CITY OF HUXLEY

TUESDAY--- JULY 23, 2019, CITY COUNCIL CHAMBERS

AGENDA
CITY COUNCIL MEETING – 6:00 PM

PUBLIC NOTICE IS HEREBY GIVEN THAT THE CITY COUNCIL OF THE CITY OF HUXLEY, IOWA, WILL MEET IN THE CITY COUNCIL CHAMBERS *515 N. MAIN AVE.*, HUXLEY, IOWA, FOR THEIR REGULAR COUNCIL MEETING AT 6:00 PM ON *TUESDAY THE 23rd DAY OF JULY, 2019* TO DISCUSS THE MATTERS ENUMERATED IN THE AGENDA LISTED BELOW.

QUORUM PRESENT

1.0) COMMENTS FROM THE PUBLIC AND RECEIVING OF PETITIONS AND/OR WRITTEN COMMUNICATIONS TO THE CITY COUNCIL ON AGENDA AND NONAGENDA ITEMS.

2.00) PRESENTATION(S): NONE
3.00) PROCLAMATION(S): NONE
4.00) PUBLIC HEARING(S): NONE

5.00) CONSENT AGENDA: ROLL CALL

ALL ITEMS LISTED WITHIN THIS SECTION ARE CONSIDERED TO BE ROUTINE BY THE CITY COUNCIL AND WILL BE ENACTED BY ONE MOTION. THERE WILL BE NO SEPARATE DISCUSSION OR ACTION ON THESE ITEMS UNLESS A COUNCIL MEMBER OR CITIZEN SO REQUESTS, IN WHICH EVENT, THE ITEM WILL BE REMOVED FROM THE GENERAL ORDER OF BUSINESS. AND CONSIDERED SEPARATELY.

5.01) TO APPROVE THE MINUTES FROM THE FOLLOWING MEETINGS:
JULY 9, 2019 -- Regular Council Meeting
JULY 16, 2019 -- Worksession

5.02) TO APPROVE FINANCIAL REPORTS AND PAYMENT OF BILLS.
5.03) TO APPROVE BEER, WINE AND LIQUOR LICENSES, CIGARETTE PERMIT RENEWALS.
5.04) TO APPROVE **RESOLUTION NO. 19-096** TO SET A PUBLIC HEARING DATE AND TIME FOR REZONING A PARCEL OF GROUND IN WESTVIEW HEIGHTS FROM R-2 TO R-2A OF WESTVIEW HEIGHTS.

AGENDA ITEMS:

6.00) COMMUNITY BETTERMENT:

6.01) DISCUSSION AND POSSIBLE ACTION ON **RESOLUTION NO. 19-097** TO APPROVE CONSTRUCTION PLANS FOR WESTVIEW HEIGHTS.

6.02) DISCUSSION AND POSSIBLE ACTION ON **RESOLUTION NO. 19-098** TO APPROVE BID FROM NATIONAL WASH AUTHORITY TO CLEAN EXTERIOR OF WATER TOWER

7.00) PUBLIC SAFETY: NONE

8.00) FINANCE: NONE

9.00) LEISURE ACTIVITIES:

9.01) DSCUSSION AND POSSIBLE ACTION ON **RESOLUTION NO. 19-099** ON APPROVING INSTALLATION OF SIDEWALK AT SPORTS COMPLEX.

10.00) ADMINISTRATIVE BUSINESS: NONE

COMMENTS FROM STAFF, COUNCIL AND MAYOR.

ADJOURNMENT

POSSIBLE WORKSESSION:

THE CITY COUNCIL WILL MEET FOR AN INFORMAL WORKSESSION TO WORK ON ITEMS AND NOT TAKE ANY ACTION ON THOSE ITEMS DURING THE WORKSESSION.

DISCUSSION TOPICS;

THAT THE FOLLOWING TOPICS ARE SUGGESTED AND THEY DO NOT REFLECT ALL THE POSSIBLE ITEMS THAT COULD BE DISCUSSED OR NOT. THE LISTING BELOW DOES NOT NECESSARILY REFLECT THE ORDER IN WHICH THE ITEMS WILL BE DISCUSSED OR IF THEY WOULD BE DISCUSSED AT THIS MEETING.

NO ACTION WILL BE TAKEN ON ANY OF THE ITEMS AND THE LIST MAY CHANGE PRIOR TO OR AT THE MEETING. NO PARTICULAR ORDER AT THIS TIME

1.) PARKING ON CENTENNIAL DRIVE
2.) GROUND NORTH OF THE 3Cs
3.) SIDEWALKS IN HUXLEY BUSINESS PARK
4.) CA JOB DESCRIPTION & POSITION
5.) SCHOOL USAGE OF SAFEROOM
6.) CONFERENCE PHONE
7.) GOALS AND OBJECTIVES PER CONSULTANT
8.) OFFER ON LOT IN PRAIRIE RIDGE

9.) WORKSESSION LIST

THIS NOTICE IS HEREBY GIVEN AT LEAST 24 HOURS PRIOR TO THE COMMENCEMENT OF THE MEETING SPECIFIED ABOVE. THIS WAS DONE BY ADVISING THE NEWS MEDIA WHO HAVE FILED A REQUEST FOR NOTICE AND BY POSTING THE NOTICE ON THE WINDOW IN THE LOBBY AREA IN CITY HALL THAT IS ACCESSIBLE AND VIEWABLE TO THE PUBLIC. THIS WAS ALL PURSUANT TO CHAPTER 21 OF THE CODE OF IOWA.

John Haldeman, City Administrator

CONSENT AGENDA

Huxley City Council Minutes
Tuesday, July 9, 2019

These minutes are as recorded by the City Clerk and are subject to City Council approval at the next regular council meeting.

COUNCIL MEETING: The Huxley City Council met in a regular council meeting on the above date pursuant to rules of the council, notice posted at City Hall, posted on website and emailed to news media. Mayor Henry called the meeting to order at 6:03 pm.

COUNCIL MEMBERS PRESENT: Kuhn, Jensen, Mulder, Roberts, Peterson

CITY STAFF PRESENT: John Haldeman-City Administrator, Jolene Lettow-City Clerk, Joe Marchesano-Police Sargent, Jeff Peterson – Public Works Director, Heather Denger – Parks and Recreation Director, Cathy Van Maanen-Library Director

CONSULTANTS PRESENT: Amy Beattie – city attorney, Forrest Aldrich – city engineer

GUESTS PRESENT: Arlo Ledet, Dustin Ingram, Erin Ollendike, Darold Primmer, Kelly Moomaw, Todd Moomaw, Kevin Deaton, Dean McLaughlin, Shawna Murphy, John Murphy, Jeff Murphy, Lisa Pitchford, Kristina Brekke, Katie Kinrade, Roger Bierbaum, Jeff Begg, Steve Quick, Anne Quick, Roger Wheeler, Roger Hildreth, Linda Hildreth, Bryon Marks, Wes James, Scott Wilson, Dave Mikkelsen

COMMENTS FROM PUBLIC:
Kristina Brekke urged council to allow fireworks between June 20 and July 8 of each year. Presented council with additional signatures to add to original petition.

CONSENT AGENDA:
MOTION- Jensen, Second – Roberts to approve all agenda items as listed:

- June 25, 2019 Regular Council Meeting
- Financial Reports and Payment of Bills
- Beer, Wine and Liquor Licenses
- Election of Todd Moomaw as Chief of Huxley Fire and Rescue
- Fireworks Application for PrairieFest

Councilman Kuhn asked to include hours of operation on future fireworks applications/permits.

Roll Call: Jensen, Mulder, Kuhn, Roberts, Peterson voted yes. Motion carried.

Claims:

A KING'S THRONE LLC	PORTA POTTIES AT SOCCER FIELDS	189.90
ALPHA COPIES	ALPHA COPIES	12.44
ANNA DEHAMER	BASKETBALL CAMP COACH	321.60
BAKER & TAYLOR ENTERTAINME	BOOKS	3,000.00
BOUND TREE MEDICAL	MEDICAL SUPPLIES	5.60
BULBGUY LIGHTING	LED BULBS INSTALL AT SHOP	2,783.43
CASEYS BUSINESS MASTERCARD	GASOLINE	232.39
CENTRAL IOWA LAWN & LANDSC	MOWER PARTS	98.95
CINTAS CORPORATION	FIRST AID SUPPLIES FOR CABINET	122.70
COMPASS MINERALS AMERICA	COARSE ROCK SALT	3,522.06
DELL MARKETING L.P.	COMPUTER FOR PUBLIC WORKS	1,340.52
GATEHOUSE-DB IOWA HOLDINGS	LEGAL PUBLICATIONS	893.98
GCMOA	MEMBERSHIP	25.00
HACH COMPANY	GEL PROBE	648.82
HAWKINS, INC.	CHEMICALS FOR WATER TREATMENT	2,229.90
IOWA DOT	GREEN AND BLUE LOCATE FLAGS	21.00
JEREMY J. ARENDS	MAY'S TREASURER'S REPORT	80.00
JERICO SERVICES INC	DUST CONTROL AT CENTENNIAL PAR	984.06
LISA WHEELER	REIMBURSEMENT FOR OFFICE SUPPL	37.44
MOODY ELECTRIC, INC.	REPLACE BREALERS AT CENT PARK	117.16
PLUMB SUPPLY COMPANY - AM	PARTS FOR RAILROAD PARK RESTRO	96.28
POSTMASTER	POSTMASTER	368.64
PREMIER OFFICE EQUIPMENT I	LIBRARY COPIER LEASE	25.00
RAGNASOFT, INC.	PLANIT EMS 1 YEAR SUBSCRIPTION	600.00
REDWOOD BUILDERS, LLC	BUILDING PERMIT DEPOSIT REFUND	1,000.00
STAR EQUIPMENT LTD.	24" CONCRETE STAKES	70.20
STORY THEATER COMPANY	EIGHT TICKETS TO MARY POPPINS	48.00
TASC - CLIENT INVOICES	AUGUST FLEX ADMIN FEES	69.82
THE MEYVN GROUP	EMPLOYEE TRAINING	2,000.00

THE SHERWIN-WILLIAMS CO.	YELLOW PAINT FOR CURBS	278.40
VAN-WALL EQUIPMENT INC.	THROTTLE, PULLEY, CABLE	266.94
VEENSTRA & KIMM, INC.	WESTVIEW HEIGHTS PRE PLAT REV	20,732.00
VERIZON WIRELESS	CITY ADMIN CELL PHONE	44.54
YELLOWBLUE LED	LED BULBS AT WATER PLANT & TOW	10,277.46

		Fund Expenses
001	GENERAL FUND	5,942.40
002	LIBRARY	3,080.76
003	RECREATION	649.70
014	AMBULANCE	605.60
110	STREET	756.36
339	560TH PAVING	7,285.00
343	KUM N GO	11,370.00
600	WATER UTILITY	214,629.29
610	SEWER UTILITY	8,224.85
	GRAND TOTAL	52,544.23

Motion - Mulder, Second – Roberts on Resolution No. 19-092 to Approve Preliminary Plat for Westview Heights with Lots 41 and 42 Being Held for Possible Second Entrance to Development. Lots will be held for 4 years from issuance of first building permit at a price of $40,000 per lot. Funds to be distributed through language in development agreement. Development agreement will state that an easement will be allowed in lieu of water main extension across lots 41 and 42 for duration of development agreement at developer's expense. Roll Call: Mulder, Kuhn, Roberts, Peterson voted yes; Jensen abstained. Motion carried. Council also discussed a sidewalk being added to plat between lots 19 and 20 and current ordinance regarding no parking on 31 ft. wide streets.

Motion – Peterson, Second – Mulder on Resolution No. 19-093 to Approve Infrastructure Reimbursement Agreement with Kum N Go. Kum N Go will contribute $300,000 towards the cost of design and construction for water and sanitary sewer to the northern border of Kum N Go property. Roll Call: Roberts, Peterson, Jensen, Mulder, Kuhn voted yes. Motion carried.

Motion – Kuhn, Second – Roberts on Resolution No. 19-094 to Approve the GAP Financial Policy for Economic Development. Policy states City can allocate funds through an application process to provide financial assistance for commercial restorative or redevelopment projects. Roll Call: Jensen, Kuhn, Mulder, Roberts, Peterson voted yes. Motion carried. Councilman Kuhn thanked Dustin Ingram, AEDC representative for his efforts with policy development.

Motion – Roberts, Second – Peterson on Resolution No. 19-095 to Approve the Change of Bond Registrar. City Clerk explained that Bankers Trust was dissolving that portion of their business. DA Davidson provided two bond registrar options. BOKF, National Association was the lower cost. Roll Call: Kuhn, Peterson, Mulder, Roberts, Jensen voted yes. Motion carried.

Miscellaneous

- City engineer reported that Kum N Go construction schedule had been moved back.
- Police Sargent, Joe Marchesano, told council that there were no fireworks problems in Huxley; Cambridge had a few reported complaints
- Councilman Mulder asked about attending TIF workshop and asked about status of trail project
- Councilman Jensen asked when council was going to discuss plans for new city administrator. Mayor suggested council write down comments and submit to mayor.

CLOSED SESSION:

Motion Mulder, Second – Peterson to Hold a Closed Session in Accordance with Iowa Code Section 21.5(J) to discuss purchase of sale of particular real estate only where premature disclosure could be reasonably expected to increase/decrease the price the governmental body would have to pay for that property or reduce the price the governmental body would receive for that property. Motion – Mulder, Second – Peterson to adjourn the closed session at 8:30pm.

WORK SESSION:

Parking on Centennial – Petition was submitted from residents who reside on Centennial to allow parking on north side of street. Council will review and come back with response.

Ground North of 3C's: Jeff Peterson, Public Works Director, submitted proposal from local landscaper. Haldeman submitted a conceptual drawing of possible ideas for area.

Inspections – Jeff Begg, Safe Building official, expressed to council efforts of Safe Building to provide good service and willingness to improve in weak areas.

ADJOURNMENT: Motion – Peterson, second – Mulder to adjourn meeting at 9:10 pm. 5 ayes, 0 nays. Motion carried.

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Craig Henry, Mayor

Attest:

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Jolene R. Lettow, City Clerk

Huxley City Council Work Session Minutes
Tuesday, July 16, 2019

These minutes are as recorded by the City Clerk and are subject to City Council approval at the next regular council meeting.

COUNCIL MEETING: The Huxley City Council met in a regular council meeting on the above date pursuant to rules of the council, notice posted at City Hall, posted on website and emailed to news media. Mayor Henry called the meeting to order at 6:07 pm.

COUNCIL MEMBERS PRESENT: Kuhn, Jensen, Mulder, Roberts, Peterson

CITY STAFF PRESENT: John Haldeman-City Administrator, Jolene Lettow-City Clerk

CONSULTANTS PRESENT: Pat Callahan, Mark Jackson – Callahan Municipal Consultants, LLC

Council met with consultant regarding the process to hire a new city administrator. Council discussed job description, council goals and objectives, timetable, citizen involvement, position profile, wage and benefits package and advertisement of position.

ADJOURNMENT: Motion – Peterson, second – Kuhn to adjourn meeting at 8:02 pm. 5 ayes, 0 nays. Motion carried.

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Craig Henry, Mayor

Attest:

_____

Jolene R. Lettow, City Clerk

7-23-19 Council Claims

	A	B	C
1	VENDOR NAME	DESCRIPTION	GROSS AMOUNT
2	A KING'S THRONE LLC	PORTA POTTIES AT SOCCER FIELDS	$ 189.90
3	AARON POWELL	KRAV MAGA CLASS	$ 180.00
4	ALLIANT ENERGY	GAS AND ELECTRIC	$ 9,446.37
5	ALPHA COPIES	COPIES	$ 12.44
6	AMES ECONOMIC DEVELOPMENT	FY20 Agreement	$ 30,000.00
7	ANDREW STARCEVIC	MEMBERSHIP REFUND	$ 67.76
8	ANKENY SANITATION	CITY GROUNDS TRASH PICKUP	$ 241.06
9	ANNA DEHAMER	BASKETBALL CAMP COACH	$ 321.60
10	ARNOLD MOTOR SUPPLY	VEHICLE PARTS AND SUPPLIES	$ 390.98
11	AUTOMATIC DOOR GROUP	SAFE ROOM CURTAIN REPAIR	$ 118.30
12	AUTOMATIC SYSTEMS CO.	TROUBLESHOOT DIGESTER PROBE	$ 239.65
13	BAKER & TAYLOR ENTERTAINME	BOOKS	$ 3,000.00
14	BAKER GROUP	MAINTENANCE CONTRACTS	$ 8,192.00
15	BUD'S AUTO REPAIR INC	PD VEHICLE SERVICE	$ 57.89
16	BULBGUY LIGHTING	LED BULBS INSTALL AT SHOPS	$ 2,783.43
17	BW EXTERIOR SOLUTIONS	ROOF REPAIR FROM HAIL DAMAGE	$ 64,133.44
18	CAPITAL SANITARY SUPPLY CO	JANITORIAL SUPPLIES	$ 247.20
19	CARDMEMBER SERVICE	SEE ATTACHED	$ 17,156.50
20	CASEY'S GENERAL STORES INC	GASOLINE	$ 220.05
21	CENTRAL IOWA DISTRIBUTING	URINAL SCREENS & CASE OF GLOVE	$ 164.00
22	CENTRAL IOWA LAWN & LANDSC	MOWER PARTS	$ 98.95
23	CHITTY GARBAGE SERVICE INC	TRASH SERVICE	$ 43.34
24	CINTAS CORPORATION	FIRST AID SUPPLIES FOR CABINET	$ 122.70
25	CITY OF AMES	RESOURCE RECOVERY	$ 17,414.50
26	COMPASS MINERALS AMERICA	COARSE ROCK SALT	$ 3,522.06
27	COMPUTER RESOURCE SPECIALI	COMPUTER WORK	$ 1,560.00
28	CONSUMERS ENERGY	GAS AND ELECTRIC	$ 8,152.80
29	DELL MARKETING L.P.	COMPUTER FOR PUBLIC WORKS	$ 1,340.52
30	DOLLAR GENERAL-REGIONS 410	PROGRAM AND OFFICE SUPPLIES	$ 180.25
31	ED M. FELD EQUIPMENT CO. I	BUNKER GEAR & GEAR TAGS	$ 2,220.00
32	ELECTRONIC ENGINEERING	YEARLY TOWER FEES	$ 1,439.10
33	ENVIRONMENTAL RESOURCE ASS	WWP QUALITY ASSURANCE TESTING	$ 682.83
34	FIRE SERVICE INSTITUTE	ESSENTIALS FOR FF & FD OPERATI	$ 261.00
35	FORTRES GRAND CORPORATION	SOFTWARE LICENSE & MAINTENANCE	$ 287.93
36	GATEHOUSE-DB IOWA HOLDINGS	LEGAL PUBLICATIONS	$ 1,415.09
37	GCMOA	MEMBERSHIP	$ 25.00
38	HACH COMPANY	GEL PROBE & WATER CHEMICALS	$ 860.12
39	HALBROOK EXCAVATING INC.	RETAINAGE	$ 12,478.94
40	HAWKINS, INC.	CHEMICALS FOR WATER TREATMENT	$ 2,229.90
41	HEARTLAND CO-OP	WEED KILLER	$ 62.50
42	HOKEL MACHINE SUPPLY	PARTS FOR MANURE SPREADER	$ 66.90
43	HUXLEY COMMUNICATIONS COOP	PHONE, CABLE, INTERNET	$ 1,431.11
44	INNOVATIONAL CONCEPTS, INC	HYDRONIC TESTING	$ 125.00
45	INTEGRATED PRINT SOLUTIONS	BASKETBALL CAMP TSHIRTS	$ 99.50
46	INTERNAL REVENUE SERVICE	PAYROLL TAXES	$ 25,863.31

7-23-19 Council Claims

	A	B	C
47	INTERSTATE BATTERIES	BATTERIES	$ 255.90
48	IOWA DEPARTMENT OF NATURAL	ANNUAL PUBLIC WATER SUPPLY FEE	$ 379.42
49	IOWA DNR	CONSTRUCTION PERMIT APPLICATIO	$ 370.60
50	IOWA DNR	WW DISPOSAL SYSTEM CONSTR PERM	$ 100.00
51	IOWA DOT	GREEN AND BLUE LOCATE FLAGS	$ 194.33
52	IOWA MUN. WORKERS' COMP. A	ANNUAL WORKERS' COMP PREMIUM	$ 22,754.00
53	JAX OUTDOOR GEAR	TWO NEW SHOTGUNS	$ 1,200.00
54	JERICO SERVICES INC	DUST CONTROL AT CENTENNIAL PAR	$ 984.06
55	KEMPKER'S TRUE VALUE AND R	SEE ATTACHED	$ 762.19
56	KEYSTONE LABORATORIES	MONTHLY WATER SAMPLING	$ 125.00
57	LEEDS, JESSICA	REIMBURSEMENT FOR FAREWAY	$ 11.31
58	LISA WHEELER	REIMBURSEMENT FOR OFFICE SUPPL	$ 37.44
59	LOWE'S	HEAVY DUTY CHALK LINE	$ 90.19
60	MANATTS	12 YARDS OF CONCRETE	$ 4,032.76
61	MARCO, INC.	COLOR AND B/W COPIES	$ 597.22
62	MARTIN MARIETTA MATERIALS	ROAD STONE	$ 324.72
63	MENARDS	LIGHT BULBS & DROP CLOTH	$ 82.73
64	MISCELLANEOUS VENDOR	JESKE, LOGAN :US REFUND	$ 936.87
65	MOODY ELECTRIC, INC.	REPLACE BREALERS AT CENT PARK	$ 117.16
66	MUNICIPAL SUPPLY	METER SPUDS	$ 312.50
67	NEW CENTURY FS INC	UNLEADED & DIESEL FUEL	$ 1,639.95
68	OXEN TECHNOLOGY	MICROSOFT OFFICE & EXCHANGE	$ 228.00
69	PLUMB SUPPLY COMPANY - AM	PARTS FOR RAILROAD PARK RESTRO	$ 96.28
70	PPG ARCHITECTURAL FINISHES	PAINT FOR WWTP	$ 160.07
71	PREMIER OFFICE EQUIPMENT I	LIBRARY COPIER AGREEMENT	$ 64.52
72	RIETGRAF, MARTY	MATERIALS AND LABOR FOR SHELFS	$ 280.00
73	SAFE BUILDING COMPLIANCE &	BUILDING INSPECTIONS	$ 8,872.55
74	SANDRY FIRE SUPPLY	ANNUAL SERVICE FOR AIRPACKS	$ 1,798.70
75	STAPLES BUSINESS CREDIT	OFFICE SUPPLIES	$ 229.37
76	STAR EQUIPMENT LTD.	DOT SPEC TAR & RENTAL FEE	$ 1,686.08
77	STOLL, GERALD	REIMBURSE FOR WALL ART	$ 36.50
78	SYNCB/AMAZON	BOOKS AND DVDS	$ 609.90
79	TASC	FLEX BENEFIT PLANS	$ 1,116.56
80	THE SHERWIN-WILLIAMS CO.	YELLOW PAINT FOR CURBS	$ 278.40
81	TONIA ODDEN	YOUTH TENNIS	$ 65.00
82	U.S. BANK EQUIPMENT FINANC	JUNE AND JULY COPIER LEASE	$ 200.56
83	USA BLUEBOOK	SALES TAX	$ 317.03
84	VAN-WALL EQUIPMENT INC.	THROTTLE, PULLEY, CABLE	$ 386.68
85	VEENSTRA & KIMM, INC.	WESTVIEW HEIGHTS PRE PLAT REV	$ 20,732.00
86	VERIZON WIRELESS	PD & AMBULANCE CELL PHONES	$ 171.07
87	WINDSTREAM IOWA COMMUNICAT	DISPATCH PHONE	$ 72.96
88	YELLOWBLUE LED	LED BULBS AT WATER PLANT & TOW	$ 10,277.46
89	Payroll Expense		$ 114,636.33
90	**GRAND TOTAL**		**$ 416,770.29**
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7-23-19 Council Claims

