

**CITY OF STORM LAKE
REGULAR COUNCIL MEETING, CITY HALL
COUNCIL CHAMBERS
FEBRUARY 3, 2020
5:00 PM**



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

AGENDA

- A. Pledge of Allegiance
- B. Consideration of Changes in Agenda and Setting the Agenda
- C. Disclosure by City Council Members
- 1. Hear the Public
- 2. Consent Agenda
 - A. Approve Consent Agenda
 - B. Buy Local Information
 - C. SLPD City Code Enforcement
 - D. Motion Authorizing Noise Variance for Winterfest
- 3. Public Hearing for the 4th & Barton Storm Sewer Improvements Project Plans, Specifications and Form of Contract
- 4. Resolution No. 45-R-2019-2020 to Approve the 4th & Barton Storm Sewer Improvements Project Plans, Specifications and Form of Contract
- 5. Public Hearing Authorizing a Maximum Tax Levy and Rate
- 6. Resolution No. 46-R-2019-2020 Approving Maximum Tax Levy and Rate for FY 2020-2021
- 7. Motion Setting Public Hearing for Fiscal Year 2021-2025 Proposed Capital Improvement Plan Workshop
- 8. Approving Professional Services Agreement with Bolton & Menk for the 2020 Expansion Boulevard Improvements Project
- 9. Resolution No. 47-R-2019-2020 Approving Final Completion for the 10th and Ontario Stormwater Project
- 10. Motion to Approve Amended Purchase Agreement - 1220 E. 4th St.
- 11. City Council Requested Items
- 12. Budget Work Session- Outside Agency Allocations and Enterprise Operations and Maintenance
- 13. Adjourn

Meeting Protocol

If you wish to speak today, please:

1. To speak on an agenda item please approach the podium when that agenda item is called and upon recognition by the Mayor identify yourself by stating your name and address.
2. If your issue is not a topic on the agenda please approach the podium under the "Hear the Public" agenda item and upon recognition by the Mayor identify yourself by stating your name and address.
3. Please keep your remarks to three (3) minutes or less.
4. If you require accommodation for this meeting including but not limited to translation services, hearing assistance, or accessibility please contact the City Clerk at least four (4) hours prior to the start of the meeting.

**If you have concerns about any of the items on the consent agenda, they may be separated from the consent agenda and voted on individually.*

***Ordinances may be read at three consecutive meetings or readings may be waived and ordinances may be passed at only one or two meetings.*



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Staff Summary

2/3/2020

Agenda Item # B.



City of Storm Lake
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REPORT TO: Honorable Mayor and City Council

FROM:

SUBJECT: Consideration of Changes in Agenda and Setting the Agenda

BACKGROUND:

FISCAL IMPACT:

RECOMMENDATION:

Staff Summary

2/3/2020

Agenda Item # C.



City of Storm Lake
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REPORT TO: Honorable Mayor and City Council

FROM:

SUBJECT: Disclosure by City Council Members

BACKGROUND:

FISCAL IMPACT:

RECOMMENDATION:

Staff Summary

2/3/2020

Agenda Item # A.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
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REPORT TO: Honorable Mayor and City Council

FROM: Mayra Martinez, City Clerk

SUBJECT: **Approve Consent Agenda**

BACKGROUND: The Consent Agenda Includes:

- List of bills for approval
- King's Pointe and Sunrise Pointe disbursements for approval
- Approve the January 20, 2020 City Council Minutes
- Approve Renewal Liquor License for Lakeshore Inc & Jimmy's Bar & Grill - contingent on dram shop
- Approve the Code Enforcement Summary (see staff summary)
- Acknowledge Board and Commission Minutes (see staff summary)
- Motion Authorizing Noise Variance For Winterfest (see staff summary)

FISCAL IMPACT: The City will pay the following expenditures:

- List of Bills - \$464,063.69
- King's Pointe & Sunrise Pointe Golf Course Bills - \$128,730.65
- Liquor License Renewal - \$145.00

RECOMMENDATION: Approve Consent Agenda

ATTACHMENTS:

Description	Type
☐ Minutes - January 20, 2020	Minutes
☐ List of Bills	List of Bills
☐ King's Pointe and Golf Course - List of Bills	List of Bills
☐ Lakeshore & Jimmy's Bar & Grill Liquor Application	Backup Material
☐ Lakeshore & Jimmy's Bar & Grill Liquor Report	Backup Material

**REGULAR COUNCIL MEETING, CITY OF STORM LAKE, IOWA, CITY HALL,
JANUARY 20, 2020 5:00 P.M.**

Present: Mayor Michael Porsch, Council Members Jose Ibarra, Dan Smith, Kevin McKinney, and Maria Ramos. Absent: Council Member Tyson Rice.
Staff present: City Manager Keri Navratil, Assistant City Manager David Derragon, City Attorney Phil Havens, Police Chief Chris Cole, Fire Chief Mike Jones, Building Official Scott Olesen, King's Pointe Manager Mark Clossey, Library Director Elizabeth Huff, Public Service Supervisor Scott Bonebrake, Finance Director Brian Oakleaf, and City Clerk Mayra Martinez.

Mayor Porsch called the meeting to order at 5:00 pm.

Pledge of Allegiance

Agenda -Moved by Council Member Smith to approve setting the Agenda as presented. Seconded by Council Member Ibarra. Vote: All ayes with Council Member Rice absent. Motion carried.

Disclosure by City Council Members – None at this time.

Hear the Public – None at this time.

Mayor Porsch congratulated Chris Cole for being sworn in as the Chief of Police. Mayor Porsch thanked the Public Works department for a fabulous job on the snow removal over the weekend. Mentioned that a total of 366 man hours were worked, approximately 90 tons of sand/salt mixture was spread during this snow/drizzle event. Mayor Porsch announced the following Proclamation honoring Dave Janning for his 25 years of service to the City of Storm Lake, Iowa with the Parks Department. Mayor Porsch also proclaimed Thursday, February 13, 2020 as Iowa Honey Bee Day.

Consent Agenda - Moved by Council Member Ibarra to approve the consent agenda which includes list of bills check #'s 74691 through 74766, EFT#'s 834, 864 through 897, King's Pointe and Sunrise Pointe disbursements, January 6, 2020 City Council Minutes, renewal liquor license for JJ's Lounge dba Brewster's, Plaza Mexico and Dollar General, Code Enforcement Summary, and agreement with Marilyn Mittelstadt regarding resolution of sewer issue. Seconded by Council Member Ramos. Vote: All ayes with Council Member Rice absent. Motion carried.

Storm Lake United Update - Lee Dutfield and Gary Lalone presented to Council the Storm Lake United yearly update.

Iowa Lakes Corridor Update - Kiley Miller presented to Council the Iowa Lakes Corridor yearly update and acknowledged Brian Dalziel as the Senior Vice President of Economic Development and Joanne Fallon as the Business Retention & Workforce Partnership Coordinator.

Re-Zoning 5950 90th Avenue - Moved by Council Member Smith to approve waiving 2nd Reading for Ordinance No. 04-O-2019-2020 Proposed Re-Zoning of a Parcel Located at 5950 90th Avenue from IN-2 Industrial Facilities District to RES, Reserve District. Seconded by Council Member McKinney. **Vote:** All ayes with Council Member Rice absent. Motion carried.

Moved by Council Member Ibarra to approve the 3rd Reading to adopt Ordinance No. 04-O-2019-2020 Proposed Re-Zoning Of a Parcel Located at 5950 90th Avenue. Seconded by Council Member Ramos. Roll call vote: All ayes with Council Member Rice absent. Motion carried.

ORDINANCE NO. 04-O-2019-2020

ORDINANCE AMENDING THE ZONING ORDINANCE OF THE CITY OF STORM LAKE, IOWA BY CHANGING THE ZONING CLASSIFICATION OF CERTAIN REAL ESTATE

WHEREAS, after due notice of intended action as provided by law, the City Council of the City of Storm Lake, Iowa, has determined that the zoning ordinance of this City should be amended as set forth below; and

WHEREAS, said action has been recommended by the Planning and Zoning Commission of the City of Storm Lake, Iowa;

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Storm Lake, Iowa, that, pursuant to Article IV, Section 406 of the Zoning Ordinance of the City of Storm Lake, Iowa, the official zoning map, as referred to therein, is hereby amended as follows:

The real estate parcel identified for taxation purposes as Parcel Number 1033301007, legally described as:

A TRACT OF LAND LOCATED IN THE NORTHWEST QUARTER OF THE SOUTH WEST QUARTER (NW1/4 SW ¼) OF SECTION 33, TOWNSHIP 91 NORTH, RANGE 37 WEST OF THE 5TH P.M., BUENA VISTA COUNTY, IOWA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

Beginning at the Northwest (NW) corner of the Southwest Quarter (SW ¼) of said Section 33; Thence South 00° 00' 00" East, along the West line of said Southwest Quarter (SW ¼), 679.50 feet; Thence South 67° 53' 12" East, 1016.75 feet; Thence North 00° 10' 12" West, 1060.30 feet to the North line of the Northwest Quarter of the Southwest Quarter (NW 1/4 SW ¼); Thence North 89° 52' 48" West, along said North line, 938.82 feet to the Point of Beginning.

Tract contains 18.77 acres and is subject to all easements of record.

is hereby rezoned from a district classification of RES (Reserve) to a district classification of IN-2 (Institutional Facilities).

This ordinance shall be in full force and effect from and after its passage and publication as provided by law.

PASSED AND APPROVED this 20th day of January, 2020.

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk

Purchase of Property - 1220 E. 4th St. - Moved by Council Member Smith to approve purchase of property located at 1220 E 4th Street. Amount of \$170,000.00. Seconded by Council Member Ibarra. Vote: All ayes with Council Member Rice absent. Motion carried.

Fee Resolution Campground - Moved by Council Member McKinney to adopt Resolution No. 43-R-2019-2020 Amending Fees for Sunrise Campground. Seconded by Council Member Ramos. Roll call vote: Roll call vote: All ayes with Council Member Rice absent. Motion carried.

RESOLUTION NO. 43-R-2019-2020

RESOLUTION SETTING FINES AND FEES

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF STORM LAKE, IOWA that the following schedule of fees are approved and effective as of the date of this resolution.

<u>Administration</u>	<u>Fee</u>	<u>Code Section</u>
Administrative Fee	\$30.00	
City Code Subscription (yearly)	\$50.00	
Garbage Truck Permits (per business)	\$100.00	3-1-5
Insufficient Check Fee	\$30.00	
New Friends List	\$10.00	
Peddlers Transient Merchant Permit (1 Day)	\$25.00	4-3-6
Investigation Fee	\$25.00	4-3-4
Peddlers Transient Merchant Permit (1 Week)	\$75.00	4-3-6
Investigation Fee	\$25.00	4-3-4
Transient Merchant Permit (28 days)	\$150.00	
Investigation Fee	\$25.00	
Solicitors Permit (per person)	\$2.00	4-3-6
Solicitors Permit (principal) (1 day)	\$25.00	4-3-6
Investigation Fee (per organization)	\$25.00	4-3-4
Investigation Fee (per Individual soliciting)	\$5.00	
Solicitors Permit (principal) (1 week)	\$75.00	4-3-6
Investigation Fee	\$25.00	4-3-4
Investigation Fee (per Individual soliciting)	\$5.00	
Solicitors Permit (principal) (28 days)	\$150.00	
Investigation fee (per organization)	\$25.00	
Investigation Fee (per Individual soliciting)	\$5.00	
Taxi Permit (Business)	\$100.00	4-5-3
Taxi Permit (per vehicle)	\$10.00	4-5-3
Cancel Permit Fee	\$25.00	
Freedom of Information Requests (FOIA Request)		
Single Sided Copy 8.5x11	\$.30/page	
Duplex copy 8.5x11	\$.40/page	
Single Sided Legal	\$.35/page	
Duplex Legal copy	\$.45/page	
Single Sided Ledger (11x17)	\$.70/page	
Single Sided Ledger with Color Print	\$.90/page	

Duplex Ledger (11x17)	\$.80/page
Duplex Ledger with Color Print	\$1.00/page
Large Format Prints (one side only and in color)	\$8.00/page
CD Cost (for requests that ask for the files digitally on a CD)	\$10.00
Research Hourly Rate – per hour/per person	\$25.00
Mailing Costs – 3 pages	\$1.00
Mailing Costs – 50 pages	\$5.00
Mailing Costs – 100 pages	\$10.00
Special City Council Meeting	\$250.00
Downtown Parking Space Rental Fees (specific lots)	
Per quarter (paid quarterly)	\$75.00
Per six months (paid bi-annually)	\$112.50
Annually (paid annually)	\$150.00

Airport Hangar Rent (monthly fees)

Hangar A	\$75.00
12 Month Lease Discount Rate	\$65.00
Hangar B	\$75.00
12 Month Lease Discount Rate	\$65.00
Hangar C (VT)	\$400.00
Hangar D	\$92.00
12 Month Lease Discount Rate	\$80.00
Hangar E	\$110.00
12 Month Lease Discount Rate	\$95.00
Hangar F	\$156.00
12 Month Lease Discount Rate	\$135.00
FBO Stall	\$173.00
12 Month Lease Discount Rate	\$150.00
Daily Inside Storage/per night	\$30.00

Building Official

Central Business District Bench & Flower Pot Permit	\$25.00	
Driveway Cut Inspection & Marking Only	\$30.00	
Driveway Cut < 18'	\$80.00	
Driveway Cut 24'	\$95.00	
Driveway Cut 34'	\$120.00	
ROW Temp Closure Permit	\$25.00	
Building Moving Permit (Per Bldg)	\$100.00	5-1-1
Demolition Permit	\$50.00	
Pool Inspection	\$20.00	8-8-11
Re-inspection Fee (after 1 per inspection)	\$35.00	
No Show Fee (per event)	\$50.00	
Rental Registration Fee – Yearly (July 1st – June 30th)		
Base Registration Fee (Structure and 1 unit)	\$15.00	5-8-9
Additional unit in excess of 1 (per unit)	\$7.00	5-8-9

Base Registration Fee (Structure and 1 unit) (proof of training)	\$10.00	5-8-9
Additional unit in excess of 1 (per unit) (proof of training)	\$5.00	5-8-9
Late Registration Fee	\$50.00	5-8-9
Property Maintenance Ordinance Appeal	\$150.00	Zoning Ord.
Variance Request	\$150.00	Zoning Ord.
Zoning Request	\$200.00	Zoning Ord.
Conditional Use	\$300.00	Zoning Ord.
Sub-Division Application Fee	\$300.00	
Sidewalk Repair Permit Fee	\$0	
New Construction Incentive		
Single Family Attached and Single Family Detached Dwelling (only valid from March 8, 2018 to Decemeber 31, 2018 with Council approval)	\$1.00	

Building & Sign Permit Fees

Building & Sign Permit <\$1,200	\$22.02	5-2-2
Building & Sign Permit \$1,200-2,000		5-2-2
\$22.02 + \$2.88 for each additional \$100.00 over \$1,200		
Building & Sign Permit \$2,001-25,000		5-2-2
\$45.06+ \$9.16 for each additional \$1,000.00 over \$2,000		
Building & Sign Permit \$25,001-50,000		5-2-2
\$255.74 + \$6.22 for each additional \$1,000.00 over \$25,000		
Building & Sign Permit \$50,001-100,000		5-2-2
\$411.24+ \$4.15 for each additional \$1,000.00 over \$50,000		
Building & Sign Permit \$100,001 or more		5-2-2
\$618.74+ \$3.61 for each additional \$1,000.00 over \$100,000		
Portable Sign Permit (14 days)	\$30.00	Zoning Ord.

Electrical Fees

For New Residences		5-4-9
Single Dwelling	\$38.00	
Duplex Dwelling	\$56.75	
Triplex Dwelling	\$75.50	
4-Plex Dwelling	\$113.00	
Multi Units Between 5 and 12	\$156.75	
Over 12 Units	\$156.75 plus \$38.00each over 12	
For New Commercial or Industrial Buildings		
First \$5,000.00 at \$8.00 per/\$1,000.00 of cost		
Second \$5,000.00 at \$6.75 per /\$1,000.00 of cost		
Third \$5,000.00 at \$5.50 per/\$1,000.00 of cost		
Fourth \$5,000.00 at \$4.25 per/\$1,000.00 of cost		
Fifth \$5,000.00 at \$3.00 per/\$1,000.00 of cost		
All over \$25,000.00 at \$1.50 per/\$1,000.00 of cost		
For Rewiring, Repairs or Alterations on Residence, Commercial and Industrial Buildings		
\$100.00 to \$150.00 electric contract	\$6.75	
\$151.00 to \$200.00 electric contract	\$8.00	

\$201.00 to \$250.00 electric contract \$9.25
 \$251.00 to \$300.00 electric contract \$10.50
 \$301.00 to \$350.00 electric contract \$11.75
 \$351.00 to \$400.00 electric contract \$13.00
 \$401.00 to \$450.00 electric contract \$14.25
 \$451.00 to \$500.00 electric contract \$15.50
 \$501.00 to \$1,000.00 electric contract \$23.00
 \$1,001.00 to \$2,000.00 electric contract \$28.00
 All over \$2,001.00 \$28.00 plus \$1.50 per \$100.00

Plumbing Fees

For New Residences		5-3-10
Single Dwelling	\$38.00	
Duplex Dwelling	\$56.75	
Triplex Dwelling	\$75.50	
4-Plex Dwelling	\$113.00	
Multi Units Between 5 and 12	\$156.75	
Over 12 Units	\$156.75 plus \$38.00 each over 12	
For New Commercial or Industrial Buildings		
First \$5,000.00 at \$8.00 per/\$1,000.00 of cost		
Second \$5,000.00 at \$6.75 per /\$1,000.00 of cost		
Third \$5,000.00 at \$5.50 per/\$1,000.00 of cost		
Fourth \$5,000.00 at \$4.25 per/\$1,000.00 of cost		
Fifth \$5,000.00 at \$3.00 per/\$1,000.00 of cost		
All over \$25,000.00 at \$1.75 per/\$1,000.00 of cost		
For Repairs or Alterations on Residence, Commercial and Industrial Buildings		
\$100.00 to \$150.00 plumbing contract \$6.75		
\$151.00 to \$200.00 plumbing contract \$8.00		
\$201.00 to \$250.00 plumbing contract \$9.25		
\$251.00 to \$300.00 plumbing contract \$10.50		
\$301.00 to \$350.00 plumbing contract \$11.75		
\$351.00 to \$400.00 plumbing contract \$13.00		
\$401.00 to \$450.00 plumbing contract \$14.25		
\$451.00 to \$500.00 plumbing contract \$15.50		
\$501.00 to \$1,000.00 plumbing contract \$23.00		
\$1,001.00 to \$2,000.00 plumbing contract \$28.00		
All over \$2,001.00 \$28.00 plus \$1.50 per \$100.00		

Campground

Class A Site	\$27.00
(Lake View, Patio, Water, Sewer, Electric, Cable TV, Fire Pit)	
Class B Site	
(Patio, Water, Sewer, Electric, Cable TV, Fire Pit)	\$26.00
Class C Site	\$26.00
(Lake View, Patio, Water, Sewer, Electric, Fire Pit)	

Class D Site (Patio, Water, Sewer, Electric, Fire Pit)	\$23.00
Class E Site (Water, Sewer, Electric)	\$22.00
Class F Site (Electric)	\$18.00
Glass G Site (Tent)	\$12.00
Long Term Stay Rate Limited to Long Term Stay slots which include Water, Sewer, Electric Minimum 30 day stay paid in advance – 10% off	
Extra Vehicle Parking (if space available)	\$5.00
Non-Campers Dump Station (per event)	\$5.00
Non-Camper Shower (per shower)	\$5.00

Fire Department

False Alarm Fee (after 1)	\$150.00	4-7-16
Liquor License Inspection Fee	\$50.00	
Fireworks Display (Mortar sizes from 1-3 inches)	\$150.00	
Fireworks Display (Mortar size larger than 3 inches)	\$250.00	
Emergency Response and/or Cleanup of Material (per hour)		
Large Fire Apparatus	\$150.00	
Fire Commander Vehicle	\$75.00	

Golf Course

Single Season Pass	\$275.00
Family Season Pass - Family: Two or more persons (one of whom is the householder) related by birth, marriage, or adoption, living together and sharing common living, sleeping, cooking, and eating facilities within and individual housing unit as defined by the Storm Lake Zoning Code.)	\$550.00
College Season Pass	\$149.00
Junior Season Pass (12 and Under)	\$50.00
Electric Cart Storage	\$275.00
Gas Cart Storage	\$225.00
Locker Rent/yr	\$20.00
Golf Club Rental	\$10.00

Trail Fee (per day)	\$10.00
Pull Cart Rental	\$3.00
Trail Fee (year)	\$150.00
Discount Tickets – per 9 holes (sold in advance with minimum quantity of 50)	\$10.00
Weekday 9 Holes	\$15.00
Weekday 18 Holes	\$20.00
Weekend 9 Holes	\$20.00
Weekend 18 Holes	\$25.00
Cart Rental 9 Holes	\$10.00
Cart Rental 18 Holes	\$20.00
Yearly Cart Rental	\$325.00
Hall Rental – Off Season Rate	\$300.00
Hall Rental – Peak Season Rate (Memorial Day to Labor Day)	\$400.00
Bar Set-Up Fee	\$100.00
Hall Rental - Friday Setup Fee (Valid only after 5:00pm Friday with following Sat. rental)	\$100.00
Hall Rental (weekday 4hrs or less)	\$100.00
Group Golf Rates	As Set by the Following Table

# Rounds Per Event	9 Holes	18 Holes
0-25	Regular Rates	Regular Rates
26-50	\$12.00 / Round	\$15.00 / Round
51-99	\$9.00 / Round	\$10.00 / Round
100+	\$8.00 / Round	\$9.00 / Round

Library

Late Borrowing Fees	
Print Materials per day	\$0.10
Audiobooks, DVDs per day	\$1.00
Sale of Designated Library Materials	
Used Book	\$0.25
Used Magazine	\$0.10
Used Audio, VHS, DVD	\$1.00
Earbuds	\$1.50
Printing, Scan, Fax per page	
B&W photocopy or computer print	\$0.20
Color photocopy or computer print	\$0.40
Scan to email or print	\$1.00
Domestic fax	\$1.00
International fax	\$3.00
Replacements per item	
Damaged or missing material	full replacement cost
Library card	\$1.00
Barcode or label	\$1.00
Pocket	\$1.00
Security Card	\$2.00
Single DVD Case	\$2.00
Double DVD Case	\$4.00

Multiple DVD case	\$5.00	
Single CD Case	\$2.00	
Double CD Case	\$4.00	
Large CD Case	\$5.00	
CD sleeves	\$1.00	
10-12" dust jacket	\$1.25	
DVD Paper cover	\$2.00	
Missing book cover or page	\$3.00	
3" Book Tape	\$2.00	
4" Book Tape	\$3.00	
Special Processing for damaged or missing material	\$7.00	
Meeting Room		
Fee, non-profit organization	\$10.00	
Fee, profit organization	\$25.00	
Damage Deposit	\$25.00	
Room Rental Damage	Full replacement cost & labor	
Interlibrary Loan		
Postage	\$1.25	

Police

Administrative Fee	\$30.00	
Alarm Business Permit Application	\$75.00	4-7-6
Alarm Business Permit Renewal	\$75.00	4-7-9
False Alarm Equip Malfunction (after 3)	\$75.00	4-7-16
False Alarm	\$75.00	4-7-16
Building Escorts (per car)	\$75.00	5-1-3
Cat License – Not Neutered/Spayed (per year)	\$20.00	8-4-2
Neutered/Spayed (per year)	\$10.00	
Dog License – Not Neutered/Spayed (per year)	\$20.00	8-3-2
Neutered/Spayed (per year)	\$10.00	
Fingerprinting	\$10.00	
Impound/Storage Fee (per day)	\$30.00	8-6-5
Impound Storage Fee – felony related (per day)	\$50.00	
Parking Fine	\$15.00	9-11-4
Police Escort Fee – per hour, per unit	\$75.00	5-1-3
Emergency Response and/or Cleanup of Material (per hour)		
Police Vehicle (per vehicle)	\$75.00	

King's Pointe Outdoor Aquatic Center

Family Season Pass	\$275.00
(up to 5 family members can be included on Pass, Children 4 and under need not be on pass, as they are free.)	
Up to 4 additions of children 5-12 years old @\$55 each	
Single Season Pass (children and adults)	\$150.00
Adult BV Resident Daily Pass (Age 12+)	\$8.00
Child BV Resident Daily Pass (Age 5-11)	\$5.00

Children (Age 5-11) Standard Pricing	\$12.00
Adults (Age 12+) Standard Pricing	\$15.00
4 and under	free
Twilight Pricing (after 3:00)	
Age 12+	\$7.50
Age 5-11	\$6.00
Age 0-4	free
Land Lovers	\$5.00
Swim Lessons	\$40.00

Roadway Maintenance

Concrete Breaking (per sq ft)	\$2.50
Concrete Sawing (per ft)	\$3.75
Street Cuts (per sq yard of concrete)	\$37.00

Sewer

Sewer Svc Permit & Connection Fee	\$150.00	3-2-4
Private Wastewater System Permit	\$50.00	3-2-3

Shelter House

Rental Fee - Mon. – Thurs., per side	\$55.00
Rental Fee - Fri., Sat., & Sun., per side	\$80.00
Damage Deposit – per side	\$100.00
AWAYSIS Pavilions – per time slot (3 times available)	\$25.00
Frank Starr Park Open Shelter – per time slot (2 times available)	\$50.00
Campground Open Shelter – per time slot (2 time slots available)	\$50.00
AWAYSIS Great Lawn – per day	\$200.00
Band Shell – per day	\$25.00

Water

Door Tag Fee	\$20.00	3-5-3
Meter Testing Fee (within 2%)	\$50.00	3-4-20
Shut Off – 8 AM to 3 PM	\$50.00	3-4-19 & 3-5-3
Shut Off – After 3 PM	\$75.00	3-4-19 & 3-5-3
Water Svc Permit & Connect Fee	\$150.00	3-4-5
Water Tapping Fee (per inch)	\$65.00	3-4-5
Outside City Limits Hook-up Fee	\$1,500.00	3-4-6
Combined Utility Deposit	\$160.00	
Bulk Water Sales Access Card	\$10.00	

PASSED AND APPROVED this 20th day of January, 2020.

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk

Condominium Entrance Road Project - Moved by Council Member Ibarra to adopt Resolution No. 44-R-2019-2020 approving Change Order No. 2 for Condominium Entrance Road project . This change order will extend the date of the concrete work to start after March 1, 2020 and also extends the date of substantial completion to May 31, 2020 and the date of final payment to June 30, 2020. Seconded by Council Member Smith. Roll call vote: All ayes with Council Member Rice absent. Motion carried.

RESOLUTION NO. 44-R-2019-2020

RESOLUTION APPROVING CHANGE ORDER NO. TWO TO THE CONDOMINIUM ENTRANCE PROJECT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF STORM LAKE, IOWA:

Section 1. To approve Change Order No. 2 to the contract with Healy, of Lake View, Iowa for the Condominium Entrance Project.

Change Order No. 2 extends the date of concrete work to start after March 1, 2020. Extends the date of substantial completion to May 31, 2020 and the date of final payment to June 30, 2020.

The total cost of the contract including Change Order No. 2 is \$260,547.43.

PASSED AND APPROVED this 20th day of January, 2020.

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk

4th and Barton SW Improvement Project – Moved by Council Member McKinney to approve setting a public hearing February 3rd, 2020 at 5:00 pm in City Hall Council Chambers for the 4th & Barton Storm Sewer Improvements Project Plans, Specifications and Form of Contract. Seconded by Council Member Ibarra. Vote: All ayes with Council Member Rice absent. Motion carried.

Tax Levy - Moved by Council Member Ramos to approve setting a public hearing February 3rd, 2020 at 5:00 pm in City Hall Council Chambers for setting Tax Levy Rate and Maximum Property Tax Dollars. Seconded by Council Member Ibarra. Vote: All ayes with Council Member Rice absent. Motion carried.

City Council Requested Items – None at this time

Recess at 5:58 pm and Reconvened at 6:02 pm

Work Session- Capital Improvement Plan - City Council and Staff reviewed the Capital Improvement Plan. One comment from the public was from Andriette Wickstrom suggesting that if any trail was going to be replaced that it should be replaced with asphalt.

Adjourn - Moved by Council Member McKinney to adjourn at 7:06 pm. Seconded by Council Member Ibarra. Vote: All ayes with Council Member Rice absent. Motion carried.

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk



Storm Lake, IA

My Buy Local_v1

Payment Date Range: 01/23/2020 - 02/05/2020

Vendor Name	Buy Local Info	Payable Description	Total Payments
BVC			
Control Systems Specialists, LLC	BVC	MUA Unit Repairs- Headworks	543.67
Eagles Bend Inc	BVC	Sandblast & Repairs to Mowers	400.00
Buena Vista County Solid Waste	BVC	Recycling	62.40
	BVC Total:	1,006.07	
Contract/Agreement			
Bolton & Menk, Inc	Contract/Agreement	Design Services through 12/31/2019	8,346.00
Local Government Professionals Services, LLC	Contract/Agreement	Grant Administration	2,000.00
Emmons & Olivier Resources, Inc	Contract/Agreement	Engineering Services through 1/16/2020	2,507.15
	Contract/Agreement Total:	12,853.15	
Local			
King's Pointe Resort	Local	June to December 2019 Cottage Expenses	5,295.70
Bomgaars Supply, Inc	Local	Supplies	1,335.04
Arnold Motor Supply, LLP	Local	Supplies	1,224.77
Deere Credit, Inc	Local	Defrost Repairs	872.01
Larson Oil & Distributing Co, Inc	Local	Oil for Clarifiers	533.90
King's Pointe Resort	Local	Prosser Retirement Event	463.80
Michael Rust	Local	Muck Boots- Kane & Seth	319.90
Fastenal Company	Local	Supplies	277.77
WalMart #01-1526	Local	Supplies	238.45
Qwest Corporation	Local	Phone Service	206.99
Paxtons Jewelry	Local	Engraving Services	170.00
Storm Lake Rotary	Local	4th Qtr Membership	125.00
JNB Acquisition Corporation	Local	Copier Maintenance Agreement	96.19
Vetter Equipment	Local	Fittings & Supplies	93.15
JNB Acquisition Corporation	Local	Copier Maintenance Agreement	91.80
Edwards Storm Lake	Local	Services	89.61
Rohr Manufacturing Services, Ltd	Local	Extinguisher Services	85.80
Storm Lake Hydraulics Co, Inc	Local	Hyd Hose & Supplies	69.98
Vetter Equipment	Local	Supplies	65.02
Rust Publishing NWIA, LLC	Local	FY2020 Subscription- PD	65.00
Fastenal Company	Local	Supplies	51.21
Rent-All, Inc	Local	Pump Rental	45.00
Builders FirstSource Inc	Local	Supplies	37.22
Fastenal Company	Local	Safety Glasses	34.67
Fareway Stores, Inc	Local	Supplies	27.92
Fastenal Company	Local	Supplies	24.95
Michael P. Reinert	Local	Tube	19.50
Iowa Office Supply Inc	Local	Supplies	18.95
Paxtons Jewelry	Local	Name Plates	16.25
Plumbing & Heating Wholesale, Inc	Local	Supplies	13.41
Fastenal Company	Local	Supplies	21.98
Plumbing & Heating Wholesale, Inc	Local	Supplies	7.53
	Local Total:	12,038.47	
Non-Local			
Eastern Aviation Fuels, Inc	Non-Local	Jet A Fuel	18,438.41
Maestro PMS	Non-Local	KP PMS System Performance Payment	17,207.50
Mississippi Lime Company	Non-Local	Lime	16,785.06
Qualified Presort Service, LLC	Non-Local	Printing Services	1,499.84
Praxair Inc	Non-Local	Carbon Dioxide	1,354.38
Foundation Analytical Laboratory, Inc	Non-Local	Testing Services	1,034.55
Utility Equipment Co	Non-Local	Clamps	988.51
Vessco, Inc	Non-Local	Gaskets & Plates	758.29

My Buy Local_v1

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US Peroxide, LLC	Non-Local	Facility & Maintenance Agreement	750.00
Mitchell Nasers	Non-Local	Lime Hauling Services	528.06
Qualified Presort Service, LLC	Non-Local	Printing Services	473.89
Hach Company	Non-Local	Service Agreement	467.00
W. W. Grainger, Inc	Non-Local	Relays	443.49
Iowa Prison Industries	Non-Local	Workstation & Stands	427.90
Istate Truck, Inc	Non-Local	Blower/Heater Assembly	405.59
Foundation Analytical Laboratory, Inc	Non-Local	Testing Services	367.00
Central Iowa Distributing, Inc	Non-Local	Cleaning Supplies	339.00
Foundation Analytical Laboratory, Inc	Non-Local	Testing Services	304.55
Central Iowa Distributing, Inc	Non-Local	Cleaning Supplies	301.60
Twin Rivers Media, LLC	Non-Local	Advertising	300.00
On-Target Solutions Group, Inc	Non-Local	Seminar- Diekman	275.00
Magline Inc	Non-Local	Controller- Less Tax	272.88
Central Iowa Distributing, Inc	Non-Local	Cleaning Supplies	271.00
Dale Vitito	Non-Local	Uniforms	261.89
Davis Equipment Corporation	Non-Local	Supplies	244.54
Qualified Presort Service, LLC	Non-Local	Printing Services	208.30
Fast Lane Motor Parts LLC	Non-Local	Vehicle Cleaning Supplies	176.94
W. W. Grainger, Inc	Non-Local	Tablets & Supplies	160.04
James M. Sweeney & Associates, Inc	Non-Local	Background Checks	149.00
Alpha Wireless Communications	Non-Local	Battery Pack	143.00
Keller Plumbing, Heating, & Air LLC	Non-Local	Thermostat Repairs	117.44
Region 21 USPCA	Non-Local	4/5/2020 Conference Registration- McDonald	100.00
Central Iowa Distributing, Inc	Non-Local	Cleaning Supplies	88.00
University Enterprises, Inc	Non-Local	Enrollment- Muniz	75.00
Dale Vitito	Non-Local	Uniform	72.94
Evertex, Inc	Non-Local	Internet Services	62.07
Ahlers & Cooney, P.C.	Non-Local	Legal Service- URA	38.00
Steven A Beeck	Non-Local	Window Cleaning Services	37.00
Regional Transit Authority	Non-Local	2nd Qtr FY2020 Rides	29.00
Non-Local Total:		65,956.66	
Payroll/Refunds			
Helen Marilyn Mittelstadt	Payroll/Refunds	2020 Sanitary Servie Agreement	5,000.00
Keri Navratil	Payroll/Refunds	North Racoon Watershed Travel	222.51
Payroll/Refunds Total:		5,222.51	
Grand Total:		97,076.86	

King's Pointe Resort

Claims Publication

From 1/16/2020 to 1/30/2020

Vendor	Description	Amount
Weigand Omega Management Payroll 1/22/2020	Payroll \$	53,036.36
CenterPoint Energy Services, Inc	Utility \$	9,342.19
City of Storm Lake- Water Dept.	Utility \$	154.26
HyVee	Food \$	30.96
Iowa Sportsman	Advertising \$	300.00
M3 Accounting + Analytics	Services \$	704.21
Mediacom	Utility \$	472.90
Orkin, 536-Sioux City, IA	Services \$	418.26
Bottling Group, LLC dba Pepsi Beverages Company	Beverages \$	1,154.97
Weigand-Omega Management Fee	Management Fee \$	13,372.94
360 Custom Designs, LLC	Services \$	713.96
ACCO Unlimited Corporation	Supplies \$	4,112.10
Alpha Wireless Communications Co.	Services \$	417.00
American Hotel Register Company	Supplies \$	1,888.44
American Red Cross	Supplies \$	190.00
Booking.com B.V.	Services \$	186.75
Buena Vista Regional Medical Center	Services \$	92.00
Builders FirstSource Inc	Supplies \$	542.77
Cintas Corporation	Supplies \$	2,885.18
Cintas Corporation No. 2	Supplies \$	102.67
Color-ize	Supplies \$	1,087.07
CTS Systems, Inc.	Supplies \$	12.51
Daniels Filter Service	Supplies \$	564.07
DayMark	Supplies \$	56.74
Deluxe Branded Marketing	Services \$	190.00
ECOLAB	Supplies \$	1,870.89
Fastenal Company	Supplies \$	230.30
Ferguson Enterprises Enterprises Inc #1657	Supplies \$	389.27
Fox World Travel	Services \$	10.71
Frigitec Inc.	Services \$	129.92
Grainger	Supplies \$	992.49
GuestSupply	Supplies \$	394.56
Hermel Wholesale	Food \$	2,659.47
HyVee	Food \$	216.13
Julius Cleaners	Services \$	131.80
Kaleidoscope Marketing	Services \$	531.25
Kelli's Gift Shop Suppliers	Supplies \$	121.99
KTIV Television Inc.	Advertising \$	2,807.00
Lakeshore Cyclery, Inc.	Supplies \$	1,387.92
Loews Carpet One	Services \$	124.32
Melanders	Supplies \$	215.00
Pat Schiltz	Reimbursement \$	100.00
Midwestern Mechanical of Iowa, Inc.	Services \$	2,066.31
Nelson's Premix and Vet Supply	Supplies \$	35.68
Office Elements	Supplies \$	1,011.14
Michael P. Reinert dba Olsen Welding & Machine	Services \$	260.00
Oracle America, Inc.	Services \$	3,187.20
Pilot Tribune	Advertising \$	35.48

Plumbing and Heating Wholesale, Inc.	Supplies	\$	272.87
Quore Systems, LLC	Services	\$	570.00
Rebnord Technologies, Inc.	Services	\$	2,762.48
Sceptre Hospitality Resources, LLC	Supplies	\$	2,245.38
Schumacher Elevator Company	Services	\$	682.00
South Central Communications Corporation	Services	\$	99.75
Speed's Auto Supply Inc.	Services	\$	396.62
Steven A. Beeck dba Steve's Window Service	Services	\$	123.05
David T. Stokes	Services	\$	50.00
Storm Lake Community School District	Services	\$	500.00
Storm Lake Times	Advertising	\$	1,101.45
Storm Lake United	Services	\$	120.00
Sysco Iowa, Inc.	Food	\$	4,641.96
Travel and Transport, Inc.	Services	\$	119.80
Trip Tease, Inc.	Services	\$	1,630.98
UPS	Services	\$	17.48
Verizon Wireless	Utility	\$	167.87
Vista Paints	Supplies	\$	618.92
Vizergy	Services	\$	1,412.72
Wells Fargo Financial Leasing, Inc.	Services	\$	235.18
Western Iowa Tourism Region	Services	\$	25.00
Martin Brothers	Food	\$	9,555.34
BevSpot	Services	\$	348.00
Shift 4	Services	\$	125.08
Doll Distributing	Beverages	\$	519.10
Johnson Brothers	Beverages	\$	106.30
Alliant Energy	Utility	\$	426.35
			\$ 128,730.65

Applicant License Application (LC0040713)

Name of Applicant: <u>Lakeshore Cafe Inc.</u>		
Name of Business (DBA): <u>Lakeshore Cafe & Jimmy's Bar & Grill</u>		
Address of Premises: <u>1520 N. Lake Ave.</u>		
City <u>Storm Lake</u>	County: <u>Buena Vista</u>	Zip: <u>50588</u>
Business <u>(712) 732-9800</u>		
Mailing <u>1520 N. Lake Ave.</u>		
City <u>Storm Lake</u>	State <u>IA</u>	Zip: <u>50588</u>

Contact Person

Name Terry Zimmerman
Phone: (712) 299-9800 Email lkshore1@gmail.com

Classification Class C Liquor License (LC) (Commercial)

Term:12 months

Effective Date: 03/18/2020

Expiration Date: 03/17/2021

Privileges:

Catering Privilege

Class C Liquor License (LC) (Commercial)

Outdoor Service

Sunday Sales

Status of Business

BusinessType: <u>Privately Held Corporation</u>	
Corporate ID Number: <u>XXXXXXXXXX</u>	Federal Employer ID <u>XXXXXXXXXX</u>

Ownership

Terry Zimmerman

First Name: <u>Terry</u>	Last Name: <u>Zimmerman</u>	
City: <u>Storm Lake</u>	State: <u>Iowa</u>	Zip: <u>50588</u>
Position: <u>Manager</u>		
% of Ownership: <u>49.00%</u>	U.S. Citizen: Yes	

Lesa Eddie

First Name: <u>Lesa</u>	Last Name: <u>Eddie</u>	
City: <u>Storm Lake</u>	State: <u>Iowa</u>	Zip: <u>50588</u>
Position: <u>none</u>		
% of Ownership: <u>29.00%</u>	U.S. Citizen: Yes	

David Lange

First Name: <u>David</u>	Last Name: <u>Lange</u>
---------------------------------	--------------------------------

City: Storm Lake **State:** Iowa **Zip:** 50588
Position: none
% of Ownership: 15.00% **U.S. Citizen:** Yes
Kyle Eddie
First Name: Kyle **Last Name:** Eddie
City: Storm Lake **State:** Iowa **Zip:** 50588
Position: Asst. Manager
% of Ownership: 7.00% **U.S. Citizen:** Yes

Insurance Company Information

Insurance Company: <u>United Fire & Casualty Company</u>	
Policy Effective Date:	Policy Expiration
Bond Effective	Dram Cancel Date:
Outdoor Service Effective	Outdoor Service Expiration
Temp Transfer Effective	Temp Transfer Expiration Date:

M E M O R A N D U M

TO: MAYRA MARTINEZ

FROM: CHRIS COLE

DATE: January 13, 2020

REFERENCE: LIQUOR LICENSE RENEWAL
LAKESHORE CAFÉ AND ZIMMY'S BAR AND GRILL
1520 N LAKE AVE

Discussion: Per your request I have accessed the department computer for calls of interest to the aforementioned establishment. The calls are as follows:

	1-6-2018 to 1-15-2019	1-16-2019 to 1-10-2020
INCIDENTS		
911 Hang up call	0	2
Accident	2	0
Ambulance Call	2	1
Business Security	13	5
Fight	1	0
Hit and Run Prop Damage	1	0
Keys Locked In Car	3	1
Meeting	3	0
Motorist Assist	1	0
PR/Talk/Presentation	8	5
Station Assignment	3	1
Vehicle Stop	10	5

ARRESTS

Assault	1	0
Disorderly Conduct	2	0

Recommendation: Approval of liquor license.

