available on site, with two spaces being ADA accessible.

Landscaping/Streetscape:

Existing dead or overgrown shrubs will be trimmed or removed. Trees will be planted along East 1st Street and the private drive to the south. Dead shrubs within the landscaped islands will be replaced with new shrubs and grasses. Shrubs and grasses will also be planted encompassing the building and drive-through signage to the south.

Utilities:
Utilities on site will stay the same. Water and sanitary is existing and stubbed from the private drive to the south. The fire sprinkler system that is currently installed in the existing building, will be extended to cover the new covered patio to the north.

STAFF RECOMMENDATION:
Staff would recommend approval of Slim Chickens site plan amendment subject to any remaining staff comments.

CITY OF GRIMES

Molly Mannel
Assistant Planner

Development Services
410 SE Main St, Suite 102
Grimes, IA 50111
(515)986-4050
www.grimesiowa.gov

~~October 10, 2022~~
October 24, 2022

Civil Design Advantage
Attn: Dean Roghair
4121 NW Urbandale Drive
Urbandale, IA 50322

RE: Slim Chickens – Site Plan Amendment

Dear Mr. Roghair:

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

General Comments:

1. ~~Please provide the $750 minor site plan fee before the November 2nd city council agenda due date.~~

2. ~~Please include under zoning that the site resides within the *Highway 141 Mixed Use Development Corridor District, Zone 2*, and the *Transportation Corridor Mixed Use Development Overlay District*.~~

3. ~~Please note that signs are reviewed and approved under separate permit. A total of 91.5 square feet of wall signage is permitted. All signs must have lettering at a minimum 1" depth. Please see Chapter 12-14 of the zoning ordinance for additional sign requirements. A sign permit application is attached. Staff calculated around 332 square foot of building signage. Please keep in mind when applying for a sign permit that a total of 91.5 square foot is permitted. Please assess in next submission.~~

4. ~~Note that the covered patio area will need to be constructed with a fire suppression system. Please include a note on the plan stating the extension of the sprinkler system to cover the patio.~~

5. ~~Is the existing drive-through signage remaining in the same location? Are any changes proposed?~~

6. ~~Per Section 304.3.3 of the Grimes Fire Code, dumpsters and containers with an individual capacity of 1.5 cubic yards or more shall not be stored in buildings or placed within 5' of~~

~~combustible walls, openings or combustible roof eave lines. Please include a note or measurement measuring the dumpster 5' away from the south wall.~~

Site Plan:

1. ~~Label the patio dimensions and square footage. Please widen the walkway into the patio area to be 5' wide.~~

2. ~~Please provide a grading plan. Staff would like to see how the site is graded with the patio addition.~~

3. ~~Label the dumpster enclosure dimensions.~~

4. ~~Please provide open space and right-of-way landscape planting calculations per the Highway 141 regulations. Per the Highway 141 overlay, zone 2 ordinance, 15% of open space is required. Please adjust landscaping numbers.~~

5. ~~The trees along the private drive are not counted toward the required site landscaping. Please provide required tree count on the site.~~

6. ~~The original Burger King site plan provided 13 trees, please install 2 additional trees on the site.~~

7. ~~On the site plan, please stripe the parking spaces in front of the dumpster for no parking. Please include updated parking calculations on cover sheet.~~

Architecture:

1. ~~Please provide color renderings.~~

2. ~~On the elevations, please call out material colors, and materials if new or modified.~~

3. ~~Dumpster enclosure should be constructed with materials that are similar to principal building. Please label material and height of the enclosure. Please provide a gate detail with metal-framed gate. What is the material of the dumpster gate boards? Please label. Please revise 12" gap between boards to 1" or less.~~

4. ~~Provide a railing material detail.~~

5. ~~Provide a furniture layout and identify if furniture is fixed or mobile. Egress from north entrance will need to be maintained through the patio area.~~

6. ~~Please provide a lighting cut sheet/detail. Is the developer proposing to install new parking lot light poles? Or keeping the existing ones?~~

7. ~~The (3) West Dumpster elevation doesn't seem to match the (2) West elevation. Where does the door to inside the building line up? Please assess.~~

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: ~~October 17, 2022~~
October 31, 2022
(1 PDF of Site plan with Elevation Plan included)