	A	B	C
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94			
95		**FUND TOTALS**	
96	001 GENERAL FUND	$ 105,764.45	
97	002 LIBRARY	$ 8,957.47	
98	003 RECREATION	$ 6,111.79	
99	004 FIRE AND RESCUE	$ 12,863.59	
100	014 AMBULANCE	$ 2,311.68	
101	110 ROAD USE TAX	$ 20,962.23	
102	339 560TH AVENUE PAVING	$ 7,285.00	
103	343 KUM N GO WATER & SEWER	$ 11,370.00	
104	403 US 69/TIMBERLANE PROJECT	$ 12,478.94	
105	600 WATER UTILITY	$ 91,267.70	
106	610 SEWER UTILITY	$ 22,761.11	
107	01 PAYROLL EXPENSE	$ 114,636.33	
108	**GRAND TOTAL**	**$ 416,770.29**	
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7-23-19 Council Claims

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142	**Cardmember Services (Visa)**		
143	Admin	offsite backup, annual league conference, passport ink & paper, amazon prime, return of computer supplies	$ 8,119.39
144	P & Z	comp plan printed and bound	$ 1,219.45
145	Parks	grass seed, swing set & swings, flowers for railroad park, pipe for swingset, aerator return	$ 5,675.19
146	Streets	steel door	$ 139.00
147	FD	cpr	$ 220.00
148	Parks and Rec	vending products, canopy, bulletin board supplies, burpee balls, ice cream social products	$ 631.77
149	Council	memorial flowers	$ 53.50
150	Prairie Fest	50 am outlet	$ 8.74
151	PD	narcan	$ 250.00
152	Water	coffee, plates, sam's club, batteries	$ 282.13
153	Library	postage, office supplies, fareway, walmart, best buy, chicken shed, dvds	$ 557.33
154	**Total**		**$ 17,156.50**
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159	**Kempker's True Value**		
160	Streets	plug, grass seed , coupling, hook plate, nuts and bolts, toilet seat, fly ribbon, caulk, wood shim, refrigerant	$ 221.76
161	Parks	drain trap, drain bend, connectors, pipe compound, bushings, plug,	$ 71.69
162	Admin		$ 1.00
163	Buildings & Grounds	weed killer, pole barn screws,	$ 34.38
164	Water	paint, trim line, chip brush, deep woods spray, batteries, sealant, foam	$ 106.91
165	Library	program supplies,	$ 11.99
166	P & R	supplies for painting gym	$ 183.90
167	Wastewater	antifreeze, foil tape, flex duct, furnace filter, nuts and bolts, bushings, adapter, auto lamp bulbs, sealant	$ 114.57
168	PD	batteries	$ 15.99
169	**Total**		**$ 762.19**

COMMUNITY BETTERMENT

Prepared by John Haldeman, City Administrator for Huxley, Iowa, for the City Council Meeting on the 23rd day of July, 2019

RESOLUTION NO. 19-096

A RESOLUTION PROVIDING FOR THE NOTICE AND HEARING BEFORE THE CITY COUNCIL OF THE CITY OF HUXLEY, IOWA, ON A PROPOSAL TO REZONE CERTAIN PROPERTY OWNED BY *DICKSON AND LUANN JENSEN* IN WESTVIEW HEIGHTS FROM; SINGLE FAMILY AND DUPLEX RESIDENTIAL (R-2) TO PATIO HOMES RESIDENTIAL DISTRICT (R-2A).

WHEREAS, the City of Huxley, Iowa has received a request for the rezoning of a certain piece of real estate in Westview Heights in the City of Huxley, Iowa which will require the rezoning of the below-described property from, SINGLE FAMILY AND DUPLEX RESIDENTIAL (R-2) TO PATIO HOMES RESIDENTIAL DISTRICT (R-2A).
classifications; and

WHEREAS, the City Council of the City of Huxley, Iowa, deems it necessary to hold public hearing on the proposed rezoning of the following property:

R-2A ZONING

A PART OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 14, TOWNSHIP 82 NORTH, RANGE 24 WEST OF THE FIFTH PRINCIPAL MERIDIAN IN THE CITY OF HUXLEY, STORY COUNTY, IOWA AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF LOT 1, WESTVIEW HEIGHTS PLAT 1, AN OFFICIAL PLAT; THENCE NORTH 89°18'39" WEST ALONG THE NORTH LINE OF SAID WESTVIEW HEIGHTS PLAT 1, A DISTANCE OF 198.12 FEET; THENCE NORTH 00°36'21" EAST, 152.23 FEET; THENCE NORTHERLY ALONG A CURVE CONCAVE WESTERLY WHOSE RADIUS IS 10030.00 FEET, WHOSE ARC LENGTH IS 100.32 FEET AND WHOSE CHORD BEARS NORTH 00°19'09" EAST, 100.32 FEET; THENCE NORTH 00°01'58" EAST, 674.14 FEET; THENCE NORTHERLY ALONG A CURVE CONCAVE WESTERLY WHOSE RADIUS IS 105.00 FEET, WHOSE ARC LENGTH IS 15.61 FEET AND WHOSE CHORD BEARS NORTH 04°13'35" WEST, 15.60 FEET; THENCE SOUTH 89°58'02" EAST, 197.41 FEET TO THE WEST RIGHT OF WAY LINE OF U.S. HIGHWAY 69; THENCE SOUTH 00°02'35" WEST ALONG SAID WEST RIGHT OF WAY LINE, 944.50 FEET TO THE POINT OF BEGINNING AND CONTAINING 4.25 ACRES (185,278 SQUARE FEET). THE PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS OF RECORD.

LAYMAN'S DESCRIPTION:

Property in Story County, Iowa lying just west of Highway 69 and North of West Centennial Drive in the Huxley City Limits.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Huxley, Iowa, as follows:

1. A public hearing shall be held at 6:00 p.m. on August 13, 2019 in the Council Chambers, at 515 North Main Avenue, Huxley, Iowa, on the question of rezoning the above-described property from R-2 and R-2A zoning classification, as specifically described above.

2. The City Clerk is hereby authorized and directed to give all the proper notices of such hearing at the time and in the manner required by law.

PASSED, ADOPTED AND APPROVED this ___ day of July, 2019.

Roll Call	**Aye**	**Nay**	**Absent**
Dave Jensen	___	___	___
Dave Kuhn	___	___	___
Greg Mulder	___	___	___
Rick Peterson	___	___	___
Tracey Roberts	___	___	___

APPROVAL BY MAYOR

I hereby approve the foregoing **Resolution No. 19-096** my affixing below my official signature as Mayor of the City of Huxley, Iowa, this _____rd day of July, 2019.

_____
Craig D. Henry, Mayor

ATTEST:

_____
Jolene R. Lettow, City Clerk

NOTICE OF PUBLIC HEARING BEFORE THE HUXLEY CITY COUNCIL OF THE CITY OF HUXLEY ON THE REZONING REQUEST OF CERTAIN PROPERTY OWNED BY DICKSON AND LUANN JENSEN FROM SINGLE FAMILY AND DUPLEX RESIDENTIAL (R-2) TO PATIO HOMES RESIDENTIAL DISTRICT (R-2A) CLASSIFICATION IN WESTVIEW HEIGHTS IN THE CITY OF HUXLEY, IOWA

TO: ALL CITIZENS AND RESIDENTS OF THE CITY OF HUXLEY, IOWA, AND TO ALL OTHER PERSONS WHO MAY BE ENTITLED TO NOTICE OF A PUBLIC HEARING ON THE REZONING OF PROPERTY IN THE CITY OF HUXLEY, IOWA.

YOU ARE HEREBY NOTIFIED that the Huxley City Council is considering the rezoning of certain real estate property in Westview Heights, in the City of Huxley, Iowa:

R-2A ZONING

A PART OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 14, TOWNSHIP 82 NORTH, RANGE 24 WEST OF THE FIFTH PRINCIPAL MERIDIAN IN THE CITY OF HUXLEY, STORY COUNTY, IOWA AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF LOT 1, WESTVIEW HEIGHTS PLAT 1, AN OFFICIAL PLAT; THENCE NORTH 89°18'39" WEST ALONG THE NORTH LINE OF SAID WESTVIEW HEIGHTS PLAT 1, A DISTANCE OF 198.12 FEET; THENCE NORTH 00°36'21" EAST, 152.23 FEET; THENCE NORTHERLY ALONG A CURVE CONCAVE WESTERLY WHOSE RADIUS IS 10030.00 FEET, WHOSE ARC LENGTH IS 100.32 FEET AND WHOSE CHORD BEARS NORTH 00°19'09" EAST, 100.32 FEET; THENCE NORTH 00°01'58" EAST, 674.14 FEET; THENCE NORTHERLY ALONG A CURVE CONCAVE WESTERLY WHOSE RADIUS IS 105.00 FEET, WHOSE ARC LENGTH IS 15.61 FEET AND WHOSE CHORD BEARS NORTH 04°13'35" WEST, 15.60 FEET; THENCE SOUTH 89°58'02" EAST, 197.41 FEET TO THE WEST RIGHT OF WAY LINE OF U.S. HIGHWAY 69; THENCE SOUTH 00°02'35" WEST ALONG SAID WEST RIGHT OF WAY LINE, 944.50 FEET TO THE POINT OF BEGINNING AND CONTAINING 4.25 ACRES (185,278 SQUARE FEET). THE PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS OF RECORD.

LAYMAN'S DESCRIPTION:

Property in Story County, Iowa lying just west of Highway 69 and North of West Centennial Drive in the Huxley City Limits.

YOU ARE FURTHER AND SPECIFICALLY NOTIFIED that a hearing before the Huxley City Council to consider the above mentioned property to be rezoned has been set to commence on the 13th day of August, 2019 at 6:00 p.m. in the City Council Chambers, 515 North Main Avenue in the City of Huxley, Iowa, at which time and place any person wishing to speak for or against said rezoning will be given the opportunity to be heard.

_____

Jolene Lettow, City Clerk

PETITION FOR CHANGE IN ZONING CLASSIFICATION					
	Name of Property Owner	Mailing Address	Total Area of Property (SF)	Area in Rezoning (SF)	% of Total (SF)
1	Dickson & Luann Jensen	4611 Mortensen Rd Ste 106 Ames, IA 50014	1,687,199	285,362	16.91%
2	William & Colleen Hand	34615 510th St Huxley, IA 50124	90,605	5,534	1.73%
3	Lawrence Radke	34524 510th St Huxley, IA 50124	99,111	5,475	1.81%
4	Charlene Mullin	30934 US Hwy 69 Huxley, IA 50124	49,738	9,159	1.52%
5	Wadell Stephanie Mullin	30934 N US Hwy 69 Huxley, IA 50124	86,111	7,537	1.23%
6	Volodimir & Stacy Petrenko	31018 N US Hwy 69 Huxley, IA 50124	88,788	1,0[illegible]	0.61%
7	Javier Medina	412 W Centennial Dr Huxley, IA 50124	17,810	16,828	4.56%
8	Tyler Jones	416 W Centennial Dr Huxley, IA 50124	14,579	3,659	1.38%
		TOTAL	[illegible]	[illegible]	100.00%

OWNER / APPLICANT:

DICKSON & LUANN JENSEN
CONTACT: DICKSON JENSEN
4611 MORTENSEN ROAD, SUITE 108
AMES, IA 50014
PH: (515) 233-2752

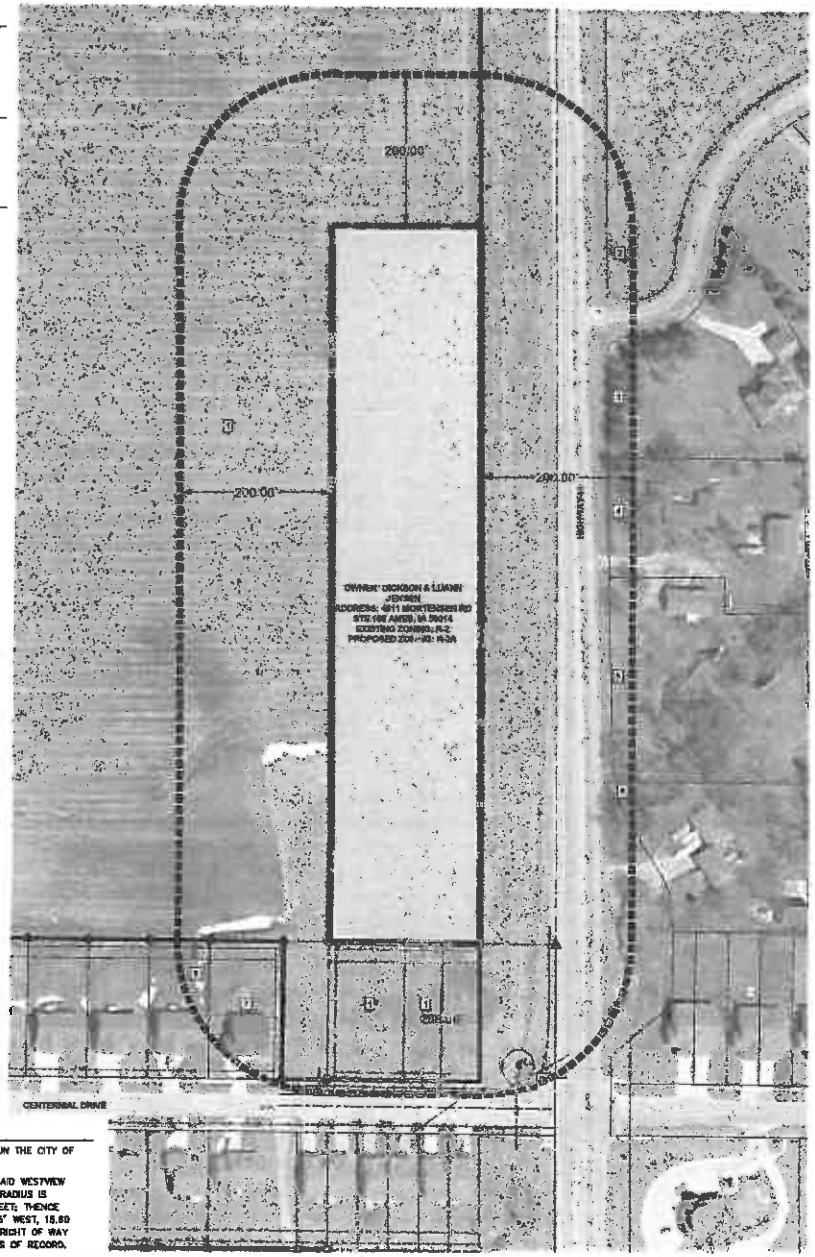
ENGINEER / SURVEYOR:

CIVIL DESIGN ADVANTAGE, LLC
CONTACT: ERIN OLLENDINE
3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PH: (515) 369-4400

ZONING:

EXISTING: R-2: SINGLE-FAMILY AND DUPLEX RESIDENTIAL DISTRICT

PROPOSED: R-2A: PATIO HOMES RESIDENTIAL DISTRICT



REZONING BOUNDARY DESCRIPTION

A PART OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 14, TOWNSHIP 82 NORTH, RANGE 24 WEST OF THE FIFTH PRINCIPAL MERIDIAN IN THE CITY OF HUXLEY, STORY COUNTY, IOWA AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF LOT 1, WESTVIEW HEIGHTS PLAT 1, AN OFFICIAL PLAT; THENCE NORTH 89°15'39" WEST ALONG THE NORTH LINE OF SAID WESTVIEW HEIGHTS PLAT 1, A DISTANCE OF 198.12 FEET; THENCE NORTH 00°36'21" EAST, 152.23 FEET; THENCE NORTHERLY ALONG A CURVE CONCAVE WESTERLY WHOSE RADIUS IS 10030.00 FEET, WHOSE ARC LENGTH IS 100.32 FEET AND WHOSE CHORD BEARS NORTH 00°19'09" EAST, 100.32 FEET; THENCE NORTH 00°01'56" EAST, 674.14 FEET; THENCE NORTHERLY ALONG A CURVE CONCAVE WESTERLY WHOSE RADIUS IS 105.00 FEET, WHOSE ARC LENGTH IS 15.61 FEET AND WHOSE CHORD BEARS NORTH 04°13'35" WEST, 15.60 FEET; THENCE SOUTH 89°58'02" EAST, 187.44 FEET TO THE WEST RIGHT OF WAY LINE OF U.S. HIGHWAY 69; THENCE SOUTH 00°02'35" WEST ALONG SAID WEST RIGHT OF WAY LINE, 944.50 FEET TO THE POINT OF BEGINNING AND CONTAINING 4.25 ACRES (185,276 SQUARE FEET). THE PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS OF RECORD.

N

SCALE
0 40' 80' 160'

REVISIONS	DATE
2ND SUBMITTAL	04/17/18
1ST SUBMITTAL	03/26/18

3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
ENGINEER: EKO
EI: JKM
CIVIL DESIGN ADVANTAGE

WESTVIEW HEIGHTS
REZONING MAP

HUXLEY, IOWA

1/1

1812.053

Prepared by John Haldeman, City Administrator, for the City Council meeting to be held on the 23rd day of July, 2019.

RESOLUTION NO. 19-097

RESOLUTION APPROVING CONSTRUCTION PLANS FOR THE WESTVIEW HEIGHTS SUBDIVISION PLAT #1, TO THE CITY OF HUXLEY, IOWA

WHEREAS, the Construction Plans for the Westview Heights Subdivision Plat #1 have been submitted for review by Public Works and the City's Engineer; and

WHEREAS, the review has taken place and the recommendations and questions have been submitted to the developer.

BE IT RESOLVED, THEREFORE, that the Construction Plans for the Westview Heights Subdivision Plat #1 has been recommended for approval, subject to the conditions (if any) as set forth below and in the attached document;

1.
2.
3.

Roll Call	**Aye**	**Nay**	**Absent**
David Jensen	___	___	___
David Kuhn	___	___	___
Greg Mulder	___	___	___
Rick Peterson	___	___	___
Tracey Roberts	___	___	___

PASSED, ADOPTED AND APPROVED this _____ day of July, 2019

APPROVAL BY MAYOR

I hereby approve the foregoing **Resolution No. 19-097** by affixing below my official signature as Mayor of the City of Huxley, Iowa, this _____ day of July, 2019.

_____
Craig D. Henry, Mayor

ATTEST:

_____
Jolene Lettow, City Clerk

VEENSTRA & KIMM, INC.
3000 Westown Parkway • West Des Moines, Iowa 50266-1320
515-225-8000 • 515-225-7848 (FAX) • 800-241-8000 (WATS)

July 19, 2019

John Haldeman
City Administrator
City of Huxley
515 N. Main Avenue
Huxley, Iowa 50124

HUXLEY, IOWA
WESTVIEW HEIGHTS PLAT 1
CONSTRUCTION PLANS

We have reviewed the construction plans for Westview Heights Plat 1 and find it acceptable with the following comments.

1. Temporary pavement turnarounds are to be hard surfaced and not granular. We recommend a waiver be granted from this requirement because of the quick timing proposed for the street pavement to be extended and these turnarounds eliminated. It has been agreed the turnarounds will be paved if Phase 2 construction has not started by the time the final plat for Phase 1 is accepted by the City Council.

If you have any questions or comments, please contact us at 515-225-8000.

VEENSTRA & KIMM, INC.

Forrest S. Aldrich

FSA:dml
45229-041
cc: Jeff Peterson, City of Huxley (e-mail)
Roger Wheeler (e-mail)
Erin Ollendike, Civil Design Advantage (e-mail)

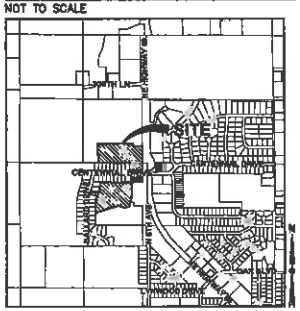
CONSTRUCTION PLANS FOR:

WESTVIEW HEIGHTS PLAT 2

HUXLEY, IOWA

VICINITY MAP

NOT TO SCALE



HUXLEY, IOWA

INDEX OF SHEETS

NO.	DESCRIPTION
1	TITLE SHEET
2–3	TYPICAL SECTIONS AND DETAILS
4	QUANTITIES, REFERENCE NOTES AND GENERAL NOTES
5	HYDRANT COVERAGE PLAN
6–10	GRADING PLAN
11–14	EROSION & SEDIMENT CONTROL PLAN
15–21	STORM & SANITARY SEWER PLAN AND PROFILE
22–26	WATERMAIN PLAN AND PROFILE
27	INTERSECTION DETAILS

GENERAL LEGEND

PROPOSED

- PROPERTY BOUNDARY
- 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
- TYPE SW-513 STORM INTAKE
- TYPE SW-401 STORM MANHOLE
- TYPE SW-402 STORM MANHOLE
- FLARED END SECTION
- TYPE SW-301 SANITARY MANHOLE
- STORM/SANITARY CLEANOUT
- WATER VALVE
- FIRE HYDRANT ASSEMBLY
- SIGN
- DETECTABLE WARNING PANEL
- WATER CURB STOP
- STORM SEWER STRUCTURE NO. — ST-10
- STORM SEWER PIPE NO. — L-10
- SANITARY SEWER STRUCTURE NO. — S-10
- SANITARY SEWER PIPE NO. — P-10
- 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

EXISTING

- SANITARY MANHOLE
- WATER VALVE BOX
- FIRE HYDRANT
- WATER CURB STOP
- WELL
- STORM SEWER MANHOLE
- 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
- ELECTRIC TRANSFORMER
- ELECTRIC MANHOLE OR VAULT
- TRAFFIC SIGN
- TELEPHONE JUNCTION BOX
- TELEPHONE MANHOLE/VAULT
- TELEPHONE POLE
- GAS VALVE BOX
- CABLE TV JUNCTION BOX
- CABLE TV MANHOLE/VAULT
- MAIL BOX
- BENCHMARK
- SOIL BORING
- UNDERGROUND TV CABLE — TV —
- GAS MAIN — G —
- FIBER OPTIC — FO —
- UNDERGROUND TELEPHONE — T —
- OVERHEAD ELECTRIC — OE —
- UNDERGROUND ELECTRIC — E —
- FIELD TILE — TILE —
- SANITARY SEWER WITH SIZE — 8"S —
- STORM SEWER WITH SIZE — 18"ST —
- WATER MAIN WITH SIZE — 8"W —

OWNER / APPLICANT

HARVESTER LAND HOLDINGS LC
CONTACT: DICKSON JENSEN
4811 MORTENSEN ROAD, SUITE 106
AMES, IA 50014
PH: (515) 233-2752

ENGINEER/ SURVEYOR

CIVIL DESIGN ADVANTAGE
3405 SE CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PH. (515) 369-4400
FX. (515) 369-4410
CONTACT: ERIN OLLENDIKE
EMAIL: ERINO@CDA-ENG.COM

ZONING

R-2: SINGLE FAMILY AND DUPLEX RESIDENTIAL DISTRICT

DATE OF SURVEY

DECEMBER 21, 2018

DEVELOPMENT SCHEDULE

PHASE 1 – 2019
PHASE 2 – 2020

SUBMITTAL DATES

FIRST SUBMITTAL: 06/26/2019
SECOND SUBMITTAL: 07/16/2019

BENCHMARKS

BM #1
ARROW ON HYDRANT SOUTHEAST CORNER OF CENTENNIAL DRIVE AND US HIGHWAY 69.
ELEVATION=94.2

BM #2
ARROW ON HYDRANT SOUTHWEST CORNER OF CENTENNIAL DRIVE AND NORTHPARK BOULEVARD.
ELEVATION=108.35

BM #3
TOP BURY BOLT ON HYDRANT LOCATED IN THE SE CORNER OF 914 BALLARD DRIVE, 247 FEET +/- NORTH OF THE NORTH ENTRANCE TO BALLARD HIGH SCHOOL PARKING LOT.
ELEVATION=114.41

BULK REGULATIONS

SETBACKS
FRONT YARD: 30'
SIDE YARD: 8' ATTACHED, 5' DETACHED
REAR YARD: 25'

UTILITY WARNING

THE 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.