Staff Summary

2/3/2020

Agenda Item # B.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Mayra Martinez, City Clerk

SUBJECT: **Buy Local Information**

BACKGROUND: Early in 2011 during a Study Session discussion Council asked staff to look at putting together some analysis information regarding the amount of purchases made locally. We have pulled that information together and a provided a summary of purchases identified in the current list of bills to be approved that are purchased locally (within the City of Storm Lake), within Buena Vista County, and outside of Buena Vista County are presented here for Council's review. This information is presented for both the City and King's Pointe's bills.

As the reader reviews the information they should note the following key notes:

- Costs associated with any major capital project (those bid under the State of Iowa Bid Law) are excluded from the calculation
- Costs associated with travel is excluded from the calculation and %
- In some cases there is only one vendor or an item is only available from vendors outside of the City limits and/or Buena Vista County – we have not identified these
- Some departments have fairly minor budgets and a major purchase can skew the % and or amount for a given review period (For Example: the Airport may have normally \$4,000 - \$6,000 in expenses until they purchase Jet Fuel or Av Gas which can be \$10,000 + and as a vendor who is not local this can skew the information for that review period)
- Local has been determined to be has an office front in the area and based on where the office front is located for local vs. BV County (For Example: Wal-Mart is considered local since they have a store in Storm Lake even though their

headquarters is not located here)

As with all analytical data it is possible to interpret the numbers in a variety of ways and as we move forward we would be happy to provide further detail and or revise the way in which we show the data. Likewise if you have any questions or concerns please don't hesitate to contact city staff.

FISCAL IMPACT:

Breakout	Calculated Expenses
Buena Vista County	\$ 1,006.07
Contract/Agreement	\$ 12,853.15
Local	\$ 12,038.47
Non- Local	\$ 65,956.66
Payroll/Refunds/Pyrl Tax & Ins	\$ 372,209.34
Total Expenses	\$ 464,063.69
Supporting Documents Attached	

RECOMMENDATION: Review Buy Local Information

ATTACHMENTS:

Description	Type
 List of Bills	List of Bills
 Project Activity Report	List of Bills



Storm Lake, IA

My Buy Local_v1

Payment Date Range: 01/23/2020 - 02/05/2020

Vendor Name	Buy Local Info	Payable Description	Total Payments
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Keri Navratil	Payroll/Refunds	North Racoon Watershed Travel	222.51
Payroll/Refunds Total:		5,222.51	
Grand Total:		97,076.86	



Storm Lake, IA

Project Activity vs Budget Report

By Project Number

Date Range: 01/23/2020 - 02/05/2020

Project Number	Project Name	Group	Type	Status			
01112-0019	WasteWater Treatment Facility Wetlands	National Resiliency Disaster Grant Projects	Federal/State Grant	Active			
Expenses							
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100001-01	WWTP Construction	990,054.00	68,279.58	0.00	0.00	0.00	990,054.00
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100001-02	WWTP Engineering	195,000.00	0.00	175,644.39	1,602.75	177,247.14	17,752.86
GL Account Number	GL Account Name	Post Date	Description	Vendor Name	Item Number	Activity	
621-8065-09-6499	Contractual Services	02/03/2020	Engineering Services through 1/16/2020	Emmons & Olivier Resources, Inc	01112-0019-37	1,602.75	
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100001-03	WWTP Legal/Admin	10,635.00	0.00	8,035.72	0.00	8,035.72	2,599.28
01112-0019 Total:		1,195,689.00	68,279.58	183,680.11	1,602.75	185,282.86	1,010,406.14
Project Number	Project Name	Group	Type	Status			
01112-0020	10th & Ontario StormWater Improvements	National Resiliency Disaster Grant Projects	Federal/State Grant	Active			
Expenses							
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100002-01	10th & Ontario Construction	1,432,754.21	0.00	1,415,713.94	0.00	1,415,713.94	17,040.27
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100002-02	10th & Ontario Engineering	313,500.00	0.00	313,480.12	0.00	313,480.12	19.88
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100002-03	10th & Ontario Legal/Admin	7,500.00	0.00	4,803.12	0.00	4,803.12	2,696.88
01112-0020 Total:		1,753,754.21	0.00	1,733,997.18	0.00	1,733,997.18	19,757.03
Project Number	Project Name	Group	Type	Status			
01112-0021	4th & Oats StormWater Improvements	National Resiliency Disaster Grant Projects	Federal/State Grant	Active			
Expenses							
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100003-01	4th & Oats Construction	684,980.15	0.00	0.00	0.00	0.00	684,980.15
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100003-02	4th & Oats Engineering	137,000.00	0.00	119,502.86	354.90	119,857.76	17,142.24
GL Account Number	GL Account Name	Post Date	Description	Vendor Name	Item Number	Activity	

Project Activity vs Budget Report

Date Range: 01/23/2020 - 02/05/2020

621-8065-09-6499		Contractual Services		02/03/2020	Engineering Services through 1/16/2020		Emmons & Olivier Resources, Inc		01112-0021-33	354.90
Account Key		Account Name		Total Budget		Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100003-03		4th & Oats Legal & Admin		15,500.00		0.00	14,128.56	0.00	14,128.56	1,371.44
01112-0021 Total:				837,480.15		0.00	133,631.42	354.90	133,986.32	703,493.83
Project Number		Project Name		Group		Type		Status		
16-19284		4th & Barton Storm Water Improvements		National Resiliency Disaster Grant Projects		Federal/State Grant		Active		
Expenses						Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
Account Key		Account Name		Total Budget		Budget	Balance			
62100004-02		4th & Barton SW Improvements		118,500.00		0.00	63,786.50	0.00	63,786.50	54,713.50
Account Key		Account Name		Total Budget		Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100004-03		4th & Barton Legal/Admin		7,500.00		0.00	4,803.12	0.00	4,803.12	2,696.88
16-19284 Total:				126,000.00		0.00	68,589.62	0.00	68,589.62	57,410.38
Project Number		Project Name		Group		Type		Status		
18-CF-004		United Community Health Service Center		Economic Development		Grant		Active		
Expenses						Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
Account Key		Account Name		Total Budget		Budget	Balance			
30100005-01		UHC Service Center- Construction		580,000.00		58,000.00	224,135.00	0.00	224,135.00	355,865.00
Account Key		Account Name		Total Budget		Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
30100005-03		UHC Service Center- Admin		20,000.00		2,000.00	4,007.60	2,000.00	6,007.60	13,992.40
GL Account Number		GL Account Name		Post Date	Description	Vendor Name		Item Number		Activity
301-6900-08-6799		Undesignated Capital		02/03/2020	Grant Adminstration	Local Government Professionals S...		2020-SC-0007		2,000.00
18-CF-004 Total:				600,000.00		60,000.00	228,142.60	2,000.00	230,142.60	369,857.40
Project Number		Project Name		Group		Type		Status		
19-22797		Memorial Lift Station Improvements		Sanitary Sewer Projects		Construction		Active		
Expenses						Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
Account Key		Account Name		Total Budget		Budget	Balance			
61100002-01		Memorial LS Improvement- Construction		61,835.00		6,183.50	0.00	0.00	0.00	61,835.00
Account Key		Account Name		Total Budget		Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
61100002-02		Memorial LS Improvement- Engineering		323,000.00		32,300.00	55,350.00	0.00	55,350.00	267,650.00
Account Key		Account Name		Total Budget		Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
61100002-03		Memorial LS Improvement- Legal/Admin		18,800.00		1,880.00	0.00	0.00	0.00	18,800.00
19-22797 Total:				403,635.00		40,363.50	55,350.00	0.00	55,350.00	348,285.00
Project Number		Project Name		Group		Type		Status		
35665		1st & Mae Street		National Resiliency Disaster Grant Projects		Federal/State Grant		Active		
Expenses										

Project Activity vs Budget Report

Date Range: 01/23/2020 - 02/05/2020

Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining	
62100006-01	1st & Mae SW Construction	674,382.59	0.00	608,824.64	0.00	608,824.64	65,557.95	
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining	
62100006-02	1st & Mae SW Engineering	180,000.00	0.00	108,490.69	0.00	108,490.69	71,509.31	
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining	
62100006-03	1st & Mae SW Legal/Admin	13,500.00	0.00	10,803.13	0.00	10,803.13	2,696.87	
35665 Total:		867,882.59	0.00	728,118.46	0.00	728,118.46	139,764.13	
Project Number	Project Name	Group	Type		Status			
8406	7th & Geneseo St Sanitary Sewer Improvements	National Resiliency Disaster Grant Projects	Federal/State Grant		Active			
Expenses	Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
	62100008-01	7th & Geneseo Construction	348,446.35	0.00	348,446.35	0.00	348,446.35	0.00
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining	
62100008-02	7th & Geneseo Engineering	45,360.00	0.00	45,360.00	0.00	45,360.00	0.00	
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining	
62100008-03	7th & Geneseo Legal/Admin	16,500.00	0.00	13,803.13	0.00	13,803.13	2,696.87	
8406 Total:		410,306.35	0.00	407,609.48	0.00	407,609.48	2,696.87	
Project Number	Project Name	Group	Type		Status			
A21.117315	Casino Lift Station Odor Control Improvements	Sanitary Sewer Projects	Construction		Active			
Expenses	Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
	61100001-01	Casino LS Odor Control- Construction	188,654.58	208.88	185,104.58	0.00	185,104.58	3,550.00
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining	
61100001-02	Casino LS Odor Control- Engineering	70,000.00	0.00	70,870.00	0.00	70,870.00	-870.00	
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining	
61100001-03	Casino LS Odor Control- Legal/Admin	0.00	0.00	2,699.06	0.00	2,699.06	-2,699.06	
A21.117315 Total:		258,654.58	208.88	258,673.64	0.00	258,673.64	-19.06	
Project Number	Project Name	Group	Type		Status			
New	Highway 7/110 Traffic Lane/Signalization	Street Construction	Construction		Active			
Expenses	Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
	30100006-01	HWY 7/110 Traffic Control- Construction	1,192,000.00	85,142.86	0.00	0.00	0.00	1,192,000.00
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining	

Project Activity vs Budget Report

Date Range: 01/23/2020 - 02/05/2020

30100006-02	HWY 7/110 Traffic Control- Engineering	298,000.00	21,285.72	0.00	0.00	0.00	298,000.00
New Total:		1,490,000.00	106,428.58	0.00	0.00	0.00	1,490,000.00

Project Number	Project Name	Group	Type	Status			
New 2	FEMA Lake Bank Restoration	Economic Development	Federal/State Grant	Active			
Expenses							
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
30100007-02	Lake Bank Restoration- Engineering	48,690.00	6,492.00	22,657.50	0.00	22,657.50	26,032.50
New 2 Total:		48,690.00	6,492.00	22,657.50	0.00	22,657.50	26,032.50

Project Number	Project Name	Group	Type	Status			
New 7	Tulip Lane SW Improvements	National Resiliency Disaster Grant Projects	Federal/State Grant	Active			
Expenses							
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100009-02	Tulip Lane SW Imp- Engineering	48,965.00	1,847.74	0.00	0.00	0.00	48,965.00
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100009-03	Tulip Lane SW Imp- Legal/Admin	3,437.50	129.72	0.00	0.00	0.00	3,437.50
New 7 Total:		52,402.50	1,977.46	0.00	0.00	0.00	52,402.50

Project Number	Project Name	Group	Type	Status			
P11.106893	Richland Street Rehabilitation	Street Construction	Construction	Active			
Expenses			Date Range	Beginning		Ending	Budget
Account Key	Account Name	Total Budget	Budget	Balance	Total Activity	Balance	Remaining
30100001-01	Richland St Construction	464,969.30	0.00	464,969.30	0.00	464,969.30	0.00
			Date Range	Beginning		Ending	Budget
Account Key	Account Name	Total Budget	Budget	Balance	Total Activity	Balance	Remaining
30100001-02	Richland St Engineering	84,180.00	0.00	75,253.25	0.00	75,253.25	8,926.75
P11.106893 Total:		549,149.30	0.00	540,222.55	0.00	540,222.55	8,926.75

Project Number	Project Name	Group	Type	Status			
P11.112742	North Central SW Phase II	National Resiliency Disaster Grant Projects	Federal/State Grant	Active			
Expenses			Date Range	Beginning		Ending	Budget
Account Key	Account Name	Total Budget	Budget	Balance	Total Activity	Balance	Remaining
62100007-01	NCSW Ph II Construction	1,595,092.00	0.00	1,595,092.00	0.00	1,595,092.00	0.00
Account Key	Account Name	Total Budget	Date Range	Beginning		Ending	Budget
62100007-02	NCSW Ph II Engineering	273,000.00	Budget	Balance	Total Activity	Balance	Remaining
Account Key	Account Name	Total Budget	Date Range	Beginning		Ending	Budget
62100007-03	NCSW Ph II Admin/Legal	7,500.00	Budget	Balance	Total Activity	Balance	Remaining
P11.112742 Total:		1,875,592.00	0.00	1,851,897.38	0.00	1,851,897.38	23,694.62

Project Number	Project Name	Group	Type	Status
P11.113934	3rd Addition Phase III	Economic Development	Construction	Finished
Expenses				

Project Activity vs Budget Report

Date Range: 01/23/2020 - 02/05/2020

Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
12500001-01	3rd Addition Ph III Construction	465,050.20	0.00	465,050.20	0.00	465,050.20	0.00
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
12500001-02	3rd Addition Ph III- Engineering	50,500.00	0.00	79,228.00	0.00	79,228.00	-28,728.00
P11.113934 Total:		515,550.20	0.00	544,278.20	0.00	544,278.20	-28,728.00
Project Number	Project Name	Group	Type	Status			
P11.115917	Memorial Park Water Quality	National Resiliency Disaster Grant Projects	Federal/State Grant	Finished			
Expenses	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100005-02	Memorial Park WQ Engineering	43,239.50	2,982.04	43,239.50	0.00	43,239.50	0.00
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
62100005-03	Memorial Park WQ Legal/Admin	4,836.53	333.56	4,836.53	0.00	4,836.53	0.00
P11.115917 Total:		48,076.03	3,315.60	48,076.03	0.00	48,076.03	0.00
Project Number	Project Name	Group	Type	Status			
P11.117908	Michigan Street Parking Lot Reconstruction	Street Construction	Construction	Active			
Expenses	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
30100003-01	Michigan St Parking Construction	326,907.00	40,863.38	311,543.00	0.00	311,543.00	15,364.00
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
30100003-02	Michigan St Parking Engineering	82,390.00	10,298.76	111,326.50	3,646.00	114,972.50	-32,582.50
GL Account Number	GL Account Name	Post Date	Description	Vendor Name	Item Number	Activity	
301-6900-08-6799	Undesignated Capital	02/03/2020	Construction Services through 12/31/2019	Bolton & Menk, Inc	0244816	3,646.00	
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
30100003-03	Michigan St Parking Legal/Admin	0.00	0.00	4,786.40	0.00	4,786.40	-4,786.40
P11.117908 Total:		409,297.00	51,162.14	427,655.90	3,646.00	431,301.90	-22,004.90
Project Number	Project Name	Group	Type	Status			
P11.118940	Oneida Street Reconstruction from RR to Milw	Street Construction	Construction	Active			
Expenses	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
30100004-02	Oneida to Milwaukee Eng	388,300.00	27,735.72	183,973.50	0.00	183,973.50	204,326.50
P11.118940 Total:		388,300.00	27,735.72	183,973.50	0.00	183,973.50	204,326.50
Project Number	Project Name	Group	Type	Status			
T51.115389	Rehabilitate Connector Apron	Airport Projects	Federal/State Grant	Finished			
Expenses	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining

Project Activity vs Budget Report

Date Range: 01/23/2020 - 02/05/2020

30100002-01	Apron Rehab- Construction	75,492.00	0.00	75,492.00	0.00	75,492.00	0.00
Account Key	Account Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
30100002-02	Apron Rehab- Engineering	28,695.50	0.00	28,695.50	0.00	28,695.50	0.00
T51.115389 Total:		104,187.50	0.00	104,187.50	0.00	104,187.50	0.00

Project Number	Project Name	Group		Type	Status			
T51.119823	Runway 13/31 & Taxiway Lighting	Airport Projects		Construction	Active			
Expenses				Date Range	Beginning	Ending	Budget	
Account Key	Account Name		Total Budget	Budget	Balance	Total Activity	Balance	Remaining
30100008-02	Runway 13/31 & Taxiway- Engineering		97,900.00	13,985.72	0.00	4,700.00	4,700.00	93,200.00
GL Account Number	GL Account Name	Post Date	Description		Vendor Name	Item Number		Activity
301-6900-08-6799	Undesignated Capital	02/03/2020	Design Services through 12/31/2019		Bolton & Menk, Inc	0244827		4,700.00
T51.119823 Total:			97,900.00	13,985.72	0.00	4,700.00	4,700.00	93,200.00

Summary

Project Summary							
Project Number	Project Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
01112-0019	WasteWater Treatment Facility Wetlan...	1,195,689.00	68,279.58	183,680.11	1,602.75	185,282.86	1,010,406.14
01112-0020	10th & Ontario StormWater Improvem...	1,753,754.21	0.00	1,733,997.18	0.00	1,733,997.18	19,757.03
01112-0021	4th & Oats StormWater Improvements	837,480.15	0.00	133,631.42	354.90	133,986.32	703,493.83
16-19284	4th & Bartion Storm Water Improvemen...	126,000.00	0.00	68,589.62	0.00	68,589.62	57,410.38
18-CF-004	United Community Health Service Center	600,000.00	60,000.00	228,142.60	2,000.00	230,142.60	369,857.40
19-22797	Memorial Lift Station Improvements	403,635.00	40,363.50	55,350.00	0.00	55,350.00	348,285.00
35665	1st & Mae Street	867,882.59	0.00	728,118.46	0.00	728,118.46	139,764.13
8406	7th & Geneseo St Sanitary Sewer Impro...	410,306.35	0.00	407,609.48	0.00	407,609.48	2,696.87
A21.117315	Casino Lift Station Ordor Control Impro...	258,654.58	208.88	258,673.64	0.00	258,673.64	-19.06
New	Highway 7/110 Traffic Lane/Signalization	1,490,000.00	106,428.58	0.00	0.00	0.00	1,490,000.00
New 2	FEMA Lake Bank Restoration	48,690.00	6,492.00	22,657.50	0.00	22,657.50	26,032.50
New 7	Tulip Lane SW Improvements	52,402.50	1,977.46	0.00	0.00	0.00	52,402.50
P11.106893	Richland Street Rehabilitation	549,149.30	0.00	540,222.55	0.00	540,222.55	8,926.75
P11.112742	North Central SW Phase II	1,875,592.00	0.00	1,851,897.38	0.00	1,851,897.38	23,694.62
P11.113934	3rd Addition Phase III	515,550.20	0.00	544,278.20	0.00	544,278.20	-28,728.00
P11.115917	Memorial Park Water Quality	48,076.03	3,315.60	48,076.03	0.00	48,076.03	0.00
P11.117908	Michigan Street Parking Lot Reconstruct...	409,297.00	51,162.14	427,655.90	3,646.00	431,301.90	-22,004.90
P11.118940	Oneida Street Reconstruction from RR t...	388,300.00	27,735.72	183,973.50	0.00	183,973.50	204,326.50
T51.115389	Rehabilitate Connector Apron	104,187.50	0.00	104,187.50	0.00	104,187.50	0.00
T51.119823	Runway 13/31 & Taxiway Lighting	97,900.00	13,985.72	0.00	4,700.00	4,700.00	93,200.00
Report Total:		12,032,546.41	379,949.18	7,520,741.07	12,303.65	7,533,044.72	4,499,501.69

Group Summary						
Group	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
Airport Projects	202,087.50	13,985.72	104,187.50	4,700.00	108,887.50	93,200.00
Economic Development	1,164,240.20	66,492.00	795,078.30	2,000.00	797,078.30	367,161.90
National Resiliency Disaster Grant Proje...	7,167,182.83	73,572.64	5,155,599.68	1,957.65	5,157,557.33	2,009,625.50
Sanitary Sewer Projects	662,289.58	40,572.38	314,023.64	0.00	314,023.64	348,265.94
Street Construction	2,836,746.30	185,326.44	1,151,851.95	3,646.00	1,155,497.95	1,681,248.35
Report Total:	12,032,546.41	379,949.18	7,520,741.07	12,303.65	7,533,044.72	4,499,501.69

Type Summary						
Group	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
Construction	4,112,486.08	239,884.54	2,010,153.79	8,346.00	2,018,499.79	2,093,986.29
Federal/State Grant	7,320,060.33	80,064.64	5,282,444.68	1,957.65	5,284,402.33	2,035,658.00
Grant	600,000.00	60,000.00	228,142.60	2,000.00	230,142.60	369,857.40
Report Total:	12,032,546.41	379,949.18	7,520,741.07	12,303.65	7,533,044.72	4,499,501.69

Staff Summary

2/3/2020

Agenda Item # C.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Chris Cole, Assistant Police Chief

SUBJECT: **SLPD City Code Enforcement**

BACKGROUND: 01-16-2020 to 01-29-2020
total contacts 29
Accumulation of junk 2
Junk vehicle 2
Snow removal 22
CCE 4
Citations 2

FISCAL IMPACT: None

RECOMMENDATION: No action necessary

Staff Summary

2/3/2020

Agenda Item # E.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Chris Cole, Assistant Police Chief

SUBJECT: **Motion Authorizing Noise Variance for Winterfest**

BACKGROUND: Attached to this summary is a written request from Storm Lake United for a noise variance to be issued for Winterfest February 7, 8 and 9 between the hours of 10AM and 5PM at Scout Park.

The variance is for anticipated noise coming from people outside participating in the events and potentially amplified music that will be played from inside the University REC Center.

Storm Lake United will submit the appropriate insurance certificate to the City prior to the event. .

FISCAL IMPACT: None

RECOMMENDATION: Pass motion contingent upon receipt of the proper insurance certificate.

ATTACHMENTS:

Description	Type
□ Permit	Permit



stormlake united

chamber | tourism | area development

Storm Lake Public Safety Department
Attn: Chief Chris Cole
401 East Milwaukee Ave
Storm Lake, IA 50588

Dear Chief Cole,

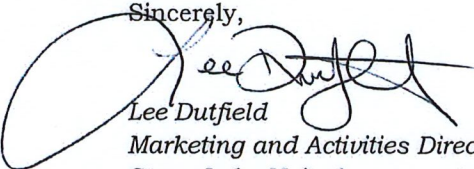
Storm Lake United would like to make requests for the following event: **Winterfest**

Winterfest is co-sponsored by Buena Vista University ("BVU") and Storm Lake United ("SLU"). BVU will host winter activities open to only BVU students on Friday, February 7th & Saturday, February 8th. On Sunday, February 9th winter activities will be open to the community. Activities scheduled are: Ice Skating, Snow Shoeing, Cross Country Skiing, Ice Bowling, Broom Ball and Ice Fishing. Equipment will be provided by BVU free of charge to participants except for ice fishing equipment. Holes will be pre-drilled for Ice Fishing in an enclosed area and participants will be required to have a valid fishing license. The event will be cancelled in the event of inclement weather or unsuitable ice conditions.

For Winterfest, Storm Lake United and Buena Vista University would like to request permission for the following:

- **Use of Scout Park from 10:00 am to 5:00 pm on February 7th, 8th & 9th.**
- **Request for a Noise Variance issued between the hours of 10:00 am and 5:00 pm for the Winterfest event on February 7th, 8th & 9th.**
- **One entity involved will purchase an insurance policy listing the other entities, including the City of Storm Lake, as additional insured (Storm Lake United will hold the overall insurance policy).**
- **For appropriate support from parks and public safety during the event.**

Sincerely,



Lee Dutfield
Marketing and Activities Director
Storm Lake United
Phone: 712-732-3780
Email: lee@stormlakeunited.com



**Public Safety
Police & Fire
PERMIT**

401 East Milwaukee Avenue
Storm Lake, Iowa
Phone: 712-732-8010
Email: publicsafety@stormlake.org

Event: Winterfest

Issued To:

Name: Lee Dutfield

Organization: Storm Lake United

Address: 119 West 6th Street Storm Lake Iowa 50588

Phone: 712 732-3780

Date(s) of Event: Feb 7th, 8th and 9th

Time(s) of Event: 10:00 AM to 5:00 PM

Expiration of Permit: Feb 10th

Location / Area
of Use:

Scout Park

Type of Permit

☒ Noise Variance (8-7-4)

☐ Ride/Run/Walk (9-13-4)

☐ Parade (9-13-4)

☐ Public Demonstration (8-7-4)

☐ Street Closing

☐ Fireworks (8-2-1(I2A))

☐ Authorized Burn (7-2-2-B)

☐ Other

Authorized by: Chris Cole

Date: 02-04-2020

Signature:

Please Print

Title: Chief of Police

Staff Summary

2/3/2020

Agenda Item # 3.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Scott Olesen, Building Official

SUBJECT: **Public Hearing for the 4th & Barton Storm Sewer Improvements Project Plans, Specifications and Form of Contract**

BACKGROUND: Eight NRDC-HUD funded projects were originally approved. The 4th & Barton Storm Sewer Improvements Project is one of the projects.

This project will include storm sewer, streets, permeable pavers and water main improvements. ISG is the engineer for the project.

Bid opening will be on February 13, 2020 with bid award scheduled at the Council meeting on February 17, 2020.

FISCAL IMPACT: The project is funded 75% by federal HUD money and 25% local match.

RECOMMENDATION: Open Public Hearing
Hear Public Comments
Close Public Hearing

ATTACHMENTS:

Description	Type
☐ Notice of Public Hearing	Backup Material
☐ Project Manual	Backup Material

NOTICE OF PUBLIC HEARING

NOTICE OF PUBLIC HEARING ON PROPOSED PLANS AND SPECIFICATIONS, FORM OF
CONTRACT, AND ESTIMATE OF COST FOR THE CONSTRUCTION OF THE 4th AND
BARTON STORM SEWER IMPROVEMENTS PROJECT FOR THE CITY OF STORM LAKE,
IOWA

Notice is hereby given that the City Council of Storm Lake, Iowa, will meet at City Hall, 620 Erie Street, Storm Lake, Iowa on the **3rd day of February, 2020, at 5:00 p.m.** at which time and place a hearing will be held on the proposed plans and specifications, form of contract and estimate of cost for the 4th and Barton Storm Sewer Improvements project in and for the City of Storm Lake, Iowa. Any interested person may appear at said hearing and file objections to the proposed plans, specifications, form of contract and estimated costs for said improvements.

The project is located in Storm Lake, Iowa on the intersection of 4th Street and Barton Street. The general description of types of construction and their limits for which bids will be received shall be as follows:

Storm Sewer installation of various sizes on 4th Street and Barton Street including storm sewer structures, rain garden installation, permeable paver installation, landscaping, watermain relocation, curb and gutter and PCC patching.

Plans and specifications governing the construction of the proposed improvements have been prepared by the Engineer. These plans and specifications, and the proceedings of the City referring to and defining said improvements, are hereby made a part of this Notice and the proposed contract by reference, and the proposed contract shall be executed to comply therewith.

Published upon order of the City of Storm Lake, Iowa.

City of Storm Lake, Iowa

BY /s/ Mike Porsch
Mayor

ATTEST:

BY /s/ Keri Navratil
City Clerk

STORM LAKE

4th AND BARTON STORM SEWER IMPROVEMENTS



STORM LAKE, IOWA

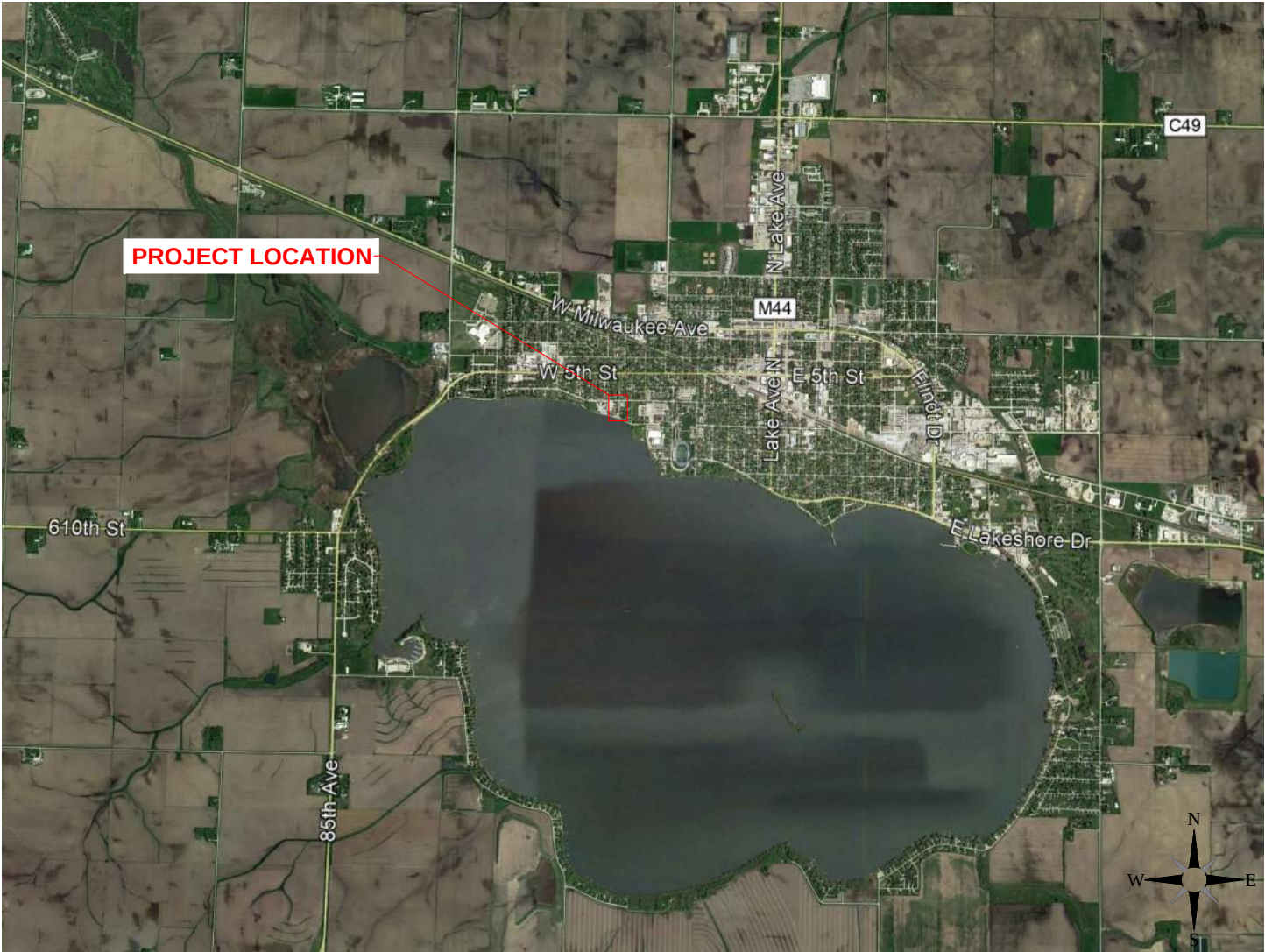
CONSTRUCTION PLANS FOR:

ISG PROJECT # 16-19284

STORM SEWER, STREETS, PERMEABLE PAVERS AND WATER MAIN

LEGEND

EXISTING	
	CITY LIMITS
	SECTION LINE
	QUARTER SECTION LINE
	RIGHT OF WAY LINE
	PROPERTY / LOTLINE
	EASEMENT LINE
	ACCESS CONTROL
	WATER EDGE
	WETLAND BOUNDARY
	WETLAND / MARSH
	FENCE LINE
	CULVERT
	STORM SEWER
	SANITARY SEWER
	SANITARY SEWER FORCEMAIN
	WATER
	GAS
	OVERHEAD ELECTRIC
	UNDERGROUND ELECTRIC
	UNDERGROUND TELEPHONE
	UNDERGROUND TV
	OVERHEAD UTILITY
	UNDERGROUND UTILITY
	UNDERGROUND FIBER OPTIC
	CONTOUR (MAJOR)
	CONTOUR (MINOR)
	DECIDUOUS TREE
	CONIFEROUS TREE
	TREE LINE
	MANHOLE/STRUCTURE
	CATCH BASIN
	HYDRANT
	VALVE
	CURB STOP
	POWER POLE
	UTILITY PEDESTAL / CABINET
PROPOSED	
	LOT LINE
	RIGHT OF WAY
	EASEMENT
	CULVERT
	STORM SEWER
	STORM SEWER (PIPE WIDTH)
	SANITARY SEWER
	SANITARY SEWER (PIPE WIDTH)
	WATER
	GAS
	OVERHEAD ELECTRIC
	UNDERGROUND ELECTRIC
	UNDERGROUND TV
	CONTOUR
	MANHOLE
	CATCH BASIN
	HYDRANT
	VALVE



Sheet Index

G0-10	TITLE SHEET	C3-10	PROPOSED SITE
G0-11	CONSTRUCTION NOTES	C3-11	OVERALL UTILITY PLAN AND SCHEDULES
G0-12	QUANTITIES AND ESTIMATE REFERENCE INFORMATION	C3-12	UNDERDRAIN LAYOUT PLAN
G0-13	QUANTITIES AND ESTIMATE REFERENCE INFORMATION	C4-10	GRADING DETAILS
C0-30	DETAILS	C4-11	PLAN AND PROFILE 4th ST.
C0-31	DETAILS	C4-12	PLAN AND PROFILE BARTON ST.
C2-10	EXISTING CONDITIONS & REMOVAL	C4-13	ADA SIDEWALK DETAILS
		C4-14	ADA SIDEWALK DETAILS
		C5-10	PLANTING PLAN
		C5-11	PLANTING DETAILS

SEAL	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. DAVID S. DOXTAD
	PRINTED SIGNATURE
	SIGNATURE SIGNATURE DATE
	12/31/2019
	REGISTRATION EXPIRES
	SHEETS COVERED BY THIS SEAL SHEETS G0-01
	THRU C4-12

SEAL	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 LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF IOWA. NATHAN S. GRUVER
	PRINTED SIGNATURE
	SIGNATURE SIGNATURE DATE
	DECEMBER 31, 2019
	REGISTRATION EXPIRES
	SHEETS COVERED BY THIS SEAL SHEETS C5-10
	THRU C5-11



NOTE: THE CLARITY OF THESE PLANS DEPENDS UPON COLOR COPIES. IF THIS TEXT DOES NOT APPEAR IN COLOR, THIS IS NOT AN ORIGINAL PLAN SET AND MAY RESULT IN MISINTERPRETATION.