PLANNING & ZONING: November 1, 2022, at 5:30 at the Grimes Community Center

COUNCIL MEETING: November 8, 2022, at 5:30 at the Grimes Community Center

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

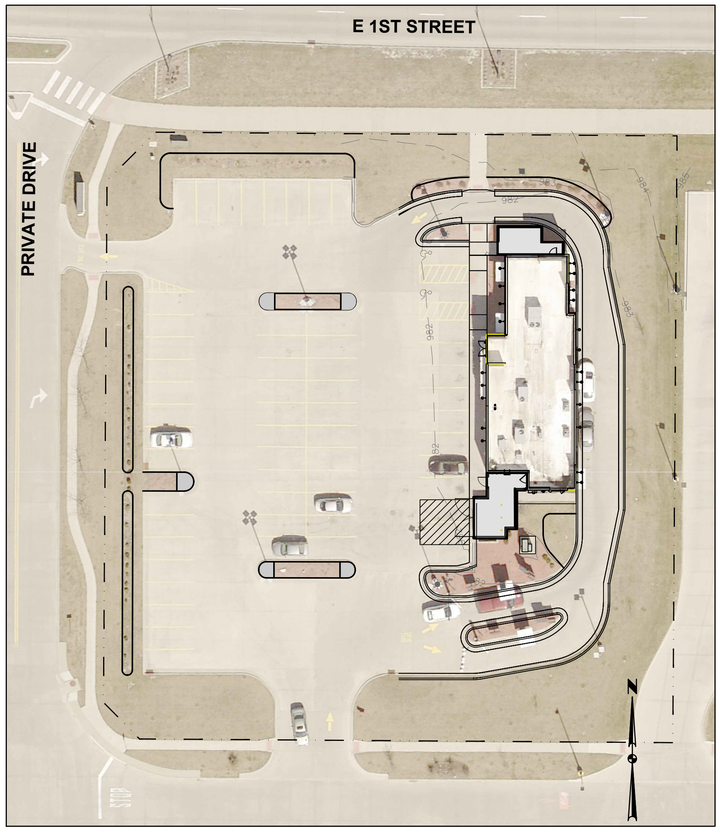
Sincerely,

Molly Mannel
Assistant Planner

SITE PLAN AMENDMENT FOR:
SLIM CHICKENS

2170 E 1ST STREET, GRIMES, IOWA

SITE



LEGAL DESCRIPTION

LOT 13 WAL–MARTS SECOND ADDITION

ZONING

C–2 COMMERCIAL DISTRICT
THE SITE IS LOCATED WITHIN THE HIGHWAY 141 MIXED USE DEVELOPMENT CORRIDOR DISTRICT, ZONE 2, AND THE TRANSPORTATION CORRIDOR MIXED USE DEVELOPMENT OVERLAY DISTRICT.

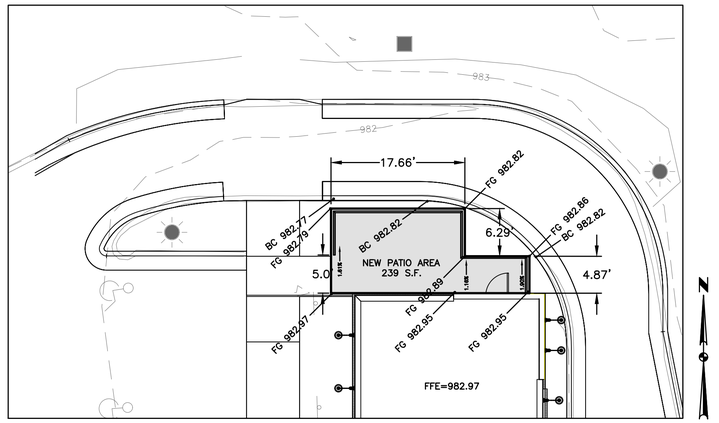
NOTES

1. THE EXISTING FIRE SUPPRESSION SYSTEM SHALL BE EXTENDED TO COVER NEW COVERED PATIO AREA.
2. NO DUMPSTER SHALL BE PLACED WITHIN 5' OF THE BUILDING WALL.

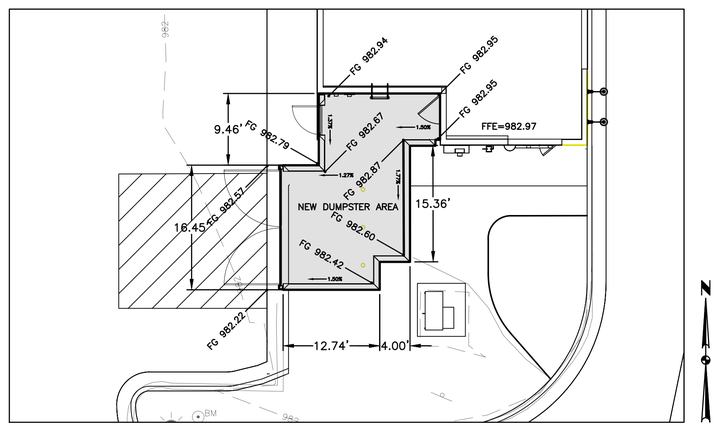
PARKING

REQUIRED:
10 SPACES PER 1000 S.F. OF GROSS FLOOR AREA
TOTAL GROSS FLOOR AREA:
BUILDING 2,831 SF
PATIO 324 SF
TOTAL: 3,065 SF
SPACES REQUIRED: 31 SPACES

SPACES PROVIDED: 57



PATIO DETAIL



DUMPSTER AREA DETAIL

OWNER / APPLICANT

EDOTTO SLIMS 1 LLC
CONTACR: JEFF BRANDS
5105 S CROSSING PL SUITE 4
SIOUX FALLS SOUTH DAKOTA 57108
PH: (605) 367–0848

ENGINEER

CIVIL DESIGN ADVANTAGE, LLC
CONTACT: DEAN ROGHAIR
4121 NW URBANDALE DRIVE
URBANDALE, IOWA 50322
PH. (515) 369–4400
FX. (515) 369–4410

SURVEYOR

CIVIL DESIGN ADVANTAGE, LLC
CONTACT: MIKE BROONER
4121 NW URBANDALE DRIVE
URBANDALE, IOWA 50322
PH. (515) 369–4400
FX. (515) 369–4410

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PLOT DATE/TIME: 10/25/2022 2:37 PM
PLOTTED BY: BOB GIBSON
COMMENT:
ENG:
TECH:

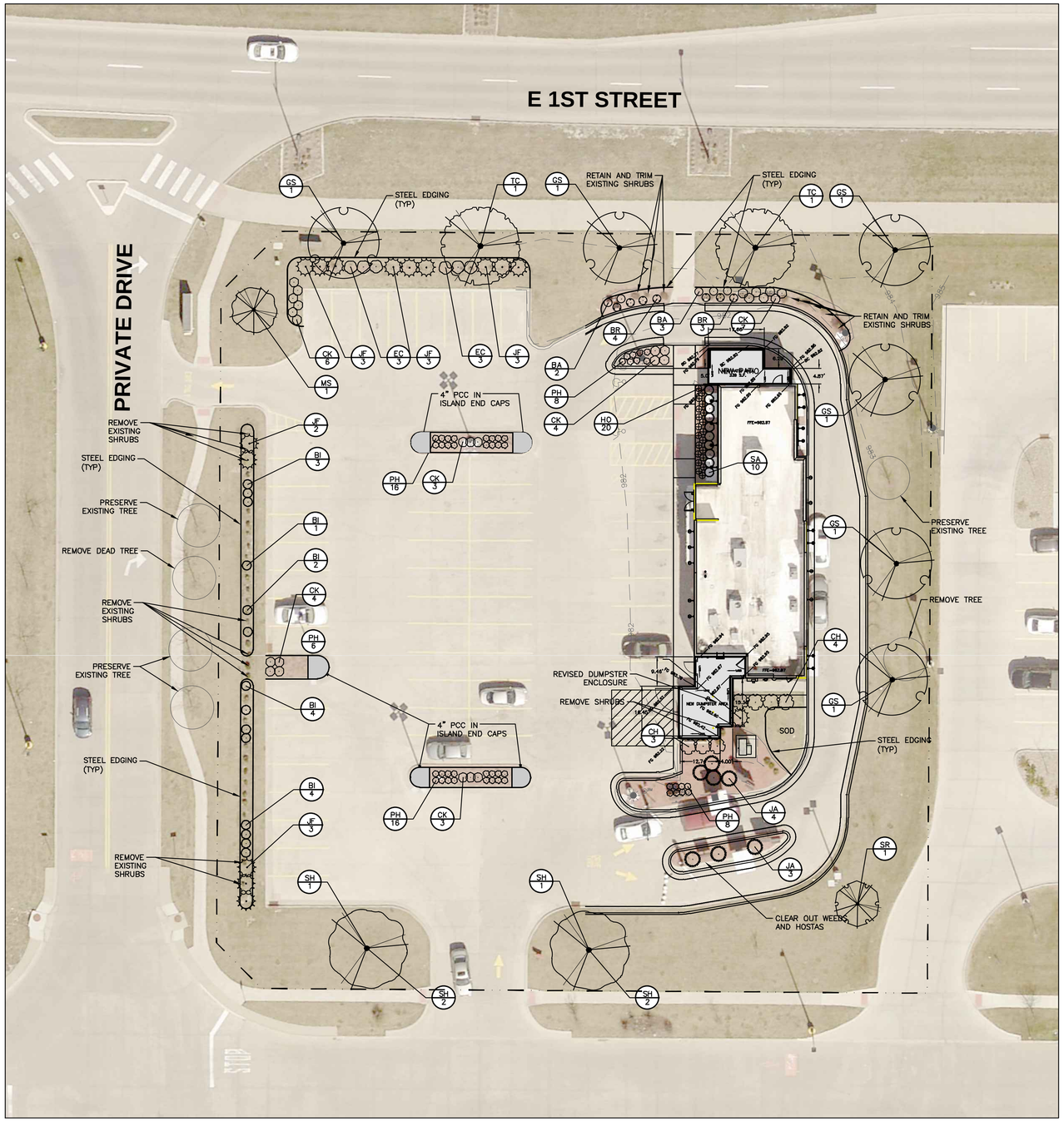
REVISIONS	DATE
3RD SUBMITTAL	10/27/2022
2ND SUBMITTAL	10/14/2022
1ST SUBMITTAL	09/21/2022

4121 NW URBANDALE DRIVE
URBANDALE, IA 50322
PHONE: (515) 369-4400

ENGINEER: | TECH:

CIVIL DESIGN ADVANTAGE
GRIMES, IOWA

SLIM CHICKENS
SITE PLAN AMENDMENT



LANDSCAPE NOTES

1. LOCATE ALL UTILITIES BEFORE ANY PLANTING BEGINS.
2. TYPE, SIZE, AND QUALITY OF PLANT MATERIAL SHALL CONFORM TO THE MOST CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1
3. ALL PLANT MATERIAL SHALL BE HEALTHY SPECIMENS WITHOUT DEFORMITIES, VOIDS AND OPEN SPACES, WITH WELL DEVELOPED BRANCH AND ROOT SYSTEMS; TRUE TO HEIGHT, SHAPE AND CHARACTER OF GROWTH OF THE SPECIES OR VARIETY.
4. SOD IS REQUIRED AT ALL DISTURBED AREAS AS DIRECTED BY OWNER.
5. BACKFILL TO TOP OF CURB. (MINUS 1 1/2" FOR SOD, IF REQ.)
6. WEED PREVENTER (PRE-EMERGENT) SHALL BE SPREAD OVER SOIL AFTER PLANTING AND BEFORE MULCHING IN ALL PLANTING BEDS PER MANUFACTURER'S RECOMMENDATIONS.
7. SHREDDED HARDWOOD MULCH SHALL BE PLACED AROUND ALL TREES TO A MINIMUM DEPTH OF 3 INCHES. MULCH AROUND ALL CONIFEROUS TREES SHALL BE A 6' DIAMETER CIRCLE. .75"– 1.5" RIVER ROCK MULCH SHALL BE PLACED IN ALL SHRUB PLANTING BEDS TO A MINIMUM DEPTH OF 3". ALL EDGING SHALL BE STEEL EDGING.
8. PLANT QUANTITIES ARE SHOWN FOR INFORMATION ONLY, THE DRAWING SHALL PREVAIL IF ANY CONFLICTS ARISE.
9. ALL DEBRIS SPILLED IN THE PUBLIC R.O.W. SHALL BE PICKED UP BY THE CONTRACTOR AT THE END OF EACH WORK DAY.
10. CONTRACTOR SHALL WARRANTY ALL PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF INSTALLATION.
13. CONTRACTOR SHALL PROVIDE IRRIGATION DESIGN TO OWNER FOR APPROVAL.

OPEN SPACE LANDSCAPE

TOTAL SITE AREA:	= 54,055 SF
REQUIRED OPEN SPACE (15%):	= 8,108 SF
TREES REQUIRED: (2 PER 1000 SF OF REQUIRED OPEN SPACE)	= 16
TREES PROVIDED:	= 13 (BASED ON ORIGINAL APPROVED BURGER KING SITE PLAN) (EXCLUDES TREES ALONG WEST PRIVATE DRIVE) (INCLUDES EXISTING TREE ON EAST SIDE)
SHRUBS REQUIRED: (1 PER 500 SF OF REQUIRED OPEN SPACE)	= 16
SHRUBS PROVIDED:	= 114 (DOES NOT INCLUDE SHRUBS ALONG PUBLIC R.O.W.)