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com

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

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

THE 2019 EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTAL SPECIFICATIONS SHALL APPLY TO ALL WORK ON THIS PROJECT EXCEPT AS MODIFIED HEREIN.

CIVIL DESIGN ADVANTAGE
3405 SE CROSSROADS DR. SUITE G GRIMES, IOWA 50111
PH: (515) 369-4400 Fax: (515) 369-4410

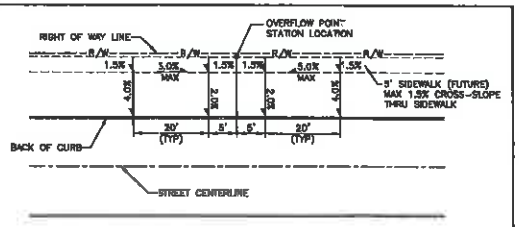
PROJECT NO. 1812.653

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.

PRELIMINARY
NOT FOR CONSTRUCTION

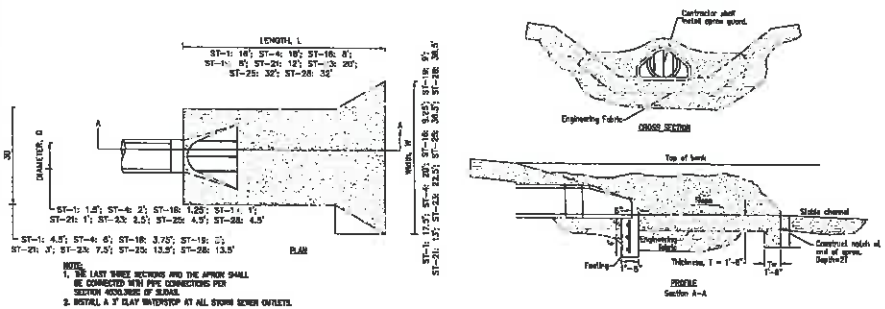
DATE

LICENSE RENEWAL DATE IS DECEMBER 31, 2019
PAGES OR SHEETS COVERED BY THIS SEAL
SHEETS 1–27



TYPICAL DEPRESSED SIDEWALK GRADING AT STORM WATER OVERFLOW POINTS

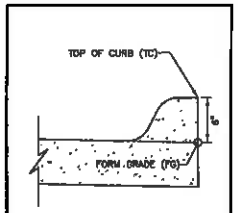
NOT TO SCALE



NOTE:
1. THE LAST THREE SECTIONS AND THE APRON SHALL BE CONNECTED WITH PIPE CONNECTIONS PER SECTION 4030.303(B) OF SUDAS.
2. INSTALL A 3' CLAY WATERSTOP AT ALL STORM SEWER OUTLETS.

ROCK APRON FOR PIPE OUTLET

NOT TO SCALE



INTEGRAL 6" STANDARD CURB SPOT ELEVATION REFERENCE DETAIL

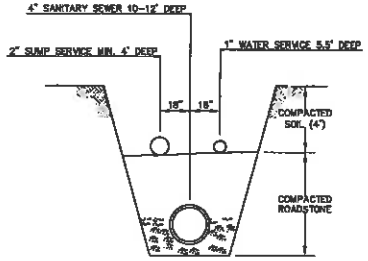
NOT TO SCALE

1. Parallel Curb Ramp: Target cross slope of 1.5% with a maximum cross slope of 2.0%. The length of the parallel ramp is not to exceed 15 feet, regardless of resulting slope. Do not exceed 8.3% slope for parallel ramps shorter than 15 feet.
2. Turning Space: Target slope of 1.5% with a maximum slope perpendicular to the travel direction of 2.0%. Ath mid-block crossings, cross slope of landing may exceed 2.0% to match the roadway grade. Minimum 5 feet by 5 feet.
3. Target cross-slope of 1.5% with a maximum cross-slope of 2.0%.
4. Perpendicular curb ramp: Target running slope of 8.1% with maximum running slope of 8.3%.

The minimum pavement depth for ramps and landings shall be 8-inches.

CURB RAMP FOR CLASS B OR C SIDEWALK

NOT TO SCALE

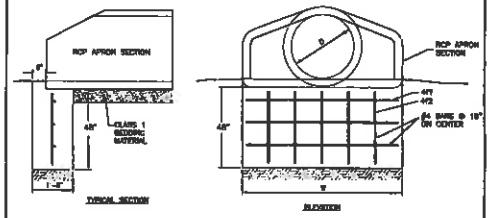


NOTES:

1. SANITARY SERVICES SHALL TERMINATE 10' BEYOND ROW LINE.
2. STORM SHALL TERMINATE AT ROW.
3. WATER SHALL TERMINATE AT STOP BOX PLACED AT ROW.
4. MARK SERVICE LOCATIONS WITH PAINTED POSTS.
5. WATER: BLUE POST
   SANITARY: GREEN POST
   STORM: WHITE POST

INTERIM SERVICE LOCATION DETAIL

NOT TO SCALE



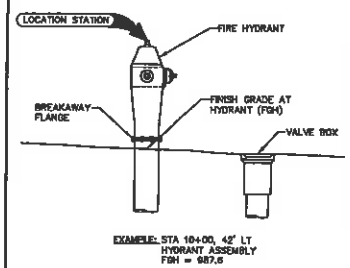
REINFORCING BAR LIST

D	T	Mark	Size	Length	Count
12"	2'-4"	4#1	4	2'-4"	3
		4#2	4	3'-8"	3
18"	2'-10"	4#1	4	3'-0"	3
		4#2	4	3'-8"	3
18"	3'-5"	4#1	4	3'-11"	3
		4#2	4	3'-8"	3
24"	4'-4"	4#1	4	4'-3"	3
		4#2	4	3'-8"	3
30"	5'-7"	4#1	4	5'-3"	3
		4#2	4	3'-8"	4
36"	6'-8"	4#1	4	6'-3"	3
		4#2	4	3'-8"	5
42"	7'-3"	4#1	4	6'-11"	3
		4#2	4	3'-8"	6

D	T	Mark	Size	Length	Count
48"	7'-10"	4#1	4	7'-7"	3
		4#2	4	3'-8"	6
54"	8'-5"	4#1	4	8'-1"	3
		4#2	4	3'-8"	6
60"	8'-11"	4#1	4	8'-7"	3
		4#2	4	3'-8"	6
66"	9'-11"	4#1	4	9'-7"	3
		4#2	4	3'-8"	6
72"	10'-0"	4#1	4	9'-8"	3
		4#2	4	3'-8"	7
78"	10'-7"	4#1	4	10'-3"	3
		4#2	4	3'-8"	7
84"	11'-1"	4#1	4	10'-9"	3
		4#2	4	3'-8"	8

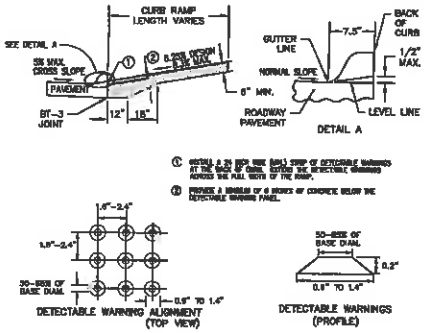
RCP APRON FOOTING DETAIL

NOT TO SCALE



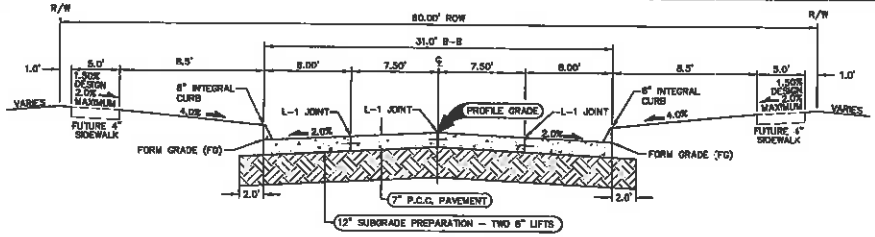
HYDRANT ASSEMBLY SPOT ELEVATION REFERENCE DETAIL

NOT TO SCALE



DETECTABLE WARNING STRIP DETAIL

NOT TO SCALE



31' B/B P.C.C. ROADWAY WITH 60' R.O.W.

NOT TO SCALE — STREET A AND STREET B

NOTES:
1. PREPARE SUBGRADE IN 2 – 6" LIFTS.
2. MAXIMUM C JOINT SPACING IS 15'.

REVISIONS	DATE
SECOND SUBMITTAL	07/14/15
FIRST SUBMITTAL	06/29/15

3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
ENGINEER: EKO
EI: GH/JWM
CIVIL DESIGN ADVANTAGE

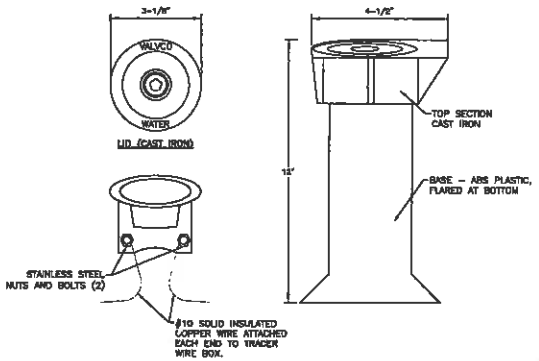
WESTVIEW HEIGHTS PLAT 2
TYPICAL SECTIONS AND DETAILS

HUXLEY, IOWA

1812.253

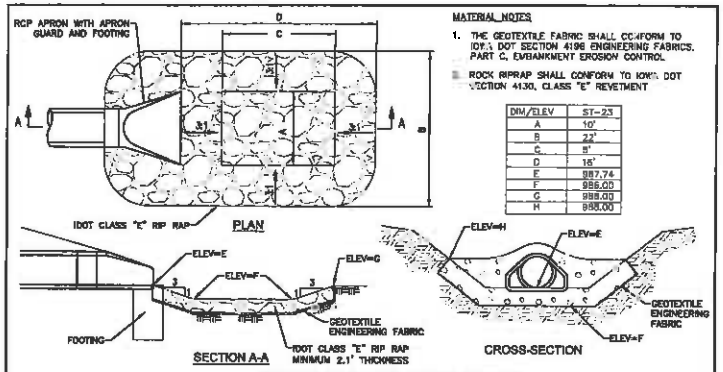
TRACER WIRE SHALL BE TERMINATED AT EACH END IN A FLUSH MOUNT ACCESS BOX. ACCESS BOX SHALL HAVE A CAST IRON LID THAT CAN BE LOCKED AND OPENED WITH A STANDARD PENTAGON HEAD KEY WRENCH. TRACER WIRES SHALL BE STRIPPED AND ATTACHED TO STAINLESS STEEL SCREWS MOUNTED TO THE UNDERSIDE OF THE LID. SUFFICIENT SLACK SHALL BE LEFT IN WIRE LENGTH SO COVER CAN BE LIFTED WITH WIRE INTACT. TRACER WIRE ACCESS BOX SHALL BE LOCATED DIRECTLY IN FRONT OF FIRE HYDRANTS OR SHOWN INDICATED ON DRAWINGS AND BE SET TO GRADE. TRACER WIRE ACCESS BOX SHALL BE OF DOMESTIC MANUFACTURE AND BE FOUND TO VALVCO TRAIL.

CONTACT: FISCHER, HARRIS & ASSOCIATES FOR INFORMATION 800-424-7379



TRACER WIRE ACCESS/STOP BOX DETAIL

NOT TO SCALE



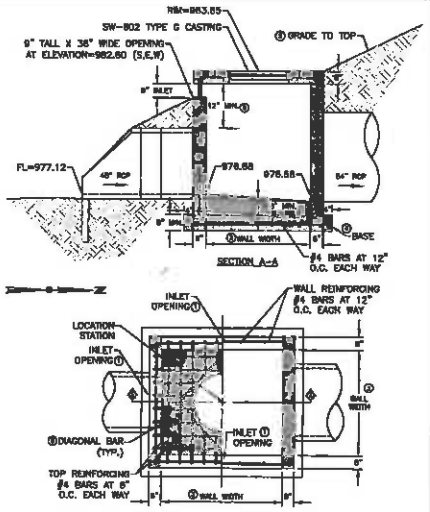
MATERIAL NOTES

1. THE GEOTEXTILE FABRIC SHALL CONFORM TO IOWA DOT SECTION 4196 ENGINEERING FABRICS, PART C, EMBANKMENT EROSION CONTROL.
2. ROCK RIPRAP SHALL CONFORM TO IOWA DOT SECTION 4130, CLASS "E" REVETMENT

DIM/ELEV	ST-23
A	10'
B	22'
C	8'
D	16'
E	987.74
F	988.00
G	988.00
H	988.00

RIPRAP STILLING BASIN DETAIL

NOT TO SCALE



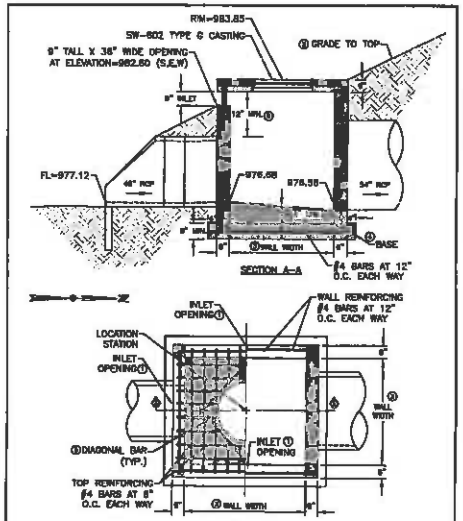
STRUCTURE MAY BE BUILT WITH OPENINGS ON ANY OR ALL SIDES. PROVIDE OPENINGS AND ORIENTATION AS SPECIFIED IN THE CONTRACT DOCUMENTS.

ADJACENT WALLS MAY HAVE DIFFERENT WIDTHS BASED UPON PIPE CONFIGURATION, BUT STRUCTURE MUST BE RECTANGULAR.

1. CONSTRUCT INLET OPENINGS WITH 15-INCH #4 EPOXY-COATED BARS AT 6 INCHES ON CENTER. EMBED BARS A MINIMUM OF 3 INCHES INTO WALLS AND TOP AT ALL OPENINGS. CONSTRUCT 3 INLET OPENINGS 9" TALL AND 36" WIDE.
2. GRADE TO INLET ELEVATION ON OPEN SIDES. GRADE TO TOP ELEVATION ON CLOSED SIDES.
3. WALL WIDTHS VARY WITH PIPE DIA. PROVIDE 6 INCHES OF WALL WIDTH (MINIMUM) EACH SIDE OF PIPE OPENING. MINIMUM WALL WIDTH IS 30 INCHES. MAXIMUM WALL WIDTH IS 72 INCHES.
4. CAST-IN-PLACE BASE SHOWN. IF BASE IS PRECAST INTEGRAL WITH WALLS, THE FOOTPRINT OF BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE WALLS.
5. INSTALL FOUR #4 DIAGONAL BARS AT ALL PIPE OPENINGS.
6. 12" MINIMUM WALL HEIGHT ABOVE ALL PIPES.
7. CORNER PIER REQUIRED BETWEEN OPENINGS OF TWO ADJACENT WALLS. EXTEND WALL REINFORCING VERTICALLY THROUGH PIER. INSTALL ONE ADDITIONAL 15-INCH #4 BAR IN PIER.

4' x 6' SW-513 INTAKE (ST-29)

NOT TO SCALE



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4' x 6' SW-513 INTAKE (ST-26)

NOT TO SCALE

REVISIONS	DATE
SECOND SUBMITTAL	07/19/19
FIRST SUBMITTAL	06/28/19

3405 S.E. CROSSROADS DRIVE, SUITE G
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CIVIL DESIGN ADVANTAGE
ENGINEER: EKO
EI: GHJ/WM

WESTVIEW HEIGHTS PLAT 2

TYPICAL SECTIONS AND DETAILS

HUXLEY, IOWA

ESTIMATED PROJECT QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
1	COMBINED CLEARING AND GRUBBING	LS	1
2	STRIPPING, SALVAGING AND SPREAD TOPSOIL	LS	1
3	CLASS 10 EXCAVATION	LS	1
4	SUBGRADE PREPARATION	SY	5,231
5	SANITARY SEWER GRAVITY MAIN, PVC, 12 IN. DIA.	LF	1,451
6	SANITARY SEWER SERVICE STUB, PVC, 4 IN. DIA.	EA	33
7	FOOTING DRAIN COLLECTOR, 8" PVC	EA	826
8	STORM SEWER, TRENCHED, 12" RCP	LF	69
9	STORM SEWER, TRENCHED, 15" RCP	LF	747
10	STORM SEWER, TRENCHED, 18" RCP	LF	255
11	STORM SEWER, TRENCHED, 24" RCP	LF	246
12	STORM SEWER, TRENCHED, 48" RCP	LF	30
13	STORM SEWER, TRENCHED, 54" RCP	LF	142
14	STORM SEWER SERVICE STUB, PVC, 2" DIA	EA	31
15	STORM SEWER, 12" RCP APRON	EA	4
16	STORM SEWER, 15" RCP APRON	EA	2
17	STORM SEWER, 18" RCP APRON	EA	2
18	STORM SEWER, 24" RCP APRON	EA	4
19	STORM SEWER, 48" RCP APRON	EA	2
20	STORM SEWER, 54" RCP APRON	EA	2
21	FOOTING FOR CONCRETE PIPE APRON, RCP, 12 IN. DIA.	EA	4
22	FOOTING FOR CONCRETE PIPE APRON, RCP, 15 IN. DIA.	EA	1
23	FOOTING FOR CONCRETE PIPE APRON, RCP, 18 IN. DIA.	EA	2
24	FOOTING FOR CONCRETE PIPE APRON, RCP, 24 IN. DIA.	EA	4
25	FOOTING FOR CONCRETE PIPE APRON, RCP, 48 IN. DIA.	EA	2
26	FOOTING FOR CONCRETE PIPE APRON, RCP, 54 IN. DIA.	EA	2
27	PIPE APRON GUARD	EA	16
28	WATER MAIN, TRENCHED, 8" DIA	LF	1,420
29	WATER SERVICE STUB, 1" DIA.	EA	33
30	VALVE, 8" DIA.	EA	5
31	FIRE HYDRANT ASSEMBLY	EA	5
32	TEMPORARY BLOWOFF FIRE HYDRANT	EA	2
33	MANHOLE TYPE SW-301, 48 IN. DIA.	EA	8
34	MANHOLE TYPE SW-401, 48 IN. DIA.	EA	8
35	INTAKE TYPE SW-501	EA	1
36	INTAKE TYPE SW-503	EA	1
37	INTAKE TYPE SW-505	EA	2
38	INTAKE TYPE SW-506	EA	2
39	INTAKE TYPE SW-513	EA	2
40	PAVEMENT, PCC, 7 IN.	SY	4,617
41	PAVEMENT, SIDEWALK, 4" P.C.C.	SY	30
42	PAVEMENT, SIDEWALK RAMPS, 8" P.C.C.	SY	37
43	DETECTABLE WARNING PANELS	SF	80
44	TRAFFIC CONTROL	LS	1
45	ROAD CLOSURE SIGN – URBAN, SI-182	EA	10
46	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	38.38
47	EROSION AND SEDIMENT CONTROL	LS	1
48	RIP RAP, CLASS "E"	TON	125
49	8-INCH CIRCULAR TURNAROUND	SY	1,188
50	STILLING BASIN, CLASS 'E' RIP RAP	LS	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 2019 EDITION OF SUDAS STANDARD 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.
1	CLEAR AND GRUB ALL AREAS AFFECTED BY GRADING OPERATIONS. THE CONTRACTOR SHALL FIELD VERIFY CLEARING AND GRUBBING NEEDS 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 OUTSIDE OF THE PROJECT LIMITS.
2	STRIP, SALVAGE AND SPREAD TOPSOIL. RESPREAD TOPSOIL WITHIN THE RIGHT OF WAY, ON BACKSLOPES AND IN DEVELOPED AREAS A MINIMUM OF 4 INCHES THICK. TOPSOIL TO BE RESPREAD SHALL BE FREE OF ROCK AND DEBRIS AND BE SUITABLE FOR THE GROWTH OF GRASS. COORDINATE LOCATION OF STOCKPILE WITH OWNER.
3	EXCAVATION INCLUDES ALL WORK NECESSARY TO ACHIEVE PROPER GRADES AS SHOWN IN THE PLANS. NO PAYMENT FOR OVERHAUL SHALL BE ALLOWED.
4	REFER TO SHEET 2 FOR TYPICAL SECTION DETAILS FOR LOCATIONS AND THICKNESS.
5–8	REFER TO FIG. 3010.101 – TRENCH BEDDING AND BACKFILL ZONES AND FIG. 3010.103 – FLEXIBLE GRAVITY PIPE TRENCH BEDDING FOR BEDDING AND BACKFILL DETAILS. GRANULAR PIPE BEDDING SHALL BE CONSIDERED INCIDENTAL. SANITARY SEWER SHALL BE PVC TRUSS PIPE. CLEAN AND TELEVISE SANITARY SEWER PRIOR TO PAVING AND PROVIDE TELEVISING REPORT TO CITY IN HARD COPY AND DISC FORMAT. TELEVISING SHALL BE CONSIDERED INCIDENTAL. MANDREL TESTING NOT REQUIRED. CONTRACTOR SHALL CONTACT CITY REPRESENTATIVES TO COORDINATE TRACER WIRE ACCESS BOX LOCATIONS. TRACER WIRE NEEDS TO BE PROVIDED ALONG SANITARY SEWER. THE TRACER WIRE IS TO BE TERMINATED IN A BOX LOCATED BEHIND THE CURB ACROSS FROM THE MANHOLE. REFER TO SHEET 3 TRACER WIRE ACCESS/STOP BOX DETAIL. CONNECTION TO EXISTING SANITARY SEWER SHALL BE CONSIDERED INCIDENTAL.
7–20	REFER TO FIG. 3010.101 THRU 3010.103 FOR PIPE EMBEDMENT DETAILS. GRANULAR PIPE BEDDING SHALL BE CONSIDERED INCIDENTAL. WRAP ALL STORM SEWER PIPE JOINTS WITH ENGINEERING FABRIC. STORM SEWER PIPE LENGTHS IN THE PLAN AND PROFILE SHEETS INCLUDE THE LENGTH OF THE APRON. STORM SEWER TO HAVE GASKETED JOINTS FOR ONE SECTION OF PIPE AT CRITICAL CROSSINGS WHERE THE WATER MAIN CROSSES BELOW THE STORM SEWER. GASKETED JOINTS SHALL MEET ASTM C443. CLEAN AND TELEVISE STORM SEWER PRIOR TO PAVING AND PROVIDE TELEVISING REPORT TO CITY IN HARD COPY AND DISC FORMAT. TELEVISING SHALL BE CONSIDERED INCIDENTAL. CONTRACTOR SHALL CONTACT CITY REPRESENTATIVES TO COORDINATE TRACER WIRE ACCESS BOX LOCATIONS. TRACER WIRE SHALL BE PROVIDED ALONG STORM SEWER MAINS.
7	FOOTING DRAIN COLLECTOR PIPES SHALL BE SDR 35 PVC.
8, 14, 29	REFER TO SHEET 2 FOR TYPICAL SERVICE STUB DETAIL.
14	STORM SEWER SERVICES SHALL BE PVC SCHEDULE 40. STORM SEWER SERVICES SHALL BE EXTENDED WITH AN ELBOW TO FINISH GRADE AND CAPPED.
15–20	THE LAST THREE SECTIONS AND APRON SHALL BE CONNECTED WITH PIPE CONNECTORS PER SECTION 4030 3.02C.
21–26	REFER TO FIG. 4030.221 – RCP APRON SECTION FOOTING DETAIL FOR FOOTING CONSTRUCTION DETAILS.
27	REFER TO FIG. 4030.225 – METAL PIPE APRONS AND APRON GUARDS FOR CONSTRUCTION DETAILS.
28	REFER TO FIG. 3010.101 AND 3010.104 FOR PIPE EMBEDMENT DETAILS. GRANULAR PIPE BEDDING SHALL BE CONSIDERED INCIDENTAL. REFER TO FIG. 3010.101 FOR THRUST BLOCK DETAILS. PROVIDE POLYETHYLENE ENCASEMENT PER SECTION 3010 3.05. REFER TO FIG. 3010.102 FOR TRACER WIRE DETAILS. ALL FITTINGS, THRUST BLOCKS, POLYETHYLENE ENCASEMENT AND TRACER SYSTEM SHALL BE CONSIDERED INCIDENTAL. WATER MAIN SHALL HAVE A MINIMUM OF 5.50' OF COVER FROM THE TOP OF THE PIPE. PIPE MATERIAL TO BE AWWA C900 SDR 18. CONTRACTOR RESPONSIBLE FOR DISINFECTION AND TESTING. CONTRACTOR SHALL CONTACT CITY REPRESENTATIVES TO COORDINATE TRACER WIRE ACCESS BOX LOCATIONS. TRACER WIRE SHALL BE PROVIDED ALONG ALL WATER MAIN AND HYDRANT LEGS. WRAP AND TAPE ALL DUCTILE IRON FITTINGS AND VALVES.
29	REFER TO FIG. 8010.901 – MINIMUM CLEARANCE BETWEEN WATER SERVICE AND STRUCTURE. INCLUDES WATER SERVICE, CORPORATION VALVE, AND STOP BOXES. WATER SERVICE SHALL BE TYPE K COPPER. NO COUPLINGS ALLOWED ON SERVICE LINES. STOP BOXES SHALL BE ARCH TYPE WITH STAINLESS STEEL RODS. ALL CURB STOPS SHALL BE ONE-PIECE WITH NO EXTENSIONS.