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PROJECT		
STORM LAKE		
4th AND BARTON		
STORM SEWER		
IMPROVEMENTS		
STORM LAKE	IOWA	
REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 TITLE
DRAWN BY	DNA
DESIGNED BY	NB/DNA/NSG
REVIEWED BY	DSD/NB
ORIGINAL ISSUE DATE	11/1/19
CLIENT PROJECT NO.	-

TITLE
TITLE SHEET
SHEET
G0-10

PROJECT INDEX:

OWNER: CITY OF STORM LAKE 620 ERIE STREET STORM LAKE, IA 50588 PH: (712) 732-8000	PROJECT ADDRESS / LOCATION: SECTION 4, T90N, R37W INTERSECTION OF 4TH STREET AND BARTON STREET HAYES TWP STORM LAKE, IOWA	MANAGING OFFICE: ISG STORM LAKE OFFICE 1725 LAKE AVE. NORTH PO BOX 458 STORM LAKE, IA 50588 PHONE: 712.732.7745 PROJECT MANAGER: NICK BUSE EMAIL: NICK.BUSE@IS-GRP.COM
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SPECIFICATIONS REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE CITY OF STORM LAKE REQUIREMENTS AND WITH THE 2018 EDITION OF THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) FOR PUBLIC IMPROVEMENTS, UNLESS DIRECTED OTHERWISE.

PROJECT DATUM

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), ZONE 4 SIOUX CITY/OWA FALLS, ON THE IOWA REGIONAL COORDINATE SYSTEM, IN U.S. SURVEY FEET.
ELEVATIONS HAVE BEEN REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
RTK GPS METHODS WERE USED TO ESTABLISH HORIZONTAL AND VERTICAL COORDINATES FOR THIS PROJECT.

TOPOGRAPHIC SURVEY

THIS PROJECT'S TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED IN APRIL 2017 BY ISG.

B.M. ELEVATION = 1408.15
TOP NUT OF FIRE HYDRANT
SOUTH SIDE OF 4th STREET,
190' +/- WEST OF BARTON STREET

B.M. ELEVATION = 1405.75
TOP NUT OF FIRE HYDRANT
EAST SIDE OF BARTON STREET, AT THE
INTERSECTION WITH LIGHTHOUSE DRIVE

CONSTRUCTION NOTES

1.

ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
2.

ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS. WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT / ENGINEER.
3.

CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
4.

ALL PROPERTY PINS SHALL BE PROTECTED FROM GRADING OR OTHER OPERATIONS. ANY PINS DISTURBED SHALL BE RESET AT THE CONTRACTOR'S EXPANSE.
5.

THE 2018 EDITION OF THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) SHALL APPLY TO CONSTRUCTION WORK ON THE PROJECT. A FULL IOWA SUDAS SPECIFICATIONS MANUAL CAN BE FOUND ONLINE FOR FREE AT WWW.IOWASUDAS.COM.
6.

WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
7.

THE WORK TO BE ACCOMPLISHED FOR THE CONSTRUCTION OF THIS PROJECT WILL OCCUR ON CITY PROPERTY. THE CONTRACTOR SHOULD CONFINE OPERATIONS, PEOPLE, AND EQUIPMENT TO THE CITY'S PROPERTY.
8.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS MATERIALS NOT TO BE INCORPORATED IN THE WORK INVOLVED IN THE PROJECT (UNSUITABLE EXCAVATION, WASTE PIPE, ETC.).
9.

PUBLIC UTILITY FIXTURES ARE EXISTING WITHIN THE CONSTRUCTION AREA. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THESE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR ANY NECESSARY MODIFICATION OF SERVICES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.
10.

SEEDING AND FERTILIZING IS INCLUDED IN THIS CONTRACT. CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING AND PREPARING AREAS DISTURBED BY CONTRACTOR'S OPERATIONS FOR SEEDING. ALL DEBRIS GREATER THAN GOLF BALL SIZE SHALL BE REMOVED AND AREA SHALL BE RAKED SMOOTH. CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE OF THE OWNER'S PROPERTY DURING OPERATIONS AND SHALL MAKE A REASONABLE EFFORT TO NOT DISTURB AREAS GREATER THEN NECESSARY DURING CONSTRUCTION. AREAS OF NONGERMINATION WILL BE RESEEDED AND REFERTILIZED BY THE CONTRACTOR. COST IS TO BE CONSIDERED INCIDENTAL.
11.

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE ALL NECESSARY TRAFFIC CONTROL SIGNS, DEVICES, ETC., AND TO PLACE, MAINTAIN, AND REMOVE SAME AS CONSTRUCTION COMMENCES AND IS COMPLETED IN ACCORDANCE WITH THE CURRENT EDITION OF THE IOWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS. FAILURE TO COMPLY WITH THIS PORTION OF THE SPECIFICATIONS WILL RESULT IN SUSPENSION OF WORK UNTIL THE SITUATION IS CORRECTED. A REDUCTION IN THE LUMP SUM TO BE PAID WILL BE MADE FOR EXCESSIVE NONCOMPLIANCE WITH REQUIRED TRAFFIC CONTROL. NO WORK SHALL COMMENCE IN ANY GIVEN AREA UNTIL ALL APPROPRIATE TRAFFIC CONTROL IS IN PLACE.
12.

THE CONTRACTOR SHALL NOT DISTURB GRASSED AREAS AND TREES OUTSIDE THE CONSTRUCTION LIMITS. TREES AND BUSHES SHALL BE RETAINED AS POSSIBLE. THE CONTRACTOR WILL NOT BE PERMITTED TO PARK SERVICE VEHICLES AND EQUIPMENT OR USE THESE AREAS FOR STORAGE OF MATERIALS. STORAGE, PARKING AND SERVICE AREA(S) WILL BE SUBJECT TO APPROVAL OF THE ENGINEER.
13.

ALL EXISTING TREES AND BUSHES SHALL BE MAINTAINED AND PROTECTED UNLESS NOTED OTHERWISE. AREAS OF HAND FORMING MAY BE REQUIRED TO PROTECT TRESS.
14.

THE CONSTRUCTION OPERATIONS ARE TO TAKE PLACE IN A RESIDENTIAL AREA. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE REQUIREMENTS INCLUDED IN THE SPECIFICATIONS IN REGARD TO POSITIVE DUST CONTROL DURING ALL OPERATIONS TO INCLUDE REMOVAL, CLEAN UP, ETC.
15.

CONTRACTOR SHALL PROVIDE BARRICADES AND SIGNS IDENTIFYING VEHICLES AND OBSTACLES IN THE DRIVEN ROADWAYS.
16.

FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS, NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRED INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
17.

EXISTING STORM SEWERS, SANITARY SEWERS, AND WATER MAINS ARE LOCATED BASED ON CITY RECORDS AND ACTUAL LOCATIONS MAY VARY GREATLY FROM THAT SHOWN. THE LOCATIONS AND TYPE OF ALL IN-PLACE UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF ISG. NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS, AND ELEVATIONS OF ALL IN-PLACE UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
18.

CONTRACTOR SHALL REPLACE AND REPAIR ALL EXISTING STORM SEWERS THAT ARE ENCOUNTERED DURING CONSTRUCTION IN ACCORDANCE WITH THE SPECIFICATION. CONTRACTOR SHALL USE 2000D RCP WITH FLEXIBLE O-RING GASKET JOINTS, PLACE PIPES SO JOINTS ARE NOT DIRECTLY OVER WATER MAIN, AND RECONNECT TO EXISTING STORM SEWER WITH REINFORCED FERNCO COUPLING.
19.

PROPOSED WATER DISTRIBUTION LINE SHALL BE INSTALLED WITH A MINIMUM OF SIX FEET (6') OF COVER. IN LOCATIONS WITH A SEPARATION DISTANCE OF LESS THAN TEN FEET (10') FROM SANITARY SEWER OR STORM SEWER, THE SANITARY SEWER OR STORM SEWER SHALL BE INSTALLED EIGHTEEN INCHES (18") BELOW THE BOTTOM OF THE WATER MAIN AND SHALL BE PLACED IN A SEPARATE TRENCH AT A MINIMUM HORIZONTAL SEPARATION OF THREE FEET PER SUDAS SPECIFICATIONS.
20.

AT ALL SANITARY SEWER AND WATER MAIN CROSSOVER, MAINTAIN A MINIMUM OF 18" SEPARATION BETWEEN BOTTOM OF WATER MAIN AND TOP OF SEWER. PLACE ONE FULL LENGTH OF WATER PIPE, LOCATED SO BOTH JOINTS ARE AS FAR AS POSSIBLE FROM SEWER. USE LOW PERMEABILITY SOIL FOR BACKFILL WITHIN 10' OF CROSSOVER.
21.

THRUST BLOCKS SHALL BE POURED CONCRETE, INSTALLED BEHIND ALL BENDS, TEES AND DEAD ENDS IN ACCORDANCE WITH SPECIFICATIONS.
22.

CUT OFF, CAP AND ABANDON EXISTING WATER MAINS AS NEEDED TO COMPLETE NEW WORK.
23.

FLUSH WATER FROM DISINFECTION PROCESS SHALL BE DISPOSED OF BY DIRECTING FLUSH WATER TO SANITARY SEWER SYSTEM. DECHLORINATE HIGHLY CHLORINATED WATER FROM TESTING BEFORE RELEASING INTO THE SANITARY SEWER SYSTEM.
24.

CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATIONS OF ALL WATER SERVICES AND WATER CONNECTIONS.
25.

A NEAT VERTICAL EDGE WILL BE REQUIRED FOR ALL JOINTS BETWEEN THE NEW PAVEMENT SURFACE AND EXISTING PAVING AS SHOWN IN THE PLANS. SAW CUTTING OR OTHER TECHNIQUES MAY BE USED TO PROVIDE THIS EDGE. COST OF THE SAW CUT IS TO BE CONSIDERED INCIDENTAL. ADDITIONAL REMOVAL AND REPLACEMENT DUE TO THE CONTRACTOR'S OPERATION WILL BE MEASURED SEPARATELY BUT WILL BE THE CONTRACTOR'S RESPONSIBILITY.
26.

ANY DEWATERING NECESSARY FOR CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO INDIVIDUAL CONSTRUCTION ITEM.

27.

THE CONTRACTOR SHALL INSPECT AND VERIFY SOIL CONDITIONS AS NECESSARY IN ORDER TO DETERMINE THE TYPE OF CONSTRUCTION TO EMPLOY. NATURAL AND/OR MANMADE OBSTRUCTIONS MAY BE ENCOUNTERED IN THE SOIL. THESE CONTRACT DOCUMENTS DO NOT WARRANT THE NATURE OR CONDITIONS OF THE SOILS, AND DO NOT WARRANT THAT NATURAL OR MANMADE OBSTRUCTIONS WILL NOT BE ENCOUNTERED, NOR GUARANTEE THE EXTENT TO WHICH ROCKS, BOULDERS, OR OTHER OBSTRUCTIONS, REGARDLESS OF SIZE, MAY BE ENCOUNTERED DURING BORING OPERATIONS. THE CONTRACTOR SHALL NOT BE ENTITLED TO ADDITIONAL COMPENSATION FOR ANY NATURAL OR MANMADE OBSTRUCTIONS ENCOUNTERED DURING TRENCHLESS CONSTRUCTION.
28.

ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED, AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT / ENGINEER BEFORE PROCEEDING WITH THE WORK.
29.

THE CONTRACTOR IS TO CONTACT "IOWA ONE CALL" FOR UTILITY LOCATIONS, 48 HOURS PRIOR TO EXCAVATION / CONSTRUCTIONS (1-800-292-8989).
30.

ANY PROPOSED CHANGES TO THE PLAN SET SHALL BE APPROVED IN WRITING BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ANY CHANGES MADE DURING CONSTRUCTION THAT HAVE NOT BEEN GRANTED APPROVAL IN WRITING BY THE ENGINEER.
31.

COORDINATE ALL TIE-INS TO EXISTING UTILITIES WITH CITY OF STORM LAKE'S PUBLIC WORKS DEPARTMENT.



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PROJECT

STORM LAKE
4th AND BARTON
STORM SEWER
IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 TITLE
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	--/--/--
CLIENT PROJECT NO.	-

TITLE

CONSTRUCTION
NOTE

SHEET

G0-11

PROJECT GENERAL NOTES

1.

ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT/ENGINEER.
2.

CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
3.

WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
4.

FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
5.

DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ENGINEER BEFORE PROCEEDING WITH THE WORK.
6.

ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ENGINEER BEFORE PROCEEDING WITH THE WORK.
7.

ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
8.

THE LOCATION AND TYPE OF ALL INPLACE UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG). NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS AND ELEVATIONS OF ALL INPLACE UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
9.

THE CONTRACTOR IS TO CONTACT "IOWA ONE CALL" FOR UTILITY LOCATIONS, MINIMUM 2 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION (1-800-292-8989).

ESTIMATE REFERENCE INFORMATION		
ITEM NO.	SUDAS SPECIFICATION ITEM CODE	DESCRIPTION
1	2010-108-E-0	EXCAVATION, CLASS 10 INCLUDES REMOVAL, PLACEMENT AND GRADING TO MEET FINAL SUBGRADE ELEVATIONS WITHIN THE ROW. SHRINKAGE FACTORS OF 1.3 (EMBANKMENT) WERE APPLIED TO ALL EXCAVATION MATERIAL WHEN DETERMINING SITE BALANCE. THE SITE BALANCE PROVIDED IS FOR INFORMATIONAL PURPOSES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL QUANTITIES PRIOR TO SUBMITTING A BID FOR THE PROJECT. QUANTITIES SHALL BE CONSIDERED FINAL AND NO PAYMENT FOR OVERHAUL WILL BE ALLOWED. ALL EXCESS MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR AND CONTRACOR SHALL PROCURE LOCATION TO DISPOSE OF EXCESS MATERIAL.
2	2010-108-G-0	SUBGRADE PREPARATION SUBGRADE IS TO BE SCARIFIED, MIXED AND RE-COMPACTED TO A DEPTH OF 8" AND TO A WIDTH OF AT LEAST 2' BEHIND THE NEW CURB LINE. INCLUDES PROOF ROLLING OF SUBGRADE.
3	4010-108-A-1	SANITARY SEWER, 8", PVC, C900 INCLUDES BYPASS PUMPING AS REQUIRED. INTALL ONE FULL PIPE LENGTH CENTERED ON WATERMAIN SO THAT EACH END PIPE END IS AS FAR AWAY FROM WATERMAIN AS POSSIBLE.
4	PER EST. REF.	SANITARY SEWER INSULATION ITEM IS FOR THE INSULATION OF SANITARY SEWER IN LOCATIONS WHERE 4.0' OF COVER IS NOT MAINTAINED. SEE DETAIL ON SHEET C0-30. ITEM SHALL BE MEASURED BY THE LINEAL FOOT OF SANITARY SEWER INSULATED.
5	4010-108-H-0	REMOVAL OF SANITARY SEWER, 8" CLAY ALL MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND CONTRACTOR SHALL PROCURE LOCATION TO DISPOSE OF MATERIAL.
6	PER EST. REF.	CONNECT TO EXISTING SANITARY SEWER MAIN ITEM IS FOR CONNECTING TO THE EXISTING 8" SANITARY SEWER MAIN
7	4020-108-A-1	STORM SEWER, TRENCHED, 12" RCP BLACK MASTIC OR ENGINEERING FABRIC SHALL BE USED.
8	4020-108-A-1	STORM SEWER, TRENCHED, 15" RCP BLACK MASTIC OR ENGINEERING FABRIC SHALL BE USED.
9	4020-108-A-1	STORM SEWER, TRENCHED, 22" x 14" RCP ARCH BLACK MASTIC OR ENGINEERING FABRIC SHALL BE USED.
10	4020-108-A-1	STORM SEWER, TRENCHED, 36" x 23" RCP ARCH BLACK MASTIC OR ENGINEERING FABRIC SHALL BE USED.
11	4020-108-C-0	REMOVAL OF STORM SEWER, 15" REFER TO SHEETS C4-12 AND C4-13 OF THE PLANS FOR REMOVAL OF STORM SEWER PIPE. MATERIAL REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR.
12	4030-108-B-0	PIPE APRON, 36" x 23" RCP ARCH INCLUDES TIED JOINTS.
13	4030-108-C-0	FOOTING FOR RCP APRON REFER TO SUDAS FIGURE 4030.211
14	4030-108-D-0	PIPE APRON GUARD
15	5010-108-A-1	WATER MAIN, TRENCHED, 6", PVC, C900 ITEM INCLUDES ALL THRUST BLOCKS, FITTINGS, TRACER WIRE, AND TRACER WIRE STATIONS. ITEM ALSO INCLUDES ALL SHORING/BRACING REQUIRED FOR SURROUNDING UTILITIES AND STRUCTURES TO PROPERLY INSTALL WATER MAIN.
16	5020-108-A-0	GATE VALVE AND VALVE BOX, 6" ALL VALVES SHALL BE MUELLER RESILIENT WEDGE AND SHALL OPEN COUNTERCLOCKWISE. ALL BOLTS, FITTINGS, ETC. NECESSARY TO COMPLETE THIS ITEM SHALL BE INCLUDED IN THIS BID ITEM.
17	Per Est. Ref.	CONNECT TO EXISTING WATER MAIN, 6" ITEM INCLUDES CONNECTING NEW WATER MAIN TO EXISTING WATER MAIN AND ANY FITTINGS OR OTHER ITEMS NECESSARY TO COMPLETE CONNECTION.
18	5020-108-C-0	FIRE HYDRANT ASSEMBLY ALL FIRE HYDRANTS SHALL INCLUDE AUXILIARY 6" GATE VALVE, TWO 2 1/2" OPENINGS AND ONE 5 1/4" PUMPER NOZZLE WITH NATIONAL STD. THREAD. ALL FIRE HYDRANTS SHALL BE MUELLER A423 SUPER CENTURION 3-WAY, TRAFFIC TYPE AND FURNISHED WITH 6.0 FOOT BURY DEPTH. VALVCO TRACER WIRE ACCESS BOX SHALL BE UTILIZED FOR THE TRACER WIRE CONNECTION AT FIRE HYDRANT. BID SHALL INCLUDE AN AMOUNT FOR INSTALLING ADJUSTMENT PIECES AS REQUIRED. ALL PIPE, BOLTS, FITTINGS, TEES, ETC. NECESSARY TO COMPLETE THIS ITEM SHALL BE INCIDENTAL TO THIS BID ITEM.
19	5020-108-I-0	FIRE HYDRANT ASSEMBLY REMOVAL INCLUDES EXCAVATION, REMOVAL OF THE FIRE HYDRANT, HYDRANT VALVE, THRUST BLOCK, DELIVERY OF THE FIRE HYDRANT ASSEMBLY TO THE OWNER, CAPPING OF THE PIPE, BACKFILL, COMPACTION, AND SURFACE RESTORATION TO MATCH THE SURROUNDING AREA.
20	5020-108-J-0	VALVE REMOVAL INCLUDES EXCAVATION, REMOVAL OF VALVE, DELIVERY OF THE VALVE TO THE OWNER, CAPPING OF THE PIPE, BACKFILL, COMPACTION, AND SURFACE RESTORATION TO MATCH THE SURROUNDING AREA.
21	5020-108-K-0	VALVE BOX REMOVAL INCLUDES EXCAVATION, REMOVAL OF VALVE BOX, DELIVERY OF THE VALVE BOX TO THE OWNER, CAPPING OF THE PIPE, BACKFILL, COMPACTION, AND SURFACE RESTORATION TO MATCH THE SURROUNDING AREA.
22	6010-108-A-0	STORM SEWER MANHOLE, TYPE SW-406, 60"x48" INCLUDES SW-602 TYPE G CASTING. COVERS SHALL HAVE THE WORDS "STORM SEWER" WRITTEN ON THEM.
23	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-502, 48" INCLUDES SW-603 TYPE R CASTING AT LOCATIONS OF CURB AND GUTTER AND SW-603 TYPE Q CASTING AT DROP CURB LOCATIONS. PROVIDE GRATES WITH VANES FACING BOTH DIRECTIONS OF FLOW AT LOW POINTS. REFER TO PLANS FOR LOCATION AND SUDAS FIGURE 6010.501 FOR DETAILS.
24	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-507 INCLUDES SW-602 TYPE G CASTING. COVERS SHALL HAVE THE WORDS "STORM SEWER" WRITTEN ON THEM.
25	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-508, 48"x48" INCLUDES SW-602 TYPE G CASTING. COVERS SHALL HAVE THE WORDS "STORM SEWER" WRITTEN ON THEM.
26	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-508, MODIFIED, 60"x48" INCLUDES SW-602 TYPE G CASTING. COVERS SHALL HAVE THE WORDS "STORM SEWER" WRITTEN ON THEM.
27	6010-108-B-0	STORM SEWER AREA INTAKE TYPE SW-512, 18" INCLUDES SW-604 TYPE 3A CASTING
28	6010-108-B-0	STORM SEWER AREA INTAKE TYPE SW-513, 36" STRUCTURE SHALL HAVE INNER DIMENSIONS OF 36"x36" WITH INTAKE OPENINGS ON THE FRONT OF STRUCTURE ONLY. INCLUDES WRAPPING ALL JOINTS WITH BUTYL SEALANT WRAP.
29	PER EST. REF.	BUNKER INTAKE REFER TO DETAILS SHEET C0-30. ITEM SHALL BE RAIN GUARDIAN - BUNKER BY RAIN GUARDIAN.
30	6010-108-F-0	SANITARY MANHOLE ADJUSTMENT, MAJOR EXISTING MANHOLE SPECIFIED ON PLANS SHALL HAVE EXISTING CASTING, ADJUSTMENT RINGS, AND CONE REMOVED. ITEM INCLUDES MODIFICATION OF EXISTING MANHOLE TO BRING TO FINAL ELEVATION. ALSO INCLUDES FURNISHING AND INSTALLING ADJUSTMENT RINGS, NEW CASTING, CONE SECTION, INFILTRATION BARRIER, AND CHIMNEY SEAL. COVER SHALL HAVE WORDS "SANITARY SEWER" WRITTEN ON IT. MANHOLES LOCATED IN PAVEMENT SHALL HAVE A SW-601 TYPE B CASTING. ALL EXISTING CASTINGS SHALL BE SUPPLIED TO THE CITY MAINTENANCE SHOP IF SALVAGEABLE OR REQUESTED. ALL OTHER MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACOR.
31	6010-108-H-0	REMOVE INTAKE INCLUDES THE REMOVAL AND DISPOSAL OF STRUCTURES AS INDICATED ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF ALL REMOVED MATERIAL.
32	7010-108-A-0	PAVEMENT, PCC, 7" USE C MIX WITH CLASS 3 COARSE AGGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE AIR TESTS, SLUMP TESTS, AND CASTING OF CYLINDERS FOR PLASTIC CONCRETE PERFORMED AND TEST RESULTS SENT TO THE ENGINEER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SECURE THE SERVICES OF AN APPROVED INDEPENDENT TESTING LABORATORY TO PERFORM COMPRESSIVE STRENGTH TESTING ON CAST CYLINDERS, PROTECT AND TRANSPORT CAST CYLINDERS, AND SUBMIT TEST RESULTS TO THE ENGINEER. ITEM INCLUDES CONSTRUCTING BOXOUTS FOR ALL STRUCTURES THAT ARE IN THE NEW PAVEMENT (I.E. MANHOLES, INTAKES, ETC.).
33	7010-108-E-0	CURB AND GUTTER, 2'-0", 6" THICK USE C MIX WITH CLASS 3 COARSE AGGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE AIR TESTS, SLUMP TESTS, AND CASTING OF CYLINDERS FOR PLASTIC CONCRETE PERFORMED AND TEST RESULTS SENT TO THE ENGINEER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SECURE THE SERVICES OF AN APPROVED INDEPENDENT TESTING LABORATORY TO PERFORM COMPRESSIVE STRENGTH TESTING ON CAST CYLINDERS, PROTECT AND TRANSPORT CAST CYLINDERS, AND SUBMIT TEST RESULTS TO THE ENGINEER.
34	7030-108-A-0	REMOVAL OF SIDEWALK INCLUDES FULL DEPTH SAWCUT, BREAKING, REMOVING AND DISPOSAL. MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND CONTRACTOR SHALL PROCURE LOCATION FOR DISPOSAL OF MATERIAL.
35	7030-108-A-0	REMOVAL OF DRIVEWAY INCLUDES FULL DEPTH SAWCUT, BREAKING, REMOVING AND DISPOSAL. MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND CONTRACTOR SHALL PROCURE LOCATION FOR DISPOSAL OF MATERIAL.

ESTIMATED PROJECT QUANTITIES				
SPECIFICATION ITEM CODE REFERS TO EITHER THE CURRENT EDITION OF THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS MANUAL (SUDAS) OR THE STORM LAKE 4th AND BARTON STORM SEWER IMPROVEMENTS PROJECT MANUAL. ITEM CODE REFERRING TO THE 4th AND BARTON STORM SEWER IMPROVEMENTS PROJECT MANUAL WILL REFER TO THE ITEM SPECIFICATION AND NOT THE MEASUREMENT AND PAYMENT SPECIFICATION.				
ITEM NO.	SPEC. ITEM CODE	CONSTRUCTION ITEM	UNIT	QUANTITY
1	2010-108-E-0	EXCAVATION, CLASS 10	CY	
2	2010-108-G-0	SUBGRADE PREPARATION	SY	1,436
3	4010-108-A-1	SANITARY SEWER GRAVITY MAIN, TRENCHED, 8" PVC, C900	LF	10
4	PER EST. REF.	SANITARY SEWER INSULATION	LF	60
5	4010-108-H-0	REMOVAL OF SANITARY SEWER, 8" CLAY	LF	10
6	PER EST. REF.	CONNECT TO EXISTING SANITARY SEWER	EA	2
7	4020-108-A-1	STORM SEWER, TRENCHED, 12" RCP	LF	45
8	4020-108-A-1	STORM SEWER, TRENCHED, 15" RCP	LF	248
9	4020-108-A-1	STORM SEWER, TRENCHED, 22" x 14" RCP ARCH	LF	146
10	4020-108-A-1	STORM SEWER, TRENCHED, 36" x 23" RCP ARCH	LF	476
11	4020-108-C-0	REMOVAL OF STORM SEWER, 15"	LF	230
12	4030-108-B-0	PIPE APRON, 36" x 23" RCP ARCH	EA	1
13	4030-108-C-0	FOOTING FOR RCP APRON	EA	1
14	4030-108-D-0	PIPE APRON GUARD	EA	1
15	5010-108-A-1	WATER MAIN, TRENCHED, 6", PVC, C900	LF	405
16	5020-108-A-0	GATE VALVE AND VALVE BOX, 6"	EA	4
17	Per Est. Ref.	CONNECT TO EXISTING WATER MAIN, 6"	EA	3
18	5020-108-C-0	FIRE HYDRANT ASSEMBLY	EA	1
19	5020-108-I-0	FIRE HYDRANT ASSEMBLY REMOVAL	EA	1
20	5020-108-J-0	VALVE REMOVAL	EA	3
21	5020-108-K-0	VALVE BOX REMOVAL	EA	3
22	6010-108-A-0	STORM SEWER MANHOLE, TYPE SW-406, 60"x48"	EA	4
23	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-502, 48"	EA	1
24	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-507	EA	4
25	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-508, 48"x48"	EA	1
26	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-508, MODIFIED, 60"x48"	EA	1
27	6010-108-B-0	STORM SEWER AREA INTAKE TYPE SW-512, 18"	EA	3
28	6010-108-B-0	STORM SEWER AREA INTAKE TYPE SW-513, 36"	EA	1
29	PER EST. REF.	BUNKER INTAKE	EA	4
30	6010-108-F-0	SANITARY MANHOLE ADJUSTMENT, MAJOR	EA	1
31	6010-108-H-0	REMOVE INTAKE	EA	5
32	7010-108-A-0	PAVEMENT, PCC, 7"	SY	149
33	7010-108-E-0	CURB AND GUTTER, 2'-0", 6" THICK	LF	772
34	7030-108-A-0	REMOVAL OF SIDEWALK	SY	74
35	7030-108-A-0	REMOVAL OF DRIVEWAY	SY	14



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PROJECT

STORM LAKE
4th AND BARTON
STORM SEWER
IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 TITLE
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	--/--/--
CLIENT PROJECT NO.	-

TITLE

QUANTITIES AND
ESTIMATE
REFERENCE
INFORMATION

SHEET

G0-12

ESTIMATE REFERENCE (CONTINUED)		
ITEM NO.	SUDAS SPECIFICATION ITEM CODE	DESCRIPTION
36	7030-108-E-0	SIDEWALK, 4", PCC USE C MIX WITH CLASS 3 COARSE AGGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE AIR TESTS, SLUMP TESTS, AND CASTING OF CYLINDERS FOR PLASTIC CONCRETE PERFORMED AND TEST RESULTS SENT TO THE ENGINEER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SECURE THE SERVICES OF AN APPROVED INDEPENDENT TESTING LABORATORY TO PERFORM COMPRESSIVE STRENGTH TESTING ON CAST CYLINDERS, PROTECT AND TRANSPORT CAST CYLINDERS, AND SUBMIT TEST RESULTS TO THE ENGINEER.
37	7030-108-E-0	SIDEWALK, 6", PCC USE C MIX WITH CLASS 3 COARSE AGGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE AIR TESTS, SLUMP TESTS, AND CASTING OF CYLINDERS FOR PLASTIC CONCRETE PERFORMED AND TEST RESULTS SENT TO THE ENGINEER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SECURE THE SERVICES OF AN APPROVED INDEPENDENT TESTING LABORATORY TO PERFORM COMPRESSIVE STRENGTH TESTING ON CAST CYLINDERS, PROTECT AND TRANSPORT CAST CYLINDERS, AND SUBMIT TEST RESULTS TO THE ENGINEER.
38	7030-108-G-0	DETECTABLE WARNING DETECTABLE WARNINGS SHALL BE 2 FOOT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL AND EXTEND THE FULL WIDTH OF THE RAMP. TYPE SHALL BE CAST IRON.
39	7030-108-H-1	DRIVEWAY, PAVED, 6", PCC ITEM IS FOR THE REPLACEMENT OF PCC DRIVEWAYS. DRIVEWAYS ARE TO BE TYPE B, REFER TO FIGURE 7030.102. USE C MIX WITH CLASS 3 COARSE AGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. DRIVEWAYS SHALL BE BOXED OUT AS SHOWN ON TYPE B FIGURE. TRANSITION OF DEPTH ALSO OULINED ON FIGURE 7030.102.
40	7040-108-A-0	FULL DEPTH PCC PATCH USE C MIX WITH CLASS 3 COARSE AGGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE 6" CYLINDERS OF THE PLASTIC CEMENT PREPARED, AIR AND SLUMP TESTS PERFORMED AND TESTED AT AN APPROVED INDEPENDENT LABORATORY, AND TO SEND THE RESULTS TO THE ENGINEER. PATCH THICKNESS SHALL BE T+1" OR A MINIMUM OF 6 INCHES. THICKNESS CORES WILL NOT BE REQUIRED. PAVEMENT REMOVAL OF PATCH AREA SHALL BE INCLUDED IN PATCHING ITEM AND WILL NOT BE PAID FOR SEPARATELY. CONTRACTOR SHALL RECEIVE APPROVAL FOR ANY ROAD CLOSURE PRIOR TO CONSTRUCTION. SCHEDULE SHALL BE DEVELOPED TO MINIMIZE TIME OF ROAD CLOSURE.
41	7040-108-H-0	PAVEMENT REMOVAL INCLUDES FULL DEPTH SAWCUT, BREAKING, REMOVING AND DISPOSAL OF PAYMENT, INCLUDING CURB AND GUTTER. MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND CONTRACTOR SHALL PROCURE LOCATION FOR DISPOSAL OF MATERIAL.
42	PER EST. REF.	LANDSCAPE REMOVAL ITEM IS FOR THE REMOVAL OF LANDSCAPING BLOCKS IN THE NORTHWEST QUADRANT OF THE INTERSECTION. ALL LANDSCAPING REMOVED SHALL BE SALVAGED AND STOCKPILED FOR REINSTALLATION. CONTRACTOR SHALL REPLACE ALL DAMAGED LANDSCAPING BLOCKS AT THE CONTRACTORS EXPENSE.
43	7080-108-C-0	UNDERDRAIN, 6", PVC UNDERDRAIN SHALL BE 6", PE, TYPE S. ITEM INCLUDES FURNISHING AND INSTALLATION OF RODENT GUARDS AT EACH CONNECTION TO INTAKES.
44	7080-108-D-0	STORAGE AGGREGATE ITEM SHALL BE 2'-3" NOMINAL DIAMETER AGGREGATE AND COMPLY WITH IOWA DOT SECTION 4122 GRADATION NO. 13. CLASS 3 DURABILITY CRUSHED STONE. REFER TO CHAPTER 1.14 OF THE IOWA STORMWATER MANAGEMENT MANUAL FOR ADDITIONAL INFORMATION. QUANTITY IS BASED ON A DENSITY OF 130 PCF.
45	7080-108-E-0	FILTER AGGREGATE ITEM SHALL BE 3/4" NOMINAL DIAMETER AGGREGATE AND COMPLY WITH IOWA DOT SECTION 4115 GRADATION NO. 3. CLASS 3 DURABILITY CRUSHED STONE. AGGREGATE SHALL BE PLACED AND COMPACTED IN 2, 2" LIFTS. REFER TO CHAPTER 1.14 OF THE IOWA STORMWATER MANAGEMENT MANUAL FOR ADDITIONAL INFORMATION. QUANTITY IS BASED ON A DENSITY OF 135 PCF.
46	7080-108-F-0	PERMEABLE INTERLOCKING PAVERS ITEM IS FOR THE INSTALLATION OF PERMEABLE INTERLOCKING PAVERS. SEE TYPICAL SECTION ON SHEET C0-30. COLOR OF PAVERS SHALL BE BROWN. PAVEMENT PROTECTION AND REFILLING ALL JOINTS AFTER 6 MONTHS.
47	PER EST. REF.	REINSTALL LANDSCAPING ITEM IS FOR THE REINSTALLATION OF LANDSCAPING BLOCKS REMOVED AND SALAVAGED ON THE NORTHWEST QUADRANT OF THE INTERSECTION.
48	PER EST. REF.	SHREDDED MULCH, RAIN GARDEN ITEM IS FOR THE CONSTRUCTION OF THE BIO-RETENTION CELLS. SEE TYPICAL SECTION ON SITE SHEETS FOR DETAILS. REFER TO CHAPTER 2E-4 OF THE IOWA STORMWATER MANAGEMENT MANUAL FOR ADDITIONAL DETAILS. MULCH SHALL NOT BE PLACED ON SEED-ONLY AREAS OF BIO-RETENTION CELL UNTIL BIO-RENTENTION CELL SEEDING IS ESTABLISHED AND APPROVED BY ENGINEER.
49	PER EST. REF.	MODIFIED SOIL MEDIA, RAIN GARDEN ITEM IS FOR THE CONSTRUCTION OF THE BIO-RETENTION CELLS. SEE TYPICAL SECTION ON SITE SHEETS FOR DETAILS. MODIFIED SOIL SHALL BE A WELL BLENDED MIXTURE (BY VOLUME) OF 75% HOMOGENOUS CONSTRUCTION SAND AND 25% NATIVE TOPSOIL. TOPSOIL MUST BE ENGINEER APPROVED. COMPOST SHALL BE USED IN LIEU OF TOPSOIL IF TOPSOIL IS NOT APPROVED AND SHALL BE IN ACCORDANCE WITH THE IOWA STORMWATER MANAGEMENT MANUAL. MODIFIED SOIL SHALL BE COMPACTED BY SPRAYING CLEAN WATER UNTIL MODIFIED SOIL IS SATURATED. REFER TO CHAPTER 2E-4 OF THE IOWA STORMWATER MANAGEMENT MANUAL FOR ADDITIONAL DETAILS.
50	PER EST. REF.	CHOKER AGGREGATE, RAIN GARDEN ITEM IS FOR THE CONSTRUCTION OF THE BIO-RETENTION CELLS. SEE TYPICAL SECTION ON SITE SHEETS FOR DETAILS. ITEM SHALL COMPLY WITH IOWA DOT SECTION 4125 GRADATION NO. 21. REFER TO CHAPTER 2E-4 OF THE IOWA STORMWATER MANAGEMENT MANUAL FOR ADDITIONAL DETAILS.
51	PER EST. REF.	STONE BASE LAYER, RAIN GARDEN ITEM IS FOR THE CONSTRUCTION OF THE BIO-RETENTION CELLS. SEE TYPICAL SECTION ON SITE SHEETS FOR DETAILS. ITEM SHALL COMPLY WITH IOWA DOT SECTION 4115 GRADATION NO. 21. CLASS 2 DURABILITY CRUSHED STONE. REFER TO CHAPTER 2E-4 OF THE IOWA STORMWATER MANAGEMENT MANUAL FOR ADDITIONAL DETAILS. ENGINEERING FABRIC IN BIO CELLS SHALL BE CONSIDERED INCEDENTAL TO THIS ITEM.
52	8030-108-A-0	TEMPORARY TRAFFIC CONTROL INCLUDES THE INSTALLATION, MAINTENANCE, AND REMOVAL OF TEMPORARY TRAFFIC CONTROL.
53	PER EST. REF.	REMOVE, SALVAGE AND REINSTALL TRAFFIC SIGN
54	9020-108-A-0	SOD INCLUDES THE REMOVAL OF ROCK AND OTHER DEBRIS FROM THE AREA; PREPARING THE SOD BED; FURNISHING AND PLACING SOD, STAKES AND FERTILIZER. ALSO INCLUDES ANY NECESSARY SOD REPLACEMENT DURING MAINTENANCE PERIOD.
55	PER EST REF	TESTING ITEM INCLUDES ALL TESTING REQUIRED PER SUDAS SPECIFICATIONS AND PROJECT MANUAL FOR SUBGRADE, SUBBASE, PAVEMENT, WATER MAIN, STORM SEWER, AND ANY OTHER COMPONENTS OUTLINED IN PROJECT MANUAL EXCEPT AS MODIFIED IN THE ESTIMATE REFERENCE INFORMATION OR AS INCIDENTAL TO AND INCLUDED IN THE BID ITEM. ITEM INCLUDES ALL TESTING REQUIRED FOR TRENCH COMPACTION FOR WATER MAIN, WATER SERVICES, AND STORM SEWER TRANCHES AND COMPACTION TESTING FOR PAVEMENT SUBGRADE PER SUDAS SPECIFICATIONS.
56	9040-108-F-0	FILTER SOCK TO BE USED AS STORM INLET PROTECTION DEVICE AROUND OPEN THROAT INTAKES, BEHIVE INTAKES, AND CURB INLETS. INCLUDES PLACEMENT, MAINTENANCE, REMOVAL AND OFFSITE DISPOSAL OF SEDIMENT, AND REMOVAL OF DEVICE. REFER TO STORMWATER POLLUTION PREVENTION PLAN SHEETS. EXACT LOCATION AND LENGTH OF FILTER SOCK NEEDED WILL BE DETERMINED DURING CONSTRUCTION.
57	9040-108-F-1	WATTLE INCLUDES FURNISHING AND INSTALLING WATTLES PER SUDAS SPECIFICATIONS. IF ACCUMULATED SEDIMENT REACHES A LEVEL OF ONE-HALF THE HEIGHT OF THE WATTLE, REMOVE THE ACCUMULATED SEDIMENT. THE WATTLE WILL BE CAREFULLY INSPECTED AND ANY MAINTENANCE NEEDED SHALL BE INCLUDED IN BID ITEM. INCLUDES RESTORATION OF THE AREA TO FINISHED GRADE AND REMOVAL AND DISPOSAL OF WATTLE AND ACCUMULATED SETTLEMENT. REMOVE AFTER CONSTRUCTION IS COMPLETE AND SEEDING IS ESTABLISHED.
58	9040-108-J-0	RIP RAP, CLASS D REVETMENT MATERIAL SHALL BE CLASS D REVETMENT ACCORDING TO IDOT STANDARD SPECIFICATION 4130. INCLUDES FURNISHING AND INSTALLING ENGINEERING FABRIC.
59	9040-108-Q-2	STABILIZED CONSTRUCTION ENTRANCE INCLUDES INSTALLING AND REMOVING STONE MEETING IOWA DOT SECTION 4122, GRADATION 13 MACADAM CRUSHED STONE AND WOVEN, UV-STABILIZED GEOTEXTILE. REFER TO FIGURE 9040.120.
60	9040-108-T-2	INLET PROTECTION DEVICE TO BE USED AT INTAKES FOR EROSION CONTROL. INCLUDES PLACEMENT, MAINTENANCE, REMOVAL AND ONSITE DISPOSAL OF SEDIMENT, AND REMOVAL OF DEVICE. REFER TO EROSION CONTROL PLAN SHEETS FOR ADDITIONAL INFORMATION. DEVICE SHALL BE FLEXSTORM INLET FILTERS, OR APPROVED EQUAL ON GRATED INTAKES.
61	11,050-108-A-0	CONCRETE WASHOUT REFER TO SHEET C.04 FOR ADDITIONAL INFORMATION. LOCATION SHOWN ON PLANS IS ONLY A RECOMMENDATION. FINAL LOCATION SHALL BE DETERMINED BY CONTRACTOR WITH ENGINEER AND CITY APPROVAL.
62	11,020-108-A	MOBILIZATION REFER TO SECTION 11,020-108-A-0 OF THE URBAN STANDARD SPECIFICATIONS.