RIGHT-OF-WAY LANDSCAPE

RIGHT-OF-WAY FRONTAGE:	= 206 LF
TREES REQUIRED, 1 EVERY 50 LF:	= 5
TREES PROVIDED:	= 5
VEHICULAR ACCESS/PARKING ALONG R.O.W.:	= 176 LF
SHRUBS REQUIRED, 1 EVERY 4 LF:	= 44
SHRUBS PROVIDED:	= 47 (INCLUDES 9 EXISTING)

PLANT SCHEDULE

ORNAMENTAL TREES	QTY	COMMON NAME	BOTANICAL NAME	CONDITION AND SIZE
MS	1	Spring Snow Crabapple	Malus x 'Spring Snow'	B&B, 1.5" CALIPER
SR	1	Japanese Tree Lilac	Syringa reticulata	CONT, 1 GALLON
OVERSTORY TREES	QTY	COMMON NAME	BOTANICAL NAME	CONDITION AND SIZE
GS	6	Skyline Honey Locust	Gleditsia triacanthos inermis 'Skyline'	B&B, 1.5" CALIPER
SH	2	Millstone Japanese Pagodatree	Styphnolobium japonicum 'Halka'	B&B, 1.5" CALIPER
TC	2	Corinthian Littleleaf Linden	Tilia cordata 'Corzam'	B&B, 1.5" CALIPER
SHRUBS	QTY	COMMON NAME	BOTANICAL NAME	CONDITION AND SIZE
BA	5	Golden Dwarf Japanese Barberry	Berberis thunbergii 'Aurea Nana'	24" HEIGHT
BI	14	Littleleaf Boxwood	Buxus microphylla Wintergreen	5 GAL
BR	7	Ruby Carousel Japanese Barberry	Berberis thunbergii 'Bailone'	5 GAL
CH	7	Ivory Halo Dogwood	Cornus alba 'Bailhalo'	5 GAL
EC	6	Compact Burning Bush	Euonymus alatus 'Compactus'	5 GAL
JA	7	Arcadia Juniper	Juniperus sabina 'Arcadia'	5 GAL
JF	15	Sea Green Juniper	Juniperus chinensis 'Sea Green'	5 GAL
SA	10	Anthony Waterer Spirea	Spiraea x bumalda 'Anthony Waterer'	5 GAL
GRASSES	QTY	COMMON NAME	BOTANICAL NAME	CONDITION AND SIZE
CK	27	Karl Foerster Feather Reed Grass	Calamagrostis x acutiflora 'Karl Foerster'	3 GAL
PH	48	Heavy Metal Switch Grass	Panicum virgatum 'Heavy Metal'	3 GAL
PERENNIALS	QTY	COMMON NAME	BOTANICAL NAME	CONDITION AND SIZE
HO	20	Stella de Oro Daylily	Hemerocallis x 'Stella de Oro'	1 GAL

SCALE
0' 10' 20' 40'

4121 NW URBANDALE DRIVE
URBANDALE, IA 50322
PHONE: (515) 369-4400
ENGINEER: | TECH:

REVISIONS	DATE
3RD SUBMITTAL	10/27/2022
2ND SUBMITTAL	10/14/2022
1ST SUBMITTAL	09/21/2022

EA CIVIL DESIGN ADVANTAGE
GRIMES, IOWA

SLIM CHICKENS
SITE PLAN AMENDMENT

2 / 2
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PLOT DATE: 10/27/2022 10:25 AM COMMENT:
PLOTTED BY: DOUG KELEHAN ENG:
TECH:

finish notes

1. All material substitutions proposed by general contractors must have corporate approval prior to submission of proposal. Contractors submitting proposals with materials other than those listed above do so at their own risk.

2. Formula for p-4: comp (b001) 2134-30 iron mountain custom sher-color match.

CCE* Colorant	0Z	32	64	128
W1 White	-	20	-	1
B1 Black	-	27	-	1
L1 Blue	-	61	1	-
R3 Magenta	4	-	-	-
Y3 Deep Gold	2	18	1	-