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
31	REFER TO FIG. 5020.201 – FIRE HYDRANT DETAIL FOR FIRE HYDRANT CONSTRUCTION DETAILS. INCLUDES ANCHORING TEE, ANCHORING ELBOW, GATE VALVE, VALVE BOX, ANCHORING COUPLING, ELBOWS, FIRE HYDRANT AND TRACER SYSTEMS. HYDRANTS TO BE CLOW MEDALLION OR WATEROUS PACER WITH STORZ NOZZLE ON PUMPER FITTING.
33	REFER TO FIG. 6010.301 FOR SW-301 SANITARY SEWER MANHOLE CONSTRUCTION DETAILS. REFER TO FIG. 6010.801 – CASTINGS FOR SANITARY SEWER MANHOLES FOR CASTING DETAILS. TYPE "A" TWO-PIECE CASTINGS REQUIRED SINCE MANHOLES ARE NOT PLACED IN PAVEMENT ALONG WITH EXTERNAL CHIMNEY SEALS. RUBBER PLUGS ARE TO BE INSTALLED IN MANHOLE CASTING LIFT HOLES AND COVERED WITH NON-SHRINK GROUT. A MAXIMUM OF 12" OF ADJUSTMENT RINGS ARE ALLOWED FOR NEW CONSTRUCTION.
34	REFER TO FIG. 6010.401 FOR SW-401 CIRCULAR STORM SEWER MANHOLE CONSTRUCTION DETAILS. INSTALL MANHOLE CONE SECTION AND RING/COVER CASTING SUCH THAT SEPARATION IS MAINTAINED BETWEEN MANHOLE COVERS AND PAVED AREAS (BACK OF CURB, SIDEWALK PAVEMENT, SIDEWALK APPROACHES/RAMPS).
35	REFER TO FIG. 8010.501 – SINGLE GRATE INTAKE FOR CONSTRUCTION DETAILS.
36	REFER TO FIG. 8010.503 – SINGLE GRATE INTAKE WITH MANHOLE FOR CONSTRUCTION DETAILS.
37	REFER TO FIG. 8010.505 – DOUBLE GRATE INTAKE FOR CONSTRUCTION DETAILS.
38	REFER TO FIG. 8010.506 – DOUBLE GRATE INTAKE WITH MANHOLE FOR CONSTRUCTION DETAILS.
39	REFER TO SHEET 3 FOR CONSTRUCTION DETAILS.
40	REFER TO FIG. 7010.101 – FOR JOINT DETAILS. INSTALL ACCESSIBLE CURB RAMPS AT LOCATIONS OF ALL FUTURE SIDEWALKS. REFER TO INTERSECTION SHEETS FOR JOINTING. TYPICAL 'C' AND 'CD' JOINT SPACING IS 15 FEET. SLIP FORM PAVER SHALL BE USED FOR ALL STREET PAVEMENT. ALL JOINTS SHALL BE SEALED. COARSE AGGREGATE FOR P.C.C. PAVEMENT SHALL BE CLASS 3 DURABILITY. PAVEMENT SMOOTHNESS SHALL MEET THE REQUIREMENTS OUTLINED IN SECTION 7010, PART 3.08C1 OF THE SUDAS STANDARD SPECIFICATIONS (7010, 3.08C2 IS ALSO ALLOWED). PAVEMENT THICKNESS SHALL MEET THE REQUIREMENTS OF SECTION 7010, PART 3.08D PAVEMENT THICKNESS OF THE SUDAS STANDARD SPECIFICATIONS. NO ADDITIONAL COMPENSATION FOR PAVEMENT THICKNESS.
41	REFER TO SHEETS 10 AND 27 FOR LOCATION AND CONSTRUCTION DETAILS.
42	ACCESSIBLE CURB RAMPS UP TO AND INCLUDING TURNING SPACE SHALL BE 8-INCHES THICK.
43	REFER TO SHEET 2 FOR DETECTABLE WARNING STRIP DETAIL. DETECTABLE WARNING PANELS ON THE 8" SIDEWALKS ALONG NW REINHART DRIVE ARE TO HAVE CAST IRON DOMES.
44	ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ROAD BARRICADES AT THE END OF EXISTING PAVEMENTS UNTIL THE PROJECT IS ACCEPTED.
45	REFER TO IOWA DOT STANDARD ROAD PLAN SI-182 FOR CONSTRUCTION DETAILS. ITEM INCLUDES THE INSTALLATION OF 5 NEW DELINEATOR POSTS WITH SIGN PANELS AT EACH DEAD END STREET.
46	SEED, FERTILIZE AND MULCH ALL DISTURBED AREAS ONCE THEY ARE AT FINAL GRADE WITH TYPE 4 – URBAN TEMPORARY EROSION CONTROL MIXTURE.
47	REFER TO SHEETS 11–14 FOR SEPARATE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR DETAILS.
48	INSTALL ENGINEERING FABRIC UNDER ALL RIP RAP. ENGINEERING FABRIC SHALL BE CONSIDERED INCIDENTAL. REFER TO SHEET 2 FOR DETAILS.
49	8-INCH TURNAROUND SHALL BE 4-INCHES OF 3-INCH ROCK AND 4-INCHES OF GRANULAR SURFACING. REFER TO SHEET 5 FOR LOCATION OF TEMPORARY TURNAROUND.
50	REFER TO DETAIL ON SHEETS 3 AND 7 FOR LOCATION AND CONSTRUCTION DETAILS.

GENERAL NOTES

1. 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.

   UTILITY CONTACTS:

   CABLE/PHONE/INTERNET
   HUXLEY COMMUNICATIONS
   BRANT STUMPFER
   102 N MAIN AVE PO BOX 38
   HUXLEY, IA 50124
   (515) 597-2899

   GAS/ELECTRIC
   ALLIANT ENERGY
   JOE LOONAIR JR
   1284 SE PLACE
   AMES, IA 50014
   (515) 268-3435

   WATER/SEWER/STORM
   CITY OF HUXLEY
   KEITH VITZTHUM
   515 N MAIN AVENUE
   HUXLEY, IA 50124
   (515) 597-2256

   CABLE/INTERNET
   MEDIACOM OF AMES
   TIM ADREON
   225 S. DAYTON AVENUE
   AMES, IA 50010
   (515) 233-2318

   ELECTRIC
   ITC
   1400 IA-13
   CEDAR RAPIDS, IA 52403
   (319) 366-8011

2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL NOTIFY (48 HRS NOTICE) THE FOLLOWING:
   A. CITY OF HUXLEY
   B. APPROPRIATE UTILITY COMPANIES
   C. OWNER
   D. CIVIL DESIGN ADVANTAGE
3. THE CONTRACTOR SHALL NOTIFY THE CITY OF HUXLEY AT LEAST ONE WEEK PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY AREAS OF PAVEMENT OR SIDEWALK NOT TO BE REMOVED THAT IS DAMAGED DUE TO OPERATING HIS EQUIPMENT ON THE PAVEMENT OR SIDEWALK.
5. 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.
6. THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.
6. 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. THIS WILL BE INCIDENTAL TO THE BID ITEM TRAFFIC CONTROL.
7. 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.
8. 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.
9. THE CONTRACTOR SHALL CONFINE HIS GRADING OPERATIONS TO WITHIN THE PROPOSED AND EXISTING RIGHT OF WAY, CONSTRUCTION LIMITS AND EASEMENTS SHOWN ON THE PLANS.
10. 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.
11. THE CONTRACTOR IS REQUIRED TO BE FAMILIAR WITH AND COMPLY WITH OSHA STANDARDS. NOTHING WITHIN THESE PLANS SHALL RELIEVE THE CONTRACTOR OF THIS REQUIREMENT.
12. CIVIL DESIGN ADVANTAGE WILL PROVIDE ALL CONSTRUCTION STAKING ON THIS PROJECT. NOTIFY CHARLIE MCCLOTHLEN (515-369-4433) A MINIMUM OF 48 HOURS BEFORE CONSTRUCTION STAKES ARE REQUIRED.
13. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES REQUIRED ON THE STORM WATER POLLUTION PREVENTION PLAN.
14. ALL DISTURBED WETLANDS SHOWN ON THE PLANS HAVE BEEN PERMITTED AND MITIGATED OFF SITE. THE CONTRACTOR SHALL NOT DISTURB ANY WETLANDS OUTSIDE OF THE IMPACTED WETLANDS SHOWN ON THE PLANS. PROTECT UNDISTURBED WETLANDS WITH ORANGE PLASTIC SAFETY FENCE.
15. IN THE EVENT OF A DISCREPANCY BETWEEN DETAILED PLANS AND QUANTITIES, THE DETAILED PLANS SHALL GOVERN.
16. THE CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL. ALL TRAFFIC CONTROL SHALL COMPLY WITH MUTCD AND SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
17. ALL SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING.
18. DO NOT STORE CONSTRUCTION MATERIALS AND EQUIPMENT IN THE RIGHT OF WAY.
19. ALL PROPERTY PINS SHALL BE PROTECTED FROM GRADING OR OTHER OPERATIONS. ANY PINS DISTURBED SHALL BE RESET AT THE CONTRACTOR'S EXPENSE.
20. 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 INCLUDING LOCATION, TYPE OF TILE, & TILE ELEVATION.
21. PRIOR TO ANY WORK AT THIS SITE, CONTRACTOR SHALL EXAMINE ANY APPLICABLE DRAWINGS AVAILABLE FROM THE OWNER OR ENGINEER, AND CONSULT WITH OWNER'S PERSONNEL AND UTILITY COMPANY REPRESENTATIVES. NO COMPENSATION WILL BE ALLOWED FOR DAMAGE FROM FAILURE TO COMPLY WITH THIS REQUIREMENT.
22. CONTRACTOR SHALL COMPLY WITH ALL PROWAG A.D.A. REQUIREMENTS FOR ACCESSIBLE SIDEWALK RAMPS INCLUDING RAISED TRUNCATED DOME DETECTABLE WARNINGS.
23. CONTRACTOR SHALL NOT DISTURB DESIRABLE GRASS AREAS AND 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. PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE OWNER.
24. ALL MATERIAL TESTING SHALL BE CONSIDERED INCIDENTAL TO OTHER CONSTRUCTION.
25. ALL MANHOLE THREE PIECE CASTINGS ARE NOT TO BE BOXED OUT IN THE PAVEMENT.
26. THE GRADING OF THE DETENTION FACILITY AND INSTALLATION OF THE STORM SEWER SYSTEM SHALL BE COMPLETED AND FUNCTIONAL PRIOR TO ANY INCREASE IN THE SIZE OF IMPERVIOUS SURFACES WITHIN THE SITE OR THE PREVIOUSLY MENTIONED ITEMS SHALL BE GRADED/INSTALLED AS SOON AS PRACTICAL.

3405 S.E. CROSSROADS DRIVE, SUITE G
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PHONE: (515) 369-4400 FAX: (515) 369-4410
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EI: GHJ/WM
CIVIL DESIGN ADVANTAGE

REVISIONS	DATE
SECOND SUBMITTAL	07/11/19
FIRST SUBMITTAL	06/04/19

WESTVIEW HEIGHTS PLAT 2

QUANTITIES, REFERENCE NOTES AND GENERAL NOTES

HUXLEY, IOWA

1812.089

WESTVIEW HEIGHTS PLAT 2

HYDRANT COVERAGE PLAN

MUSCLEY, IOWA

5/27

1812.653

CIVIL DESIGN ADVANTAGE

3405 S.E. CROSSROADS DRIVE, SUITE G
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ENGINEER: BKO | E: GH/JMM

REVISIONS	DATE
SECOND SUBMITTAL	07/18/19
FIRST SUBMITTAL	06/26/19

WESTVIEW HEIGHTS PLAT 2

GRADING PLAN

HUXLEY, IOWA

6/27

181T.E53

CIVIL DESIGN ADVANTAGE

3405 S.E. CROSSROADS DRIVE, SUITE G
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PHONE: (515) 369-4400 FAX: (515) 369-4410

ENGINEER: EKO

BY: GH/JWM

REVISIONS	DATE

SECOND SUBMITTAL	
FIRST SUBMITTAL	

WESTVIEW HEIGHTS PLAT 2

GRADING PLAN

HUXLEY, IOWA

7/27

18127.053

CIVIL DESIGN ADVANTAGE

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

ENGINEER: EKO

EI: GHJ/WM

REVISIONS	DATE
SECOND SUBMITTAL	07/15/19
FIRST SUBMITTAL	06/25/19

WESTVIEW HEIGHTS PLAT 2

GRADING PLAN

8/27

1812.653

HUXLEY, IOWA

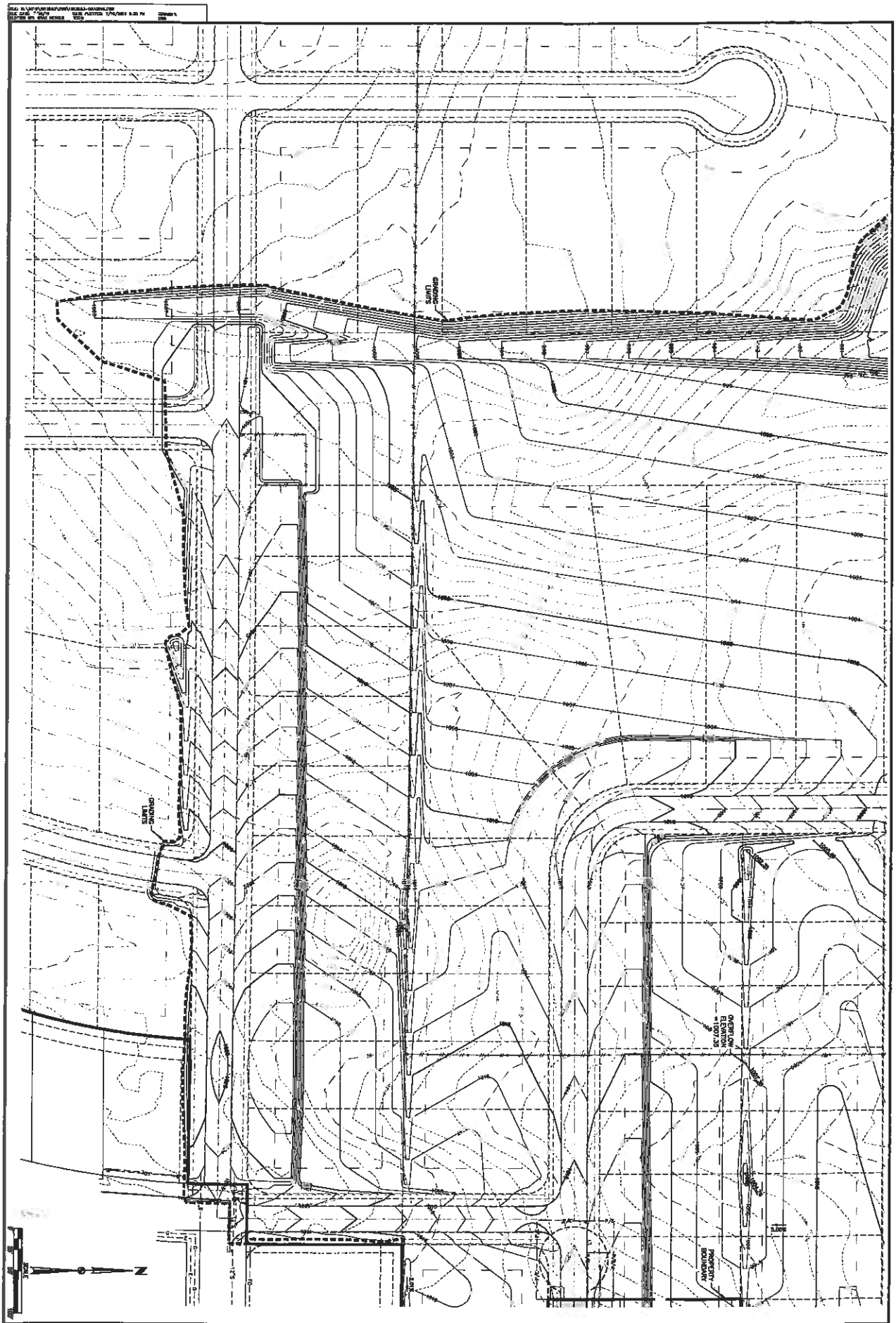
CIVIL DESIGN ADVANTAGE

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

ENGINEER: EKO

EI: GH/JMM

REVISIONS	DATE
SECOND SUBMITTAL	07/16/19
FIRST SUBMITTAL	06/28/19



9/27

18112.053

WESTVIEW HEIGHTS PLAT 2

GRADING PLAN

HUXLEY, IOWA

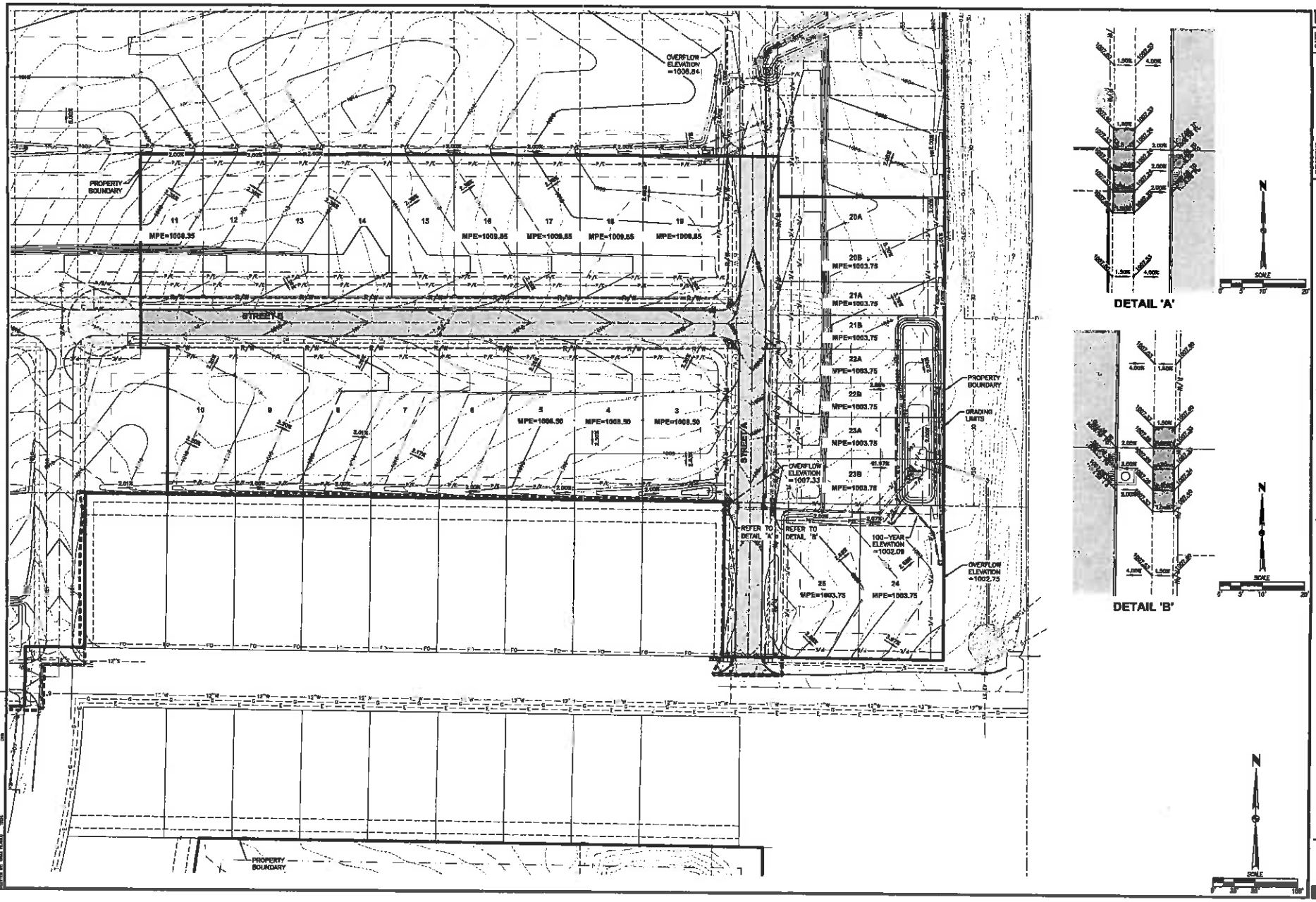
CIVIL DESIGN ADVANTAGE

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

ENGINEER: EKO

EI: GH/JWM

REVISIONS	DATE
SECOND SUBMITTAL	07/16/19
FIRST SUBMITTAL	06/26/19



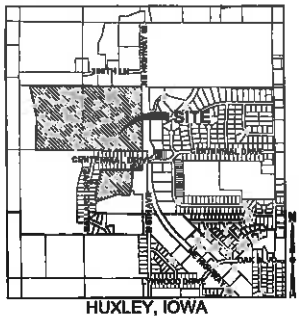
REVISIONS

DATE	

WESTVIEW HEIGHTS PLAT 2

EROSION AND SEDIMENT CONTROL PLAN

VICINITY MAP
NOT TO SCALE



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.