ESTIMATED PROJECT QUANTITIES (CONTINUED)				
ITEM NO.	SPEC. ITEM CODE	CONSTRUCTION ITEM	UNIT	QUANTITY
36	7030-108-E-0	SIDEWALK, 4" PCC	SY	25
37	7030-108-E-0	SIDEWALK, 6" PCC	SY	49
38	7030-108-G-0	DETECTABLE WARNING	SF	48
39	7030-108-H-1	DRIVEWAY, PAVED, 6", PCC	SY	14
40	7040-108-A-0	FULL DEPTH PCC PATCH	SY	315
41	7040-108-H-0	PAVEMENT REMOVAL	SY	1,292
42	PER EST. REF.	LANDSCAPE REMOVAL	LS	1
43	7080-108-C-0	UNDERDRAIN, 6", PVC	LF	945
44	7080-108-D-0	STORAGE AGGREGATE	TN	1,146
45	7080-108-E-0	FILTER AGGREGATE	TN	365
46	7080-108-F-0	PERMEABLE INTERLOCKING PAVERS	SY	980
47	PER EST. REF.	REINSTALL LANDSCAPING	LS	1
48	PER EST. REF.	SHREDDED MULCH, RAIN GARDEN	CY	20
49	PER EST. REF.	MODIFIED SOIL MEDIA, RAIN GARDEN	CY	333
50	PER EST. REF.	CHOKER AGGREGATE, RAIN GARDEN	CY	20
51	PER EST. REF.	STONE BASE LAYER, RAIN GARDEN	TN	116
52	8030-108-A-0	TEMPORARY TRAFFIC CONTROL	LS	1
53	PER EST. REF.	REMOVE, SALVAGE AND REINSTALL TRAFFIC SIGN	EA	5
54	9020-108-A-0	SOD	LS	1
55	PER EST REF	TESTING	LS	1
56	9040-108-F-0	FILTER SOCK	LF	160
57	9040-108-F-1	WATTLE	LF	447
58	9040-108-J-0	RIP RAP	TN	10
59	9040-108-Q-2	STABILIZED CONSTRUCTION ENTRANCE	TN	144
60	9040-108-T-2	INLET PROTECTION DEVICE	EA	1
61	11,050-108-A-0	CONCRETE WASHOUT	EA	1
62	11,020-108-A	MOBILIZATION	LS	1



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PROJECT

STORM LAKE
4th AND BARTON
STORM SEWER
IMPROVEMENTS

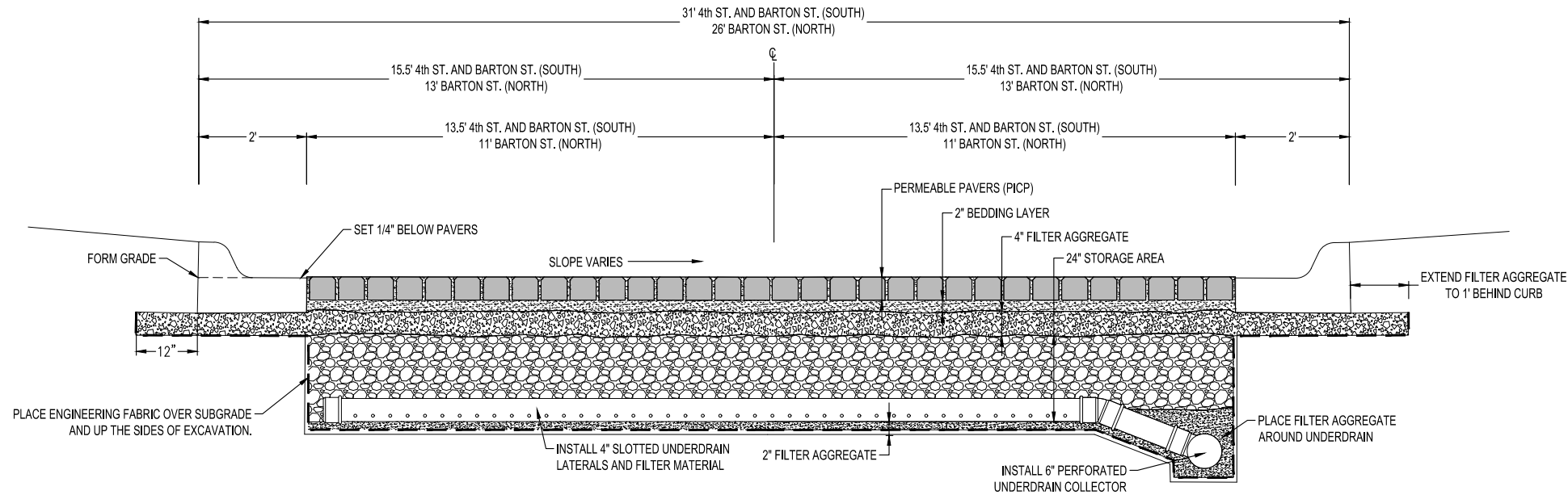
STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 TITLE
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	--/--/--
CLIENT PROJECT NO.	-

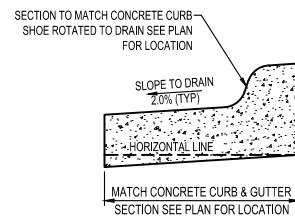
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QUANTITIES AND
ESTIMATE
REFERENCE
INFORMATION

SHEET
G 0-13



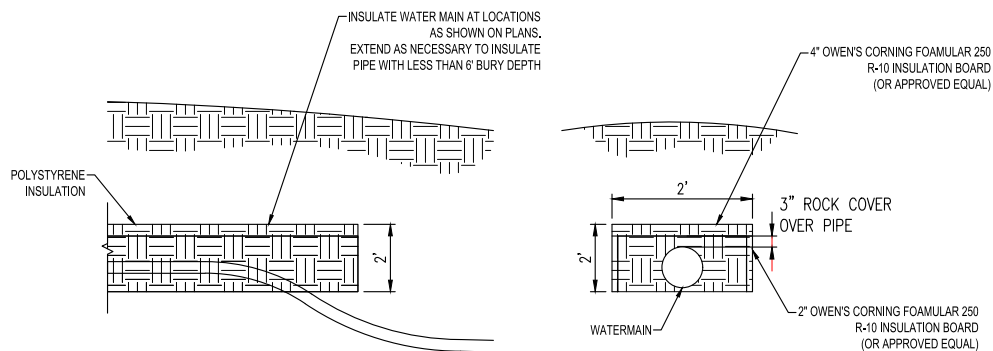
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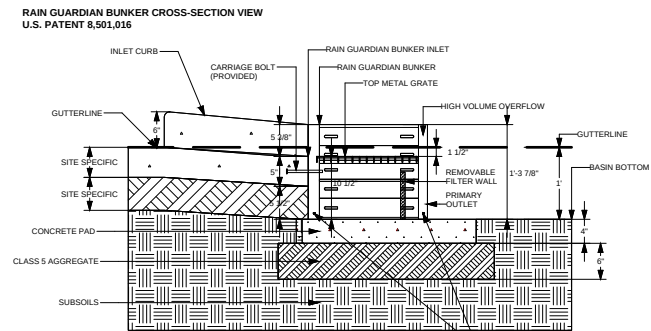
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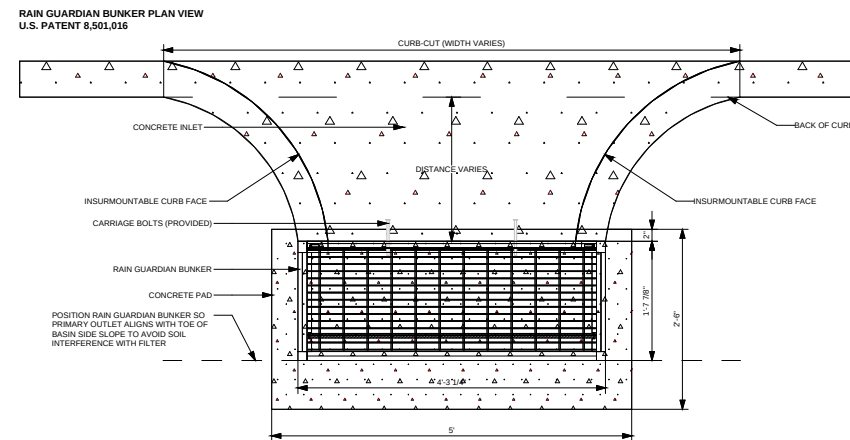
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RAIN GUARDIAN - TYPICAL SECTION

NTS



RAIN GUARDIAN - PLAN

NTS



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PROJECT

STORM LAKE

4th AND BARTON
STORM SEWER
IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO. 16-19284

CAD FILE NAME 19284 DETAILS

DRAWN BY DNA

DESIGNED BY DNA/NB/NSG

REVIEWED BY DSD, NB

ORIGINAL ISSUE DATE --/--/---

CLIENT PROJECT NO. -

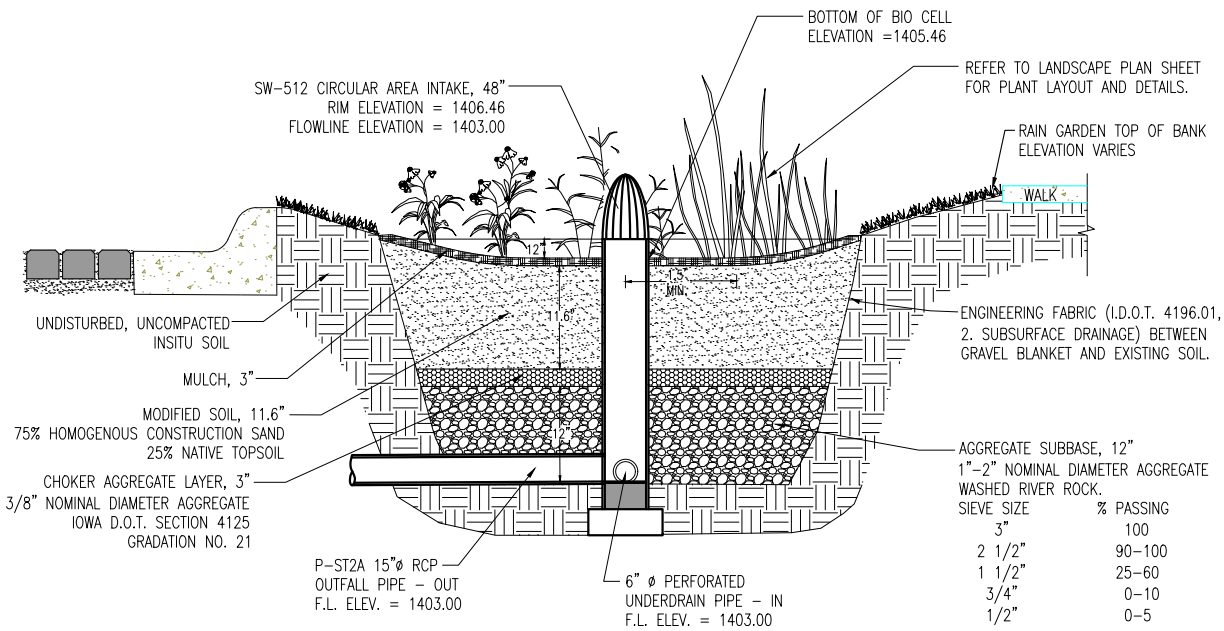
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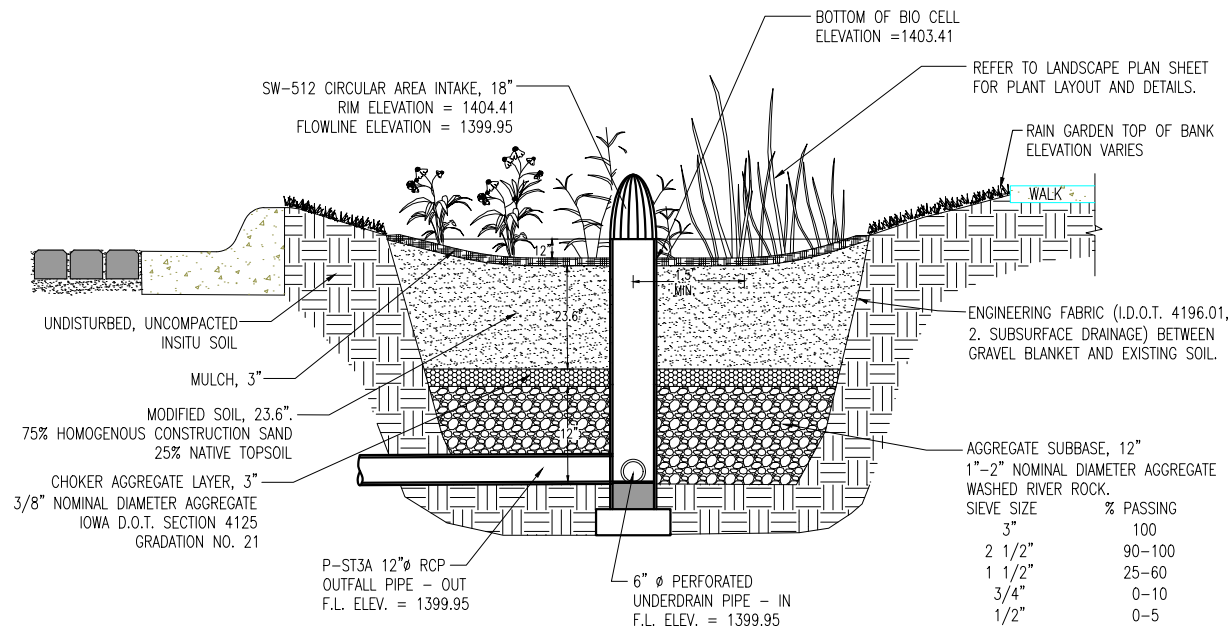
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SHEET

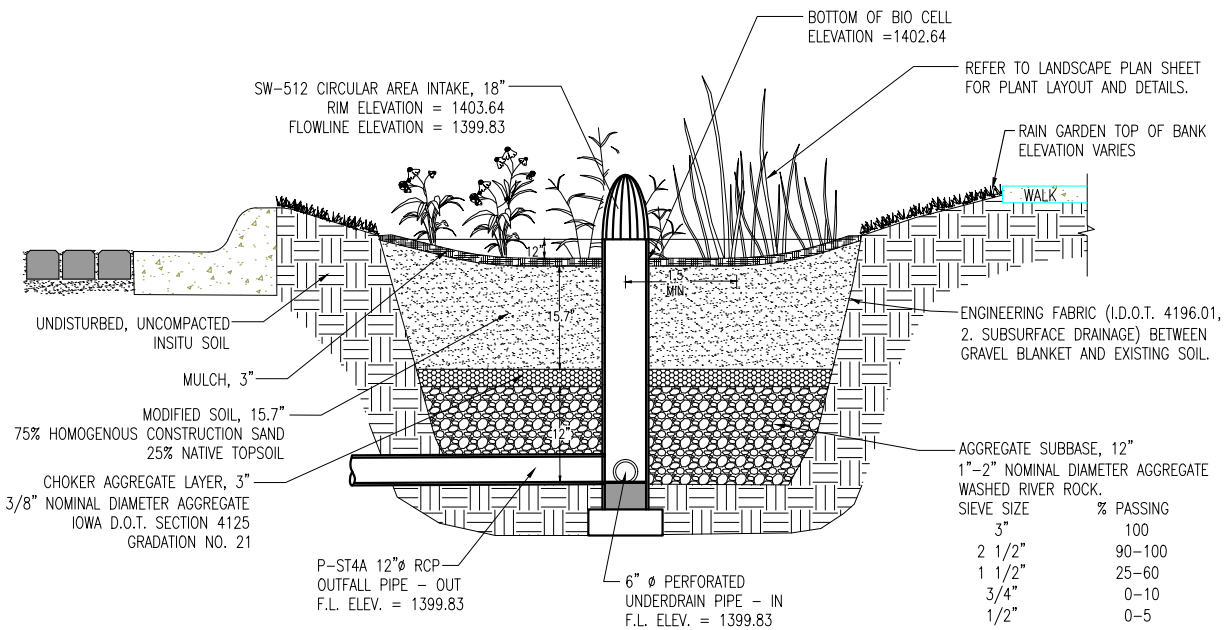
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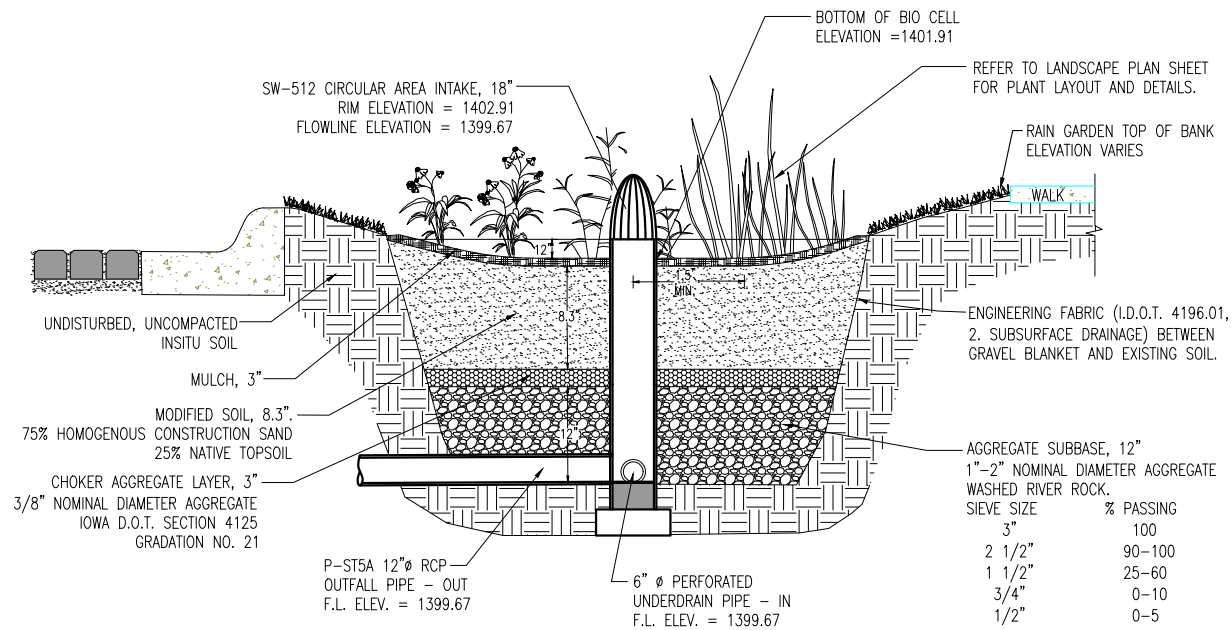
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N.T.S.



TYPICAL SECTION, BIO CELL No. 3
N.T.S.



TYPICAL SECTION, BIO CELL No. 4
N.T.S.



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PROJECT

STORM LAKE 4th AND BARTON STORM SEWER IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

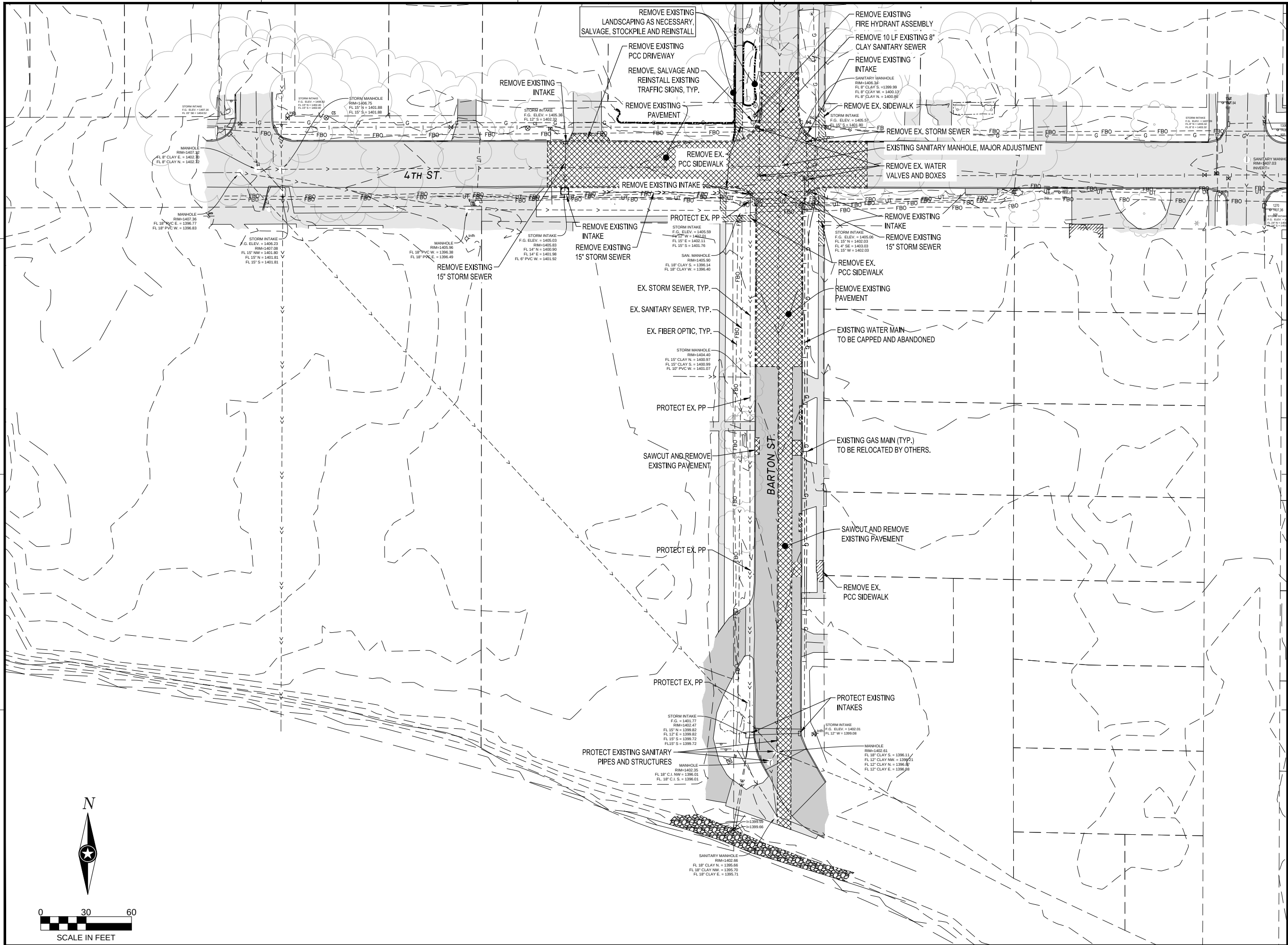
PROJECT NO.	16-19284
CAD FILE NAME	19284 DETAILS
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	---/---/---
CLIENT PROJECT NO.	-

TITLE

DETAILS

SHEET

C0-31



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PROJECT

STORM LAKE

4th AND BARTON

STORM SEWER

IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 EXISTING
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD/NB
ORIGINAL ISSUE DATE	11/11/11
CLIENT PROJECT NO.	-

TITLE

EXISTING

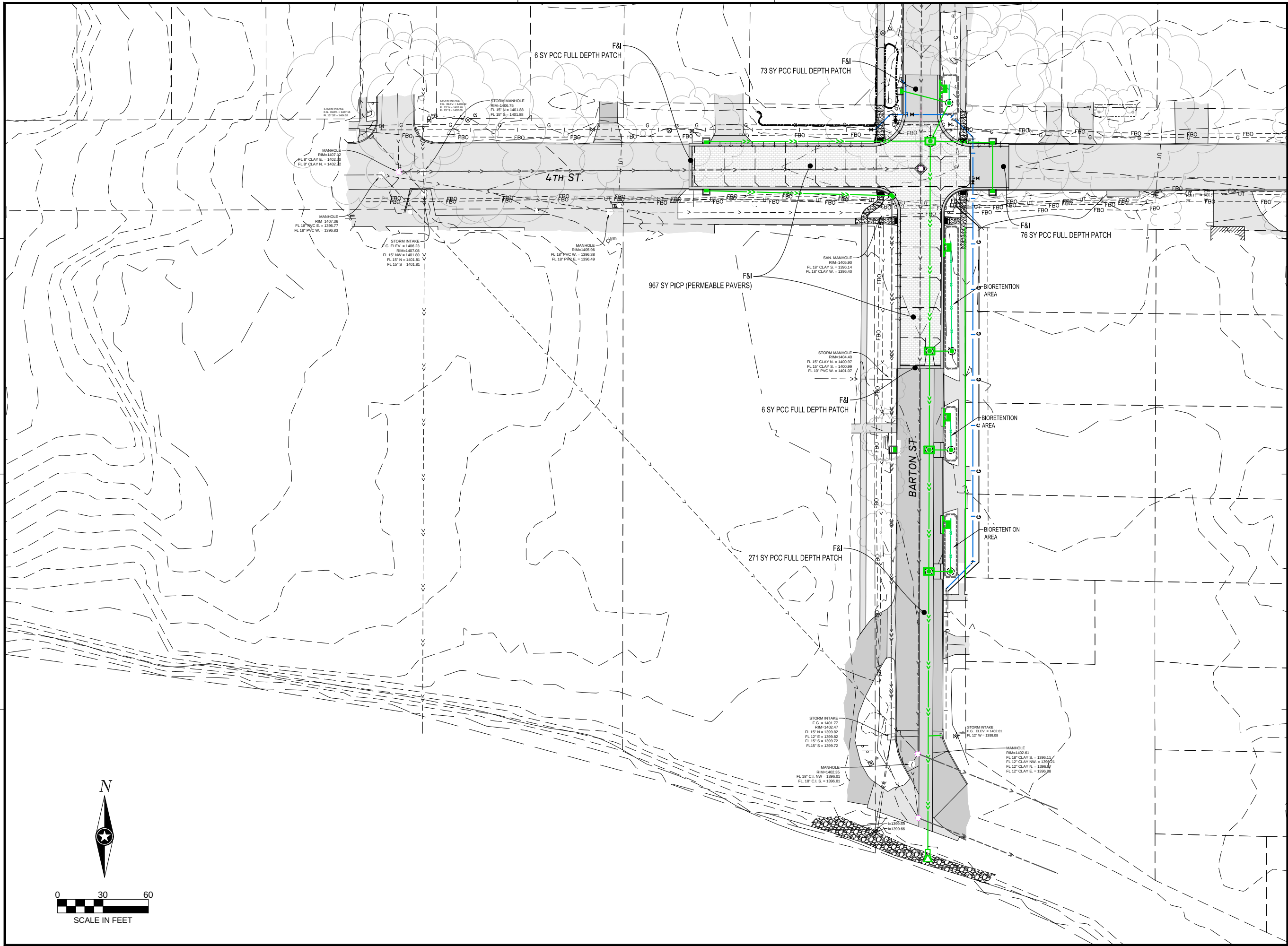
CONDITION &

REMOVALS

Not for Construction

SHEET

C2-10



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PROJECT

STORM LAKE

4th AND BARTON

STORM SEWER

IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 PROPOSED
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD/NB
ORIGINAL ISSUE DATE	---/---/---
CLIENT PROJECT NO.	---

TITLE

PROPOSED SITE

Preliminary

Not for Construction

SHEET

C3-10



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PROJECT

STORM LAKE 4th AND BARTON STORM SEWER IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

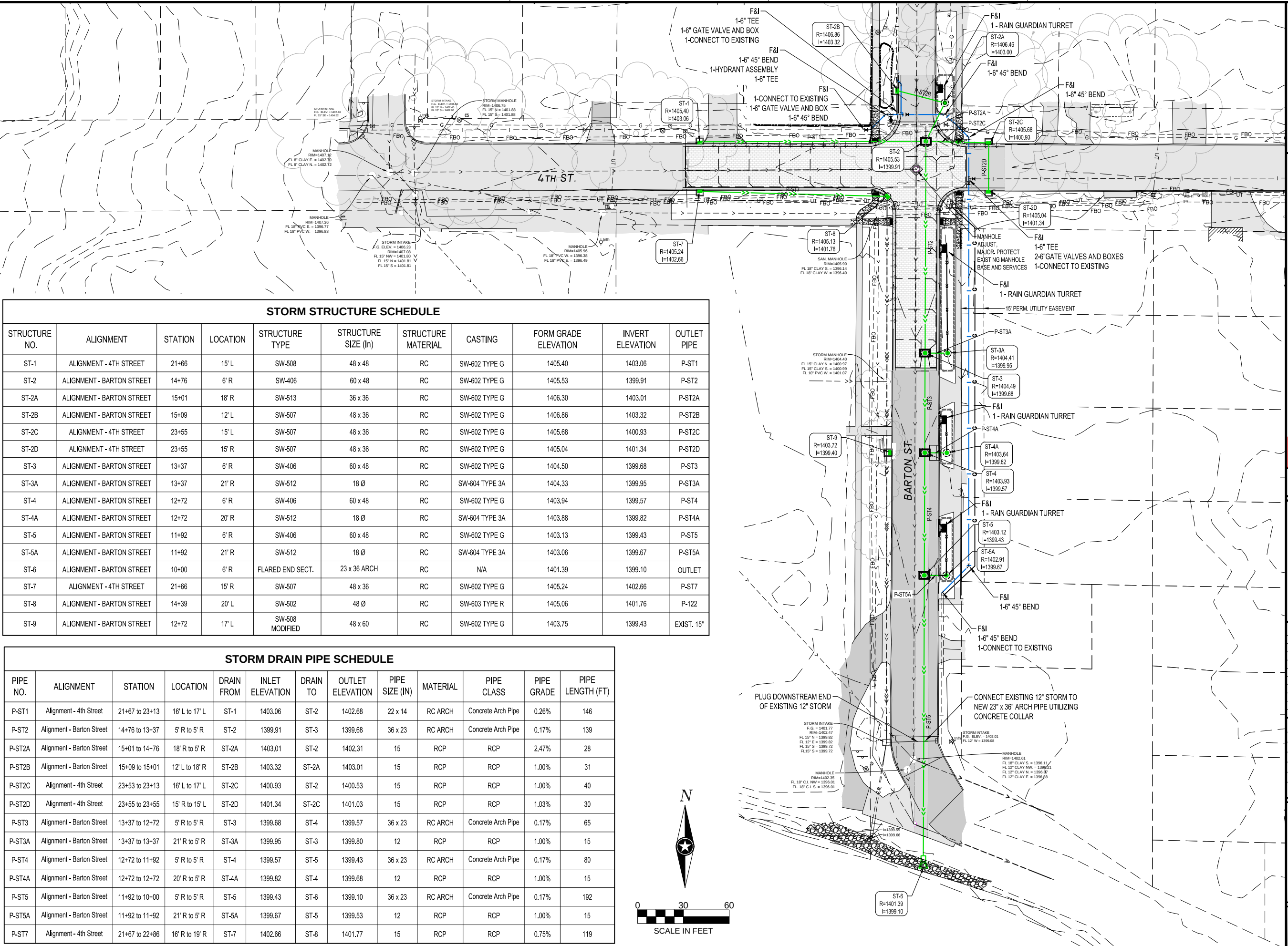
PROJECT NO.	16-19284
CAD FILE NAME	19284 UTILITIES
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD/NB
ORIGINAL ISSUE DATE	11/1/2016
CLIENT PROJECT NO.	