One Gallon	Ultradeep
A82T00154	640399754

3. Not used
4. All caulk/sealant used in project to exhibit color that matches adjacent finishes.
5. Formula for P-9

Sher-cryl hpa high performance acrylic red product #: B66R308 1 gallon formula

CCE* Colorant	0Z	32	64	128
L1 Blue	-	-	1	-
B1 Black	-	1	-	-
R4 New red	-	1	-	-

material schedule

Key	Material	Manufacturer	Finish/Style	Specifications	Location	Notes
ACT-1	Acoustic Ceiling Tile	Armstrong (or approved equal)	White - washable lay-in (2x4)	Climaplus performance - 3270	Back of house	---
ACT-2	Tectum Ceiling Panels	Tectum (or approved equal)	Pre-painted white	---	Dining room	To be direct fastened to interior roof deck with aproved fastener at every other truss spacing
B-1	Rubber Base	Johnsonite	Mandalay - 4 1/2", black	---	Over millwork / Apply at all wood areas / Do not apply to tile	Miter all corners
BR-2	Thin-brick	Hebron	Belltower		Interior -Restroom Corridor / Entry	Running bond / Natural Gray Mortar
CD-1	Composite Decking Boards	Envision	Evergrain Collection - Weathered wood - 1x6 Square Edge	Ref spec	Sign backing at front of patio gable / dumpster gates	1" gaps between boards - Direct fastened to trusses with concealed fasteners per mfr recommendations
EX						
F-1	Stamped Concrete	Scofiled Systems, Lithotex Pavecrafters		Ref spec	Patio	Scoffield pine interocking plank pattern
F-1a	Color Hardener	Scofield	A55 Pecan Tan	---		
F-2	Resinous MMA Flooring	RES-TEK or SILICAL	80% Red Oxide 10% Black 10% Dark Gray	Ref spec	Kitchen / Prep / Supply / Cooler / Drive-Thru / Office/ Mechanical	See detail, includes integral base; RES-TEK, Jason Redfield (913)-375-5191 (jason.redfield@res-tek.com; Silical, Andy Mills (andymills@silikalamerica.com)
F-3	Sealed Concrete	Local supplier	Brushed finish	---	Dumpster Pad	---
F-3a	Sealed Concrete	PROSOCO	Concrete protector SB	---		---
FRP-1	Fiberglass Reinforced Panel	CRANE or approved equal	Smooth finish, White (85)	---	Back of House	Provide manufacturers standard pvc corner guards. Install above base.
MT-1	Metal Roofing	Metal Sales Manufacturing Corp.	Clear	26 Guage	Awnings, Patio Roof and Rear Storage Roof	---
MT-2	Pre-finished Metal Coping	Firestone	Una-clad / Clear Anodized kynar 500 finish	.05" Gauge	Copings	
P-1	Paint	Sherwin Williams	SW 7005 - Pure White / Semi Gloss	A-100	Exterior Fiber Cement Board Trim	---
P-1a	Primer	Sherwin Williams	---	Quick Dry Stain Blocking Primer	Exterior Fiber Cement Board Trim	---
P-2	Paint	Sherwin Williams	SW 7005 - Pure White / Satin	Promar 200 Zero VOC	Dining and Corridor Gyp Walls / Gyp Ceilings at Restrooms	---
P-2a	Primer	Sherwin Williams	---	Pva Drywal Primer & Sealer / White	---	---
P-3	Paint	Sherwin Williams	B42W00082 - white	Acrylic Dryfall / Eggshell	Dining area ceiling (including trusses and all conduit / MC cabling above trusses)	---
P-3a	Primer	Sherwin Williams	---	Premium Wall and Wood Primer / White	Dining area ceiling (including trusses and all conduit / MC cabling above trusses)	---
P-4	Paint	Sherwin Williams	See Finish Note 2 -Iron Mountain Custom Color Formula / Satin	A-100	Exterior Wood / Fiber Cement lap siding / Dumpster enclosure Steel posts and CMU	Exterior Fiber Cement Siding / Dumpster Gates, Posts, and CMU / Patio Trusses and Support Beams
P-4a	Primer	Sherwin Williams	Base: Tint 50%	Quick Dry Stain Blocking Primer	Exterior Wood / Fiber Cement lap siding	---
P-4b	Primer	Sherwin Williams	Base: Tint 50%	Loxon Block Surfacer	Dumpster Enclosure CMU	---
P-4c	Primer	Sherwin Williams	Base: Tint 50%	Pro-cryl Universal Primer / Off-White	Dumpster Enclosure Steel Posts	---
P-5	Paint	Sherwin Williams	SW 6258 - Tricorn Black/ Semi-Gloss	DTM Acrylic / Ultradeep	HM Doors & Frames	---
P-5a	Primer	Sherwin Williams	Base: Tint 50%	Pro-cryl Universal Primer / Off-White	---	---
P-6	Paint	Sherwin Williams	B66R308	Sher-cryl HPA High Performance Acrylic Red	---	---
P-6a	Primer	Sherwin Williams	Base: Tint 50%	Pro-cryl Universal Primer / Off-White	---	---
P-7	Paint	Sherwin Williams	SW 0055 - Light French Gray/ Semi-Gloss	Promar 200 Zero VOC	Restroom Gyp walls, Cavity for Merchandiser	---
P-7a	Primer	Sherwin Williams	---	Pva Drywal Primer & Sealer / White	---	---
P-8	Paint	Sherwin Williams	SW2848 Roycroft Pewter/ Semi-Gloss	Promar 200 Zero VOC	WC-1 Low Dining Walls	---
P-8a	Primer	Sherwin Williams	Gray	Premium Wall and Wood Primer - White	---	---
P-9	Paint	Sherwin Williams	B66R308 - see Finish Note 5	---	Dining Room Ductwork, excludes Grills / Bollard Color for Exterior	---
P-9a	Primer	Sherwin Williams	Gray	Pro-cryl Universal Primer / Off-White	---	---
P-10	Paint	Sherwin Williams	SW 2850 Chelsea Gray	A-100	Existing exterior wood siding	
P-10a	Primer	Sherwin Williams	Gray	Premium Wall and Wood Primer - White		
ST-1	Wood Stain	MINWAX	---	Classic Gray Premixed Wood Stain / Clear Coat Finish	Cashier, Entry and Restroom Corridor	Brushed on / Wiped off - Stain all Exposed Edges before Installation - (gray prime osb) Installed Horizontally
ST-1a		Sherwin Williams	---	Fast Dry Vinyl Sealer	---	---
ST-1b		Sherwin Williams	---	Hi-build Precast Lacquer / Stain	---	---
ST-2	Wood Stain	MINWAX	Ebony-2718	Wood Finish Penetrating Stain / Clear Coat Finish	Entry Queue Ceiling	Brush on / Wipe off
ST-3	Wood Stain	Sherwin Williams	River wood	---	Service Yard or Cooler Fence	---
T-1	Subway Wall Tile	EMSER	Flex 4"x16" Gloss	Schluter Cove Base Dilex in Brushed Graphite	Restroom Lower Walls to 5'-0"	Plank pattern, 1/8" spacing, Grout to be custom Prism #60 charcoal
T-2	Wood-look Floor Tile	EMSER	---	Beach Wood Tahoe 8"x34"	Entry/ Cashier/ Dining/ Corridor/ Restroom Floors	Plank pattern, 1/8" spacing, Grout to be custom Prism #60 charcoal; Ref A1.4 for tile pattern direction
T-3	Hexagon Wall Tile	EMSER	Matte white	Code Hexagon (Flat)	Wall at Beverage Counter / POS Die Wall	Grout to be custom prism #60 charcoal
WC-1	Wood Wainscot	TRIMARK	P-8	4" x 4" MDF Routed Panels	Dining Lower Walls to 4' 10 1/4	See Detail
WCT-1	Wood Ceiling Plank	Local supplier	ST-2	Tongue and groove 6" wood plank	Entry / Cashier Ceiling	Plank pattern / Runs Perpendicular to Entry Doors
WP-1	Wood Plank	Local supplier	ST-1	1"x12" wood plank	Entry / Restroom Corridor (optional)	See Detail, All Butted Joints, no Miter Cuts

architect

NVIRONMENT
COLLABORATION + CREATION
614.725.4644
www.nvironmentdesign.com
27 east russell street
columbus, ohio 43215