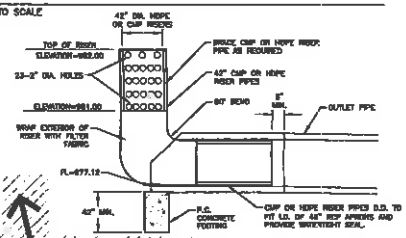
SWPPP LEGEND

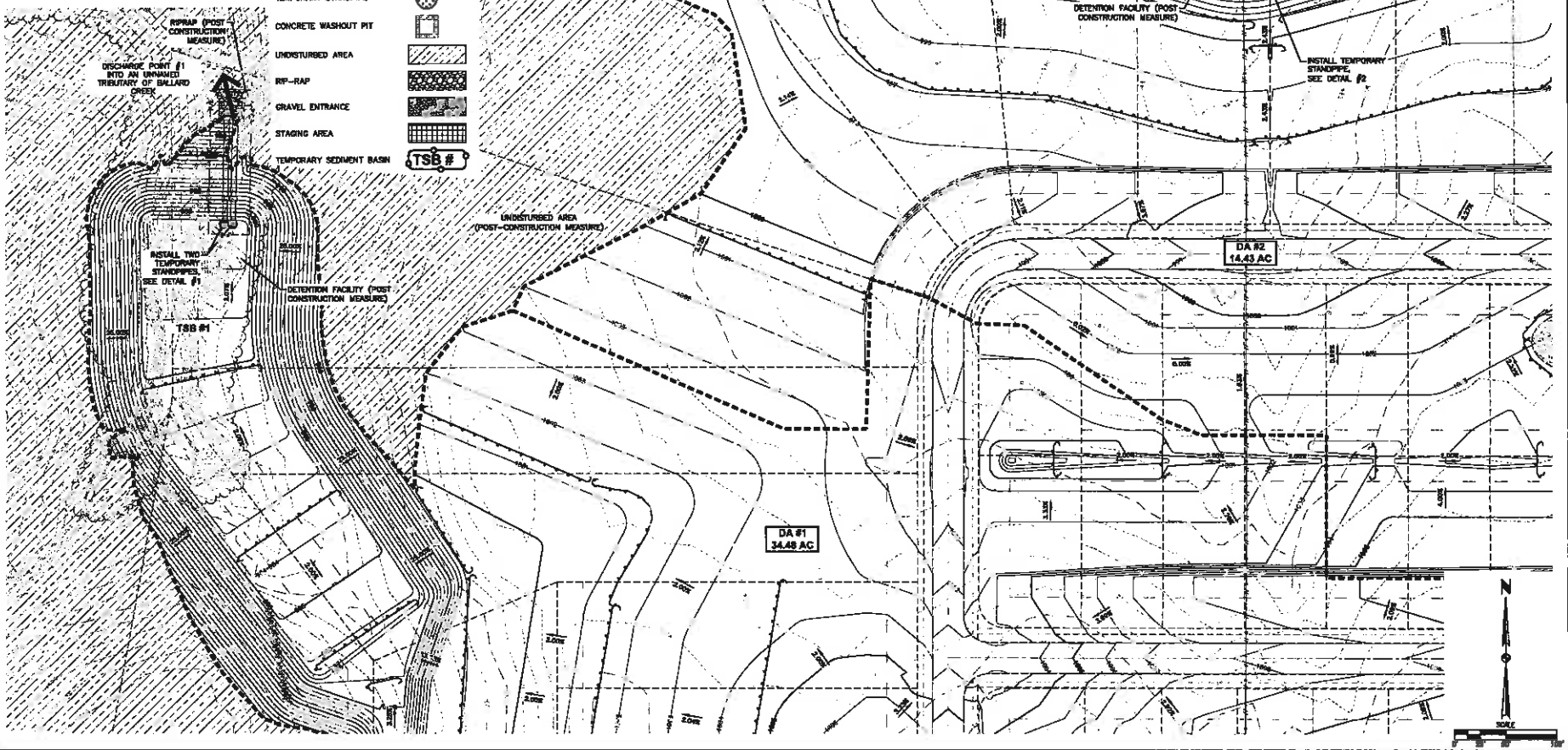
- DRAINAGE ARROW — X.XX %
- GRADING LIMITS
- FILTER SOCK
- SILT FENCE
- INLET PROTECTION
- PORTABLE RESTROOM — R
- TEMPORARY STANDPIPE
- CONCRETE WASHOUT PIT
- UNDISTURBED AREA
- RIP-RAP
- GRAVEL ENTRANCE
- STAGING AREA
- TEMPORARY SEDIMENT BASIN — TSB #

STABILIZATION QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
1	SILT FENCE	LF	18,472
2	DITCH CHECKS	LF	3,977
3	FILTER SOCKS	LF	200
4	SEEDING, FERTILIZING, AND MULCHING	AC	68.35
5	INLET PROTECTION DEVICES	EA	6
6	CONCRETE WASHOUT PIT	EA	1
7	10" CMP OR HDPE TEMPORARY STANDPIPE	EA	1
8	18" CMP OR HDPE TEMPORARY STANDPIPE	EA	1
9	42" CMP OR HDPE TEMPORARY STANDPIPE	EA	2

TEMPORARY STAND PIPE DETAIL #1
NOT TO SCALE



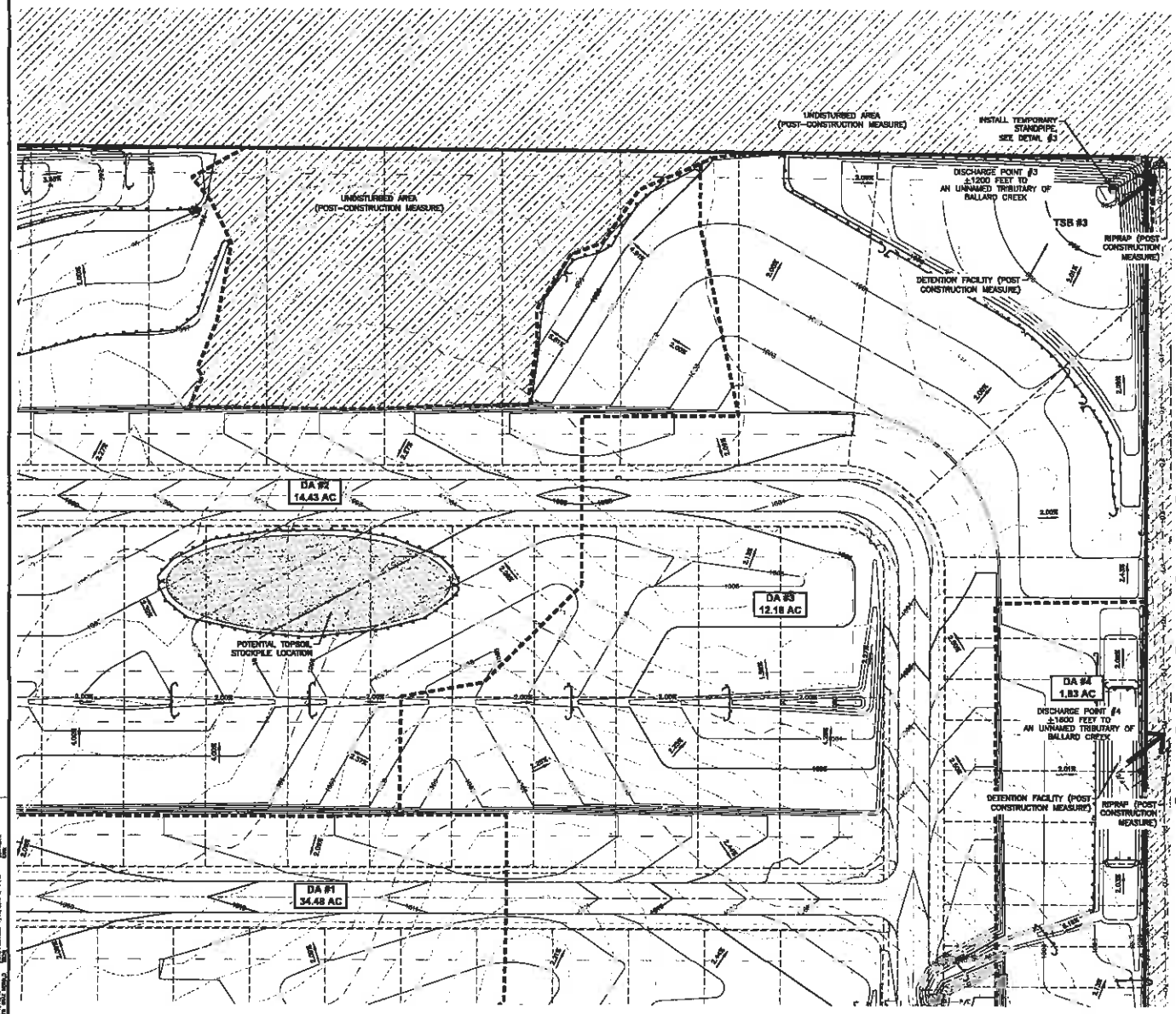


REVISIONS	DATE
SECOND SUBMITTAL	02/16/18
FIRST SUBMITTAL	10/20/17

3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
CIVIL DESIGN ADVANTAGE
ENGINEER: EKO
EI: GHJ/WM

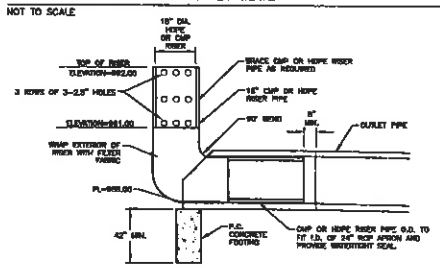
WESTVIEW HEIGHTS PLAT 2
EROSION AND SEDIMENT CONTROL PLAN
HUXLEY, IOWA

11/27
1812.653



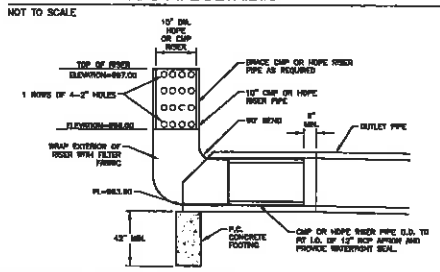
TEMPORARY STAND PIPE DETAIL #2

NOT TO SCALE



TEMPORARY STAND PIPE DETAIL #3

NOT TO SCALE



DISCHARGE POINT SUMMARY

DISCHARGE POINT #1 TO AN UNNAMED TRIBUTARY OF BALLARD CREEK	
TOTAL AREA DISTURBED TO DISCHARGE POINT	34.48 ACRES
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	124,128 CU FT
VOLUME PROVIDED IN FILTER SOCK (120 LF @ 2.0 CU FT/LF OF SOCK)	240 CU FT
VOLUME PROVIDED IN SILT FENCE (4,144 LF @ 10.0 CU FT/LF OF FENCE)	46,440 CU FT
VOLUME PROVIDED IN DITCH CHECK (1,536 LF @ 15.0 CU FT/LF)	23,040 CU FT
VOLUME PROVIDED IN TSB #1	72,330 CU FT
TOTAL VOLUME PROVIDED	137,250 CU FT
DISCHARGE POINT #2 TO AN UNNAMED TRIBUTARY OF BALLARD CREEK ±400 FT	
TOTAL AREA DISTURBED TO DISCHARGE POINT	14.43 ACRES
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	51,948 CU FT
VOLUME PROVIDED IN SILT FENCE (3,371 LF @ 10.0 CU FT/LF OF FENCE)	33,710 CU FT
VOLUME PROVIDED IN DITCH CHECK (518 LF @ 15.0 CU FT/LF)	7,770 CU FT
VOLUME PROVIDED IN TSB #2	31,146 CU FT
TOTAL VOLUME PROVIDED	72,626 CU FT
DISCHARGE POINT #3 TO AN UNNAMED TRIBUTARY OF BALLARD CREEK ±1,200 FT	
TOTAL AREA DISTURBED TO DISCHARGE POINT	12.18 ACRES
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	43,848 CU FT
VOLUME PROVIDED IN SILT FENCE (1,586 LF @ 10.0 CU FT/LF OF FENCE)	15,860 CU FT
VOLUME PROVIDED IN DITCH CHECK (330 LF @ 15.0 CU FT/LF)	4,950 CU FT
VOLUME PROVIDED IN TSB #3	30,622 CU FT
TOTAL VOLUME PROVIDED	52,432 CU FT
DISCHARGE POINT #4 TO AN UNNAMED TRIBUTARY OF BALLARD CREEK ±1,600 FT	
TOTAL AREA DISTURBED TO DISCHARGE POINT	1.83 ACRES
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	6,588 CU FT
VOLUME PROVIDED IN SILT FENCE (839 LF @ 10.0 CU FT/LF OF FENCE)	8,390 CU FT
VOLUME PROVIDED IN DITCH CHECK (239 LF @ 15.0 CU FT/LF)	3,585 CU FT
TOTAL VOLUME PROVIDED	11,975 CU FT
DISCHARGE POINT #5 TO AN UNNAMED TRIBUTARY OF BALLARD CREEK ±4,500 FT	
TOTAL AREA DISTURBED TO DISCHARGE POINT	7.39 ACRES
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	26,604 CU FT
VOLUME PROVIDED IN FILTER SOCK (60 LF @ 2.0 CU FT/LF OF SOCK)	180 CU FT
VOLUME PROVIDED IN SILT FENCE (832 LF @ 10.0 CU FT/LF OF FENCE)	8,320 CU FT
VOLUME PROVIDED IN DITCH CHECK (1,354 LF @ 15.0 CU FT/LF)	20,310 CU FT
TOTAL VOLUME PROVIDED	28,790 CU FT

SCALE 0' 25' 50' 100'

REVISIONS	DATE
SECOND SUBMITTAL	07/11/13
FIRST SUBMITTAL	05/22/13

3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
ENGINEER: EKO
EI: GHJ/WM
CIVIL DESIGN ADVANTAGE

WESTVIEW HEIGHTS PLAT 2

EROSION AND SEDIMENT CONTROL PLAN

HUXLEY, IOWA

12/27

1812.653

WESTVIEW HEIGHTS PLAT 2

EROSION AND SEDIMENT CONTROL PLAN

HULSEY, IOWA

13/27

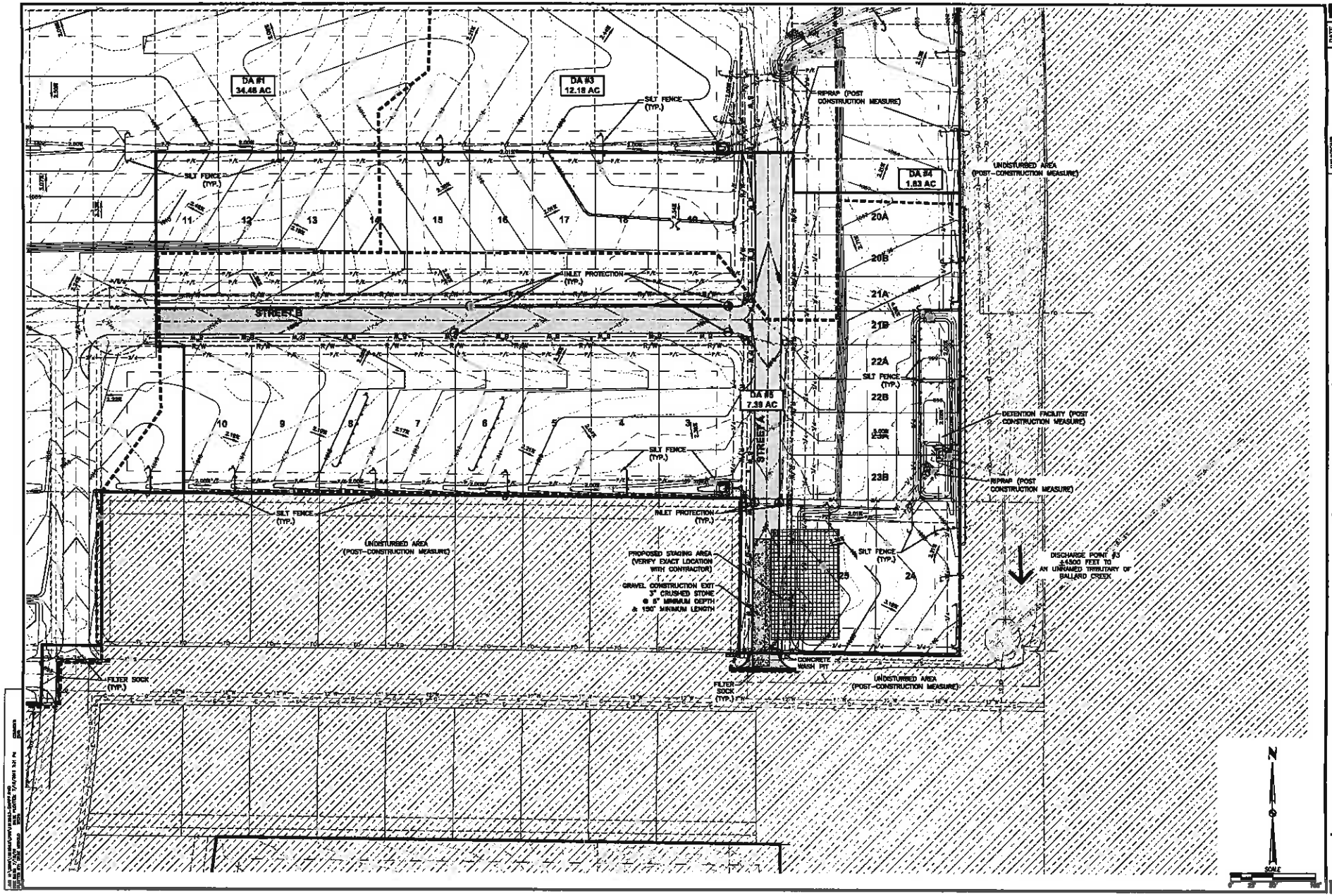
1812.053

CIVIL DESIGN ADVANTAGE

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

ENGINEER: BKO | EI: GH/JMM

REVISIONS	DATE



REVISIONS	DATE
SECOND SUBMITTAL	07/01/13
FIRST SUBMITTAL	02/22/13

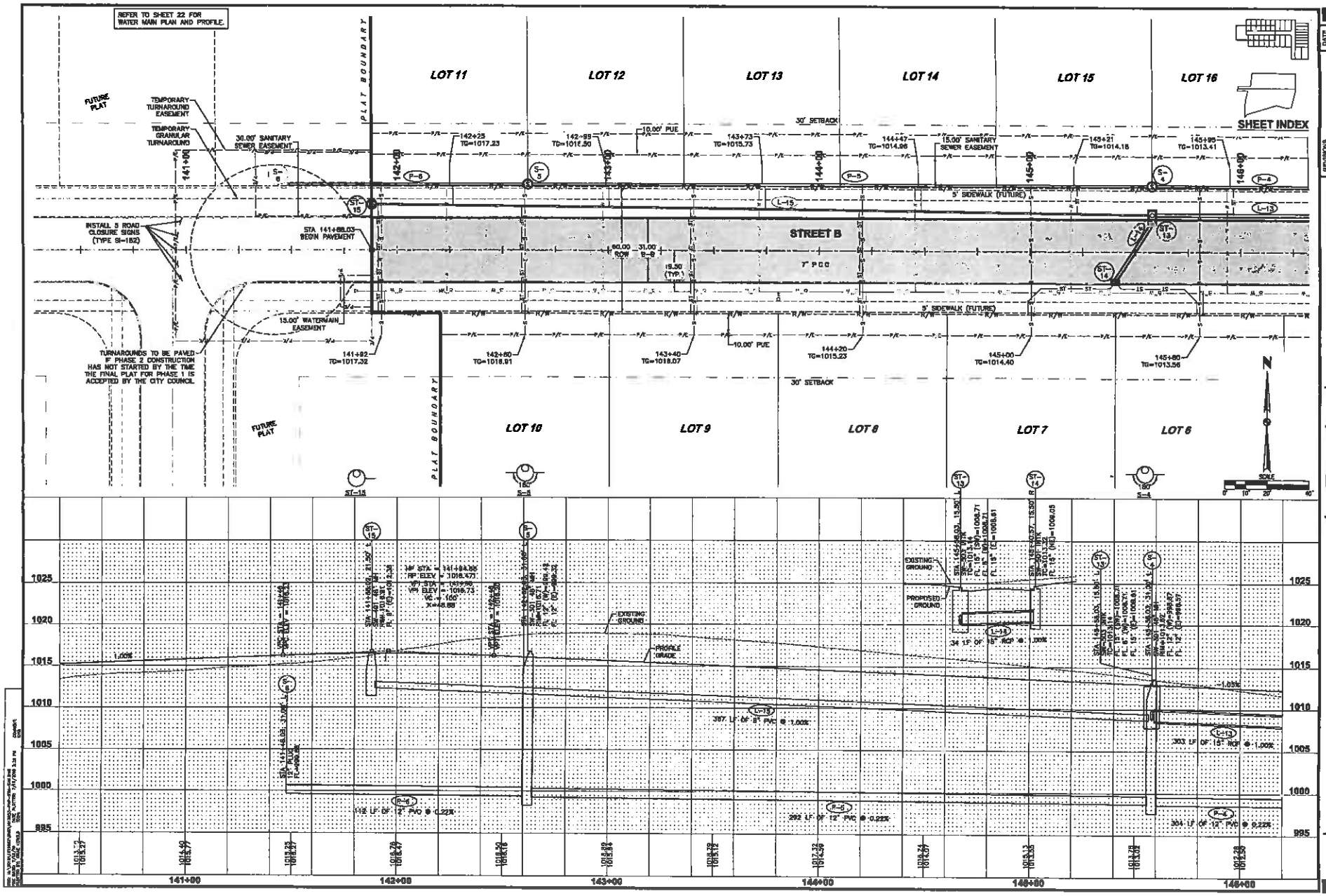
3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
CIVIL DESIGN ADVANTAGE
ENGINEER: EKO
EI: GHJ/WM