TITLE

OVERALL UTILITY
PLAN
SCHEDULES

SHEET

C3-11

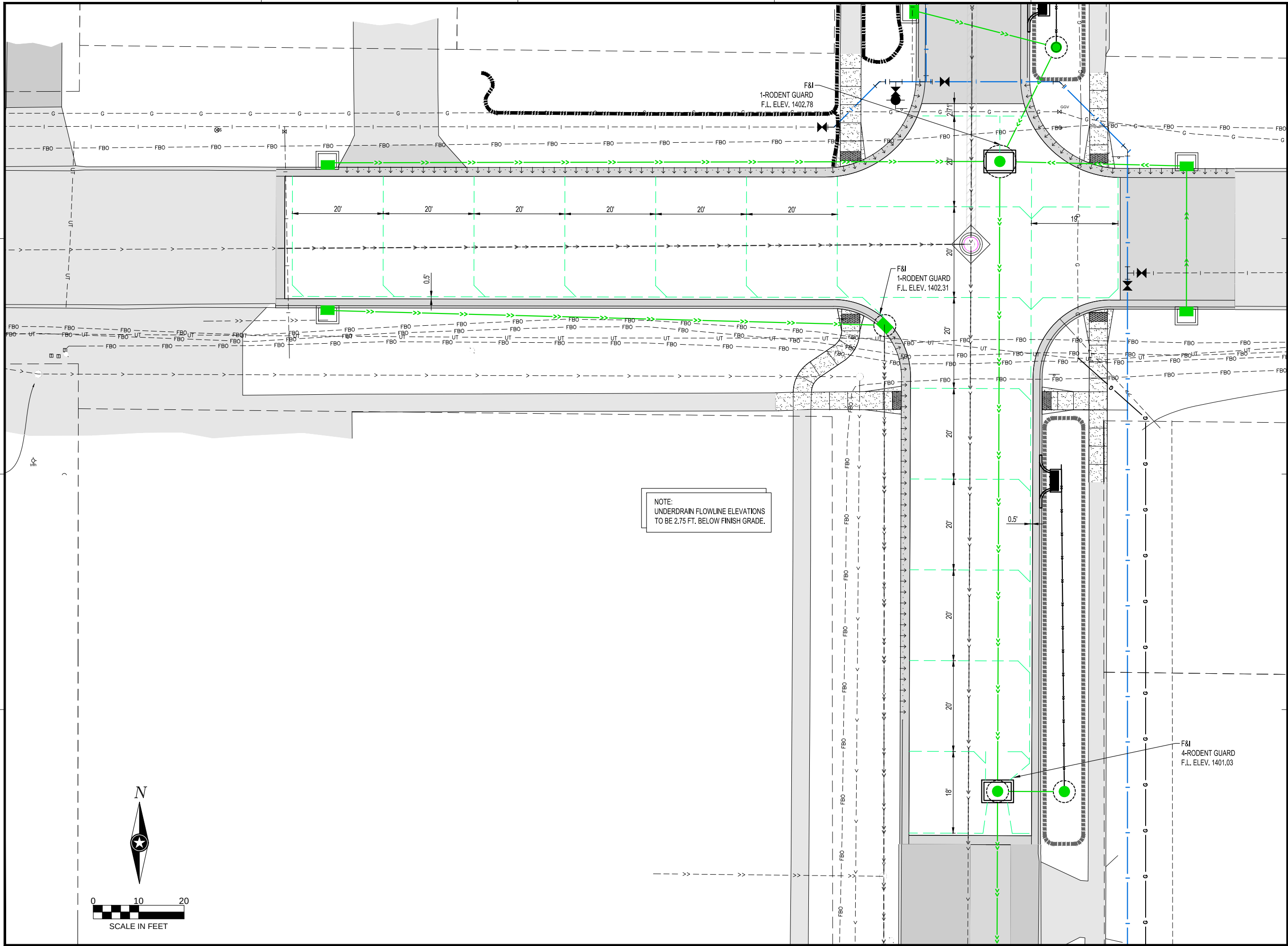


STORM STRUCTURE SCHEDULE

STRUCTURE NO.	ALIGNMENT	STATION	LOCATION	STRUCTURE TYPE	STRUCTURE SIZE (In)	STRUCTURE MATERIAL	CASTING	FORM GRADE ELEVATION	INVERT ELEVATION	OUTLET PIPE
ST-1	ALIGNMENT - 4TH STREET	21+66	15' L	SW-508	48 x 48	RC	SW-602 TYPE G	1405.40	1403.06	P-ST1
ST-2	ALIGNMENT - BARTON STREET	14+76	6' R	SW-406	60 x 48	RC	SW-602 TYPE G	1405.53	1399.91	P-ST2
ST-2A	ALIGNMENT - BARTON STREET	15+01	18' R	SW-513	36 x 36	RC	SW-602 TYPE G	1406.30	1403.01	P-ST2A
ST-2B	ALIGNMENT - BARTON STREET	15+09	12' L	SW-507	48 x 36	RC	SW-602 TYPE G	1406.86	1403.32	P-ST2B
ST-2C	ALIGNMENT - 4TH STREET	23+55	15' L	SW-507	48 x 36	RC	SW-602 TYPE G	1405.68	1400.93	P-ST2C
ST-2D	ALIGNMENT - 4TH STREET	23+55	15' R	SW-507	48 x 36	RC	SW-602 TYPE G	1405.04	1401.34	P-ST2D
ST-3	ALIGNMENT - BARTON STREET	13+37	6' R	SW-406	60 x 48	RC	SW-602 TYPE G	1404.50	1399.68	P-ST3
ST-3A	ALIGNMENT - BARTON STREET	13+37	21' R	SW-512	18 Ø	RC	SW-604 TYPE 3A	1404.33	1399.95	P-ST3A
ST-4	ALIGNMENT - BARTON STREET	12+72	6' R	SW-406	60 x 48	RC	SW-602 TYPE G	1403.94	1399.57	P-ST4
ST-4A	ALIGNMENT - BARTON STREET	12+72	20' R	SW-512	18 Ø	RC	SW-604 TYPE 3A	1403.88	1399.82	P-ST4A
ST-5	ALIGNMENT - BARTON STREET	11+92	6' R	SW-406	60 x 48	RC	SW-602 TYPE G	1403.13	1399.43	P-ST5
ST-5A	ALIGNMENT - BARTON STREET	11+92	21' R	SW-512	18 Ø	RC	SW-604 TYPE 3A	1403.06	1399.67	P-ST5A
ST-6	ALIGNMENT - BARTON STREET	10+00	6' R	FLARED END SECT.	23 x 36 ARCH	RC	N/A	1401.39	1399.10	OUTLET
ST-7	ALIGNMENT - 4TH STREET	21+66	15' R	SW-507	48 x 36	RC	SW-602 TYPE G	1405.24	1402.66	P-ST7
ST-8	ALIGNMENT - BARTON STREET	14+39	20' L	SW-502	48 Ø	RC	SW-603 TYPE R	1405.06	1401.76	P-122
ST-9	ALIGNMENT - BARTON STREET	12+72	17' L	SW-508 MODIFIED	48 x 60	RC	SW-602 TYPE G	1403.75	1399.43	EXIST. 15"

STORM DRAIN PIPE SCHEDULE

PIPE NO.	ALIGNMENT	STATION	LOCATION	DRAIN FROM	INLET ELEVATION	DRAIN TO	OUTLET ELEVATION	PIPE SIZE (IN)	MATERIAL	PIPE CLASS	PIPE GRADE	PIPE LENGTH (FT)
P-ST1	Alignment - 4th Street	21+67 to 23+13	16' L to 17' L	ST-1	1403.06	ST-2	1402.68	22 x 14	RC ARCH	Concrete Arch Pipe	0.26%	146
P-ST2	Alignment - Barton Street	14+76 to 13+37	5' R to 5' R	ST-2	1399.91	ST-3	1399.68	36 x 23	RC ARCH	Concrete Arch Pipe	0.17%	139
P-ST2A	Alignment - Barton Street	15+01 to 14+76	18' R to 5' R	ST-2A	1403.01	ST-2	1402.31	15	RCP	RCP	2.47%	28
P-ST2B	Alignment - Barton Street	15+09 to 15+01	12' L to 18' R	ST-2B	1403.32	ST-2A	1403.01	15	RCP	RCP	1.00%	31
P-ST2C	Alignment - 4th Street	23+53 to 23+13	16' L to 17' L	ST-2C	1400.93	ST-2	1400.53	15	RCP	RCP	1.00%	40
P-ST2D	Alignment - 4th Street	23+55 to 23+55	15' R to 15' L	ST-2D	1401.34	ST-2C	1401.03	15	RCP	RCP	1.03%	30
P-ST3	Alignment - Barton Street	13+37 to 12+72	5' R to 5' R	ST-3	1399.68	ST-4	1399.57	36 x 23	RC ARCH	Concrete Arch Pipe	0.17%	65
P-ST3A	Alignment - Barton Street	13+37 to 13+37	21' R to 5' R	ST-3A	1399.95	ST-3	1399.80	12	RCP	RCP	1.00%	15
P-ST4	Alignment - Barton Street	12+72 to 11+92	5' R to 5' R	ST-4	1399.57	ST-5	1399.43	36 x 23	RC ARCH	Concrete Arch Pipe	0.17%	80
P-ST4A	Alignment - Barton Street	12+72 to 12+72	20' R to 5' R	ST-4A	1399.82	ST-4	1399.68	12	RCP	RCP	1.00%	15
P-ST5	Alignment - Barton Street	11+92 to 10+00	5' R to 5' R	ST-5	1399.43	ST-6	1399.10	36 x 23	RC ARCH	Concrete Arch Pipe	0.17%	192
P-ST5A	Alignment - Barton Street	11+92 to 11+92	21' R to 5' R	ST-5A	1399.67	ST-5	1399.53	12	RCP	RCP	1.00%	15
P-ST7	Alignment - 4th Street	21+67 to 22+86	16' R to 19' R	ST-7	1402.66	ST-8	1401.77	15	RCP	RCP	0.75%	119



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PROJECT

STORM LAKE

4th AND BARTON

STORM SEWER IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 UNDERDRAIN LAYOUT
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	11/1/16
CLIENT PROJECT NO.	-

TITLE

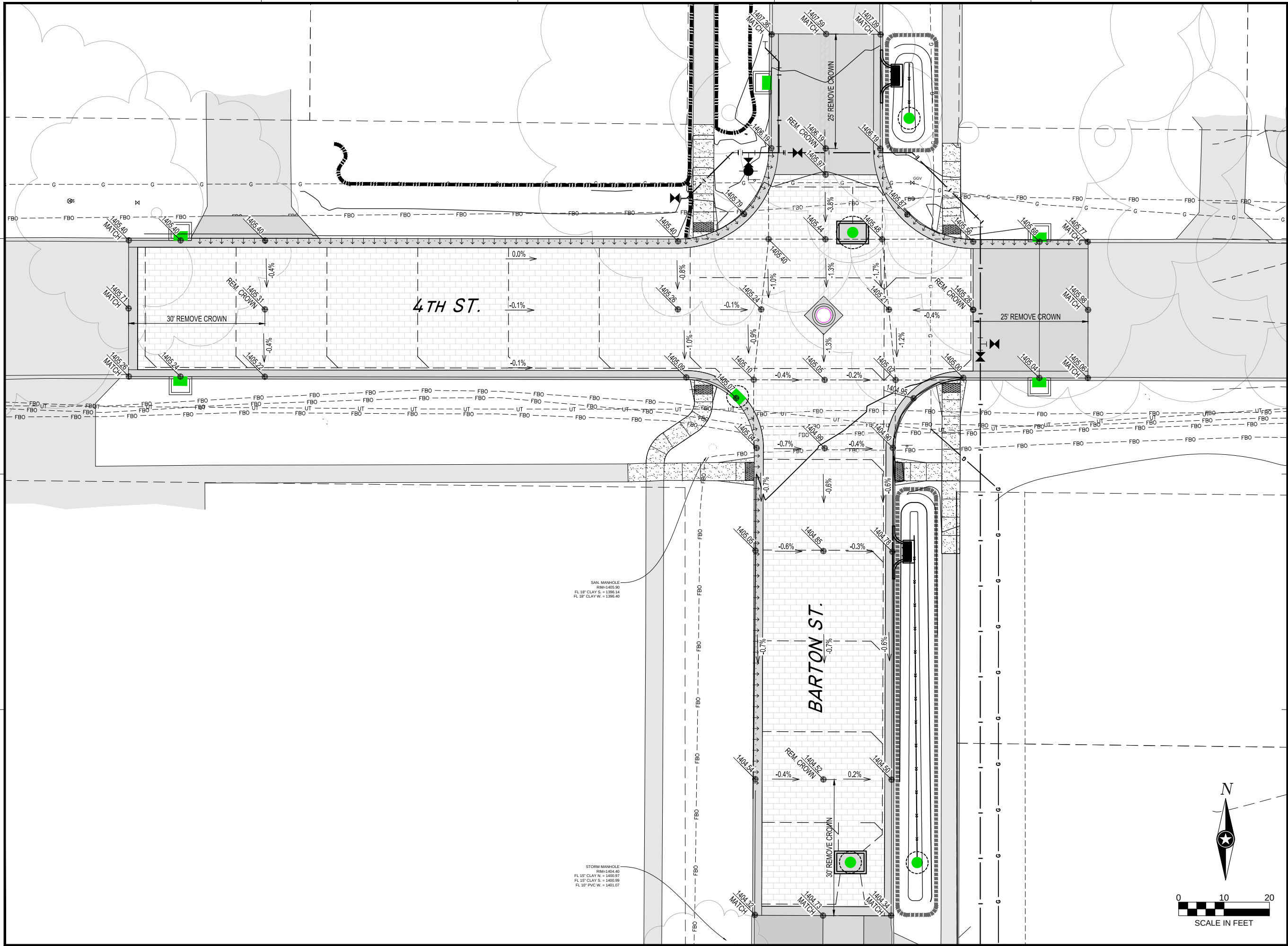
UNDERDRAIN LAYOUT PLAN

Preliminary

Not for Construction

SHEET

C3-12



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PROJECT

STORM LAKE

4th AND BARTON

STORM SEWER IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 GRADING DETAILS
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD/NB
ORIGINAL ISSUE DATE	11/11/11
CLIENT PROJECT NO.	-

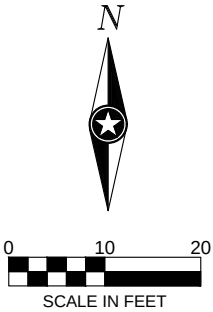
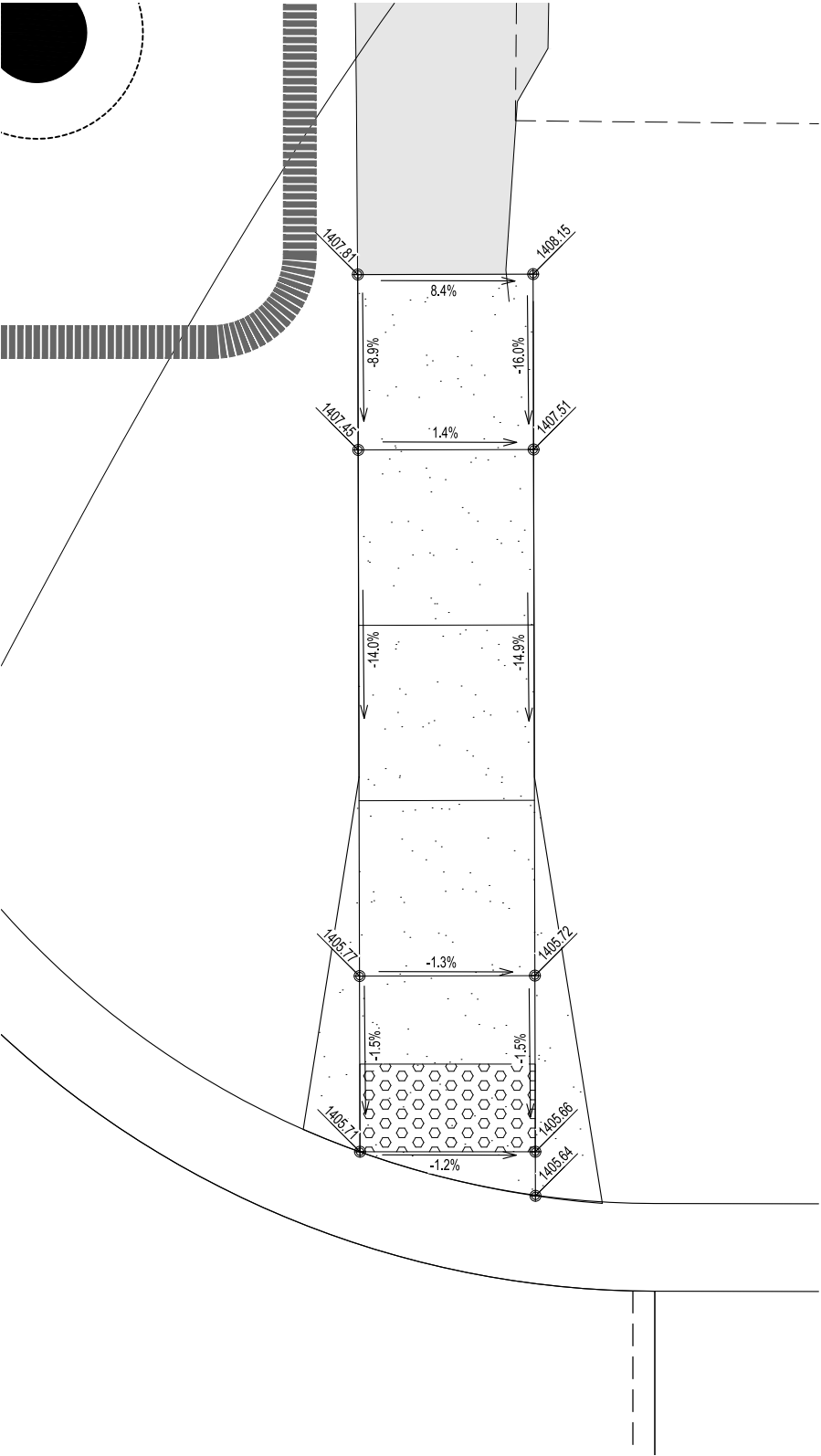
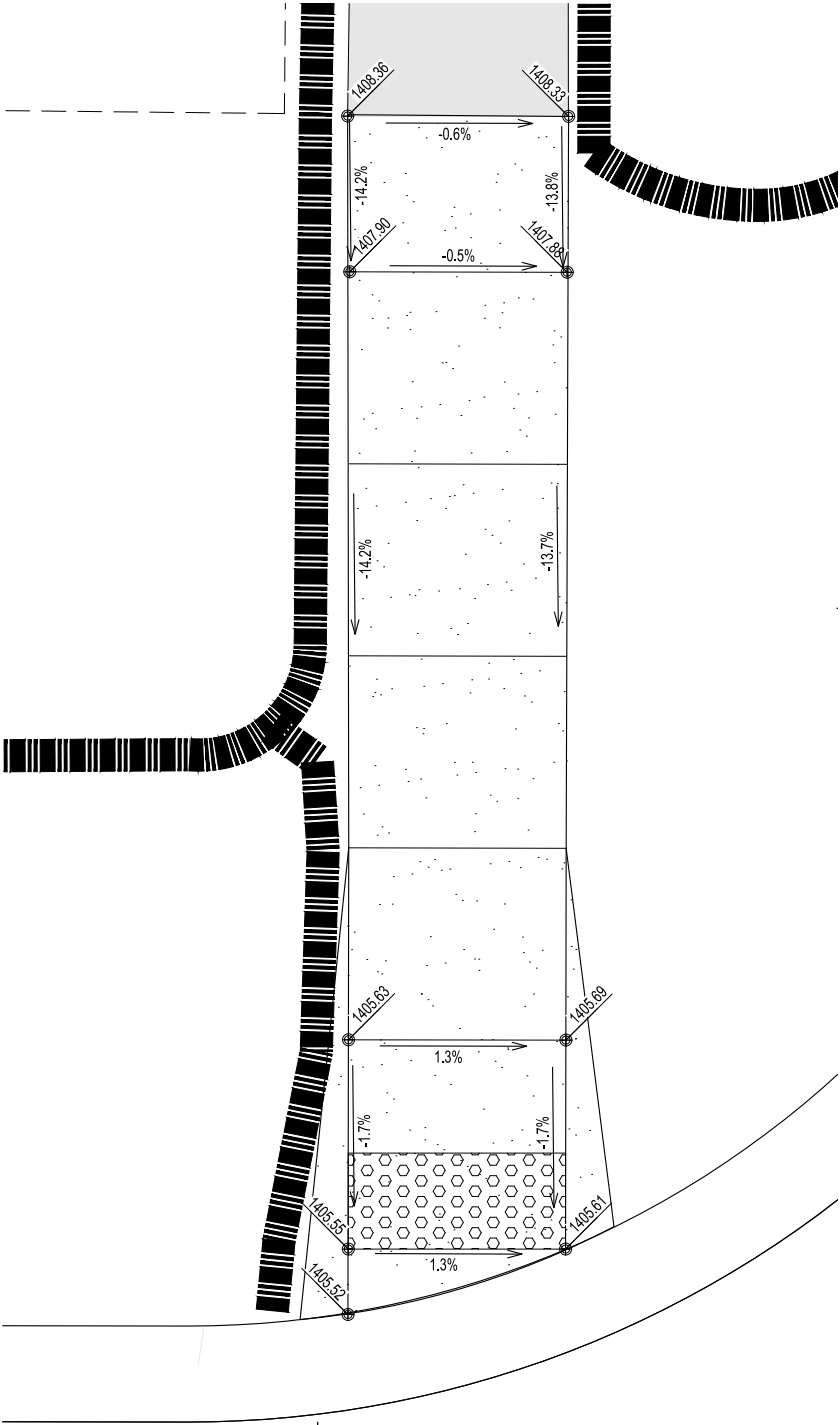
TITLE

GRADING DETAILS

SHEET

C4-10

Preliminary
Not for Construction



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PROJECT

STORM LAKE
4th AND BARTON
STORM SEWER
IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

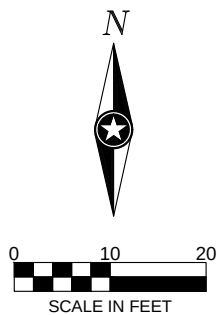
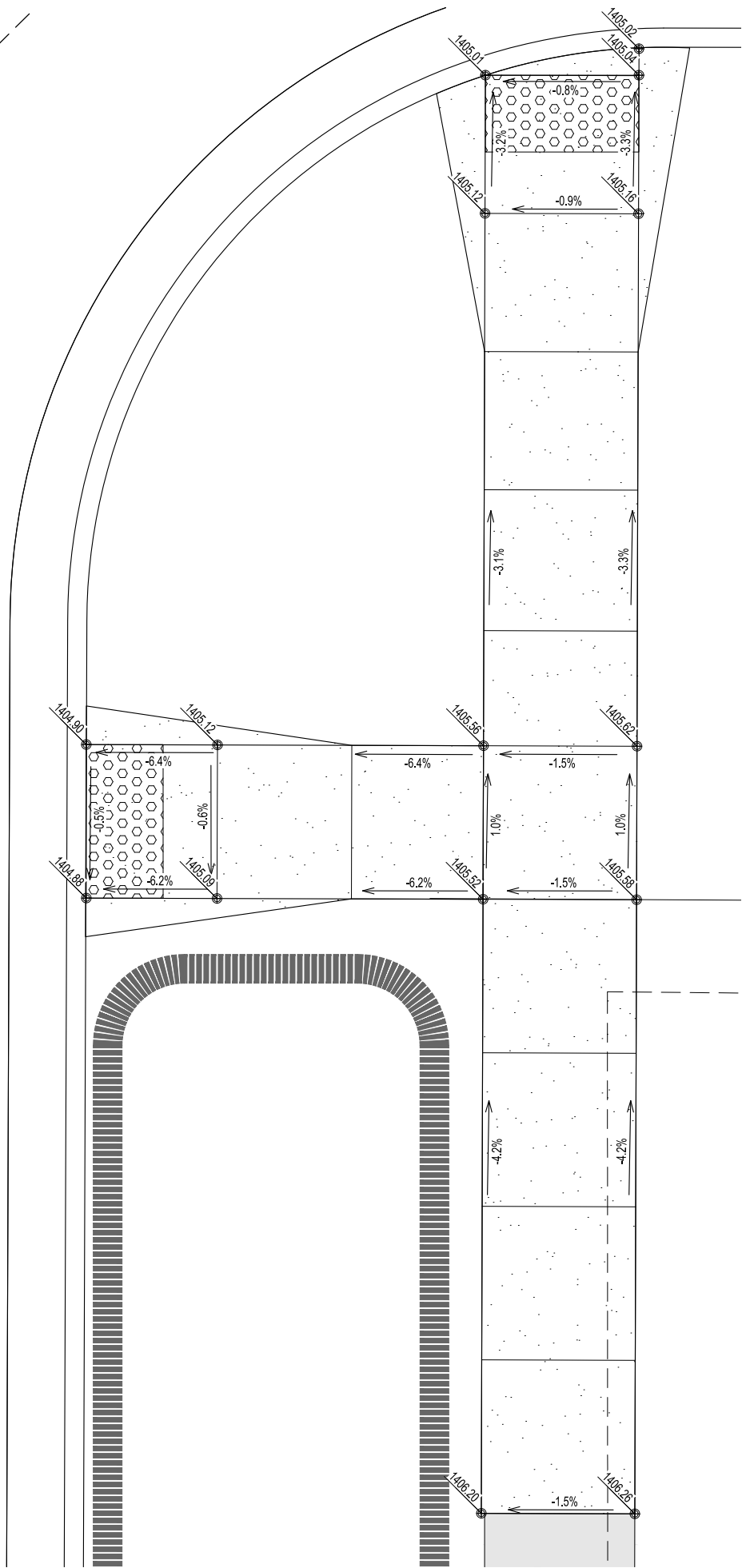
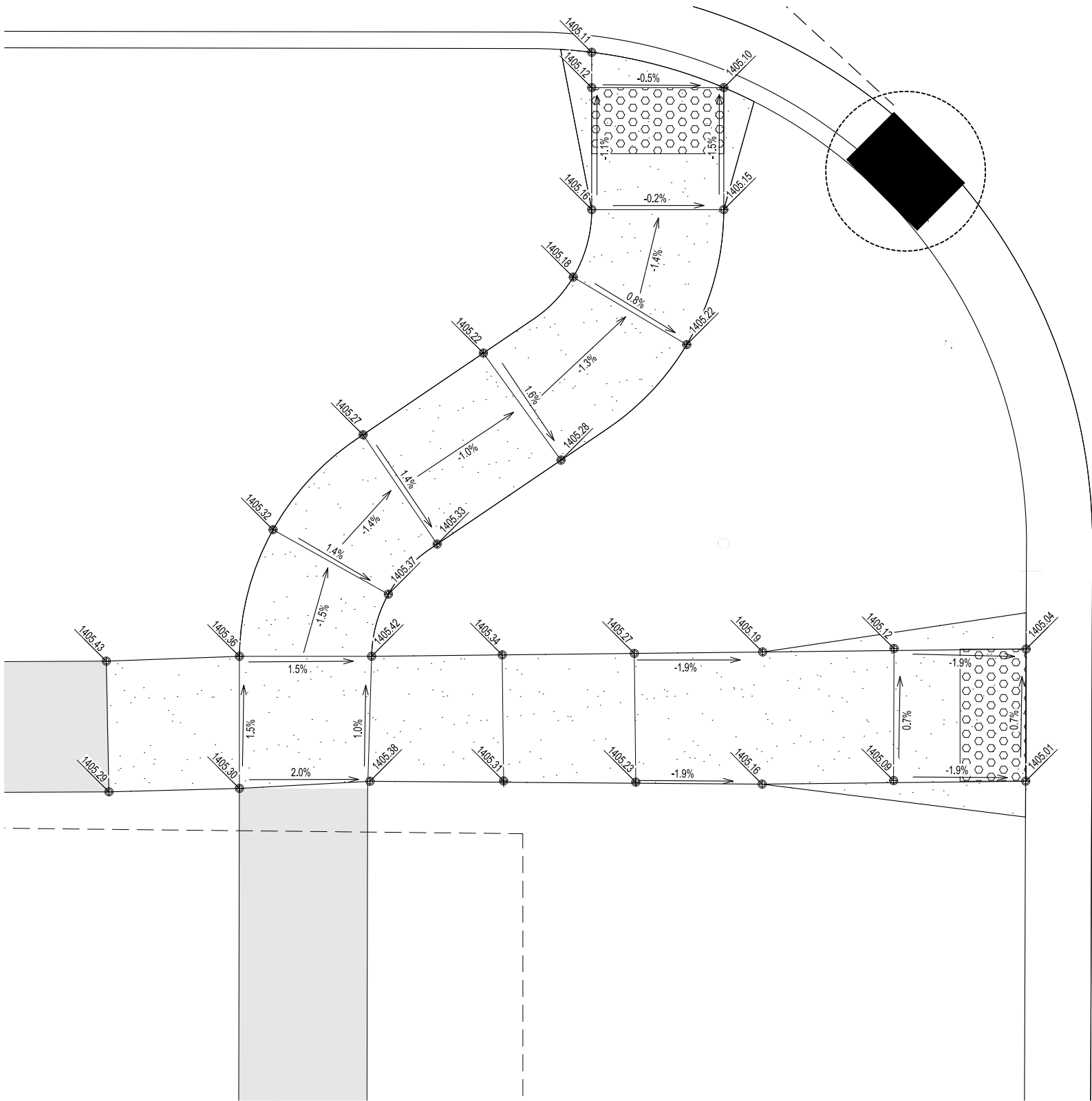
PROJECT NO.	16-19284
CAD FILE NAME	19284 ADA SIDEWALK DETAILS
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	--/--/--
CLIENT PROJECT NO.	-

TITLE

ADA SIDEWALK
DETAILS

SHEET

C4-13



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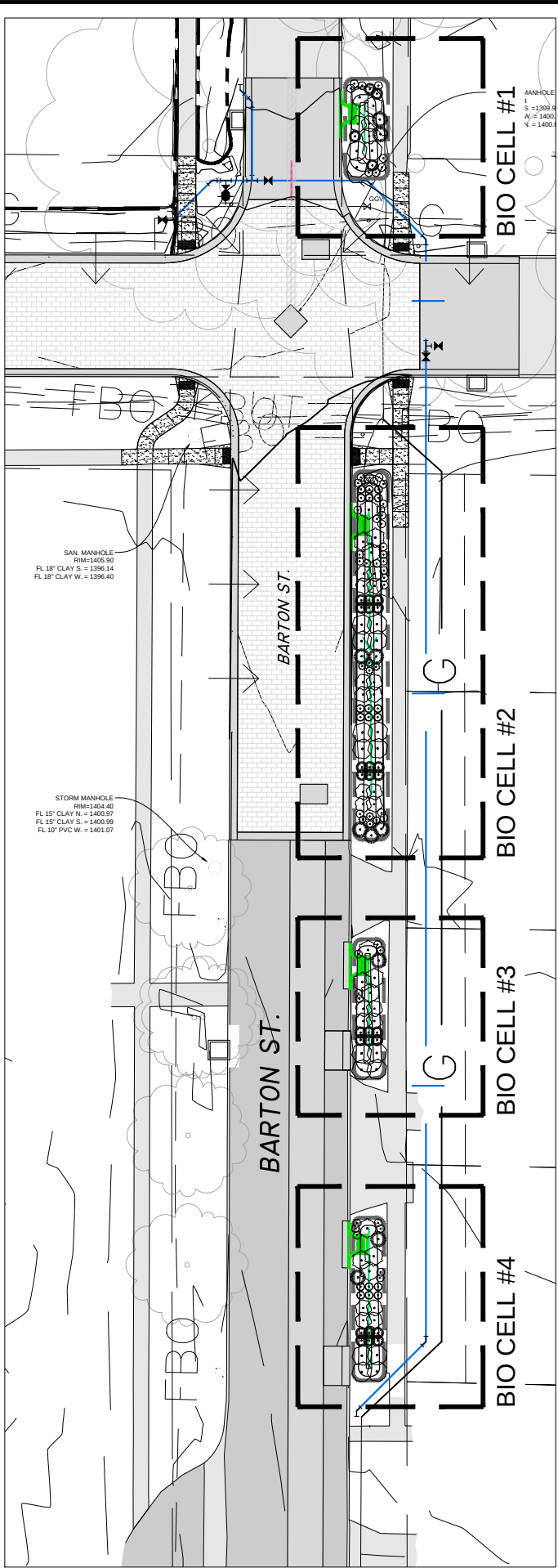
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PROJECT
STORM LAKE
4th AND BARTON
STORM SEWER
IMPROVEMENTS
STORM LAKE IOWA

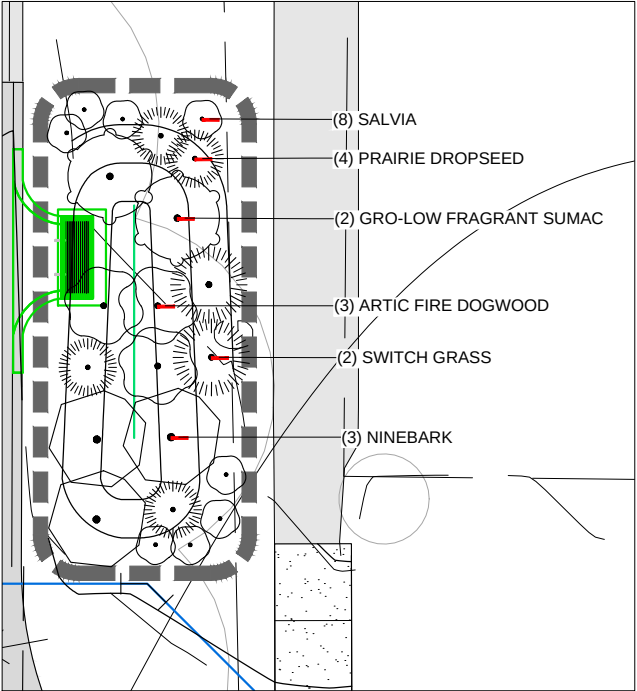
REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 ADA SIDEWALK DETAILS
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	---/---/---
CLIENT PROJECT NO.	-

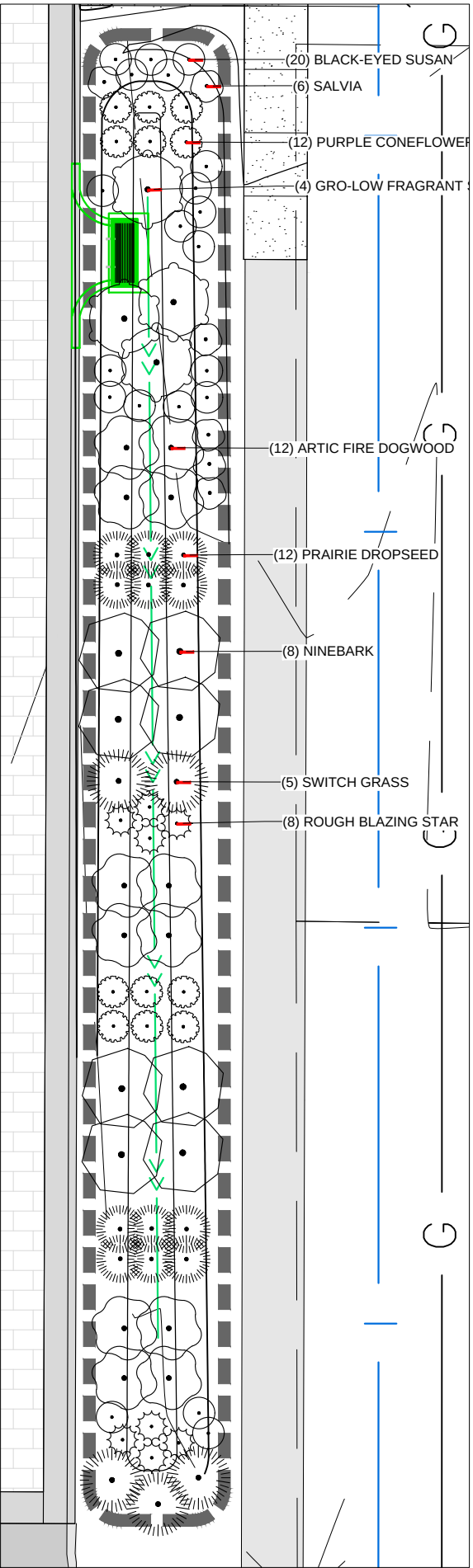
TITLE
ADA SIDEWALK
DETAILS
Not for Construction
SHEET
C 4-14



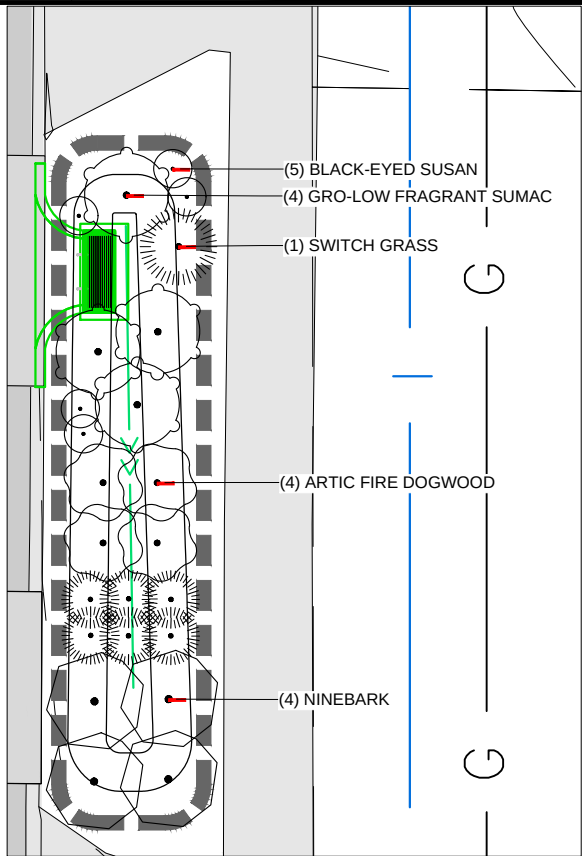
OVERALL SITE RESTORATION PLAN
1" = 20'-0"



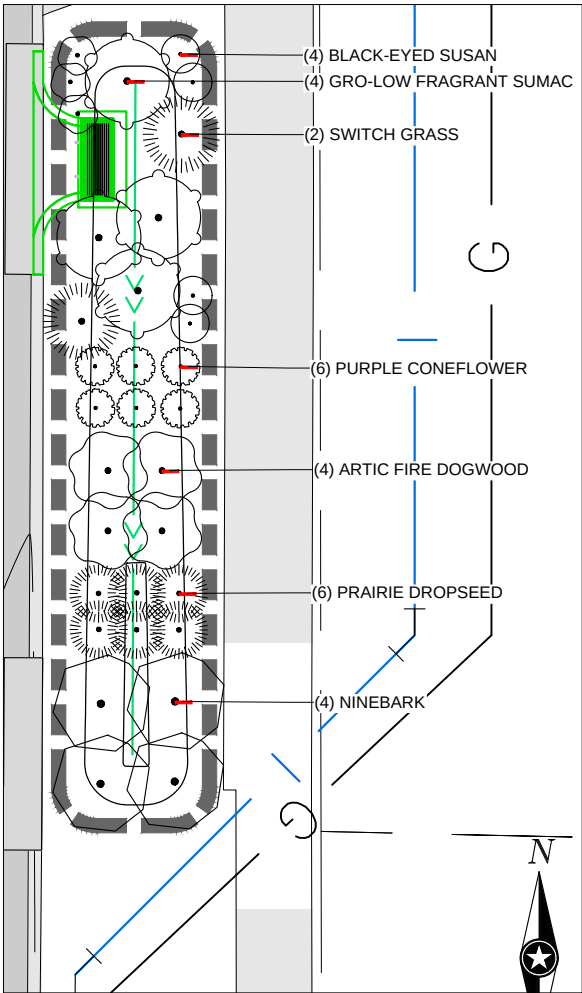
BIO CELL #1 PLANTING PLAN
1" = 5'-0"



BIO CELL #1 PLANTING PLAN
1" = 5'-0"



BIO CELL #1 PLANTING PLAN
1" = 5'-0"



BIO CELL #1 PLANTING PLAN
1" = 5'-0"



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PROJECT

STORM LAKE
4th AND BARTON
STORM SEWER
IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 PLANTING PLAN
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	10/1/11
CLIENT PROJECT NO.	