client

SLIM CHICKENS

Slim Chickens
2170 E 1st Street, Grimes, IA. 50111

issued

planning/zoning	Sept 28, 2022
demo permit	Oct 7, 2022
bldg permit	
bid	
construction	

revisions

seal

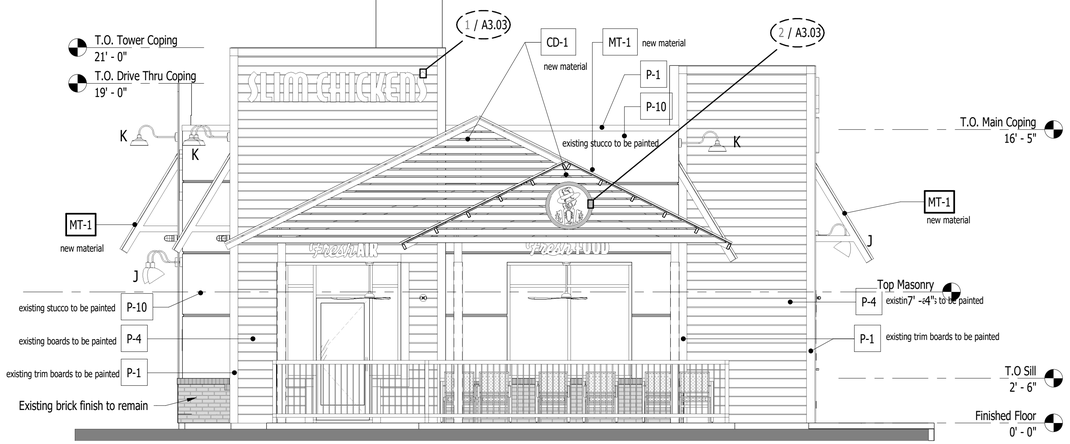
LICENSED PROFESSIONAL ARCHITECT
CHRISTOPHER PATRICK COLLINS
IOWA

06/30/24

sheet

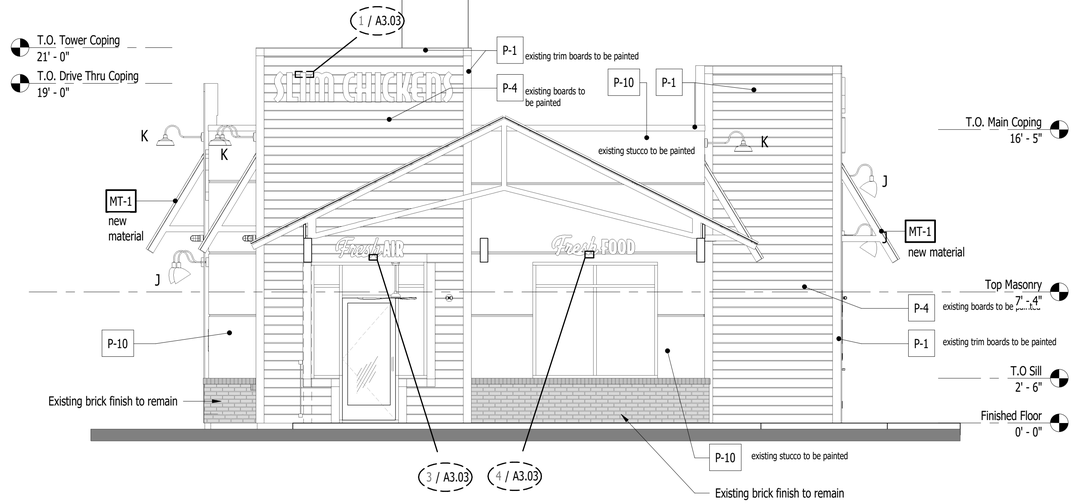
A0.01

Finish Schedules



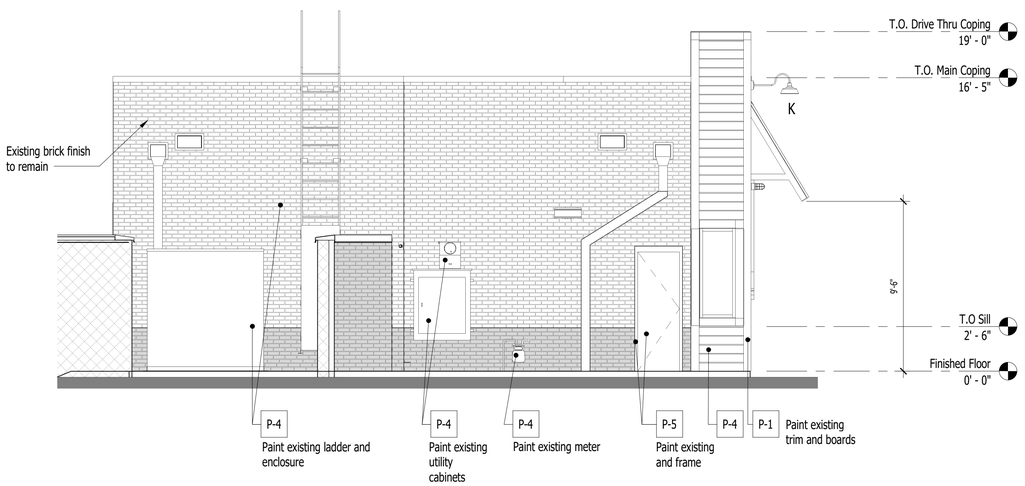
1 North

1/4" = 1'-0"



2 North Porch Elevation / Section

1/4" = 1'-0"