WESTVIEW HEIGHTS PLAT 2

EROSION AND SEDIMENT CONTROL PLAN

HURLEY, IOWA

1812.653



REVISIONS | DATE
SECOND SUBMITTAL | 07/13/18
FIRST SUBMITTAL | 06/22/18

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

ENGINEER: EKO | EIT: GHUMVM

CIVIL DESIGN ADVANTAGE

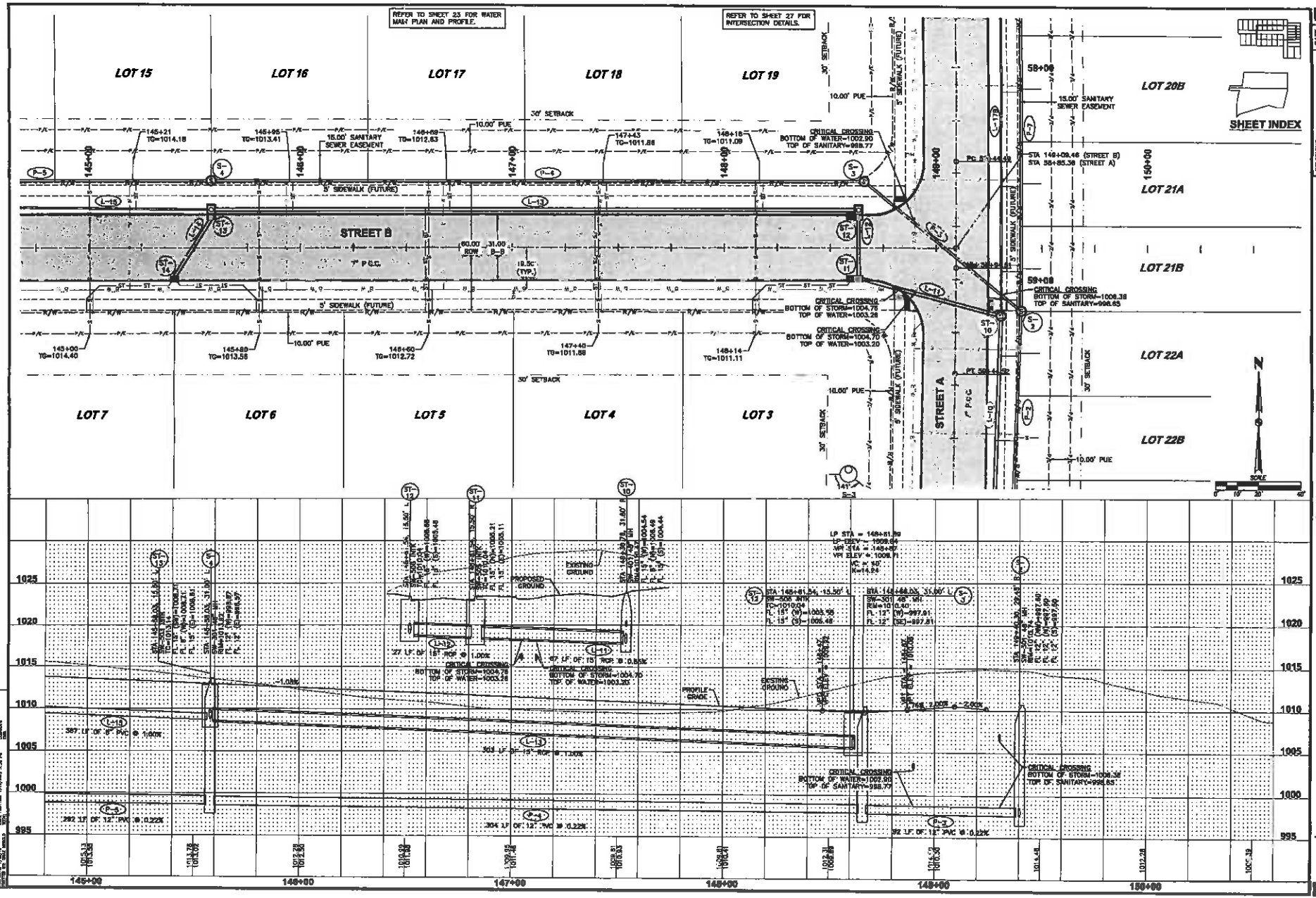
WESTVIEW HEIGHTS PLAT 2

STORM & SANITARY SEWER PLAN AND PROFILE

HUXLEY, IOWA

15/27

1812.653



REVISIONS | DATE | BY

FIRST SUBMITTAL 06/29/15

SECOND SUBMITTAL

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

ENGINEER: EKO | El: GHJ/WM

CIVIL DESIGN ADVANTAGE

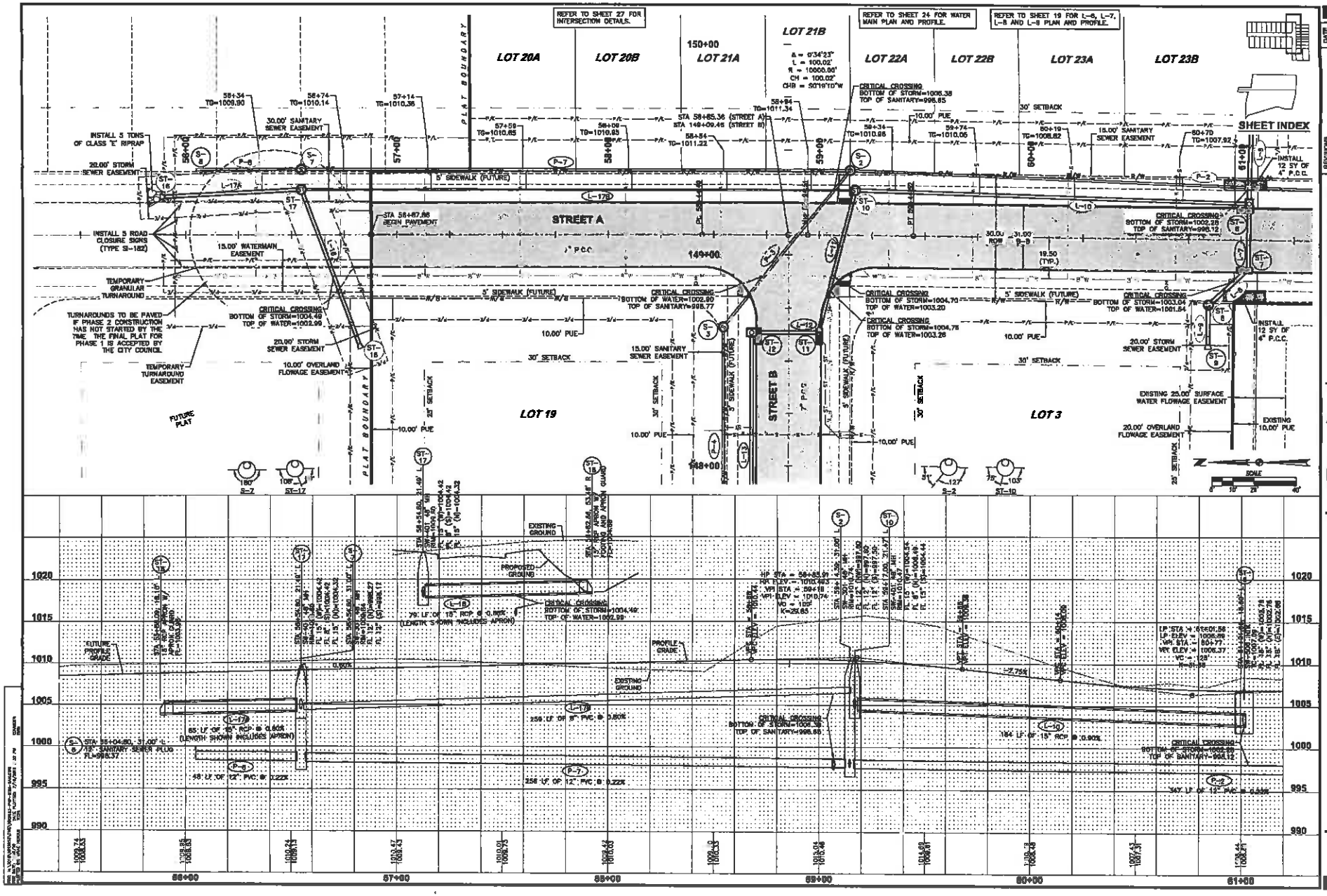
WESTVIEW HEIGHTS PLAT 2

STORM & SANITARY SEWER PLAN AND PROFILE

HUXLEY, IOWA

16/27

1812.053



DATE	REVISIONS
	SECOND SUBMITTAL
	FIRST SUBMITTAL

3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
ENGINEER: EKO
EI: GHUWM
CIVIL DESIGN ADVANTAGE

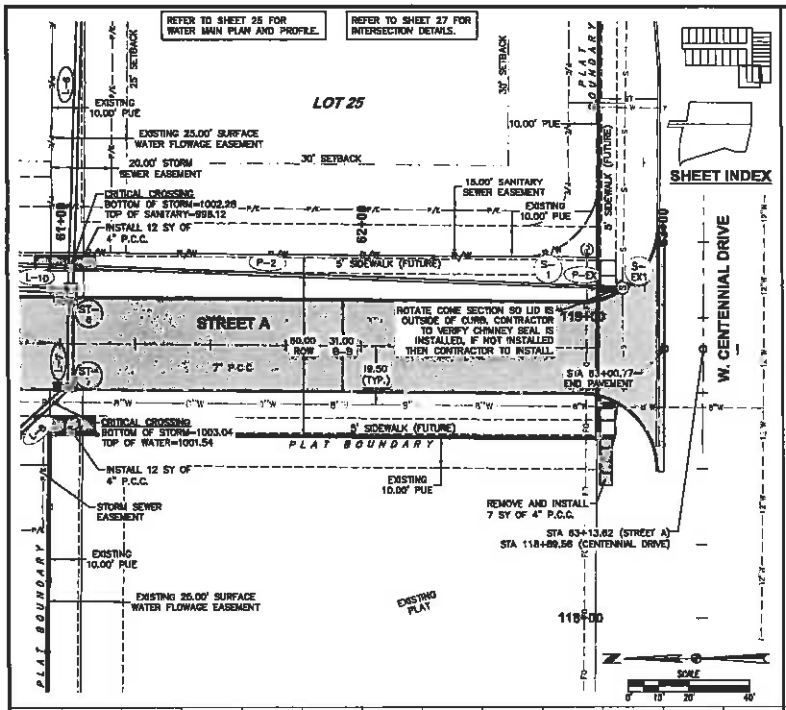
WESTVIEW HEIGHTS PLAT 2

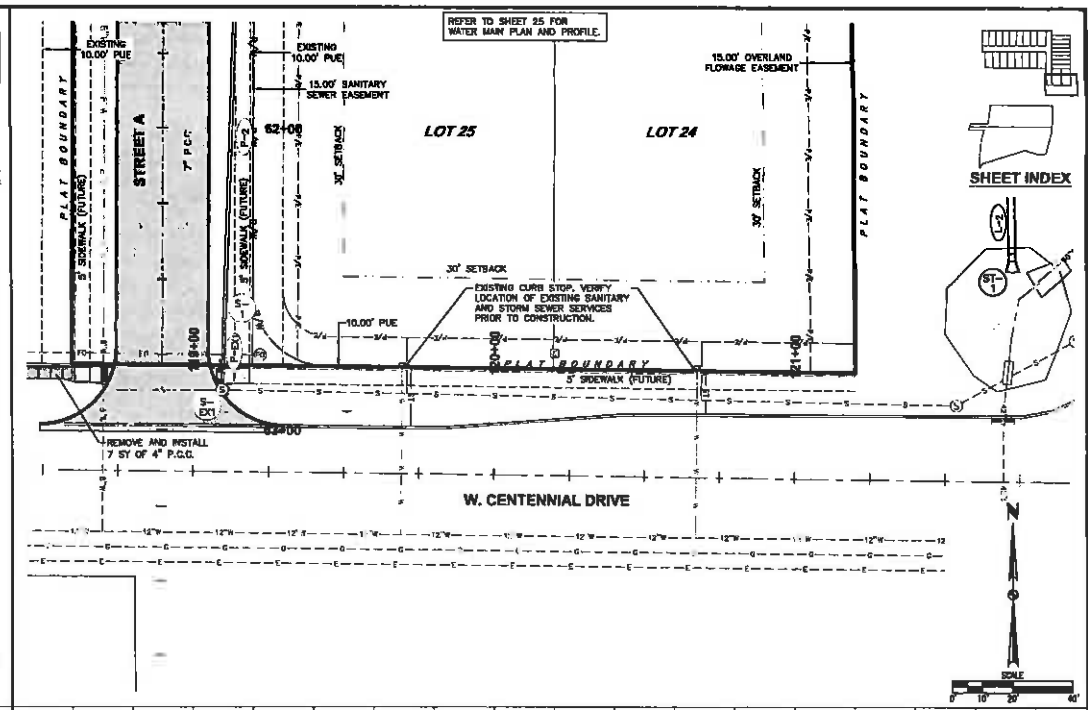
STORM & SANITARY SEWER PLAN AND PROFILE

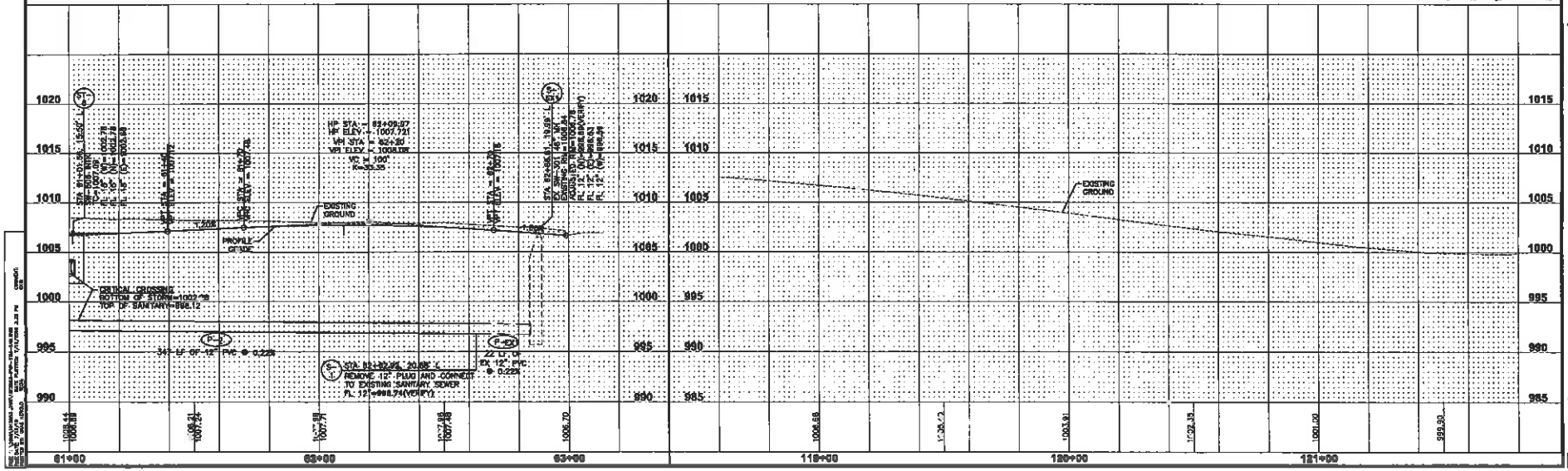
HUXLEY, IOWA

17/27

1812.653







REVISIONS	DATE

SECOND SUBMITTAL
FIRST SUBMITTAL

3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
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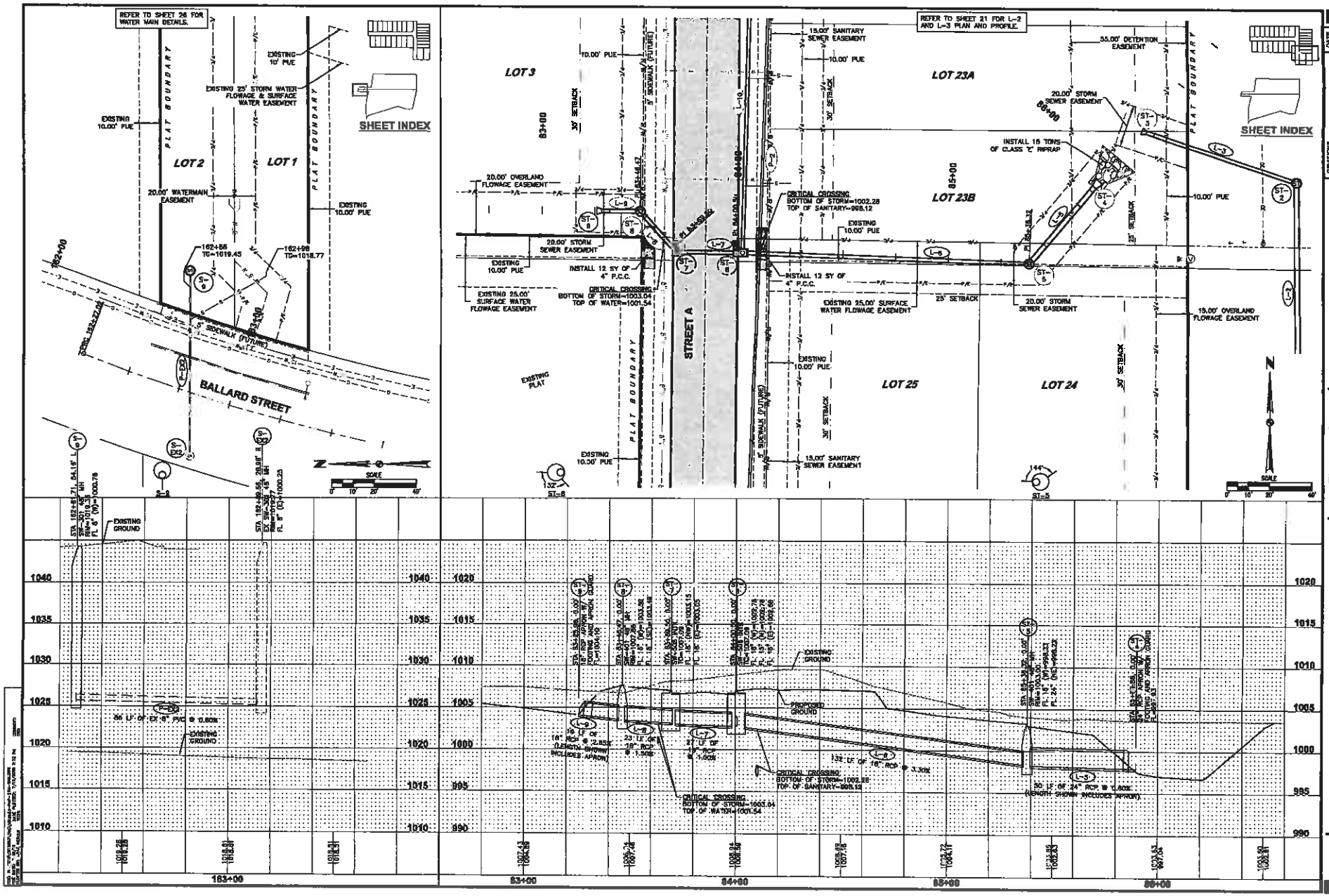
WESTVIEW HEIGHTS PLAT 2

STORM & SANITARY SEWER PLAN AND PROFILE

HUDLEY, IOWA

18/27

1812.653



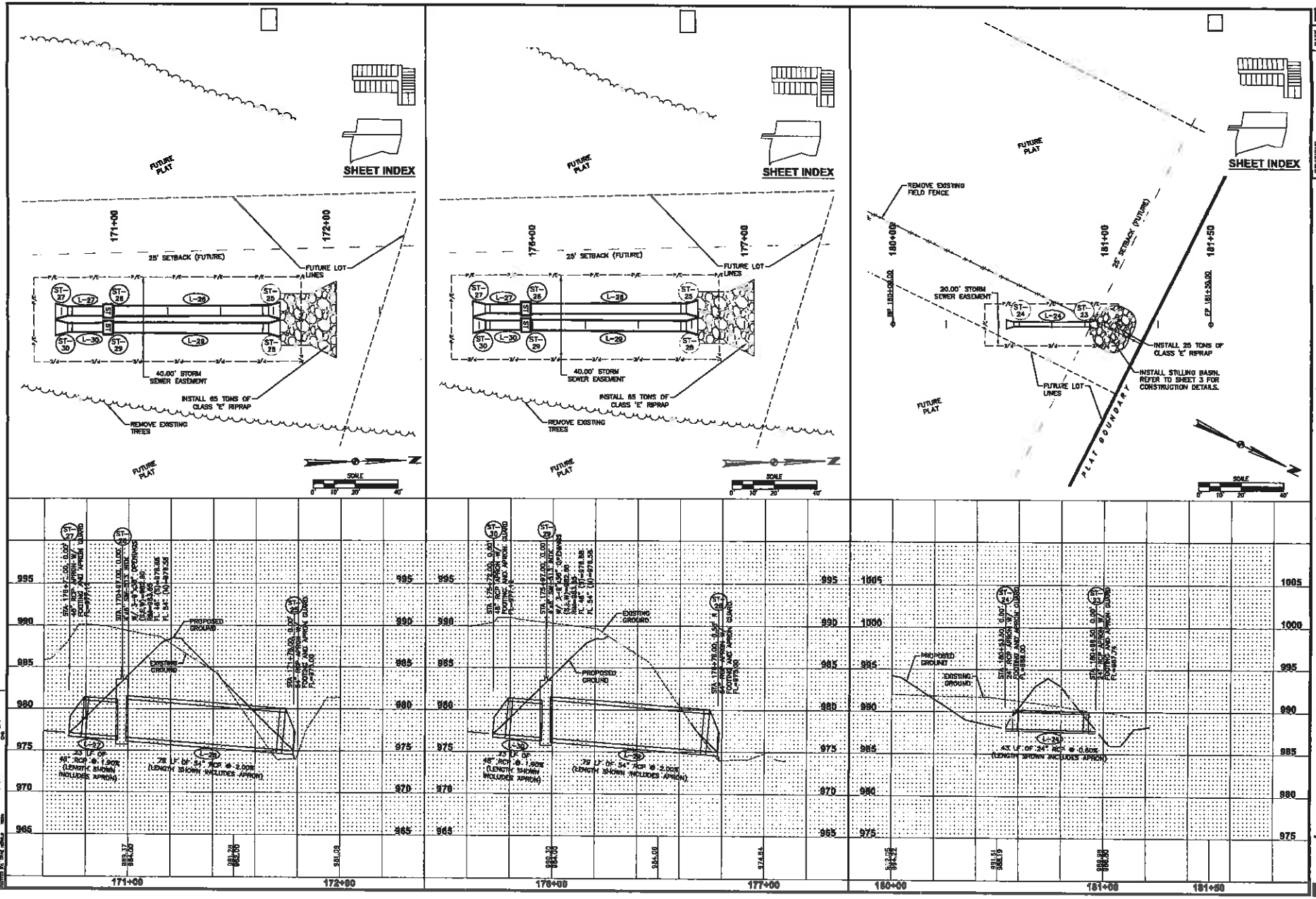
DATE	REVISIONS
07/19/19	SECOND SUBMITTAL
06/28/19	FIRST SUBMITTAL

3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
ENGINEER: EKO | Dr: GHJ/WM
CIVIL DESIGN ADVANTAGE