TITLE

PLANTING PLAN

SHEET

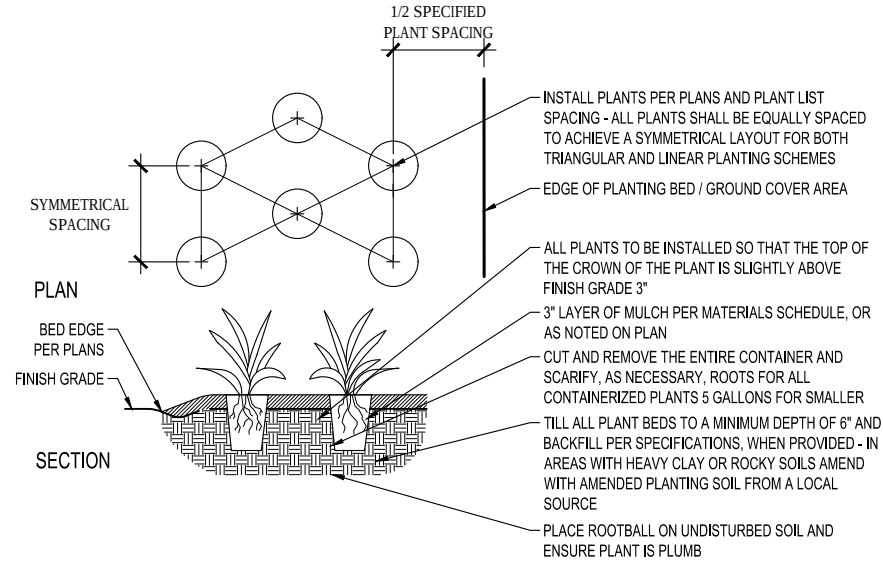
Preliminary
Not for Construction
C5-10

GENERAL PLANTING NOTES

- COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (FENCE, FOOTINGS, TREE ROOTBALLS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
- SAVE AND PROTECT ALL EXISTING TREES NOT NOTED TO BE REMOVED.
- REMOVE ALL CONSTRUCTION DEBRIS AND MATERIALS INJURIOUS TO PLANT GROWTH FROM PLANTING PITS AND BEDS PRIOR TO BACKFILLING WITH PLANTING MIX.
- LAWN AREAS SHALL HAVE 6" MINIMUM DEPTH OF TOPSOIL. TOPSOIL SHALL BE COMPACTED TO 85% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT.
- REFER TO PLANTING DETAILS PLAN FOR AMENDED SOIL DEPTH IN PLANTING BEDS AND SURROUNDING TREES. REFER TO SPECIFICATIONS FOR MIX TYPE.
- FIELD STAKE PLANTINGS ACCORDING TO PLAN. OWNER'S REPRESENTATIVE SHALL APPROVE ALL PLANT LOCATIONS PRIOR TO INSTALLATION. OWNER RESERVES THE RIGHT TO REVISE PLANTING LAYOUT AT TIME OF INSTALLATION.
- ALL PLANT MATERIALS SHALL BE TRUE TO THEIR SCIENTIFIC NAME AND SIZE AS INDICATED IN THE PLANT SCHEDULE.
- IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE SCHEDULE, THE PLANTING PLAN SHALL GOVERN.
- OWNER RESERVES THE RIGHT TO REVISE QUANTITIES TO SUIT BUDGET LIMITATIONS. CONTRACTOR'S UNIT BID PRICES SHALL PREVAIL FOR ANY CHANGES IN QUANTITIES.
- ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE AND OWNER.
- ALL PLANT MATERIALS MUST CONFORM TO AMERICAN STANDARDS FOR NURSERY STOCK (A.N.S.I.), LATEST EDITION PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, WASHINGTON D.C. LARGER SIZED PLANT MATERIALS OF THE SPECIES LISTED MAY BE USED IF THE STOCK CONFORMS TO A.N.S.I.
- ALL PLANT MATERIAL SHALL BE GUARANTEED TO BE IN A LIVE AND HEALTHY GROWING CONDITION FOR ONE FULL GROWING SEASON (ONE YEAR) AFTER FINAL PROJECT ACCEPTANCE OR SHALL BE REPLACED FREE OF CHARGE WITH THE SAME GRADE AND SPECIES. ALL TREES SHALL HAVE A STRONG CENTRAL LEADER.
- CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO OPERATIONS. ANY AREAS THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- PROVIDE SHREDDED HARDWOOD MULCH, NATURAL COLOR, SURROUNDING ALL PROPOSED TREES TO A 3-INCH MINIMUM DEPTH AS SHOWN IN TREE PLANTING DETAIL. DO NOT USE AN UNDERLAYMENT SUCH AS PLASTIC SHEET OR LANDSCAPE FABRIC. IF LOCATED WITHIN A PLANT BED, SUBSTITUTE THIS MULCH WITH THE MULCH CALLED FOR WITHIN THAT PLANT BED. APPLY PRE-EMERGENT TO ALL PLANTING BEDS PRIOR TO MULCHING.
- PROVIDE SHREDDED HARDWOOD MULCH, NATURAL COLOR, IN ALL PLANTING BEDS AS INDICATED ON PLAN TO A 3-INCH MINIMUM DEPTH. DO NOT USE AN UNDERLAYMENT SUCH AS PLASTIC SHEET OR LANDSCAPE FABRIC. APPLY PRE-EMERGENT TO ALL PLANTING BEDS PRIOR TO MULCHING.
- PROVIDE ROCK MULCH IN WHERE INDICATED ON PLAN. SEE DETAIL ON THIS PAGE. ALL TURF AREAS DISTURBED BY CONSTRUCTION SHALL BE SODDED. SOD SECTIONS SHALL BE NO SMALLER THAN 24" X 36" STAKED IN PLACE WITH BIODEGRADABLE SOD STAKES WHEN SLOPE IS STEEPER THAN 5:1 OR WHEN CONDITIONS REQUIRE.
- FOR SEEDING, FOLLOW IOWA SUDAS (STATEWIDE URBAN DESIGN AND SPECIFICATIONS) FOR SEEDING SPECIFICATIONS AND PLANTING PROCEDURES. (WWW.IOWASUDAS.ORG)
- FOR PLANT, SHRUB, AND TREE LOCATIONS: CONTRACTOR IS PERMITTED TO USE DISCRETION AS NECESSARY TO AVOID DRIVEWAYS, UTILITIES, OR OTHER CONFLICTS. THE TOTAL NUMBER OF PLANTS, INCLUDING SHRUBS AND TREES SHALL MEET CITY CODE.
- INDICATED QUANTITIES ARE ESTIMATES AND SHOULD BE CONFIRMED BY THE CONTRACTOR/BIDDER.

PLANT SCHEDULE

SHRUBS	BOTANICAL NAME / COMMON NAME	ROOT	SIZE	NOTE	QTY
	CORNUS SERICEA `ARTIC FIRE` / ARTIC FIRE DOGWOOD	CONT	24" MIN HT		23
	PHYSOCARPUS OPULIFOLIUS `AMBER JUBILEE` / NINEBARK	CONT	24" MIN HT		19
	RHUS AROMATICA `GRO-LOW` / GRO-LOW FRAGRANT SUMAC LOW SPREADING, RED FRUIT CLUSTERS ON FEMALES	12" HT	CONT		14
PERENNIALS	BOTANICAL NAME / COMMON NAME	ROOT	SIZE	NOTE	QTY
	ECHINACEA PURPUREA / PURPLE CONEFLOWER	6"	PLUG	6" HT MIN	18
	LIATRIS ASPERA / ROUGH BLAZING STAR	6"	PLUG	6" HT MIN	8
	PANICUM VIRGATUM `SHENANDOAH` / SWITCH GRASS	CONT	24" MIN HT		10
	RUDBECKIA FULGIDA `GOLDSTRUM` / BLACK-EYED SUSAN SUN + WELL-DRAINED SOILS YELLOW FLOWER BEES/BUTTERFLIES	CONT	12" MIN HT	BLOOMS JUNE-OCTOBER	29
	SALVIA X SYLVESTRIS VAR. / SALVIA PURPLE FLOWER	CONT	12" MIN HT	BLOOMS JUNE-AUGUST	17
	SPOROBOLUS HETEROLEPIS `TARA` / PRAIRIE DROPSEED	CONT	18" MIN HT		28



PERENNIAL PLANTING DETAIL
SCALE: 1" = 1'-0"



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PROJECT

STORM LAKE

4th AND BARTON

STORM SEWER

IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 PLANTING PLAN
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	--/--/--
CLIENT PROJECT NO.	-

TITLE

PLANTING DETAILS

Staff Summary

2/3/2020

Agenda Item # 4.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Scott Olesen, Building Official

SUBJECT: **Resolution No. 45-R-2019-2020 to Approve the 4th & Barton Storm Sewer Improvements Project Plans, Specifications and Form of Contract**

BACKGROUND: Eight NRDC-HUD funded projects were originally approved. The 4th & Barton Storm Sewer Improvements Project is one of the projects. This project will include storm sewer, streets, permeable pavers and water main improvements. ISG is the engineer for the project.

The Public Hearing was held February 3, 2020. Bid opening will be on February 13, 2020 with bid award scheduled at the Council meeting on February 17, 2020

FISCAL IMPACT: The project is funded 75% by federal HUD money and 25% local match.

RECOMMENDATION: Adopt Resolution No. 45-R-2019-2020 to Approve the 4th & Barton Storm Sewer Improvements Project Plans, Specifications and Form of Contract

ATTACHMENTS:

Description	Type
☐ Resolution No. 45-R-2019-2020	Resolution
☐ Project Manual	Backup Material

RESOLUTION NO. 45-R-2019-2020

RESOLUTION ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT,
ESTIMATE OF COST, BID AND AWARD CONTRACT FOR THE 4th AND BARTON
STORM SEWER IMPROVEMENTS PROJECT

WHEREAS, the plans, specifications, form of contract, estimate of cost, and award bid were filed with the CITY for the construction of certain public improvements described in general as the 4th and Barton Storm Sewer Improvements Project; and

WHEREAS, notice of hearing on plans, specifications, form of contract and estimate of cost for said public improvements was published as required by law:

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF
STORM LAKE, IOWA;

Section 1. That the said plans, specifications, form of contract and estimate of cost, are hereby approved as the plans, specifications, form of contract and estimate of cost for said public improvements, as described in the preamble of this Resolution.

PASSED AND APPROVED this 3rd day of February, 2020.

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk

STORM LAKE

4th AND BARTON STORM SEWER IMPROVEMENTS



STORM LAKE, IOWA

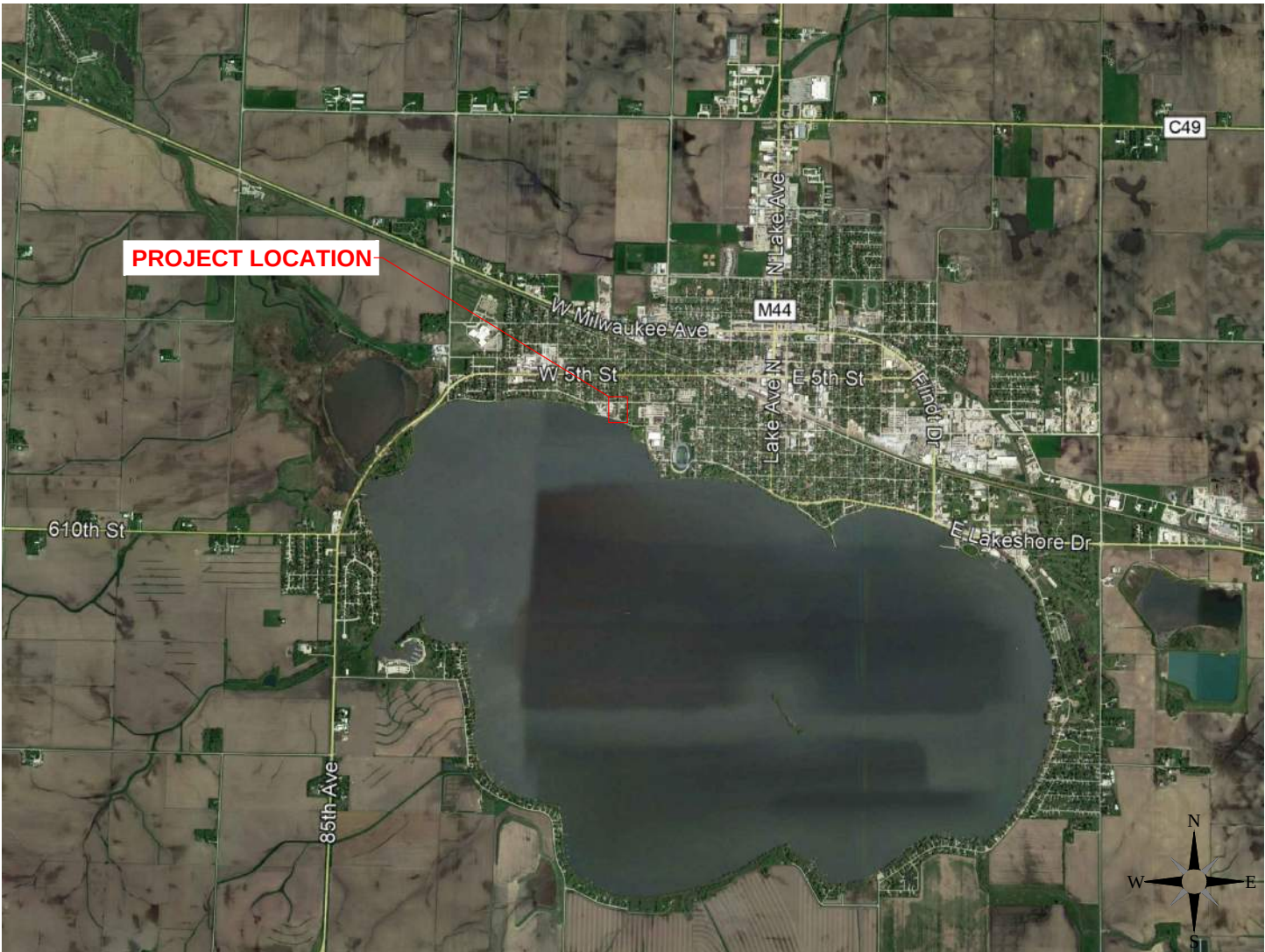
CONSTRUCTION PLANS FOR:

ISG PROJECT # 16-19284

STORM SEWER, STREETS, PERMEABLE PAVERS AND WATER MAIN

LEGEND

EXISTING	
	CITY LIMITS
	SECTION LINE
	QUARTER SECTION LINE
	RIGHT OF WAY LINE
	PROPERTY / LOTLINE
	EASEMENT LINE
	ACCESS CONTROL
	WATER EDGE
	WETLAND BOUNDARY
	WETLAND / MARSH
	FENCE LINE
	CULVERT
	STORM SEWER
	SANITARY SEWER
	SANITARY SEWER FORCEMAIN
	WATER
	GAS
	OVERHEAD ELECTRIC
	UNDERGROUND ELECTRIC
	UNDERGROUND TELEPHONE
	UNDERGROUND TV
	OVERHEAD UTILITY
	UNDERGROUND UTILITY
	UNDERGROUND FIBER OPTIC
	CONTOUR (MAJOR)
	CONTOUR (MINOR)
	DECIDUOUS TREE
	CONIFEROUS TREE
	TREE LINE
	MANHOLE/STRUCTURE
	CATCH BASIN
	HYDRANT
	VALVE
	CURB STOP
	POWER POLE
	UTILITY PEDESTAL / CABINET
PROPOSED	
	LOT LINE
	RIGHT OF WAY
	EASEMENT
	CULVERT
	STORM SEWER
	STORM SEWER (PIPE WIDTH)
	SANITARY SEWER
	SANITARY SEWER (PIPE WIDTH)
	WATER
	GAS
	OVERHEAD ELECTRIC
	UNDERGROUND ELECTRIC
	UNDERGROUND TV
	CONTOUR
	MANHOLE
	CATCH BASIN
	HYDRANT
	VALVE



LOCATION MAP



Sheet Index

G0-10	TITLE SHEET	C3-10	PROPOSED SITE
G0-11	CONSTRUCTION NOTES	C3-11	OVERALL UTILITY PLAN AND SCHEDULES
G0-12	QUANTITIES AND ESTIMATE REFERENCE INFORMATION	C3-12	UNDERDRAIN LAYOUT PLAN
G0-13	QUANTITIES AND ESTIMATE REFERENCE INFORMATION	C4-10	GRADING DETAILS
C0-30	DETAILS	C4-11	PLAN AND PROFILE 4th ST.
C0-31	DETAILS	C4-12	PLAN AND PROFILE BARTON ST.
C2-10	EXISTING CONDITIONS & REMOVAL	C4-13	ADA SIDEWALK DETAILS
		C4-14	ADA SIDEWALK DETAILS
		C5-10	PLANTING PLAN
		C5-11	PLANTING DETAILS

SEAL	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. DAVID S. DOXTAD
	PRINTED SIGNATURE
	SIGNATURE SIGNATURE DATE
	12/31/2019
	REGISTRATION EXPIRES
	SHEETS COVERED BY THIS SEAL SHEETS G0-01
	THRU C4-12

SEAL	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 LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF IOWA. NATHAN S. GRUVER
	PRINTED SIGNATURE
	SIGNATURE SIGNATURE DATE
	DECEMBER 31, 2019
	REGISTRATION EXPIRES
	SHEETS COVERED BY THIS SEAL SHEETS C5-10
	THRU C5-11



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PROJECT

STORM LAKE

4th AND BARTON

STORM SEWER

IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 TITLE
DRAWN BY	DNA
DESIGNED BY	NB/DNA/NSG
REVIEWED BY	DSD/NB
ORIGINAL ISSUE DATE	12/1/19
CLIENT PROJECT NO.	-

TITLE

TITLE SHEET

SHEET

G0-10

PROJECT INDEX:

OWNER:

CITY OF STORM LAKE
620 ERIE STREET
STORM LAKE, IA 50588
PH: (712) 732-8000

PROJECT

ADDRESS / LOCATION:

SECTION 4, T90N, R37W
INTERSECTION OF 4TH STREET AND
BARTON STREET

HAYES TWP
STORM LAKE, IOWA

MANAGING OFFICE:



STORM LAKE OFFICE
1725 LAKE AVE. NORTH
PO BOX 458
STORM LAKE, IA 50588
PHONE: 712.732.7745

PROJECT MANAGER: NICK BUSE
EMAIL: NICK.BUSE@IS-GRP.COM

SPECIFICATIONS REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE CITY OF STORM LAKE REQUIREMENTS AND WITH THE 2018 EDITION OF THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) FOR PUBLIC IMPROVEMENTS, UNLESS DIRECTED OTHERWISE.

PROJECT DATUM

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), ZONE 4 SIOUX CITY/OWA FALLS, ON THE IOWA REGIONAL COORDINATE SYSTEM, IN U.S. SURVEY FEET.
ELEVATIONS HAVE BEEN REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
RTK GPS METHODS WERE USED TO ESTABLISH HORIZONTAL AND VERTICAL COORDINATES FOR THIS PROJECT.

TOPOGRAPHIC SURVEY

THIS PROJECT'S TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED IN APRIL 2017 BY ISG.

B.M. ELEVATION = 1408.15
TOP NUT OF FIRE HYDRANT
SOUTH SIDE OF 4th STREET,
190' +/- WEST OF BARTON STREET

B.M. ELEVATION = 1405.75
TOP NUT OF FIRE HYDRANT
EAST SIDE OF BARTON STREET, AT THE
INTERSECTION WITH LIGHTHOUSE DRIVE

CONSTRUCTION NOTES

1.

ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
2.

ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS. WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT / ENGINEER.
3.

CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
4.

ALL PROPERTY PINS SHALL BE PROTECTED FROM GRADING OR OTHER OPERATIONS. ANY PINS DISTURBED SHALL BE RESET AT THE CONTRACTOR'S EXPANSE.
5.

THE 2018 EDITION OF THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) SHALL APPLY TO CONSTRUCTION WORK ON THE PROJECT. A FULL IOWA SUDAS SPECIFICATIONS MANUAL CAN BE FOUND ONLINE FOR FREE AT WWW.IOWASUDAS.COM.
6.

WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
7.

THE WORK TO BE ACCOMPLISHED FOR THE CONSTRUCTION OF THIS PROJECT WILL OCCUR ON CITY PROPERTY. THE CONTRACTOR SHOULD CONFINE OPERATIONS, PEOPLE, AND EQUIPMENT TO THE CITY'S PROPERTY.
8.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS MATERIALS NOT TO BE INCORPORATED IN THE WORK INVOLVED IN THE PROJECT (UNSUITABLE EXCAVATION, WASTE PIPE, ETC.).
9.

PUBLIC UTILITY FIXTURES ARE EXISTING WITHIN THE CONSTRUCTION AREA. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THESE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR ANY NECESSARY MODIFICATION OF SERVICES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.
10.

SEEDING AND FERTILIZING IS INCLUDED IN THIS CONTRACT. CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING AND PREPARING AREAS DISTURBED BY CONTRACTOR'S OPERATIONS FOR SEEDING. ALL DEBRIS GREATER THAN GOLF BALL SIZE SHALL BE REMOVED AND AREA SHALL BE RAKED SMOOTH. CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE OF THE OWNER'S PROPERTY DURING OPERATIONS AND SHALL MAKE A REASONABLE EFFORT TO NOT DISTURB AREAS GREATER THEN NECESSARY DURING CONSTRUCTION. AREAS OF NONGERMINATION WILL BE RESEEDED AND REFERTILIZED BY THE CONTRACTOR. COST IS TO BE CONSIDERED INCIDENTAL.
11.

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE ALL NECESSARY TRAFFIC CONTROL SIGNS, DEVICES, ETC., AND TO PLACE, MAINTAIN, AND REMOVE SAME AS CONSTRUCTION COMMENCES AND IS COMPLETED IN ACCORDANCE WITH THE CURRENT EDITION OF THE IOWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS. FAILURE TO COMPLY WITH THIS PORTION OF THE SPECIFICATIONS WILL RESULT IN SUSPENSION OF WORK UNTIL THE SITUATION IS CORRECTED. A REDUCTION IN THE LUMP SUM TO BE PAID WILL BE MADE FOR EXCESSIVE NONCOMPLIANCE WITH REQUIRED TRAFFIC CONTROL. NO WORK SHALL COMMENCE IN ANY GIVEN AREA UNTIL ALL APPROPRIATE TRAFFIC CONTROL IS IN PLACE.
12.

THE CONTRACTOR SHALL NOT DISTURB GRASSED AREAS AND TREES OUTSIDE THE CONSTRUCTION LIMITS. TREES AND BUSHES SHALL BE RETAINED AS POSSIBLE. THE CONTRACTOR WILL NOT BE PERMITTED TO PARK SERVICE VEHICLES AND EQUIPMENT OR USE THESE AREAS FOR STORAGE OF MATERIALS. STORAGE, PARKING AND SERVICE AREA(S) WILL BE SUBJECT TO APPROVAL OF THE ENGINEER.
13.

ALL EXISTING TREES AND BUSHES SHALL BE MAINTAINED AND PROTECTED UNLESS NOTED OTHERWISE. AREAS OF HAND FORMING MAY BE REQUIRED TO PROTECT TRESS.
14.

THE CONSTRUCTION OPERATIONS ARE TO TAKE PLACE IN A RESIDENTIAL AREA. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE REQUIREMENTS INCLUDED IN THE SPECIFICATIONS IN REGARD TO POSITIVE DUST CONTROL DURING ALL OPERATIONS TO INCLUDE REMOVAL, CLEAN UP, ETC.
15.

CONTRACTOR SHALL PROVIDE BARRICADES AND SIGNS IDENTIFYING VEHICLES AND OBSTACLES IN THE DRIVEN ROADWAYS.
16.

FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS, NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRED INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
17.

EXISTING STORM SEWERS, SANITARY SEWERS, AND WATER MAINS ARE LOCATED BASED ON CITY RECORDS AND ACTUAL LOCATIONS MAY VARY GREATLY FROM THAT SHOWN. THE LOCATIONS AND TYPE OF ALL IN-PLACE UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF ISG. NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS, AND ELEVATIONS OF ALL IN-PLACE UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
18.

CONTRACTOR SHALL REPLACE AND REPAIR ALL EXISTING STORM SEWERS THAT ARE ENCOUNTERED DURING CONSTRUCTION IN ACCORDANCE WITH THE SPECIFICATION. CONTRACTOR SHALL USE 2000D RCP WITH FLEXIBLE O-RING GASKET JOINTS, PLACE PIPES SO JOINTS ARE NOT DIRECTLY OVER WATER MAIN, AND RECONNECT TO EXISTING STORM SEWER WITH REINFORCED FERNCO COUPLING.
19.

PROPOSED WATER DISTRIBUTION LINE SHALL BE INSTALLED WITH A MINIMUM OF SIX FEET (6') OF COVER. IN LOCATIONS WITH A SEPARATION DISTANCE OF LESS THAN TEN FEET (10') FROM SANITARY SEWER OR STORM SEWER, THE SANITARY SEWER OR STORM SEWER SHALL BE INSTALLED EIGHTEEN INCHES (18") BELOW THE BOTTOM OF THE WATER MAIN AND SHALL BE PLACED IN A SEPARATE TRENCH AT A MINIMUM HORIZONTAL SEPARATION OF THREE FEET PER SUDAS SPECIFICATIONS.
20.

AT ALL SANITARY SEWER AND WATER MAIN CROSSOVER, MAINTAIN A MINIMUM OF 18" SEPARATION BETWEEN BOTTOM OF WATER MAIN AND TOP OF SEWER. PLACE ONE FULL LENGTH OF WATER PIPE, LOCATED SO BOTH JOINTS ARE AS FAR AS POSSIBLE FROM SEWER. USE LOW PERMEABILITY SOIL FOR BACKFILL WITHIN 10' OF CROSSOVER.
21.

THRUST BLOCKS SHALL BE POURED CONCRETE, INSTALLED BEHIND ALL BENDS, TEES AND DEAD ENDS IN ACCORDANCE WITH SPECIFICATIONS.
22.

CUT OFF, CAP AND ABANDON EXISTING WATER MAINS AS NEEDED TO COMPLETE NEW WORK.
23.

FLUSH WATER FROM DISINFECTION PROCESS SHALL BE DISPOSED OF BY DIRECTING FLUSH WATER TO SANITARY SEWER SYSTEM. DECHLORINATE HIGHLY CHLORINATED WATER FROM TESTING BEFORE RELEASING INTO THE SANITARY SEWER SYSTEM.
24.

CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATIONS OF ALL WATER SERVICES AND WATER CONNECTIONS.
25.

A NEAT VERTICAL EDGE WILL BE REQUIRED FOR ALL JOINTS BETWEEN THE NEW PAVEMENT SURFACE AND EXISTING PAVING AS SHOWN IN THE PLANS. SAW CUTTING OR OTHER TECHNIQUES MAY BE USED TO PROVIDE THIS EDGE. COST OF THE SAW CUT IS TO BE CONSIDERED INCIDENTAL. ADDITIONAL REMOVAL AND REPLACEMENT DUE TO THE CONTRACTOR'S OPERATION WILL BE MEASURED SEPARATELY BUT WILL BE THE CONTRACTOR'S RESPONSIBILITY.
26.

ANY DEWATERING NECESSARY FOR CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO INDIVIDUAL CONSTRUCTION ITEM.

27.

THE CONTRACTOR SHALL INSPECT AND VERIFY SOIL CONDITIONS AS NECESSARY IN ORDER TO DETERMINE THE TYPE OF CONSTRUCTION TO EMPLOY. NATURAL AND/OR MANMADE OBSTRUCTIONS MAY BE ENCOUNTERED IN THE SOIL. THESE CONTRACT DOCUMENTS DO NOT WARRANT THE NATURE OR CONDITIONS OF THE SOILS, AND DO NOT WARRANT THAT NATURAL OR MANMADE OBSTRUCTIONS WILL NOT BE ENCOUNTERED, NOR GUARANTEE THE EXTENT TO WHICH ROCKS, BOULDERS, OR OTHER OBSTRUCTIONS, REGARDLESS OF SIZE, MAY BE ENCOUNTERED DURING BORING OPERATIONS. THE CONTRACTOR SHALL NOT BE ENTITLED TO ADDITIONAL COMPENSATION FOR ANY NATURAL OR MANMADE OBSTRUCTIONS ENCOUNTERED DURING TRENCHLESS CONSTRUCTION.
28.

ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED, AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT / ENGINEER BEFORE PROCEEDING WITH THE WORK.
29.

THE CONTRACTOR IS TO CONTACT "IOWA ONE CALL" FOR UTILITY LOCATIONS, 48 HOURS PRIOR TO EXCAVATION / CONSTRUCTIONS (1-800-292-8989).
30.

ANY PROPOSED CHANGES TO THE PLAN SET SHALL BE APPROVED IN WRITING BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ANY CHANGES MADE DURING CONSTRUCTION THAT HAVE NOT BEEN GRANTED APPROVAL IN WRITING BY THE ENGINEER.
31.

COORDINATE ALL TIE-INS TO EXISTING UTILITIES WITH CITY OF STORM LAKE'S PUBLIC WORKS DEPARTMENT.



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PROJECT

STORM LAKE
4th AND BARTON
STORM SEWER
IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 TITLE
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	--/--/--
CLIENT PROJECT NO.	-

TITLE

CONSTRUCTION
NOTE

SHEET

G0-11

PROJECT GENERAL NOTES

1.

ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT/ENGINEER.
2.

CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
3.

WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
4.

FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
5.

DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ENGINEER BEFORE PROCEEDING WITH THE WORK.
6.

ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ENGINEER BEFORE PROCEEDING WITH THE WORK.
7.

ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
8.

THE LOCATION AND TYPE OF ALL INPLACE UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG). NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS AND ELEVATIONS OF ALL INPLACE UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
9.

THE CONTRACTOR IS TO CONTACT "IOWA ONE CALL" FOR UTILITY LOCATIONS, MINIMUM 2 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION (1-800-292-8989).