3 South

1/4" = 1'-0"

architect
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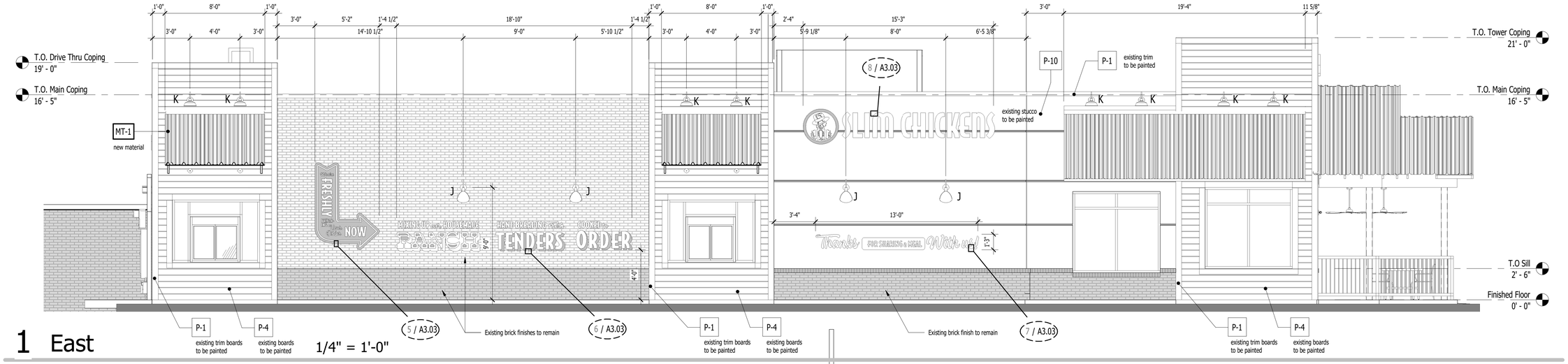
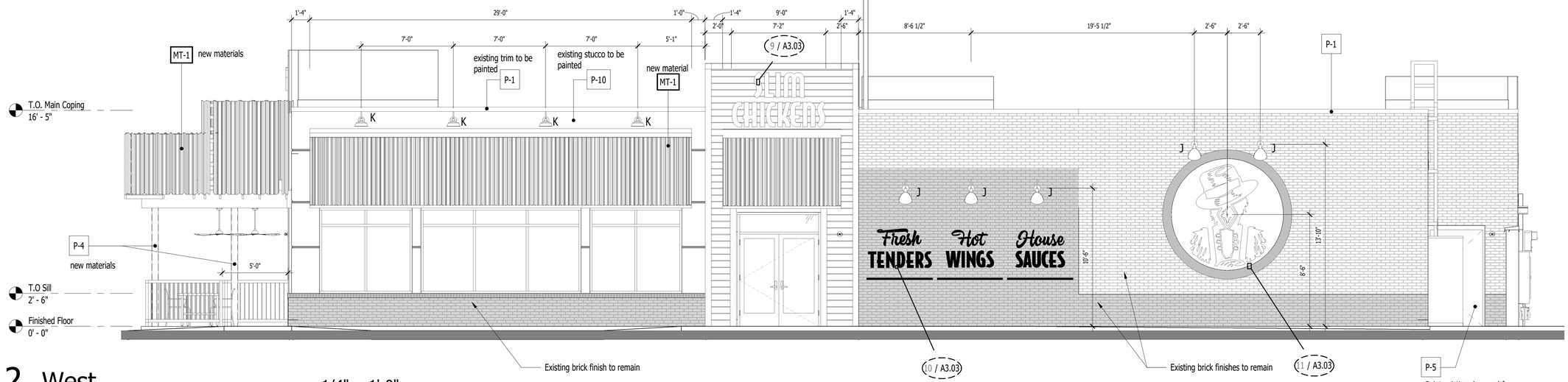
seal
LICENSED PROFESSIONAL ARCHITECT
CHRISTOPHER PATRICK COLLINS 25078
IOWA
06/30/24

sheet
A3.01
Exterior Elevations



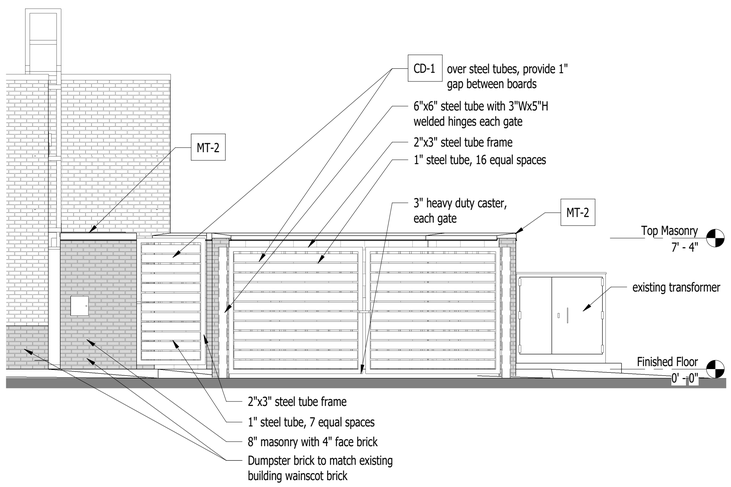
1 East

1/4" = 1'-0"



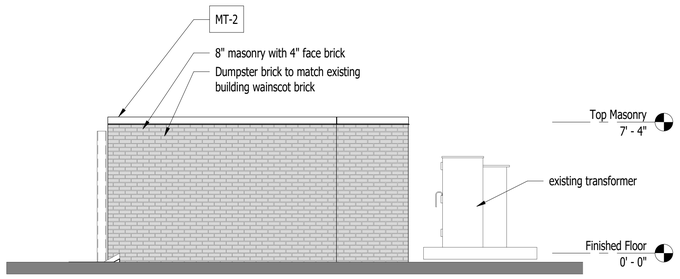
2 West

1/4" = 1'-0"



3 West Dumpster

1/4" = 1'-0"