WESTVIEW HEIGHTS PLAT 2

STORM & SANITARY SEWER PLAN AND PROFILE

HUXLEY, IOWA



3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
ENGINEER: EKO
EI: GHJ/JWM
CIVIL DESIGN ADVANTAGE

REVISIONS	DATE
SECOND SUBMITTAL	07/11/18
FIRST SUBMITTAL	06/05/18

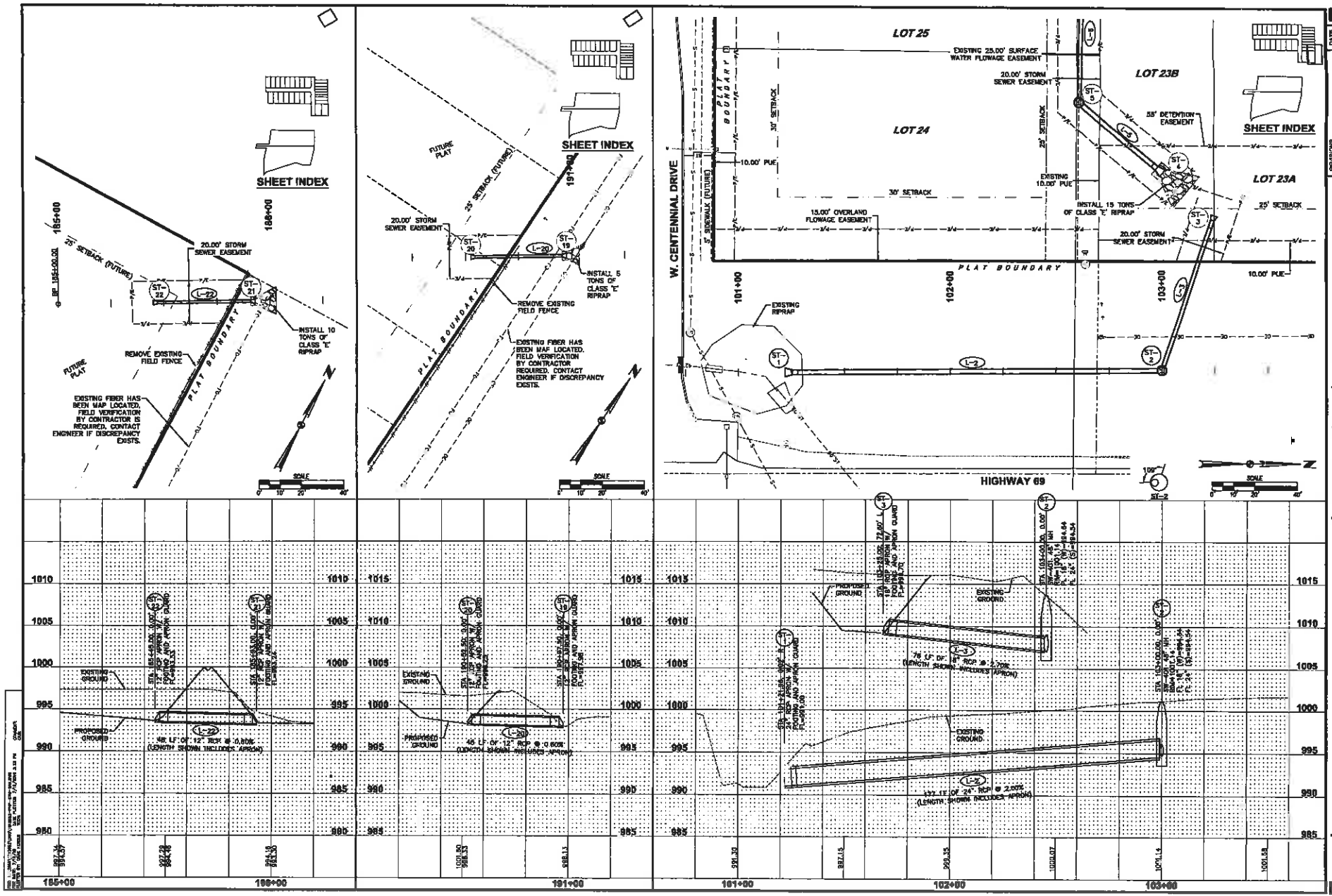
WESTVIEW HEIGHTS PLAT 2

STORM & SANITARY SEWER PLAN AND PROFILE

HUXLEY, IOWA

20/27

1812.853



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

CIVIL DESIGN ADVANTAGE

ENGINEER: EKO | Ei: GHJKWM

DATE	
08/18/2023	SECOND SUBMITTAL
	FIRST SUBMITTAL 06/22/23

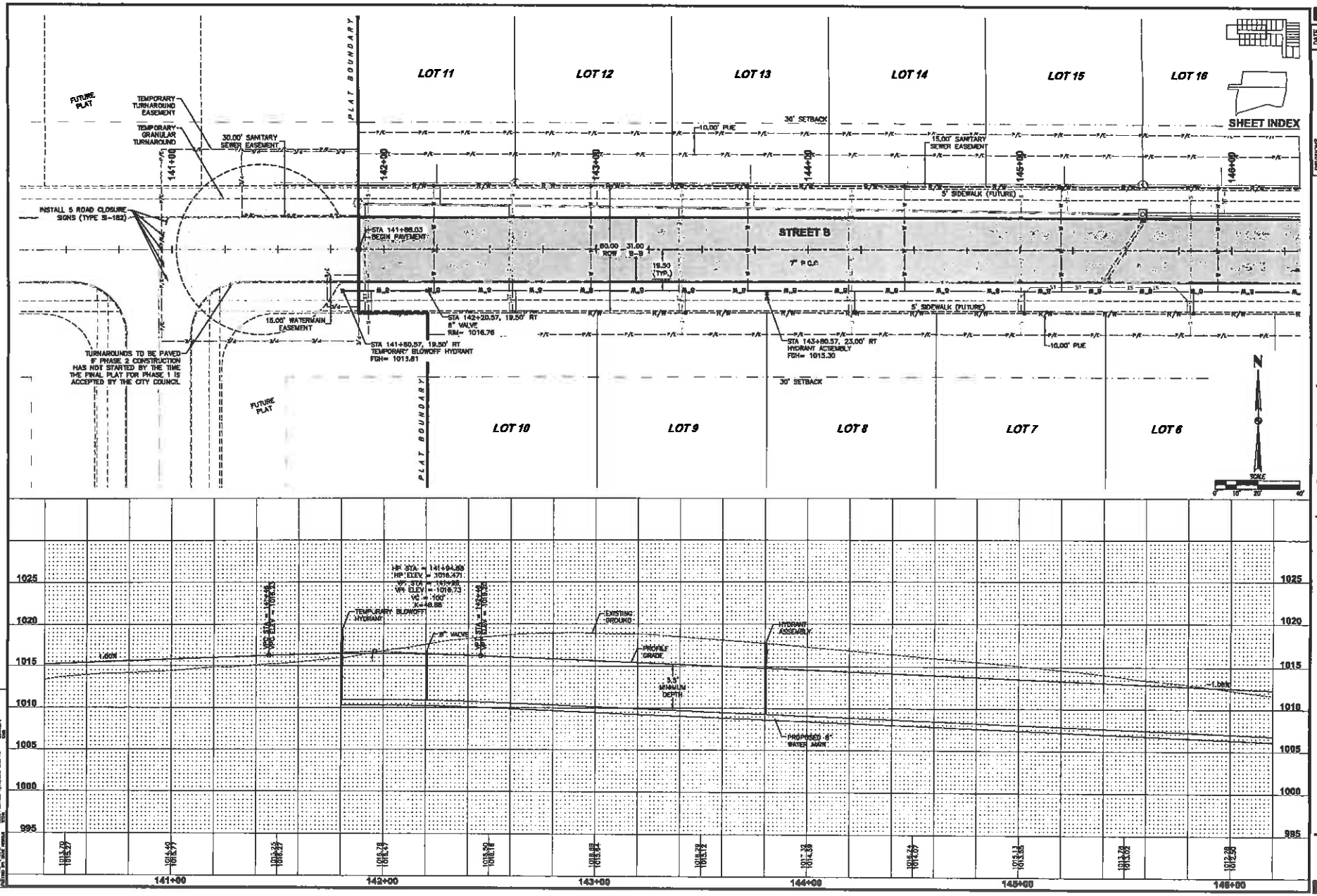
WESTVIEW HEIGHTS PLAT 2

STORM & SANITARY SEWER PLAN AND PROFILE

HUXLEY, IOWA

21/27

1812.653



DATE	REVISIONS
	SECOND SUBMITTAL
	FIRST SUBMITTAL

3408 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
ENGINEER: EKO
EI: GHJ/KVM
CIVIL DESIGN ADVANTAGE

WESTVIEW HEIGHTS PLAT 2

WATER MAIN PLAN AND PROFILE

HUXLEY, IOWA

1812.653

REFER TO SHEET 27 FOR INTERSECTION DETAILS.

LOT 15 | LOT 16 | LOT 17 | LOT 18 | LOT 19 | LOT 20B | LOT 21A | LOT 21B | LOT 22A | LOT 22B

LOT 7 | LOT 6 | LOT 5 | LOT 4 | LOT 3

STREET B | STREET A

30' SETBACK

10.00' PUE

15.00' SANITARY SEWER EASEMENT

5' SIDEWALK (FUTURE)

CRITICAL CROSSING
BOTTOM OF WATER=1002.90
TOP OF SANITARY=998.77

STA 148+09.48 (STREET B)
STA 58+85.35 (STREET A)

CRITICAL CROSSING
BOTTOM OF STORM=1006.36
TOP OF SANITARY=998.85

STA 148+74.45, 19.50' RT
8" VALVE
RIM= 1010.03

CRITICAL CROSSING
BOTTOM OF STORM=1004.76
TOP OF WATER=1003.26

STA 148+89.86, 19.50' RT
8" TEE

CRITICAL CROSSING
BOTTOM OF STORM=1004.70
TOP OF WATER=1003.20

STA 147+00.57, 23.00' RT
HYDRANT ASSEMBLY
FGH= 1011.95

60.00' ROW
31.00' B-B
19.50' (TYP.)

7" P.C.C.

PC 5+44.49
PT 5+44.49

145+00 | 146+00 | 147+00 | 148+00 | 149+00 | 150+00

58+00 | 59+00

SHEET INDEX

SCALE 0' 10' 20' 40'

N

HYDRANT ASSEMBLY

PROFILE GRADE

EXISTING GROUND

1.00%

5.0' MINIMUM DEPTH

8" VALVE

VP STA = 148+91.67
VP ELEV = 1010.00
K=14.24

G=-2.00%

CRITICAL CROSSING
BOTTOM OF STORM=1004.76
TOP OF WATER=1003.26

8" TEE

PROPOSED 8" WATER MAIN

1025 | 1020 | 1015 | 1010 | 1005 | 1000 | 995

1013.13 1011.95 | 1013.79 1011.02 | 1013.28 1010.98 | 1010.99 1011.98 | 1009.81 1010.93 | 1009.81 1010.41 | 1012.31 1008.89 | 1014.30 1010.30 | 1013.45 | 1012.39 | 1012.39

145+00 | 146+00 | 147+00 | 148+00 | 149+00 | 150+00

REVISIONS

	DATE
SECOND SUBMITTAL	07/18/18
FIRST SUBMITTAL	06/29/18

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WATER MAIN PLAN AND PROFILE

HUXLEY, IOWA

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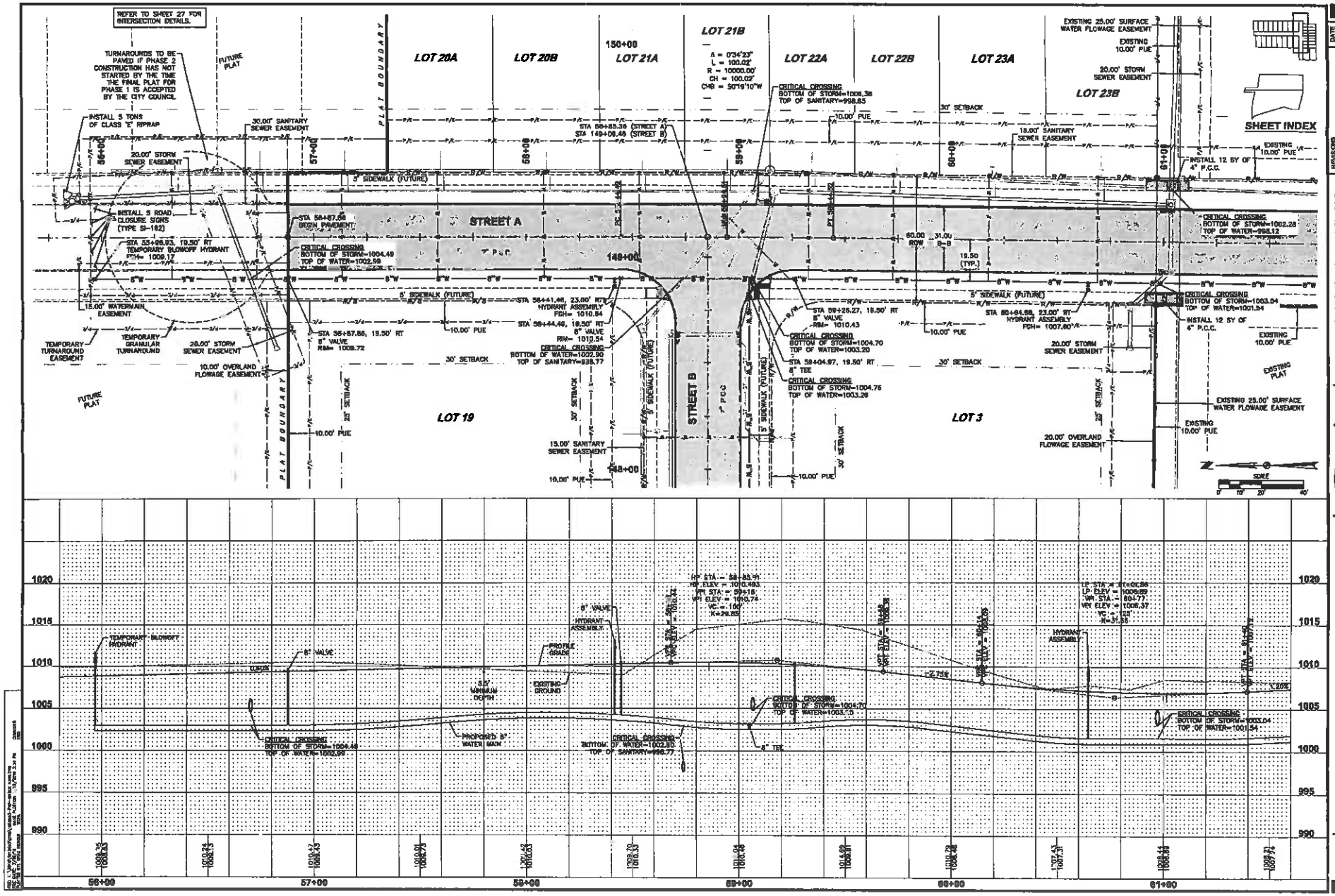

REVISIONS	DATE
SECOND SUBMITTAL	07/18/13
FIRST SUBMITTAL	02/20/13

3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
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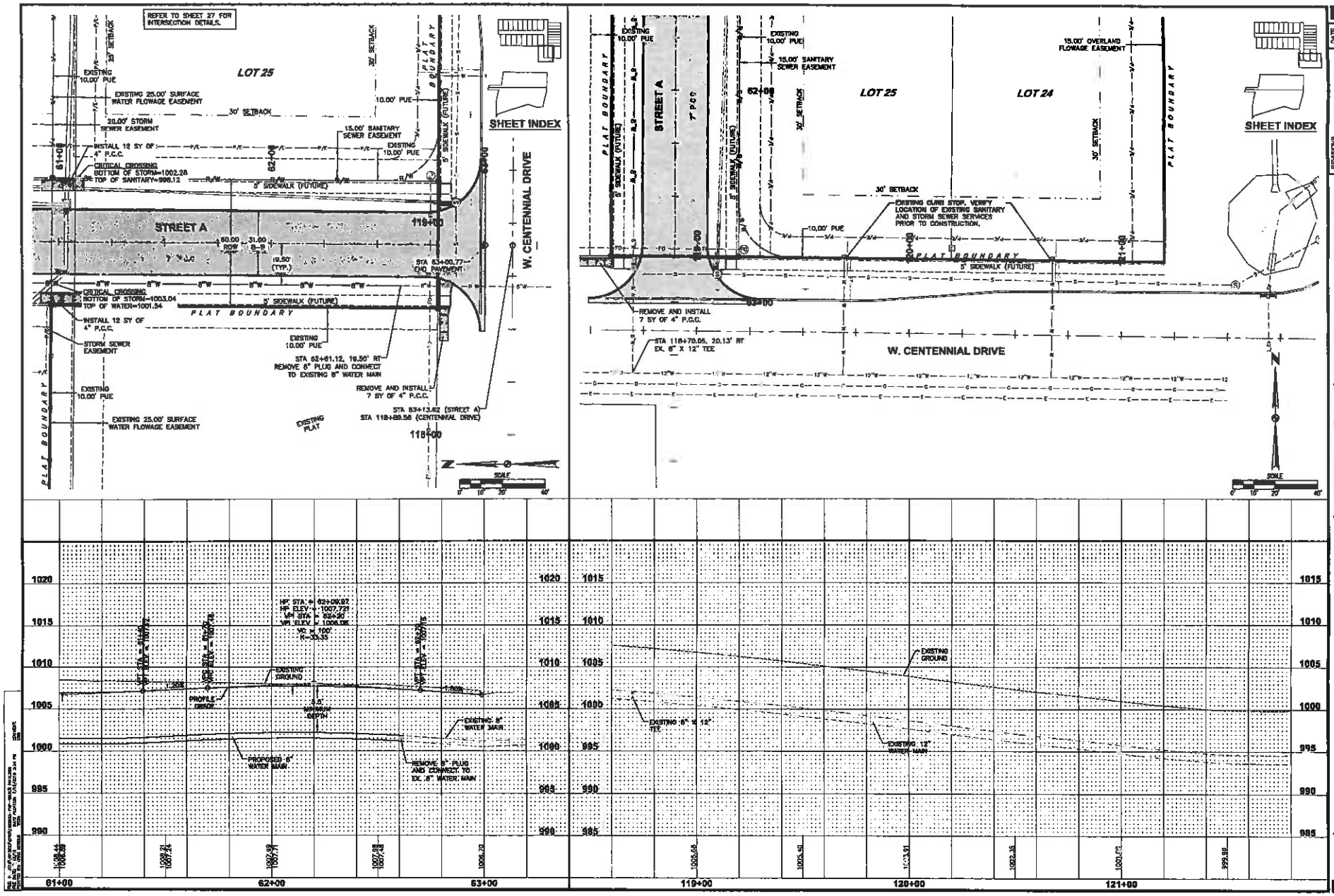
WESTVIEW HEIGHTS PLAT 2

WATER MAIN PLAN AND PROFILE

HUXLEY, IOWA

1812.653



REVISIONS | DATE
SECOND SUBMITTAL 02/19/19
FIRST SUBMITTAL 02/05/19

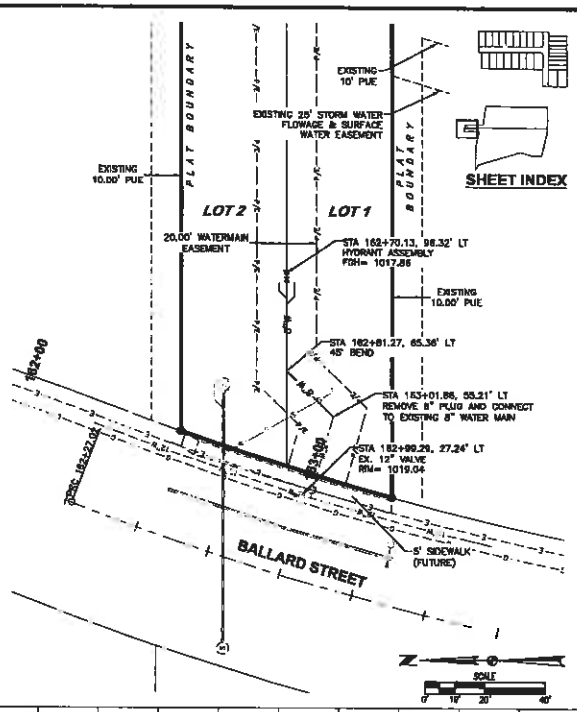
3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
CIVIL DESIGN ADVANTAGE
ENGINEER: EKO
EI: GHJ/WM