ESTIMATE REFERENCE INFORMATION		
ITEM NO.	SUDAS SPECIFICATION ITEM CODE	DESCRIPTION
1	2010-108-E-0	EXCAVATION, CLASS 10 INCLUDES REMOVAL, PLACEMENT AND GRADING TO MEET FINAL SUBGRADE ELEVATIONS WITHIN THE ROW. SHRINKAGE FACTORS OF 1.3 (EMBANKMENT) WERE APPLIED TO ALL EXCAVATION MATERIAL WHEN DETERMINING SITE BALANCE. THE SITE BALANCE PROVIDED IS FOR INFORMATIONAL PURPOSES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL QUANTITIES PRIOR TO SUBMITTING A BID FOR THE PROJECT. QUANTITIES SHALL BE CONSIDERED FINAL AND NO PAYMENT FOR OVERHAUL WILL BE ALLOWED. ALL EXCESS MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR AND CONTRACOR SHALL PROCURE LOCATION TO DISPOSE OF EXCESS MATERIAL.
2	2010-108-G-0	SUBGRADE PREPARATION SUBGRADE IS TO BE SCARIFIED, MIXED AND RE-COMPACTED TO A DEPTH OF 8" AND TO A WIDTH OF AT LEAST 2' BEHIND THE NEW CURB LINE. INCLUDES PROOF ROLLING OF SUBGRADE.
3	4010-108-A-1	SANITARY SEWER, 8", PVC, C900 INCLUDES BYPASS PUMPING AS REQUIRED. INTALL ONE FULL PIPE LENGTH CENTERED ON WATERMAIN SO THAT EACH END PIPE END IS AS FAR AWAY FROM WATERMAIN AS POSSIBLE.
4	PER EST. REF.	SANITARY SEWER INSULATION ITEM IS FOR THE INSULATION OF SANITARY SEWER IN LOCATIONS WHERE 4.0' OF COVER IS NOT MAINTAINED. SEE DETAIL ON SHEET C0-30. ITEM SHALL BE MEASURED BY THE LINEAL FOOT OF SANITARY SEWER INSULATED.
5	4010-108-H-0	REMOVAL OF SANITARY SEWER, 8" CLAY ALL MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND CONTRACTOR SHALL PROCURE LOCATION TO DISPOSE OF MATERIAL.
6	PER EST. REF.	CONNECT TO EXISTING SANITARY SEWER MAIN ITEM IS FOR CONNECTING TO THE EXISTING 8" SANITARY SEWER MAIN
7	4020-108-A-1	STORM SEWER, TRENCHED, 12" RCP BLACK MASTIC OR ENGINEERING FABRIC SHALL BE USED.
8	4020-108-A-1	STORM SEWER, TRENCHED, 15" RCP BLACK MASTIC OR ENGINEERING FABRIC SHALL BE USED.
9	4020-108-A-1	STORM SEWER, TRENCHED, 22" x 14" RCP ARCH BLACK MASTIC OR ENGINEERING FABRIC SHALL BE USED.
10	4020-108-A-1	STORM SEWER, TRENCHED, 36" x 23" RCP ARCH BLACK MASTIC OR ENGINEERING FABRIC SHALL BE USED.
11	4020-108-C-0	REMOVAL OF STORM SEWER, 15" REFER TO SHEETS C4-12 AND C4-13 OF THE PLANS FOR REMOVAL OF STORM SEWER PIPE. MATERIAL REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR.
12	4030-108-B-0	PIPE APRON, 36" x 23" RCP ARCH INCLUDES TIED JOINTS.
13	4030-108-C-0	FOOTING FOR RCP APRON REFER TO SUDAS FIGURE 4030.211
14	4030-108-D-0	PIPE APRON GUARD
15	5010-108-A-1	WATER MAIN, TRENCHED, 6", PVC, C900 ITEM INCLUDES ALL THRUST BLOCKS, FITTINGS, TRACER WIRE, AND TRACER WIRE STATIONS. ITEM ALSO INCLUDES ALL SHORING/BRACING REQUIRED FOR SURROUNDING UTILITIES AND STRUCTURES TO PROPERLY INSTALL WATER MAIN.
16	5020-108-A-0	GATE VALVE AND VALVE BOX, 6" ALL VALVES SHALL BE MUELLER RESILIENT WEDGE AND SHALL OPEN COUNTERCLOCKWISE. ALL BOLTS, FITTINGS, ETC. NECESSARY TO COMPLETE THIS ITEM SHALL BE INCLUDED IN THIS BID ITEM.
17	Per Est. Ref.	CONNECT TO EXISTING WATER MAIN, 6" ITEM INCLUDES CONNECTING NEW WATER MAIN TO EXISTING WATER MAIN AND ANY FITTINGS OR OTHER ITEMS NECESSARY TO COMPLETE CONNECTION.
18	5020-108-C-0	FIRE HYDRANT ASSEMBLY ALL FIRE HYDRANTS SHALL INCLUDE AUXILIARY 6" GATE VALVE, TWO 2 1/2" OPENINGS AND ONE 5 1/4" PUMPER NOZZLE WITH NATIONAL STD. THREAD. ALL FIRE HYDRANTS SHALL BE MUELLER A423 SUPER CENTURION 3-WAY, TRAFFIC TYPE AND FURNISHED WITH 6.0 FOOT BURY DEPTH. VALVCO TRACER WIRE ACCESS BOX SHALL BE UTILIZED FOR THE TRACER WIRE CONNECTION AT FIRE HYDRANT. BID SHALL INCLUDE AN AMOUNT FOR INSTALLING ADJUSTMENT PIECES AS REQUIRED. ALL PIPE, BOLTS, FITTINGS, TEES, ETC. NECESSARY TO COMPLETE THIS ITEM SHALL BE INCIDENTAL TO THIS BID ITEM.
19	5020-108-I-0	FIRE HYDRANT ASSEMBLY REMOVAL INCLUDES EXCAVATION, REMOVAL OF THE FIRE HYDRANT, HYDRANT VALVE, THRUST BLOCK, DELIVERY OF THE FIRE HYDRANT ASSEMBLY TO THE OWNER, CAPPING OF THE PIPE, BACKFILL, COMPACTION, AND SURFACE RESTORATION TO MATCH THE SURROUNDING AREA.
20	5020-108-J-0	VALVE REMOVAL INCLUDES EXCAVATION, REMOVAL OF VALVE, DELIVERY OF THE VALVE TO THE OWNER, CAPPING OF THE PIPE, BACKFILL, COMPACTION, AND SURFACE RESTORATION TO MATCH THE SURROUNDING AREA.
21	5020-108-K-0	VALVE BOX REMOVAL INCLUDES EXCAVATION, REMOVAL OF VALVE BOX, DELIVERY OF THE VALVE BOX TO THE OWNER, CAPPING OF THE PIPE, BACKFILL, COMPACTION, AND SURFACE RESTORATION TO MATCH THE SURROUNDING AREA.
22	6010-108-A-0	STORM SEWER MANHOLE, TYPE SW-406, 60"x48" INCLUDES SW-602 TYPE G CASTING. COVERS SHALL HAVE THE WORDS "STORM SEWER" WRITTEN ON THEM.
23	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-502, 48" INCLUDES SW-603 TYPE R CASTING AT LOCATIONS OF CURB AND GUTTER AND SW-603 TYPE Q CASTING AT DROP CURB LOCATIONS. PROVIDE GRATES WITH VANES FACING BOTH DIRECTIONS OF FLOW AT LOW POINTS. REFER TO PLANS FOR LOCATION AND SUDAS FIGURE 6010.501 FOR DETAILS.
24	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-507 INCLUDES SW-602 TYPE G CASTING. COVERS SHALL HAVE THE WORDS "STORM SEWER" WRITTEN ON THEM.
25	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-508, 48"x48" INCLUDES SW-602 TYPE G CASTING. COVERS SHALL HAVE THE WORDS "STORM SEWER" WRITTEN ON THEM.
26	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-508, MODIFIED, 60"x48" INCLUDES SW-602 TYPE G CASTING. COVERS SHALL HAVE THE WORDS "STORM SEWER" WRITTEN ON THEM.
27	6010-108-B-0	STORM SEWER AREA INTAKE TYPE SW-512, 18" INCLUDES SW-604 TYPE 3A CASTING
28	6010-108-B-0	STORM SEWER AREA INTAKE TYPE SW-513, 36" STRUCTURE SHALL HAVE INNER DIMENSIONS OF 36"x36" WITH INTAKE OPENINGS ON THE FRONT OF STRUCTURE ONLY. INCLUDES WRAPPING ALL JOINTS WITH BUTYL SEALANT WRAP.
29	PER EST. REF.	BUNKER INTAKE REFER TO DETAILS SHEET C0-30. ITEM SHALL BE RAIN GUARDIAN - BUNKER BY RAIN GUARDIAN.
30	6010-108-F-0	SANITARY MANHOLE ADJUSTMENT, MAJOR EXISTING MANHOLE SPECIFIED ON PLANS SHALL HAVE EXISTING CASTING, ADJUSTMENT RINGS, AND CONE REMOVED. ITEM INCLUDES MODIFICATION OF EXISTING MANHOLE TO BRING TO FINAL ELEVATION. ALSO INCLUDES FURNISHING AND INSTALLING ADJUSTMENT RINGS, NEW CASTING, CONE SECTION, INFILTRATION BARRIER, AND CHIMNEY SEAL. COVER SHALL HAVE WORDS "SANITARY SEWER" WRITTEN ON IT. MANHOLES LOCATED IN PAVEMENT SHALL HAVE A SW-601 TYPE B CASTING. ALL EXISTING CASTINGS SHALL BE SUPPLIED TO THE CITY MAINTENANCE SHOP IF SALVAGEABLE OR REQUESTED. ALL OTHER MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACOR.
31	6010-108-H-0	REMOVE INTAKE INCLUDES THE REMOVAL AND DISPOSAL OF STRUCTURES AS INDICATED ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF ALL REMOVED MATERIAL.
32	7010-108-A-0	PAVEMENT, PCC, 7" USE C MIX WITH CLASS 3 COARSE AGGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE AIR TESTS, SLUMP TESTS, AND CASTING OF CYLINDERS FOR PLASTIC CONCRETE PERFORMED AND TEST RESULTS SENT TO THE ENGINEER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SECURE THE SERVICES OF AN APPROVED INDEPENDENT TESTING LABORATORY TO PERFORM COMPRESSIVE STRENGTH TESTING ON CAST CYLINDERS, PROTECT AND TRANSPORT CAST CYLINDERS, AND SUBMIT TEST RESULTS TO THE ENGINEER. ITEM INCLUDES CONSTRUCTING BOXOUTS FOR ALL STRUCTURES THAT ARE IN THE NEW PAVEMENT (I.E. MANHOLES, INTAKES, ETC.).
33	7010-108-E-0	CURB AND GUTTER, 2'-0", 6" THICK USE C MIX WITH CLASS 3 COARSE AGGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE AIR TESTS, SLUMP TESTS, AND CASTING OF CYLINDERS FOR PLASTIC CONCRETE PERFORMED AND TEST RESULTS SENT TO THE ENGINEER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SECURE THE SERVICES OF AN APPROVED INDEPENDENT TESTING LABORATORY TO PERFORM COMPRESSIVE STRENGTH TESTING ON CAST CYLINDERS, PROTECT AND TRANSPORT CAST CYLINDERS, AND SUBMIT TEST RESULTS TO THE ENGINEER.
34	7030-108-A-0	REMOVAL OF SIDEWALK INCLUDES FULL DEPTH SAWCUT, BREAKING, REMOVING AND DISPOSAL. MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND CONTRACTOR SHALL PROCURE LOCATION FOR DISPOSAL OF MATERIAL.
35	7030-108-A-0	REMOVAL OF DRIVEWAY INCLUDES FULL DEPTH SAWCUT, BREAKING, REMOVING AND DISPOSAL. MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND CONTRACTOR SHALL PROCURE LOCATION FOR DISPOSAL OF MATERIAL.

ESTIMATED PROJECT QUANTITIES				
SPECIFICATION ITEM CODE REFERS TO EITHER THE CURRENT EDITION OF THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS MANUAL (SUDAS) OR THE STORM LAKE 4th AND BARTON STORM SEWER IMPROVEMENTS PROJECT MANUAL. ITEM CODE REFERRING TO THE 4th AND BARTON STORM SEWER IMPROVEMENTS PROJECT MANUAL WILL REFER TO THE ITEM SPECIFICATION AND NOT THE MEASUREMENT AND PAYMENT SPECIFICATION.				
ITEM NO.	SPEC. ITEM CODE	CONSTRUCTION ITEM	UNIT	QUANTITY
1	2010-108-E-0	EXCAVATION, CLASS 10	CY	
2	2010-108-G-0	SUBGRADE PREPARATION	SY	1,436
3	4010-108-A-1	SANITARY SEWER GRAVITY MAIN, TRENCHED, 8" PVC, C900	LF	10
4	PER EST. REF.	SANITARY SEWER INSULATION	LF	60
5	4010-108-H-0	REMOVAL OF SANITARY SEWER, 8" CLAY	LF	10
6	PER EST. REF.	CONNECT TO EXISTING SANITARY SEWER	EA	2
7	4020-108-A-1	STORM SEWER, TRENCHED, 12" RCP	LF	45
8	4020-108-A-1	STORM SEWER, TRENCHED, 15" RCP	LF	248
9	4020-108-A-1	STORM SEWER, TRENCHED, 22" x 14" RCP ARCH	LF	146
10	4020-108-A-1	STORM SEWER, TRENCHED, 36" x 23" RCP ARCH	LF	476
11	4020-108-C-0	REMOVAL OF STORM SEWER, 15"	LF	230
12	4030-108-B-0	PIPE APRON, 36" x 23" RCP ARCH	EA	1
13	4030-108-C-0	FOOTING FOR RCP APRON	EA	1
14	4030-108-D-0	PIPE APRON GUARD	EA	1
15	5010-108-A-1	WATER MAIN, TRENCHED, 6", PVC, C900	LF	405
16	5020-108-A-0	GATE VALVE AND VALVE BOX, 6"	EA	4
17	Per Est. Ref.	CONNECT TO EXISTING WATER MAIN, 6"	EA	3
18	5020-108-C-0	FIRE HYDRANT ASSEMBLY	EA	1
19	5020-108-I-0	FIRE HYDRANT ASSEMBLY REMOVAL	EA	1
20	5020-108-J-0	VALVE REMOVAL	EA	3
21	5020-108-K-0	VALVE BOX REMOVAL	EA	3
22	6010-108-A-0	STORM SEWER MANHOLE, TYPE SW-406, 60"x48"	EA	4
23	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-502, 48"	EA	1
24	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-507	EA	4
25	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-508, 48"x48"	EA	1
26	6010-108-B-0	STORM SEWER INTAKE, TYPE SW-508, MODIFIED, 60"x48"	EA	1
27	6010-108-B-0	STORM SEWER AREA INTAKE TYPE SW-512, 18"	EA	3
28	6010-108-B-0	STORM SEWER AREA INTAKE TYPE SW-513, 36"	EA	1
29	PER EST. REF.	BUNKER INTAKE	EA	4
30	6010-108-F-0	SANITARY MANHOLE ADJUSTMENT, MAJOR	EA	1
31	6010-108-H-0	REMOVE INTAKE	EA	5
32	7010-108-A-0	PAVEMENT, PCC, 7"	SY	149
33	7010-108-E-0	CURB AND GUTTER, 2'-0", 6" THICK	LF	772
34	7030-108-A-0	REMOVAL OF SIDEWALK	SY	74
35	7030-108-A-0	REMOVAL OF DRIVEWAY	SY	14



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PROJECT

STORM LAKE
4th AND BARTON
STORM SEWER
IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 TITLE
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	--/--/--
CLIENT PROJECT NO.	-

TITLE

QUANTITIES AND
ESTIMATE
REFERENCE
INFORMATION

SHEET

G0-12

ESTIMATE REFERENCE (CONTINUED)		
ITEM NO.	SUDAS SPECIFICATION ITEM CODE	DESCRIPTION
36	7030-108-E-0	SIDEWALK, 4", PCC USE C MIX WITH CLASS 3 COARSE AGGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE AIR TESTS, SLUMP TESTS, AND CASTING OF CYLINDERS FOR PLASTIC CONCRETE PERFORMED AND TEST RESULTS SENT TO THE ENGINEER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SECURE THE SERVICES OF AN APPROVED INDEPENDENT TESTING LABORATORY TO PERFORM COMPRESSIVE STRENGTH TESTING ON CAST CYLINDERS, PROTECT AND TRANSPORT CAST CYLINDERS, AND SUBMIT TEST RESULTS TO THE ENGINEER.
37	7030-108-E-0	SIDEWALK, 6", PCC USE C MIX WITH CLASS 3 COARSE AGGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE AIR TESTS, SLUMP TESTS, AND CASTING OF CYLINDERS FOR PLASTIC CONCRETE PERFORMED AND TEST RESULTS SENT TO THE ENGINEER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SECURE THE SERVICES OF AN APPROVED INDEPENDENT TESTING LABORATORY TO PERFORM COMPRESSIVE STRENGTH TESTING ON CAST CYLINDERS, PROTECT AND TRANSPORT CAST CYLINDERS, AND SUBMIT TEST RESULTS TO THE ENGINEER.
38	7030-108-G-0	DETECTABLE WARNING DETECTABLE WARNINGS SHALL BE 2 FOOT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL AND EXTEND THE FULL WIDTH OF THE RAMP. TYPE SHALL BE CAST IRON.
39	7030-108-H-1	DRIVEWAY, PAVED, 6", PCC ITEM IS FOR THE REPLACEMENT OF PCC DRIVEWAYS. DRIVEWAYS ARE TO BE TYPE B, REFER TO FIGURE 7030.102. USE C MIX WITH CLASS 3 COARSE AGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. DRIVEWAYS SHALL BE BOXED OUT AS SHOWN ON TYPE B FIGURE. TRANSITION OF DEPTH ALSO OULINED ON FIGURE 7030.102.
40	7040-108-A-0	FULL DEPTH PCC PATCH USE C MIX WITH CLASS 3 COARSE AGGREGATE DURABILITY. COARSE AGGREGATE SHALL BE LIMESTONE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE 6" CYLINDERS OF THE PLASTIC CEMENT PREPARED, AIR AND SLUMP TESTS PERFORMED AND TESTED AT AN APPROVED INDEPENDENT LABORATORY, AND TO SEND THE RESULTS TO THE ENGINEER. PATCH THICKNESS SHALL BE T+1" OR A MINIMUM OF 6 INCHES. THICKNESS CORES WILL NOT BE REQUIRED. PAVEMENT REMOVAL OF PATCH AREA SHALL BE INCLUDED IN PATCHING ITEM AND WILL NOT BE PAID FOR SEPARATELY. CONTRACTOR SHALL RECEIVE APPROVAL FOR ANY ROAD CLOSURE PRIOR TO CONSTRUCTION. SCHEDULE SHALL BE DEVELOPED TO MINIMIZE TIME OF ROAD CLOSURE.
41	7040-108-H-0	PAVEMENT REMOVAL INCLUDES FULL DEPTH SAWCUT, BREAKING, REMOVING AND DISPOSAL OF PAYMENT, INCLUDING CURB AND GUTTER. MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND CONTRACTOR SHALL PROCURE LOCATION FOR DISPOSAL OF MATERIAL.
42	PER EST. REF.	LANDSCAPE REMOVAL ITEM IS FOR THE REMOVAL OF LANDSCAPING BLOCKS IN THE NORTHWEST QUADRANT OF THE INTERSECTION. ALL LANDSCAPING REMOVED SHALL BE SALVAGED AND STOCKPILED FOR REINSTALLATION. CONTRACTOR SHALL REPLACE ALL DAMAGED LANDSCAPING BLOCKS AT THE CONTRACTORS EXPENSE.
43	7080-108-C-0	UNDERDRAIN, 6", PVC UNDERDRAIN SHALL BE 6", PE, TYPE S. ITEM INCLUDES FURNISHING AND INSTALLATION OF RODENT GUARDS AT EACH CONNECTION TO INTAKES.
44	7080-108-D-0	STORAGE AGGREGATE ITEM SHALL BE 2'-3" NOMINAL DIAMETER AGGREGATE AND COMPLY WITH IOWA DOT SECTION 4122 GRADATION NO. 13. CLASS 3 DURABILITY CRUSHED STONE. REFER TO CHAPTER 1.14 OF THE IOWA STORMWATER MANAGEMENT MANUAL FOR ADDITIONAL INFORMATION. QUANTITY IS BASED ON A DENSITY OF 130 PCF.
45	7080-108-E-0	FILTER AGGREGATE ITEM SHALL BE 3/4" NOMINAL DIAMETER AGGREGATE AND COMPLY WITH IOWA DOT SECTION 4115 GRADATION NO. 3. CLASS 3 DURABILITY CRUSHED STONE. AGGREGATE SHALL BE PLACED AND COMPACTED IN 2, 2" LIFTS. REFER TO CHAPTER 1.14 OF THE IOWA STORMWATER MANAGEMENT MANUAL FOR ADDITIONAL INFORMATION. QUANTITY IS BASED ON A DENSITY OF 135 PCF.
46	7080-108-F-0	PERMEABLE INTERLOCKING PAVERS ITEM IS FOR THE INSTALLATION OF PERMEABLE INTERLOCKING PAVERS. SEE TYPICAL SECTION ON SHEET C0-30. COLOR OF PAVERS SHALL BE BROWN. PAVEMENT PROTECTION AND REFILLING ALL JOINTS AFTER 6 MONTHS.
47	PER EST. REF.	REINSTALL LANDSCAPING ITEM IS FOR THE REINSTALLATION OF LANDSCAPING BLOCKS REMOVED AND SALAVAGED ON THE NORTHWEST QUADRANT OF THE INTERSECTION.
48	PER EST. REF.	SHREDDED MULCH, RAIN GARDEN ITEM IS FOR THE CONSTRUCTION OF THE BIO-RETENTION CELLS. SEE TYPICAL SECTION ON SITE SHEETS FOR DETAILS. REFER TO CHAPTER 2E-4 OF THE IOWA STORMWATER MANAGEMENT MANUAL FOR ADDITIONAL DETAILS. MULCH SHALL NOT BE PLACED ON SEED-ONLY AREAS OF BIO-RETENTION CELL UNTIL BIO-RENTENTION CELL SEEDING IS ESTABLISHED AND APPROVED BY ENGINEER.
49	PER EST. REF.	MODIFIED SOIL MEDIA, RAIN GARDEN ITEM IS FOR THE CONSTRUCTION OF THE BIO-RETENTION CELLS. SEE TYPICAL SECTION ON SITE SHEETS FOR DETAILS. MODIFIED SOIL SHALL BE A WELL BLENDED MIXTURE (BY VOLUME) OF 75% HOMOGENOUS CONSTRUCTION SAND AND 25% NATIVE TOPSOIL. TOPSOIL MUST BE ENGINEER APPROVED. COMPOST SHALL BE USED IN LIEU OF TOPSOIL IF TOPSOIL IS NOT APPROVED AND SHALL BE IN ACCORDANCE WITH THE IOWA STORMWATER MANAGEMENT MANUAL. MODIFIED SOIL SHALL BE COMPACTED BY SPRAYING CLEAN WATER UNTIL MODIFIED SOIL IS SATURATED. REFER TO CHAPTER 2E-4 OF THE IOWA STORMWATER MANAGEMENT MANUAL FOR ADDITIONAL DETAILS.
50	PER EST. REF.	CHOKER AGGREGATE, RAIN GARDEN ITEM IS FOR THE CONSTRUCTION OF THE BIO-RETENTION CELLS. SEE TYPICAL SECTION ON SITE SHEETS FOR DETAILS. ITEM SHALL COMPLY WITH IOWA DOT SECTION 4125 GRADATION NO. 21. REFER TO CHAPTER 2E-4 OF THE IOWA STORMWATER MANAGEMENT MANUAL FOR ADDITIONAL DETAILS.
51	PER EST. REF.	STONE BASE LAYER, RAIN GARDEN ITEM IS FOR THE CONSTRUCTION OF THE BIO-RETENTION CELLS. SEE TYPICAL SECTION ON SITE SHEETS FOR DETAILS. ITEM SHALL COMPLY WITH IOWA DOT SECTION 4115 GRADATION NO. 21. CLASS 2 DURABILITY CRUSHED STONE. REFER TO CHAPTER 2E-4 OF THE IOWA STORMWATER MANAGEMENT MANUAL FOR ADDITIONAL DETAILS. ENGINEERING FABRIC IN BIO CELLS SHALL BE CONSIDERED INCEDENTAL TO THIS ITEM.
52	8030-108-A-0	TEMPORARY TRAFFIC CONTROL INCLUDES THE INSTALLATION, MAINTENANCE, AND REMOVAL OF TEMPORARY TRAFFIC CONTROL.
53	PER EST. REF.	REMOVE, SALVAGE AND REINSTALL TRAFFIC SIGN
54	9020-108-A-0	SOD INCLUDES THE REMOVAL OF ROCK AND OTHER DEBRIS FROM THE AREA; PREPARING THE SOD BED; FURNISHING AND PLACING SOD, STAKES AND FERTILIZER. ALSO INCLUDES ANY NECESSARY SOD REPLACEMENT DURING MAINTENANCE PERIOD.
55	PER EST REF	TESTING ITEM INCLUDES ALL TESTING REQUIRED PER SUDAS SPECIFICATIONS AND PROJECT MANUAL FOR SUBGRADE, SUBBASE, PAVEMENT, WATER MAIN, STORM SEWER, AND ANY OTHER COMPONENTS OUTLINED IN PROJECT MANUAL EXCEPT AS MODIFIED IN THE ESTIMATE REFERENCE INFORMATION OR AS INCIDENTAL TO AND INCLUDED IN THE BID ITEM. ITEM INCLUDES ALL TESTING REQUIRED FOR TRENCH COMPACTION FOR WATER MAIN, WATER SERVICES, AND STORM SEWER TRANCHES AND COMPACTION TESTING FOR PAVEMENT SUBGRADE PER SUDAS SPECIFICATIONS.
56	9040-108-F-0	FILTER SOCK TO BE USED AS STORM INLET PROTECTION DEVICE AROUND OPEN THROAT INTAKES, BEHIVE INTAKES, AND CURB INLETS. INCLUDES PLACEMENT, MAINTENANCE, REMOVAL AND OFFSITE DISPOSAL OF SEDIMENT, AND REMOVAL OF DEVICE. REFER TO STORMWATER POLLUTION PREVENTION PLAN SHEETS. EXACT LOCATION AND LENGTH OF FILTER SOCK NEEDED WILL BE DETERMINED DURING CONSTRUCTION.
57	9040-108-F-1	WATTLE INCLUDES FURNISHING AND INSTALLING WATTLES PER SUDAS SPECIFICATIONS. IF ACCUMULATED SEDIMENT REACHES A LEVEL OF ONE-HALF THE HEIGHT OF THE WATTLE, REMOVE THE ACCUMULATED SEDIMENT. THE WATTLE WILL BE CAREFULLY INSPECTED AND ANY MAINTENANCE NEEDED SHALL BE INCLUDED IN BID ITEM. INCLUDES RESTORATION OF THE AREA TO FINISHED GRADE AND REMOVAL AND DISPOSAL OF WATTLE AND ACCUMULATED SETTLEMENT. REMOVE AFTER CONSTRUCTION IS COMPLETE AND SEEDING IS ESTABLISHED.
58	9040-108-J-0	RIP RAP, CLASS D REVETMENT MATERIAL SHALL BE CLASS D REVETMENT ACCORDING TO IDOT STANDARD SPECIFICATION 4130. INCLUDES FURNISHING AND INSTALLING ENGINEERING FABRIC.
59	9040-108-Q-2	STABILIZED CONSTRUCTION ENTRANCE INCLUDES INSTALLING AND REMOVING STONE MEETING IOWA DOT SECTION 4122, GRADATION 13 MACADAM CRUSHED STONE AND WOVEN, UV-STABILIZED GEOTEXTILE. REFER TO FIGURE 9040.120.
60	9040-108-T-2	INLET PROTECTION DEVICE TO BE USED AT INTAKES FOR EROSION CONTROL. INCLUDES PLACEMENT, MAINTENANCE, REMOVAL AND ONSITE DISPOSAL OF SEDIMENT, AND REMOVAL OF DEVICE. REFER TO EROSION CONTROL PLAN SHEETS FOR ADDITIONAL INFORMATION. DEVICE SHALL BE FLEXSTORM INLET FILTERS, OR APPROVED EQUAL ON GRATED INTAKES.
61	11,050-108-A-0	CONCRETE WASHOUT REFER TO SHEET C.04 FOR ADDITIONAL INFORMATION. LOCATION SHOWN ON PLANS IS ONLY A RECOMMENDATION. FINAL LOCATION SHALL BE DETERMINED BY CONTRACTOR WITH ENGINEER AND CITY APPROVAL.
62	11,020-108-A	MOBILIZATION REFER TO SECTION 11,020-108-A-0 OF THE URBAN STANDARD SPECIFICATIONS.

ESTIMATED PROJECT QUANTITIES (CONTINUED)				
ITEM NO.	SPEC. ITEM CODE	CONSTRUCTION ITEM	UNIT	QUANTITY
36	7030-108-E-0	SIDEWALK, 4" PCC	SY	25
37	7030-108-E-0	SIDEWALK, 6" PCC	SY	49
38	7030-108-G-0	DETECTABLE WARNING	SF	48
39	7030-108-H-1	DRIVEWAY, PAVED, 6", PCC	SY	14
40	7040-108-A-0	FULL DEPTH PCC PATCH	SY	315
41	7040-108-H-0	PAVEMENT REMOVAL	SY	1,292
42	PER EST. REF.	LANDSCAPE REMOVAL	LS	1
43	7080-108-C-0	UNDERDRAIN, 6", PVC	LF	945
44	7080-108-D-0	STORAGE AGGREGATE	TN	1,146
45	7080-108-E-0	FILTER AGGREGATE	TN	365
46	7080-108-F-0	PERMEABLE INTERLOCKING PAVERS	SY	980
47	PER EST. REF.	REINSTALL LANDSCAPING	LS	1
48	PER EST. REF.	SHREDDED MULCH, RAIN GARDEN	CY	20
49	PER EST. REF.	MODIFIED SOIL MEDIA, RAIN GARDEN	CY	333
50	PER EST. REF.	CHOKER AGGREGATE, RAIN GARDEN	CY	20
51	PER EST. REF.	STONE BASE LAYER, RAIN GARDEN	TN	116
52	8030-108-A-0	TEMPORARY TRAFFIC CONTROL	LS	1
53	PER EST. REF.	REMOVE, SALVAGE AND REINSTALL TRAFFIC SIGN	EA	5
54	9020-108-A-0	SOD	LS	1
55	PER EST REF	TESTING	LS	1
56	9040-108-F-0	FILTER SOCK	LF	160
57	9040-108-F-1	WATTLE	LF	447
58	9040-108-J-0	RIP RAP	TN	10
59	9040-108-Q-2	STABILIZED CONSTRUCTION ENTRANCE	TN	144
60	9040-108-T-2	INLET PROTECTION DEVICE	EA	1
61	11,050-108-A-0	CONCRETE WASHOUT	EA	1
62	11,020-108-A	MOBILIZATION	LS	1



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PROJECT

STORM LAKE
4th AND BARTON
STORM SEWER
IMPROVEMENTS

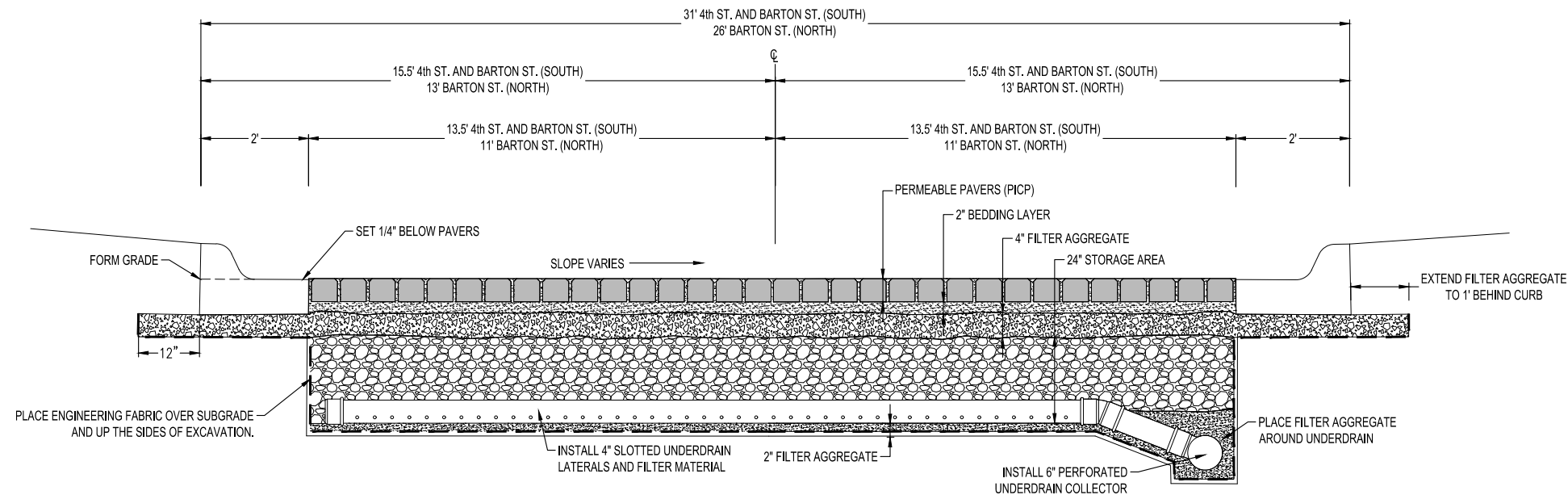
STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 TITLE
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	--/--/--
CLIENT PROJECT NO.	-

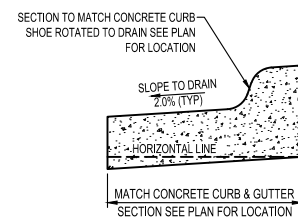
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QUANTITIES AND
ESTIMATE
REFERENCE
INFORMATION

SHEET
G 0-13



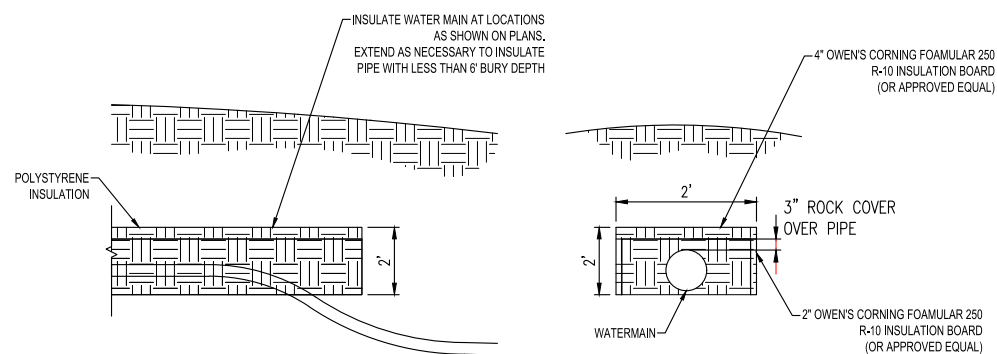
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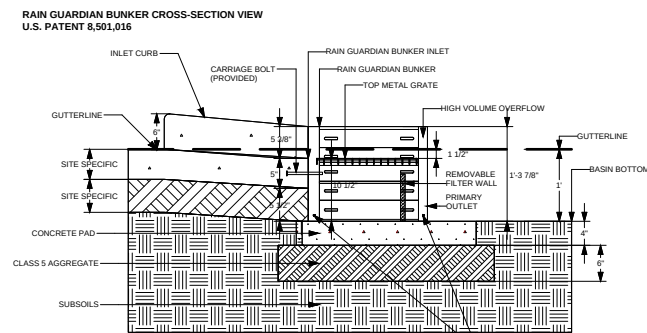
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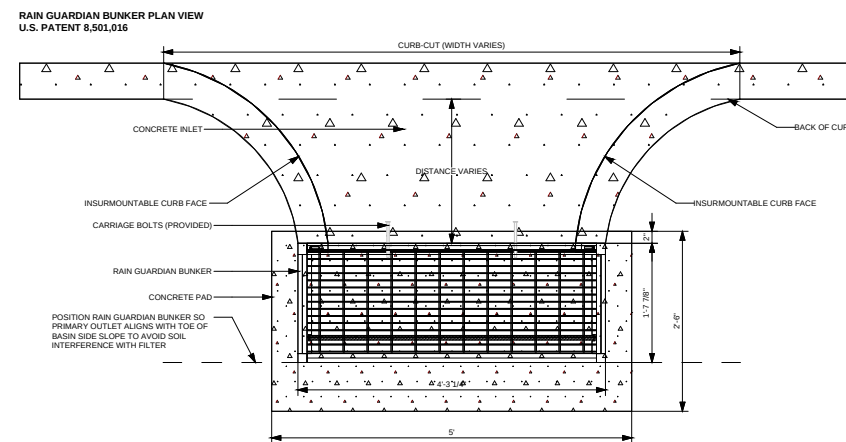
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RAIN GUARDIAN - TYPICAL SECTION

NTS



RAIN GUARDIAN - PLAN

NTS



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PROJECT

STORM LAKE

4th AND BARTON
STORM SEWER
IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE

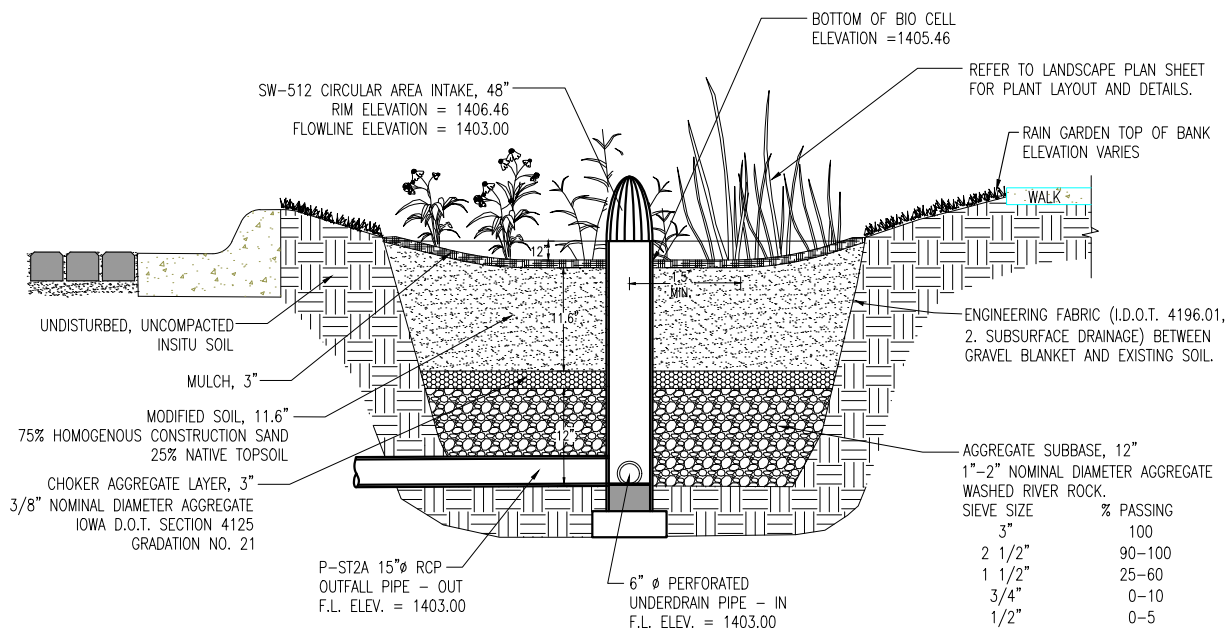
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 DETAILS
DRAWN BY	DNA
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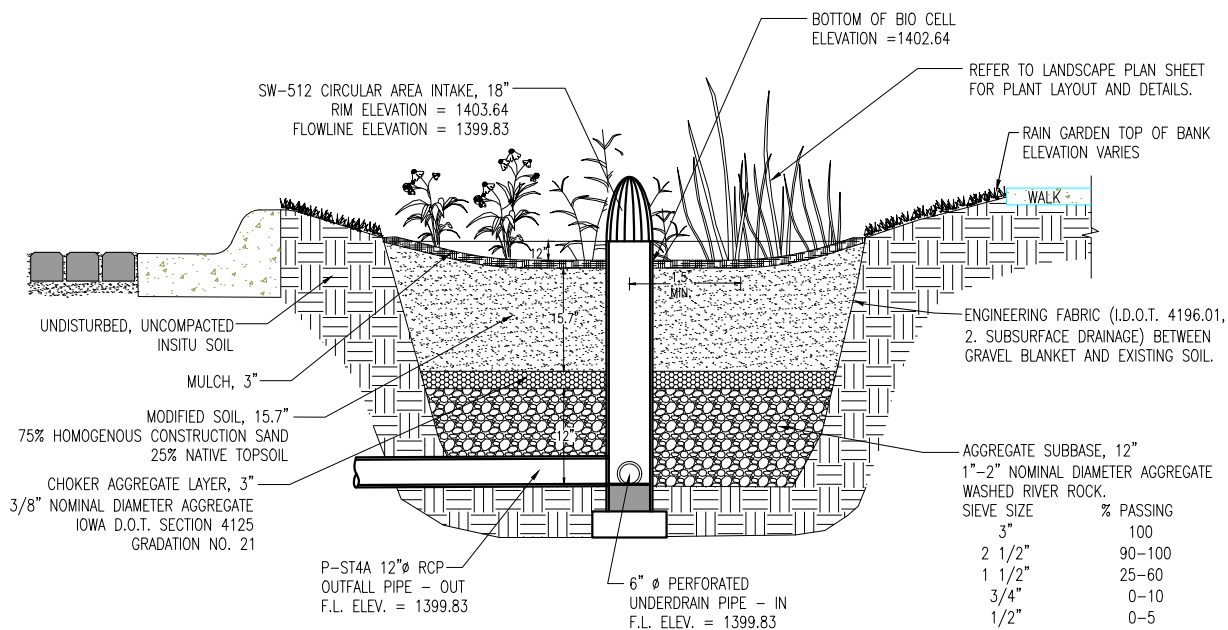
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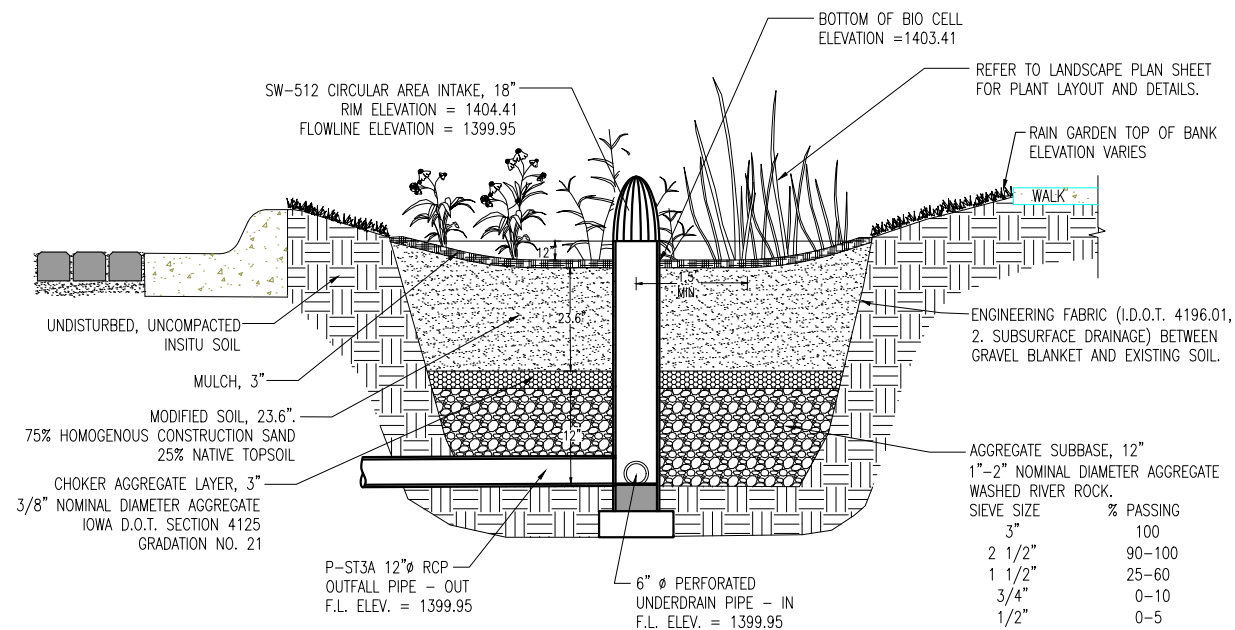
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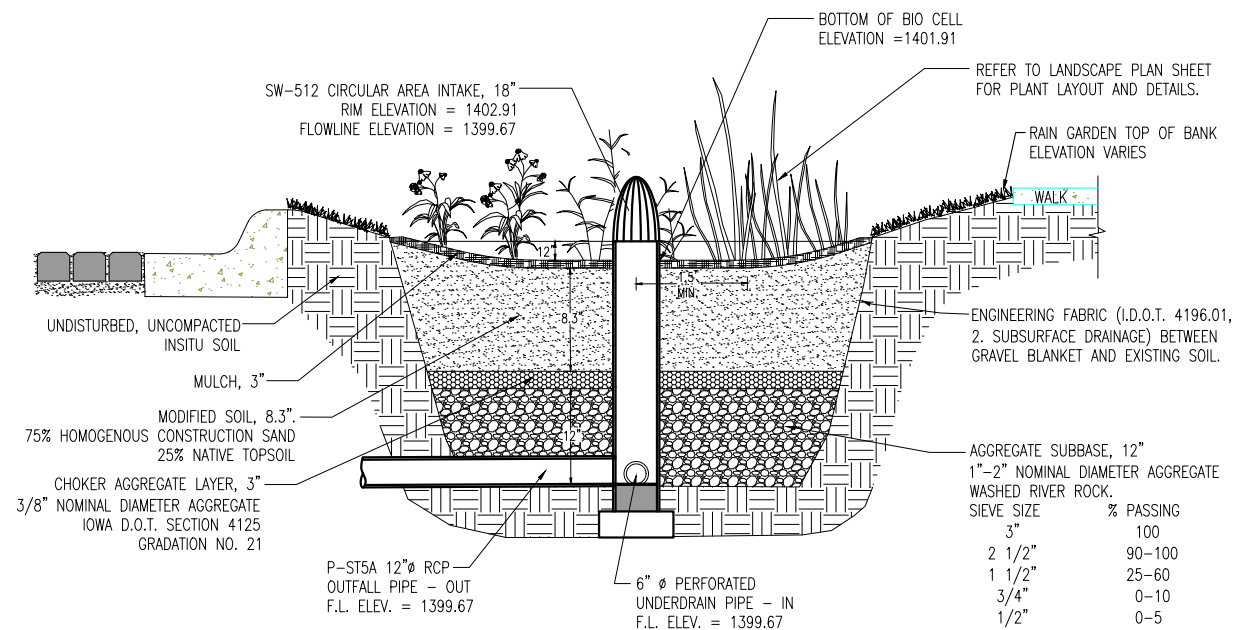
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N.T.S.