4 South Dumpster

1/4" = 1'-0"

architect
NVIRONMENT
COLLABORATION + CREATION
614.725.4644
www.nvironmentdesign.com
27 east russell street
columbus, ohio 43215

client
SLIM CHICKENS
Slim Chickens
2170 E 1st Street, Grimes, IA. 50111

issued

planning/zoning	Sept 28, 2022
demo permit	Oct 7, 2022
bldg permit	
bid	
construction	

revisions

seal

LICENSED PROFESSIONAL ARCHITECT
CHRISTOPHER PATRICK COUGHLIN
IOWA

06/30/24

sheet

A3.02

Exterior Elevations

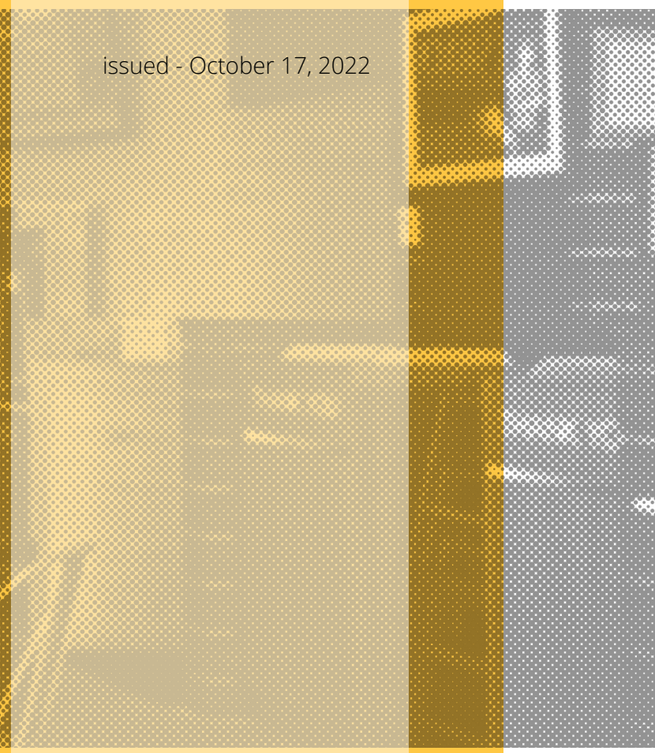
NVIRONMENT

COLLABORATION + CREATION

SLIM CHICKENS

Grimes, IA

issued - October 17, 2022



27 east russell street · suite 300
columbus, ohio 43215 · 614.725.4644
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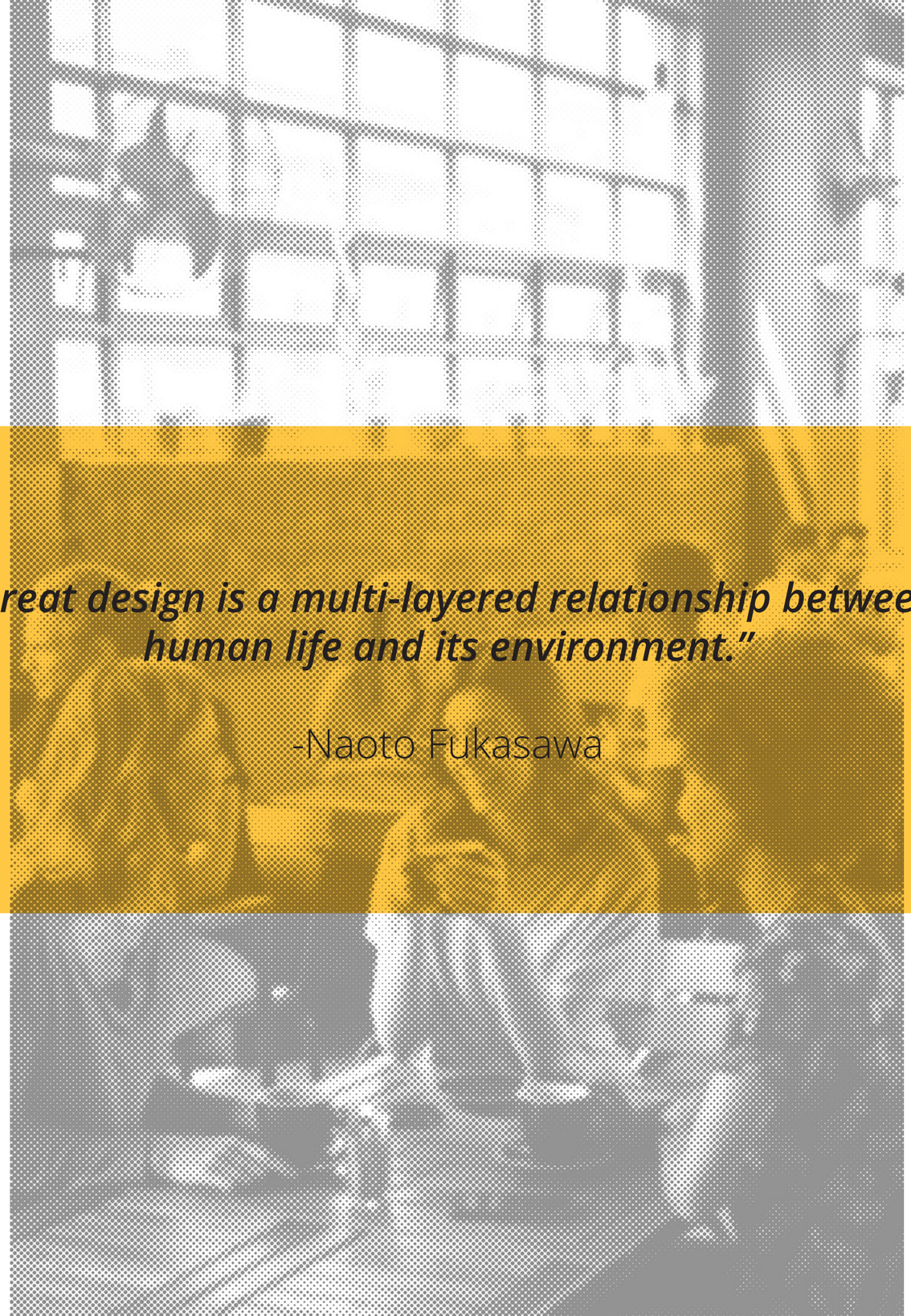
EXTERIOR VIEW - NORTHEAST

SLIM CHICKENS®

EXTERIOR VIEW -NORTHWEST

EXTERIOR VIEW -SOUTHWEST



“Great design is a multi-layered relationship between human life and its environment.”

-Naoto Fukasawa