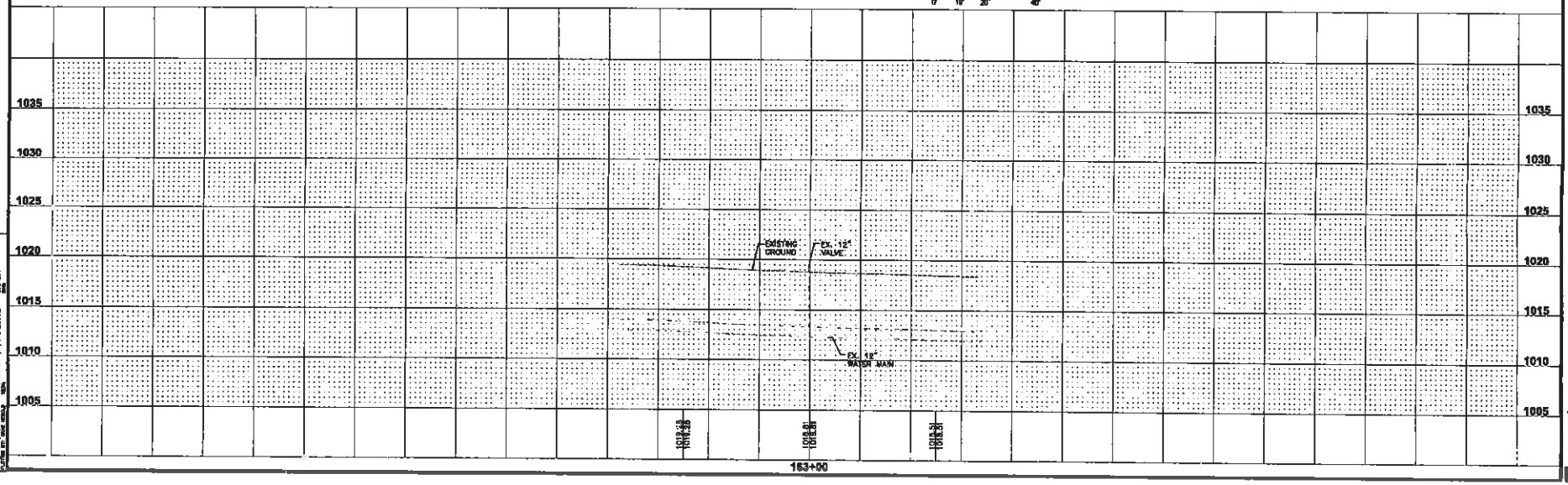
WESTVIEW HEIGHTS PLAT 2

WATER MAIN PLAN AND PROFILE

HUXLEY, IOWA

18120.633





REVISIONS	DATE
SECOND SUBMITTAL	10/24/19
FIRST SUBMITTAL	09/24/19

3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
ENGINEER: EKO
EI: GH/JWM
CIVIL DESIGN ADVANTAGE

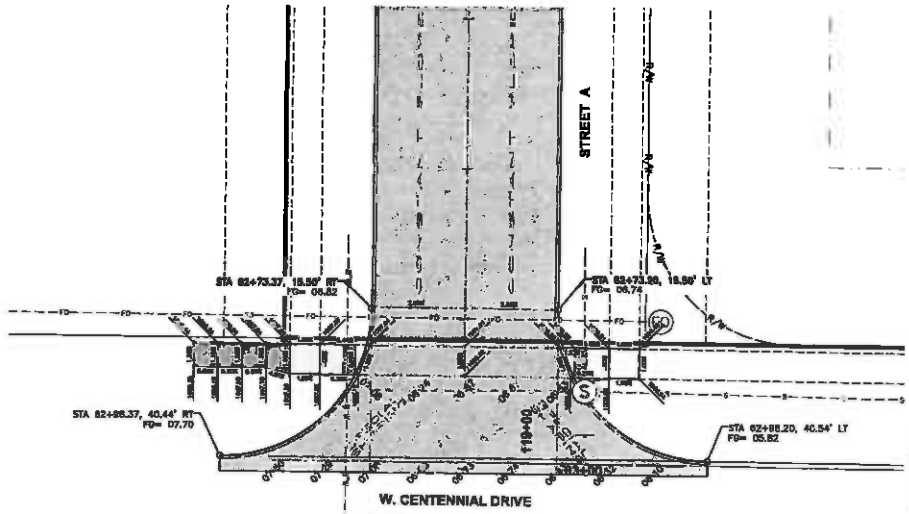
WESTVIEW HEIGHTS PLAT 2

WATER MAIN PLAN AND PROFILE

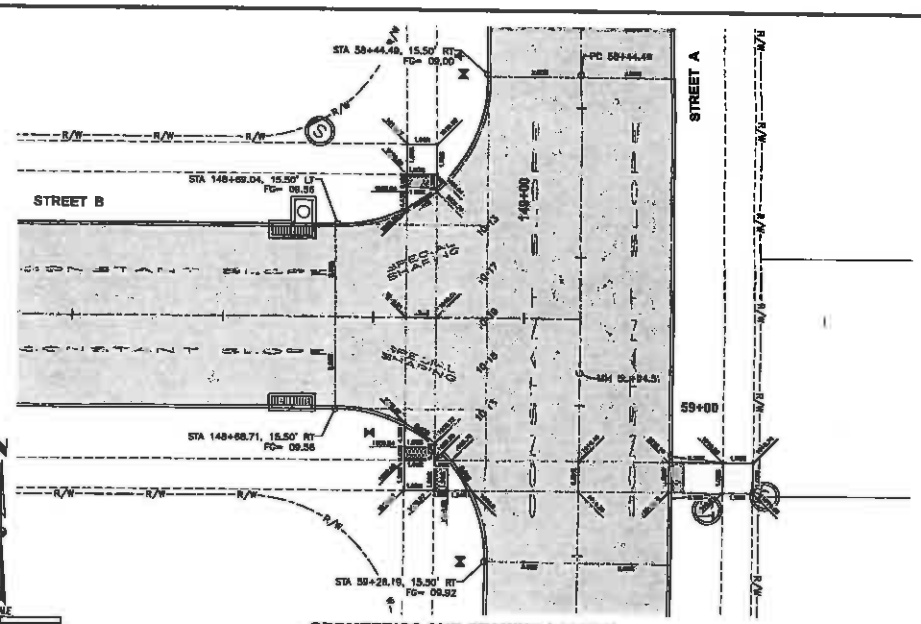
HUXLEY, IOWA

26/27

1812.863



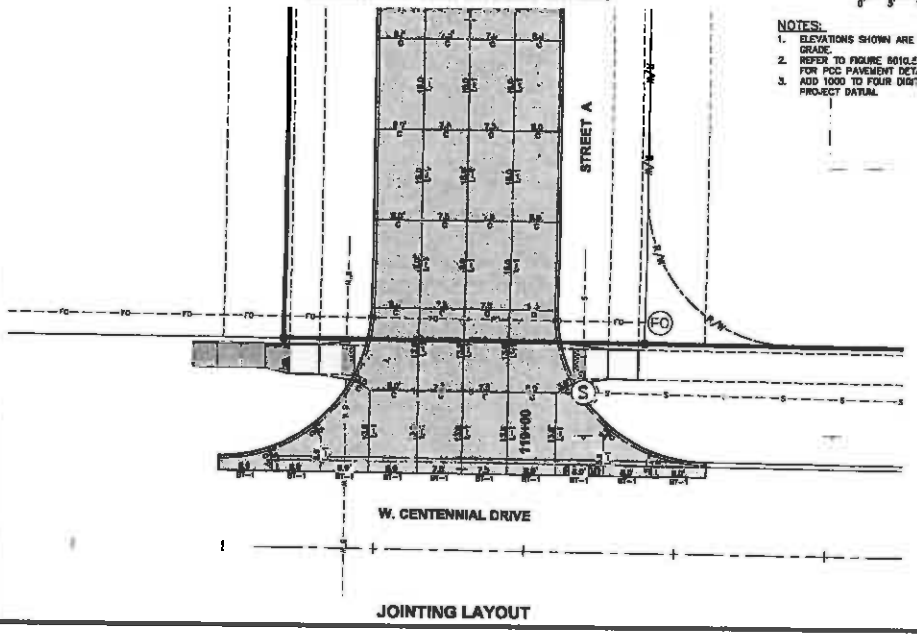
GEOMETRICS AND STAKING LAYOUT



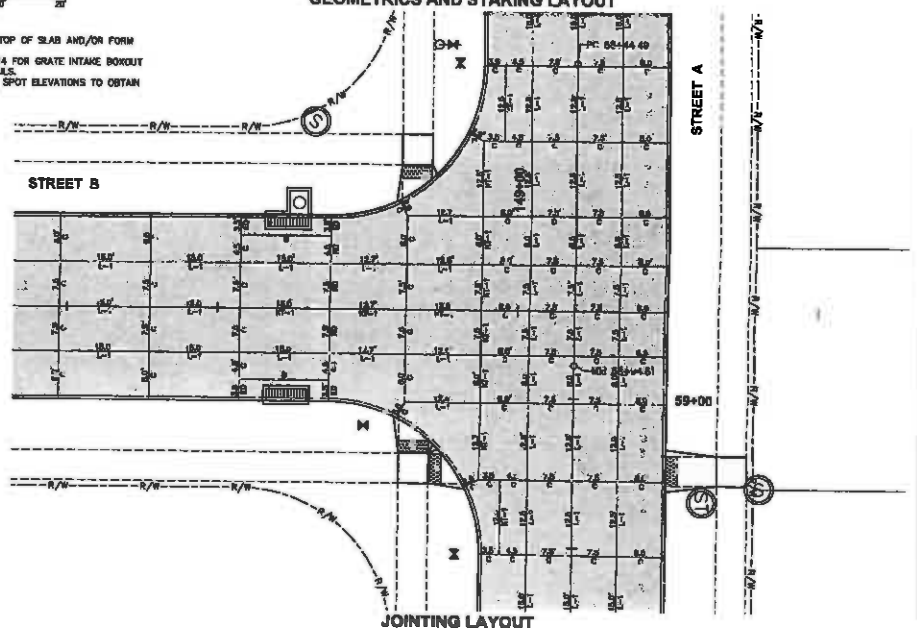
GEOMETRICS AND STAKING LAYOUT

NOTES:

1. ELEVATIONS SHOWN ARE TOP OF SLAB AND/OR FORM GRADE.
2. REFER TO FIGURE 6010.214 FOR GRATE INTAKE BOXOUT FOR PCC PAVEMENT DETAILS.
3. ADD 1000 TO FOUR DIGIT SPOT ELEVATIONS TO OBTAIN PROJECT DATUM.



JOINTING LAYOUT



JOINTING LAYOUT

WESTVIEW HEIGHTS PLAT 2
INTERSECTION DETAILS

HUXLEY, IOWA

CIVIL DESIGN ADVANTAGE
3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
ENGINEER: EKO
EI: GH/LWM

REVISIONS	DATE
SECOND SUBMITTAL	07/13/18
FIRST SUBMITTAL	06/26/18

Prepared by John Haldeman, City Administrator for the City Council meeting to be held on the 23rd day of July, 2019

RESOLUTION NO. 19- 098

RESOLUTION APPROVING WATER TOWER CLEANING CONTRACT

WHEREAS, in order to protect the investment that the City of Huxley has made in its infrastructure, periodic maintenance may be required; and

WHEREAS, maintenance on the 500,000 gallon water tower is now required to insure that a larger expense is not needed in the immediate future; and

WHEREAS, the City Council of the City of Huxley, Iowa believes it to be in the best interest of the City to approve and execute the Contract.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUXLEY, IOWA, that the City Council approves said contract and authorizes the Mayor to sign the necessary documents, a copy of same is attached.

Roll Call	**Aye**	**Nay**	**Absent**
David Jensen	___	___	___
David Kuhn	___	___	___
Greg Mulder	___	___	___
Rick Peterson	___	___	___
Tracey Roberts	___	___	___

PASSED, ADOPTED AND APPROVED this ____day of July, 2019

APPROVAL BY MAYOR

I hereby approve the foregoing **Resolution No. 19-098** by affixing below my official signature as Mayor of the City of Huxley, Iowa, this _____day of July, 2019.

_____

Craig D. Henry, Mayor

ATTEST:

_____

Jolene Lettow, City Clerk

7/15/2019

Dear Council,

The water department is submitting the bids for your review for the cleaning of the exterior of the water tower. As you probably have noticed the algae and mildew growing on the tower it's not very appealing and does take its toll on the longevity of the paint. There is two different ways of cleaning it one is with high pressure (3500 psi) the other is a pre-soak and low pressure (800psi) which I believe would be a lot less abrasive to the existing paint. I have four separate quotes to do the cleaning they are as follows:

National Wash Authority uses low pressure and their own lift no rigging on the tank.	$6,100.00
Central Tank Coatings uses high pressure and rigging on the tank.	$9,500.00
Maguire Iron uses high pressure and rigging on the tank.	$11,800.00
Viking Industrial Painting uses high pressure and rigging on the tank.	$18,500.00

The attached bid sheets are provided for your review I would like to recommend National Wash Authority to do the work they are the least expensive and use their own lift. Thank you for your time on this matter.

Keith Vitzthum

7/15/2019

Dear John,

I have reviewed the bids that Keith has submitted for power washing the elevated water tower tank. I would like to try the less invasive pressure washing to see if it will remove the grime and mildew on the paint surface without damaging the integrity of the original paint surface. I agree with Keith's recommendation in hiring National Wash Authority in the amount of $6100.00 to clean the exterior of the tank.

Jeff

Keith Vitzthum

From: Jake Dugger [duggerj@maguireiron.com]
Sent: Wednesday, June 19, 2019 10:51 AM
To: Keith Vitzthum
Subject: RE:

Hey Keith,

Here you go. I can send you a formal proposal for signature if you want to proceed.

Pressure wash Column and bowl/sidewall: $16,800
Pressure wash Bowl and Sidewall Only: $11,800

From: Keith Vitzthum <[redacted]>
Sent: Wednesday, June 19, 2019 10:22 AM
To: Jake Dugger <[redacted]>
Subject: RE:

The entire tank and I would assume the stem would at least need to be rinsed from the debris of the tank.

Keith Vitzthum

Water Superintendent
City of Huxley
515 N. Main Avenue
Huxley, Iowa 50124
515-383-4309

From: Jake Dugger [mailto:[redacted]]
Sent: Wednesday, June 19, 2019 10:00 AM
To: Keith Vitzthum
Subject: RE:

Hey Keith ,

Keith Vitzthum

From: Tom Street [tom_wtpr@mchsi.com]
Sent: Tuesday, June 18, 2019 3:10 PM
To: Keith Vitzthum
Subject: RE: *Watertower service

Keith;

Per our phone conversation, we would calculate $18,500 to power wash complete exterior of tank and tower, taking off all dirt, mildew, stain etc.

If this estimate is accepted, I will forward an authorization form for signature

Keep smilin

Tom

Tom Street | (563) 320-4879
tom_wtpr@mchsi.com

VIKING

P.O. Box 24162
Omaha, NE 68124

From: Keith Vitzthum [mailto:keith.vitzthum@huxleyiowa.org]
Sent: Tuesday, June 18, 2019 10:22 AM
To: Tom Street
Subject: RE: *Watertower service

Tom,

Can I get a quote to wash the outside of our 500,000 gallon hydra pillar? Thanks

Keith Vitzthum

Water Superintendent
City of Huxley
515 N. Main Avenue
Huxley, Iowa 50124
515-382-4309

From: Tom Street [mailto:tom_wtpr@mchsi.com]
Sent: Wednesday, January 23, 2019 5:28 PM
To: Tom Street

National Wash Authority, LLC dba Midwest Mobile Washers
100 N Jackson Street
Morrison, IL 61270
(800) 804-7517
aswashboy@frontiernet.net
wwww.watertowercleaners.com

PROPOSAL

PROPOSAL # 1693
DATE 06/12/2019
EXPIRATION DATE 12/31/2019

ADDRESS
City of Huxley
Keith Vitzthum
515 N. Main Avenue
Huxley, IA 50124
515-290-7512

SHIP TO
City of Huxley
Keith Vitzthum
515 N. Main Avenue
Huxley, IA 50124
515-290-7512

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

SERVICES	RATE
National Wash Authority, LLC (dba Midwest Mobile Washers) along with twenty-eight years of water storage tank cleaning experience, proposes the following for City of Huxley. National Wash Authority/Midwest Mobile Washers is a Minority-Female owned business. National Wash Authority has successfully and safely cleaned over 1,600 plus water storage tanks in several States without any incidents and never has had any time loss of work, due to an injury! We are a safe and compliant workplace of 28 years. LOCATION OF JOB SITE: 1ST & MAIN, HUXLEY, IA SERVICES TO BE RENDERED ON JOB SITE: We will render the proper and standard cleaning procedures to the industry (AWWA-SSPC-NACE) to clean and remove mildew/algae growth on the exterior sides of a water storage tank(s). TANK DESCRIPTION: 500,000 GALLONS HYDROPILLAR @ 134' TO TOP. IF TOWER IS HIGHER THAN 150', AN EXTRA CHARGE WILL BE APPLIED TO ACCOMODATE ACCESS TO TANK. DESCRIPTION OF SERVICES: Pre-soak system of a soapy bleach applied at low psi application or thru pressure washing equipment utilizing chemical injectors to apply the product. Once the root of the mildew/algae has been killed we will then use a "Soft Wash rinse application" to flush off debris. (With lower psi) Its very important that when high psi is used it can cause damage and/or leave a wand pattern shadow look on the tanks surface, once cleaned. This is old school practice and not the best method on older paint systems. We use a 100% frictionless procedure to access your tank. No cable hanging/No wheel baskets/No hanging apparatice will be used to clean your tanks surface. Our company will utilize an aerial manlift to access the tanks surface working directly next to the tank with no attachments 100% frictionless cleaning applications. Proper pressure wash nozzles, equipment and techniques are required to wash a water tower's surface. Water tank coatings may have thin paint, cracked paint, bubbled paint, chipped paint, oxidized paint and peeling paint which all play a vital role of how a tanks surface needs to be cleaned. With our pre-soak system treatment and flush type system (large nozzle sizes) we call "Soft Wash Method" of using less than 800 psi to clean a tank. No high pressure cleaning or blasting is required to clean your tanks surface. Once your tank is cleaned, we apply an anti-mildew inhibitor to slow down the return of mildew staining. This is just an aid it will not prevent mildew from not growing. © 2017 National Wash Authority, LLC	6,100.00

SERVICES RATE

Condensation of a tank, water temperature in the tank, condition of paint on a tank, environment of setting of a tank, water usage of the tank, atmosphere dust, blowing debris onto a tank and Seasonal changes by Mother Nature all determine on the re-growth of mildew on a tanks coating system.

We pride ourselves over any Competition by being a Safety & Compliant Company.

* Employee's are Certified on lift equipment. (Have operator cards)
* Prevailing wages scales are met. Where applicable.
* Background checks done on ALL employee's.
* We are an Accident Free Work Place!
* Twenty-eight years of NO lost time of work DUE TO AN INJURY!
* 100% TOTALLY FRICTIONLESS CLEANING TREATMENT of a tanks surface.

All cleaning agents used are biodegradable and are environmentally friendly.
All safety equipment will be used by OSHA requirements (Miller safety harness' or equivalent).
All equipment, safety devices, crane and aeriel machinery are included in this bid.
Enclosed is a copy of our General Liability Insurance coverage. Our employees' are fully covered under our Workman's Compensation insurance.
ANY AND ALL OTHER INSURANCE REQUIREMENTS ABOVE AND BEYOND OUR CURRENT INSURANCE COVERAGES, WILL BE AN ADDITIONAL CHARGE ADDED TO THE CURRENT PROPOSAL PRICE IF REQUIRED BY YOUR MUNICIPALITY.
This proposal terminates if not accepted by December 31, 2019.

We are the Original Founders of adding an anti-mildew inhibitors to the tanks surface. Most recent, after two years of research we are the Proud Founders of the "Soft Wash Cleaning Treatment" to water tanks as well! Our Company is the only one whom renders a Soft Wash Cleaning Treatment in our Industry!

OPTIONAL SERVICE
Offering spot painting/touch up painting service.
We will bid by Specifications
Tool grind, sanding, spot priming and apply top coat painting to be offered as same day as cleaning is completed if weather and the tank are acceptable to apply limited paints in that time frame.
Minimal charge utilizing paint and/or primer, will be an additional pricing.
All aerial equipment, prevailing wages, paint/primer expenses and material required are all included in this price.
If a second day of service is needed for painting an additional $2,000.00 for aerial machinery.

OPTIONAL SERVICES
Rust stain removal/rust streak removal
Contact us for Proposal for removing rust stains/streaks or Iron stains on a tanks painted surface.

© 2017 National Wash Authority, LLC
THIS PROPOSAL IS COPYRIGHT PROTECTED.

CONFIDENTIALITY: This Proposal/Quotation and any files transmitted with it may contain information propietary to National Wash Authority, LLC/Midwest Mobile Washers, and are intended solely for the use of the individual or entity to whom they are addressed, shall be maintained in confidence and not disclosed to third parties without the written consent of National Wash Authority, LLC/Midwest Mobile Washers. All information on this Proposal/Quotation is not to be copied, reprinted or used as specifications for any other RFP's. Procedures, methods and products are not to be copied, shown or reprinted to any third party. © 2017 National Wash Authority, LLC

TOTAL **$6,100.00**

Accepted By

Accepted Date

CENTRAL TANK COATINGS, INC

"General Water Tower Maintenance"

Kelly Koehn, Owner 22528 Canoe Rd. Elgin, Iowa 52141

AGREEMENT

THIS AGREEMENT made this **1st day of, July 2019** by CENTRAL TANK COATINGS, INC. of Elgin, Iowa, hereinafter called the CONTRACTOR, hereby agrees to power wash using 3500 psi to remove all mold and dirt off the 500,000 gallon water tank.

For the **CITY OF HUXLEY, IA**
Hereinafter called the OWNER, for the consideration of

NINE THOUSAND FIVE HUNDRED DOLLARS

($9,500.00) which shall become due and payable upon completion of the work.

Contractor shall provide relief valves during inspection.

Contractor shall carry workman's compensation, public liability, property damage and unemployment insurance during the operation.

Owner shall be responsible for the expenses of effectively insulation and\or de-energizing and grounding all electrical power circuits located within ten (10) foot proximity of the water storage structure.

It is understood that this agreement does not in any way obligate the OWNER to do any further work or incur and other expenses without their written approval.

CENTRAL TANK COATINGS, INC. has negotiated this agreement

Dated this_____ **day of** _____ 2019

By:_____
OWNER

_____
Name of Owner's Representative Title

CENTRAL TANK COATINGS, INC. accepts and executes this agreement at Elgin, Iowa on this_____ day of _____, 2019

LEISURE ACTIVITIES

Prepared by John Haldeman, City Administrator, for the City Council meeting to be held on the 23rd day of July, 2019.

RESOLUTION NO. 19-099

RESOLUTION APPROVING PROJECT FOR INSTALLING SIDEWALK AT THE LARSON FAMILY SPORTS FIELD, CITY OF HUXLEY, IOWA

WHEREAS, with the growing usage of the sports fields at the Larson Family Sports Field; and

WHEREAS, the pedestrian traffic and vehicle traffic also increasing with the usage.

BE IT RESOLVED, THEREFORE, that the Director of the Parks and Recreation Department (Heather Denger) has submitted a proposal to have a sidewalk installed along Timberlane for the safety of those individuals using the facility and the City Council agrees with the plan to have this sidewalk installed and directs Mayor to sign said contract submitted by Cockerham Concrete, Inc.

Roll Call	**Aye**	**Nay**	**Absent**
David Jensen	___	___	___
David Kuhn	___	___	___
Greg Mulder	___	___	___
Rick Peterson	___	___	___
Tracey Roberts	___	___	___

PASSED, ADOPTED AND APPROVED this _____day of July, 2019

APPROVAL BY MAYOR

I hereby approve the foregoing **Resolution No. 19-099** by affixing below my official signature as Mayor of the City of Huxley, Iowa, this _____day of July, 2019.

_____
Craig D. Henry, Mayor

ATTEST:

_____
Jolene Lettow, City Clerk

HUXLEY
PARKS & RECREATION DEPARTMENT

MEMORANDUM

To:	Honorable Mayor Craig Henry & City Council
From:	Heather Denger
Date:	7/16/19
Re:	Paving Sidewalk

I am requesting permission to install a new sidewalk from the LFSF parking lot to Centennial Drive. This would provide a safe way for people to cross the road at the corner of Timberlane and Centennial as well as give us a basis to encourage future sidewalk endeavors on the East side of Timberlane.

Rocky has received three quotes for this project and is suggesting we go with Cockerham Concrete. Cost expected to be $19,600 or less. Rocky would haul rock and do the dirt work for this project and provide ADA Pads.

If approved, this would be Amended in the budget at a future date.

Heather Denger
Parks & Recreation Director

Director: Heather Denger 515 North Main Avenue Huxley, Iowa 50124
Phone: (515) 597-2515 Fax: (515) 597-2570 Email: hdenger@huxleyiowa.org

mike

COCKERHAM CONCRETE INC.

P.O. BOX. 21
HUXLEY IA. 50124

Estimate

Number	E138
Date	7/8/2019

BILL TO
CITY OF HUXLEY

JOB SITE
TIMBERLANE

PO Number	Terms

Description	Amount
8 FEET WIDE X 500 FEET LONG	
REBAR 4 FOOT ON CENTER	
2 X 6 FORMING MATERIAL ,SAW CUTS APPROX 10 X 8	
FILL MATERIAL & ADA DOMES BY CITY	$19,600.00

(ADA pads)

Rocky-hard rock

(ASAP)

Total	$19,600.00

Lakeside Contractors

LAKESIDE CONTRACTORS
ALL THINGS CONCRETE

Estimate

Date	Estimate #
7/15/2019	Soccer Walk

Name / Address
John Haldeman City Of Huxley 515 N Main Ave Huxley, Iowa 50124

Project

Description	Qty	Rate	Total
City Sidewalk Along Timberline Drive At Soccer Fields Includes -6" 4000 PSI concrete -#4 rebar 4' on center -Expansion Joint between Timberline Dr curb and sidewalk Exclusions -Grade material -ADA Track Pads -Sign Removal -Spoils Removal -Fill Material	1	18,624.11	18,624.11
Curb Cut at corner of Timberline Drive and 310th St.	1	1,100.00	1,100.00
		Total	$19,724.11

IKERSON CONCRETE LLC
1863 GLENWOOD CIRCLE
DES MOINES IA 50320
515-443-0928
ikersonconcretellc@gmail.com

Estimate

Date	Estimate No.
6/13/2019	52

Name/Address

city of huxley
1030 timberlane huxley
515-460-4585

Description	Total
4000 sf of city sidewalk 8 ft Wide 6" thick	28,000.00
	0.00
extra gravel to place the concrete) ($450)	0.00
sometimes top soil is to soft or in most cases we found sand underneath the concrete, and we have to replace sand for gravel	
1.- contractor is responsible for concrete , rebar and gravel, tear out and ride of concrete,cut joins and provide any material to get the job done	0.00
City permits to remove approach and sidewalk and pour 6" thick	0.00
customer will be responsible to call IOWA ONE CALL to locate underground utilities before we start the project (1800 292 8989)	0.00
media-Com, century-link, etc....	
2.- YES - concrete does cracks. we do not like it either but in most cases , it is bound to happen. This is way we do crack control joints	0.00
where the concrete is most likely to crack. If the cracks in these control joints, this is exactly what we had hoped for .	
typically concrete cracks very soon after is poured , often the same day. we do everything we can to control cracking , but the is NO GUARANTEE that concrete will not crack in other places	
cracks that are 3/16" of one inch or less (in height or gap) are normal and are within industry standards	
3.- Another common misconception is color. It is not possible for us to match exact color of your porch, sidewalk , or your driveway . sometimes even your driveway may not match exactly since most driveways need tow or more loads of concrete. This is especially true if concrete placements are made on different days or if you have color added to your concrete. Most of these color variations are minor and most will fade over time ,but it can occur	0.00
Total	**$28,000.00**

Signature _____