TYPICAL SECTION, BIO CELL No. 4
N.T.S.



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PROJECT

STORM LAKE 4th AND BARTON STORM SEWER IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

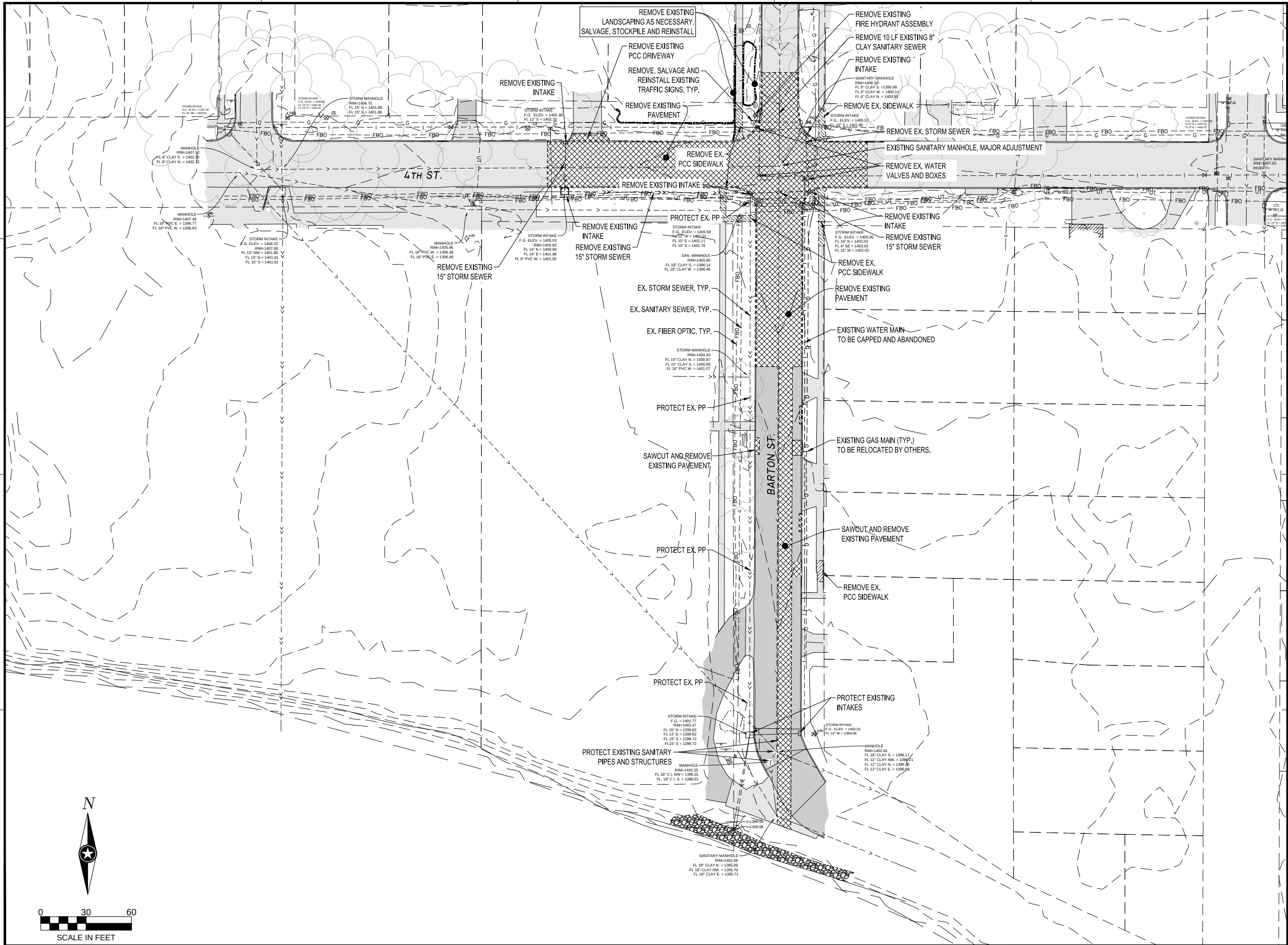
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CAD FILE NAME	19284 DETAILS
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	11/11/11
CLIENT PROJECT NO.	-

TITLE

DETAILS

SHEET

C0-31



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PROJECT

STORM LAKE

4th AND BARTON

STORM SEWER

IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 EXISTING
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD/NB
ORIGINAL ISSUE DATE	11/11/11
CLIENT PROJECT NO.	-

TITLE

EXISTING

CONDITION &

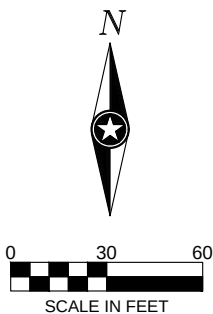
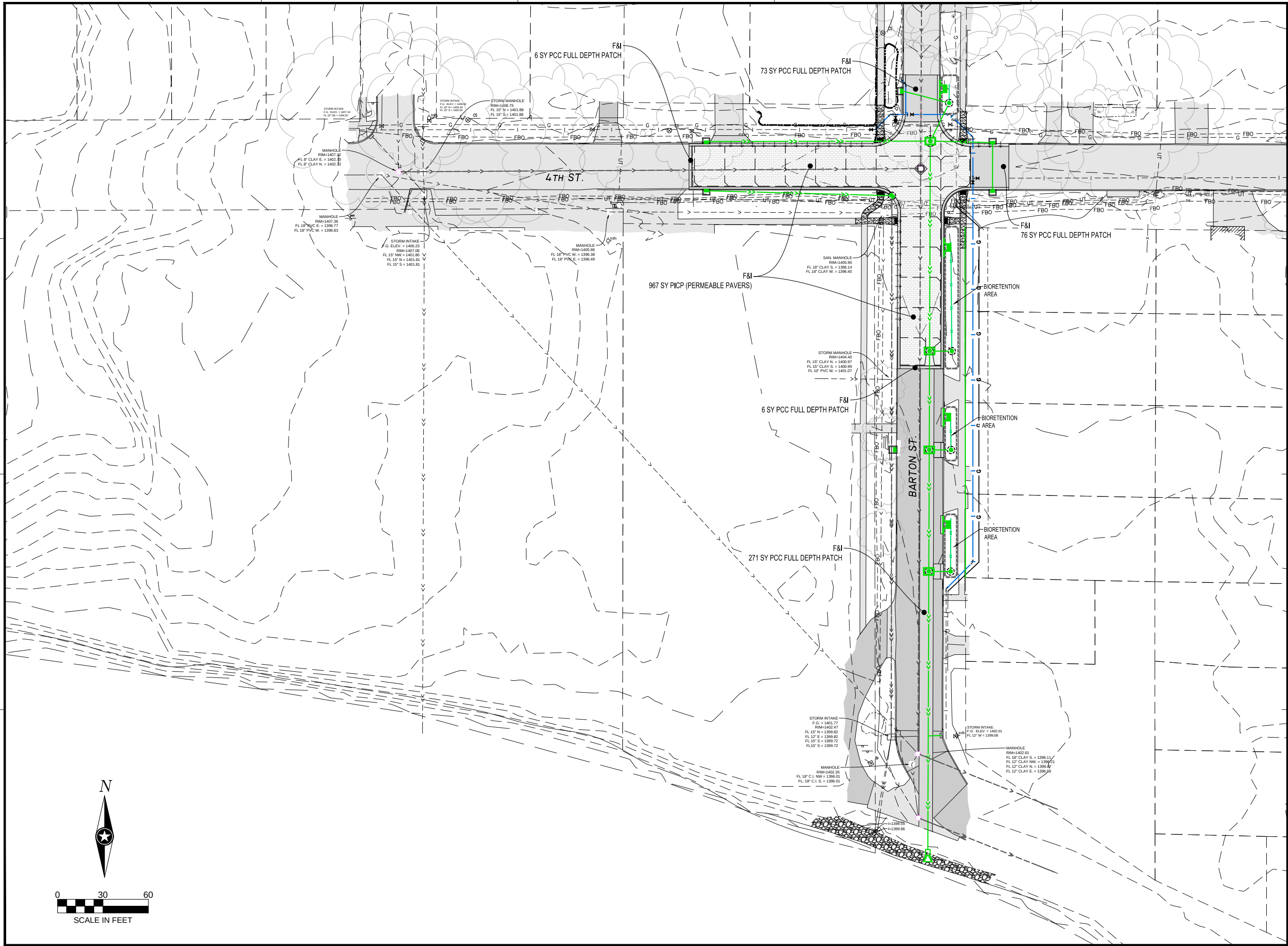
REMOVALS

Preliminary

Not for Construction

SHEET

C2-10



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PROJECT
STORM LAKE
4th AND BARTON
STORM SEWER
IMPROVEMENTS
STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO. 16-19284
CAD FILE NAME 19284 PROPOSED
DRAWN BY DNA
DESIGNED BY DNA/NB/NSG
REVIEWED BY DSD/NB
ORIGINAL ISSUE DATE --/--/--
CLIENT PROJECT NO. --

TITLE
PROPOSED SITE

SHEET
C3-10

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PROJECT

STORM LAKE 4th AND BARTON STORM SEWER IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

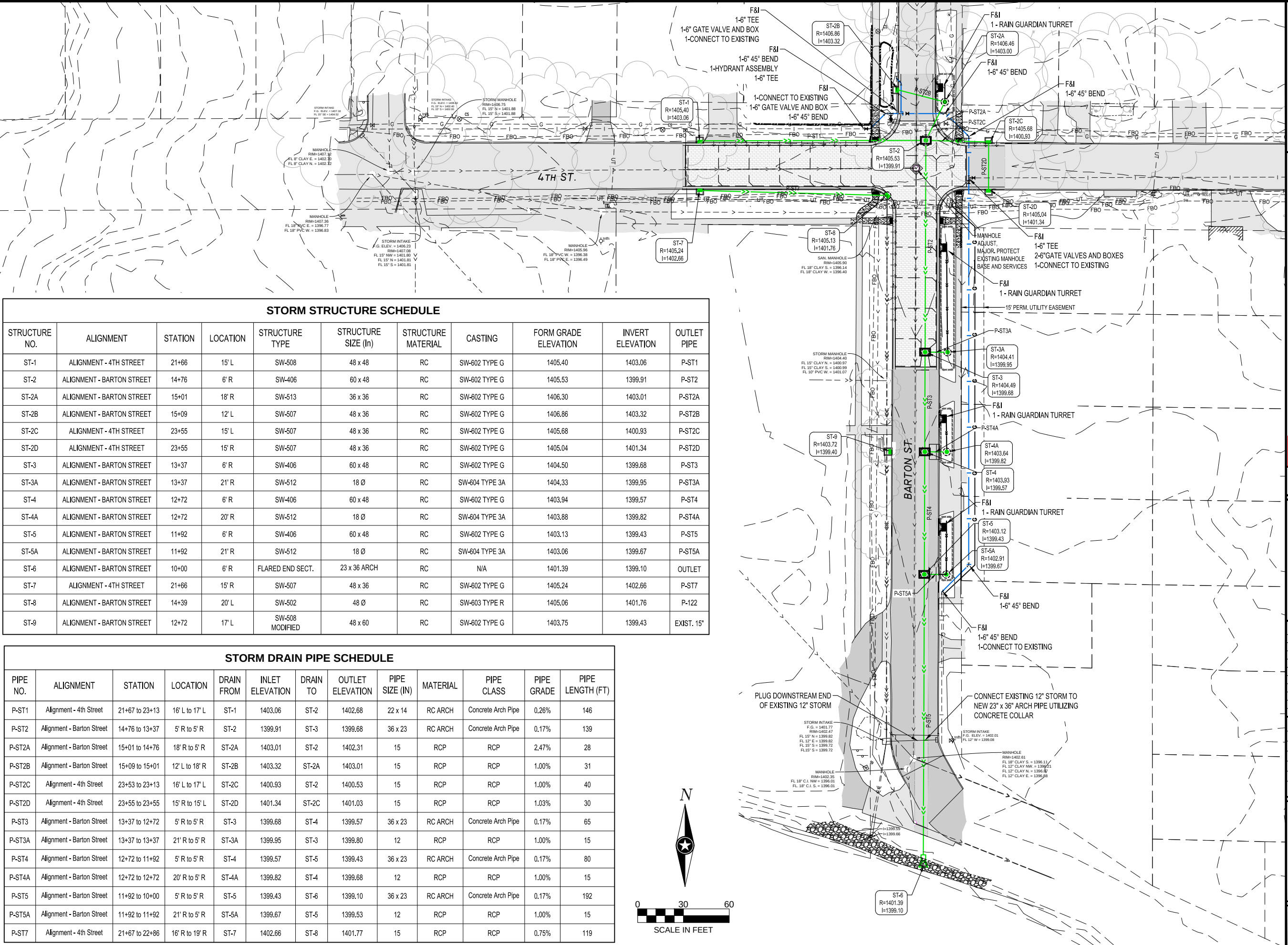
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CAD FILE NAME	19284 UTILITIES
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD/NB
ORIGINAL ISSUE DATE	11/1/2016
CLIENT PROJECT NO.	

TITLE

OVERALL UTILITY
PLAN
SCHEDULES

SHEET

C3-11

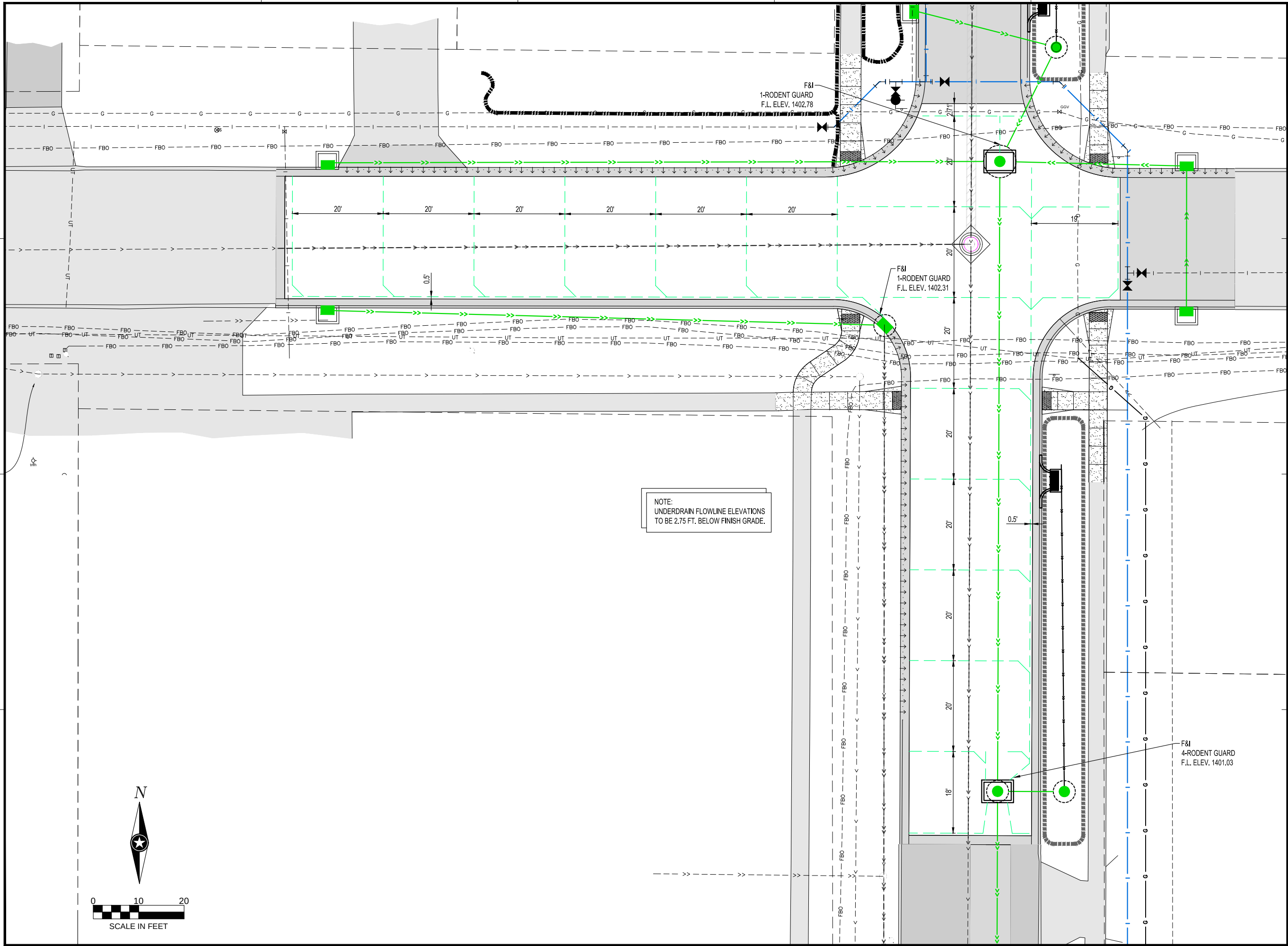


STORM STRUCTURE SCHEDULE

STRUCTURE NO.	ALIGNMENT	STATION	LOCATION	STRUCTURE TYPE	STRUCTURE SIZE (In)	STRUCTURE MATERIAL	CASTING	FORM GRADE ELEVATION	INVERT ELEVATION	OUTLET PIPE
ST-1	ALIGNMENT - 4TH STREET	21+66	15' L	SW-508	48 x 48	RC	SW-602 TYPE G	1405.40	1403.06	P-ST1
ST-2	ALIGNMENT - BARTON STREET	14+76	6' R	SW-406	60 x 48	RC	SW-602 TYPE G	1405.53	1399.91	P-ST2
ST-2A	ALIGNMENT - BARTON STREET	15+01	18' R	SW-513	36 x 36	RC	SW-602 TYPE G	1406.30	1403.01	P-ST2A
ST-2B	ALIGNMENT - BARTON STREET	15+09	12' L	SW-507	48 x 36	RC	SW-602 TYPE G	1406.86	1403.32	P-ST2B
ST-2C	ALIGNMENT - 4TH STREET	23+55	15' L	SW-507	48 x 36	RC	SW-602 TYPE G	1405.68	1400.93	P-ST2C
ST-2D	ALIGNMENT - 4TH STREET	23+55	15' R	SW-507	48 x 36	RC	SW-602 TYPE G	1405.04	1401.34	P-ST2D
ST-3	ALIGNMENT - BARTON STREET	13+37	6' R	SW-406	60 x 48	RC	SW-602 TYPE G	1404.50	1399.68	P-ST3
ST-3A	ALIGNMENT - BARTON STREET	13+37	21' R	SW-512	18 Ø	RC	SW-604 TYPE 3A	1404.33	1399.95	P-ST3A
ST-4	ALIGNMENT - BARTON STREET	12+72	6' R	SW-406	60 x 48	RC	SW-602 TYPE G	1403.94	1399.57	P-ST4
ST-4A	ALIGNMENT - BARTON STREET	12+72	20' R	SW-512	18 Ø	RC	SW-604 TYPE 3A	1403.88	1399.82	P-ST4A
ST-5	ALIGNMENT - BARTON STREET	11+92	6' R	SW-406	60 x 48	RC	SW-602 TYPE G	1403.13	1399.43	P-ST5
ST-5A	ALIGNMENT - BARTON STREET	11+92	21' R	SW-512	18 Ø	RC	SW-604 TYPE 3A	1403.06	1399.67	P-ST5A
ST-6	ALIGNMENT - BARTON STREET	10+00	6' R	FLARED END SECT.	23 x 36 ARCH	RC	N/A	1401.39	1399.10	OUTLET
ST-7	ALIGNMENT - 4TH STREET	21+66	15' R	SW-507	48 x 36	RC	SW-602 TYPE G	1405.24	1402.66	P-ST7
ST-8	ALIGNMENT - BARTON STREET	14+39	20' L	SW-502	48 Ø	RC	SW-603 TYPE R	1405.06	1401.76	P-122
ST-9	ALIGNMENT - BARTON STREET	12+72	17' L	SW-508 MODIFIED	48 x 60	RC	SW-602 TYPE G	1403.75	1399.43	EXIST. 15"

STORM DRAIN PIPE SCHEDULE

PIPE NO.	ALIGNMENT	STATION	LOCATION	DRAIN FROM	INLET ELEVATION	DRAIN TO	OUTLET ELEVATION	PIPE SIZE (IN)	MATERIAL	PIPE CLASS	PIPE GRADE	PIPE LENGTH (FT)
P-ST1	Alignment - 4th Street	21+67 to 23+13	16' L to 17' L	ST-1	1403.06	ST-2	1402.68	22 x 14	RC ARCH	Concrete Arch Pipe	0.26%	146
P-ST2	Alignment - Barton Street	14+76 to 13+37	5' R to 5' R	ST-2	1399.91	ST-3	1399.68	36 x 23	RC ARCH	Concrete Arch Pipe	0.17%	139
P-ST2A	Alignment - Barton Street	15+01 to 14+76	18' R to 5' R	ST-2A	1403.01	ST-2	1402.31	15	RCP	RCP	2.47%	28
P-ST2B	Alignment - Barton Street	15+09 to 15+01	12' L to 18' R	ST-2B	1403.32	ST-2A	1403.01	15	RCP	RCP	1.00%	31
P-ST2C	Alignment - 4th Street	23+53 to 23+13	16' L to 17' L	ST-2C	1400.93	ST-2	1400.53	15	RCP	RCP	1.00%	40
P-ST2D	Alignment - 4th Street	23+55 to 23+55	15' R to 15' L	ST-2D	1401.34	ST-2C	1401.03	15	RCP	RCP	1.03%	30
P-ST3	Alignment - Barton Street	13+37 to 12+72	5' R to 5' R	ST-3	1399.68	ST-4	1399.57	36 x 23	RC ARCH	Concrete Arch Pipe	0.17%	65
P-ST3A	Alignment - Barton Street	13+37 to 13+37	21' R to 5' R	ST-3A	1399.95	ST-3	1399.80	12	RCP	RCP	1.00%	15
P-ST4	Alignment - Barton Street	12+72 to 11+92	5' R to 5' R	ST-4	1399.57	ST-5	1399.43	36 x 23	RC ARCH	Concrete Arch Pipe	0.17%	80
P-ST4A	Alignment - Barton Street	12+72 to 12+72	20' R to 5' R	ST-4A	1399.82	ST-4	1399.68	12	RCP	RCP	1.00%	15
P-ST5	Alignment - Barton Street	11+92 to 10+00	5' R to 5' R	ST-5	1399.43	ST-6	1399.10	36 x 23	RC ARCH	Concrete Arch Pipe	0.17%	192
P-ST5A	Alignment - Barton Street	11+92 to 11+92	21' R to 5' R	ST-5A	1399.67	ST-5	1399.53	12	RCP	RCP	1.00%	15
P-ST7	Alignment - 4th Street	21+67 to 22+86	16' R to 19' R	ST-7	1402.66	ST-8	1401.77	15	RCP	RCP	0.75%	119



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PROJECT

STORM LAKE

4th AND BARTON

STORM SEWER

IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 UNDERDRAIN LAYOUT
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	11/11/16
CLIENT PROJECT NO.	-

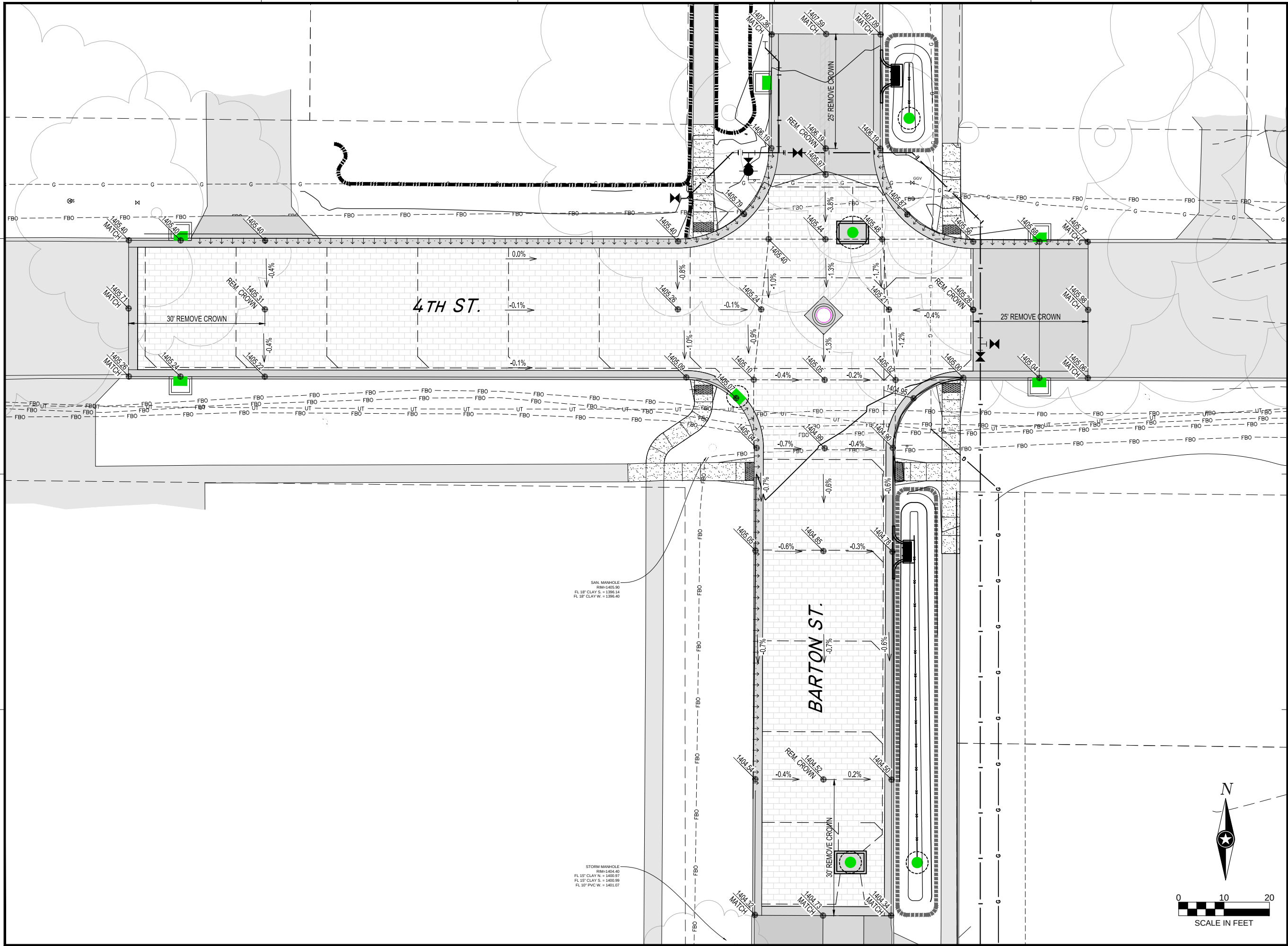
TITLE

UNDERDRAIN LAYOUT PLAN

SHEET

C3-12

Preliminary
Not for Construction



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STORM LAKE

4th AND BARTON

STORM SEWER

IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 GRADING DETAILS
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD/NB
ORIGINAL ISSUE DATE	11/11/11
CLIENT PROJECT NO.	-

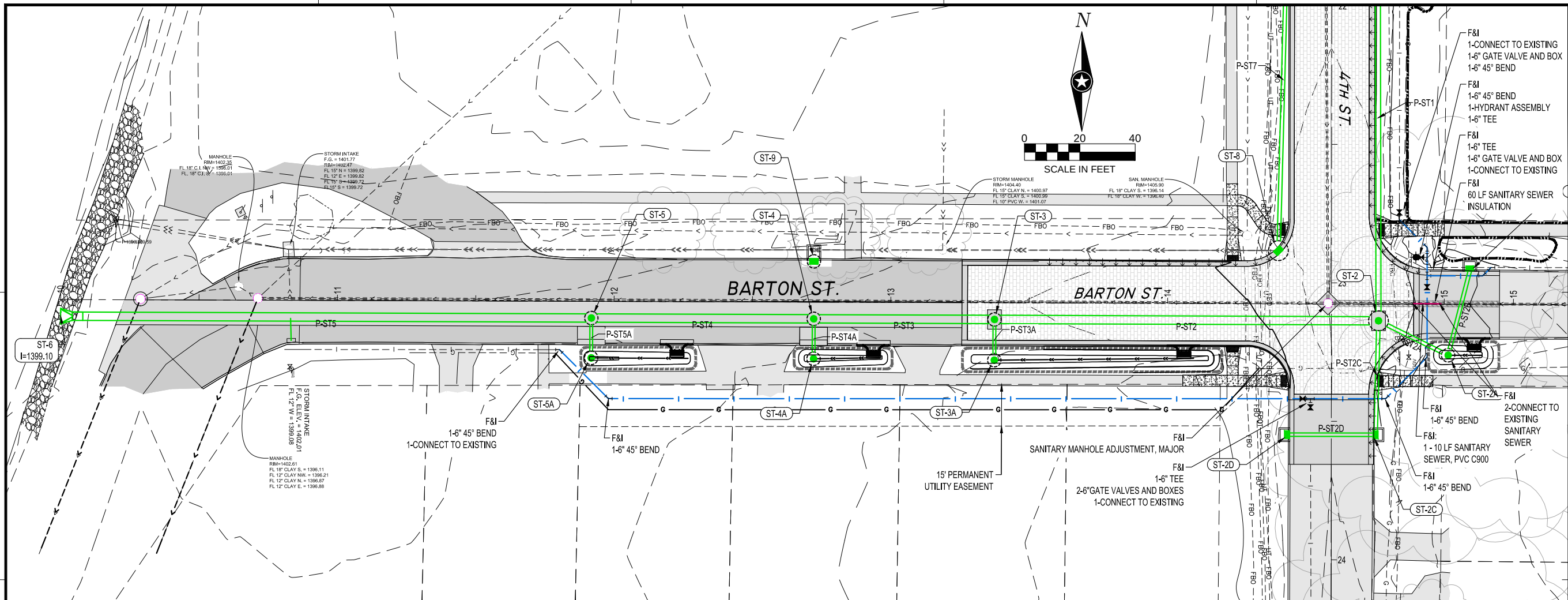
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GRADING DETAILS

SHEET

C4-10

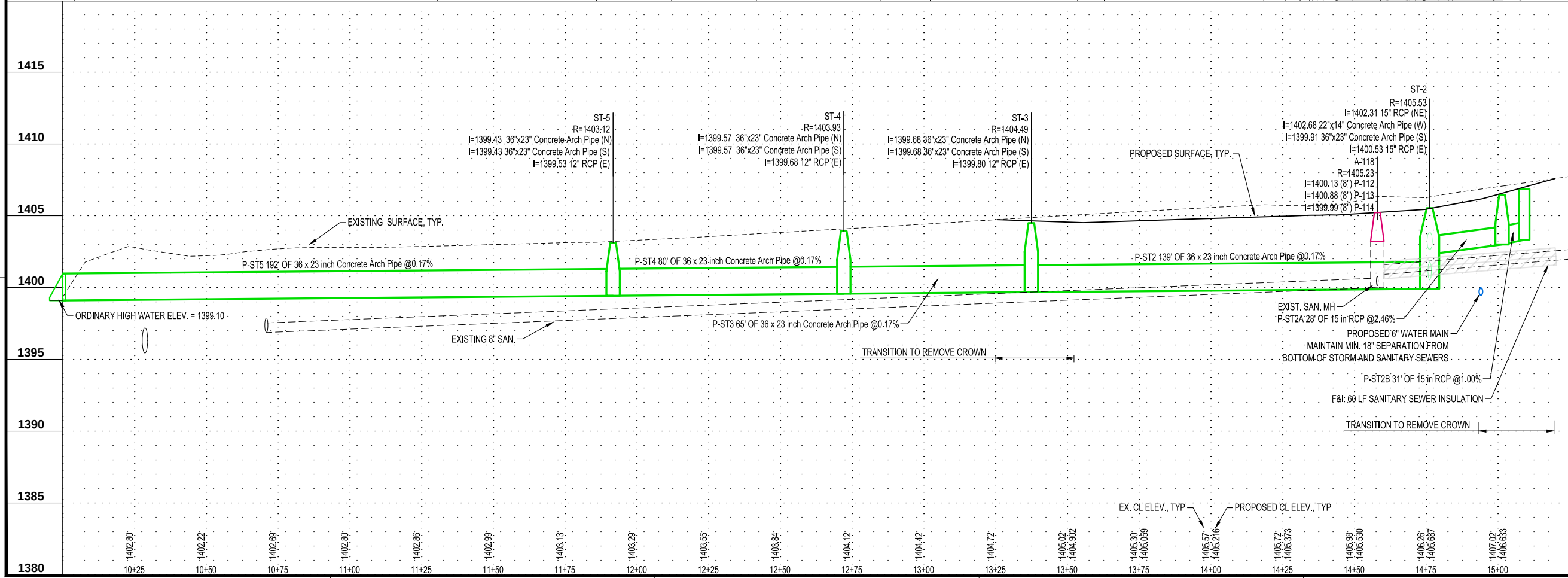
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PROJECT

STORM LAKE

4th AND BARTON

STORM SEWER IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO. 16-19284

CAD FILE NAME 19284 PLAN AND PROFILES

DRAWN BY DNA

DESIGNED BY DNA/NB/NSG

REVIEWED BY DSD/NB

ORIGINAL ISSUE DATE 11/1/2016

CLIENT PROJECT NO.

TITLE

PLAN AND PROFILE

BARTON ST.

1385

1390

1400

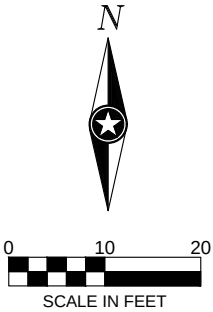
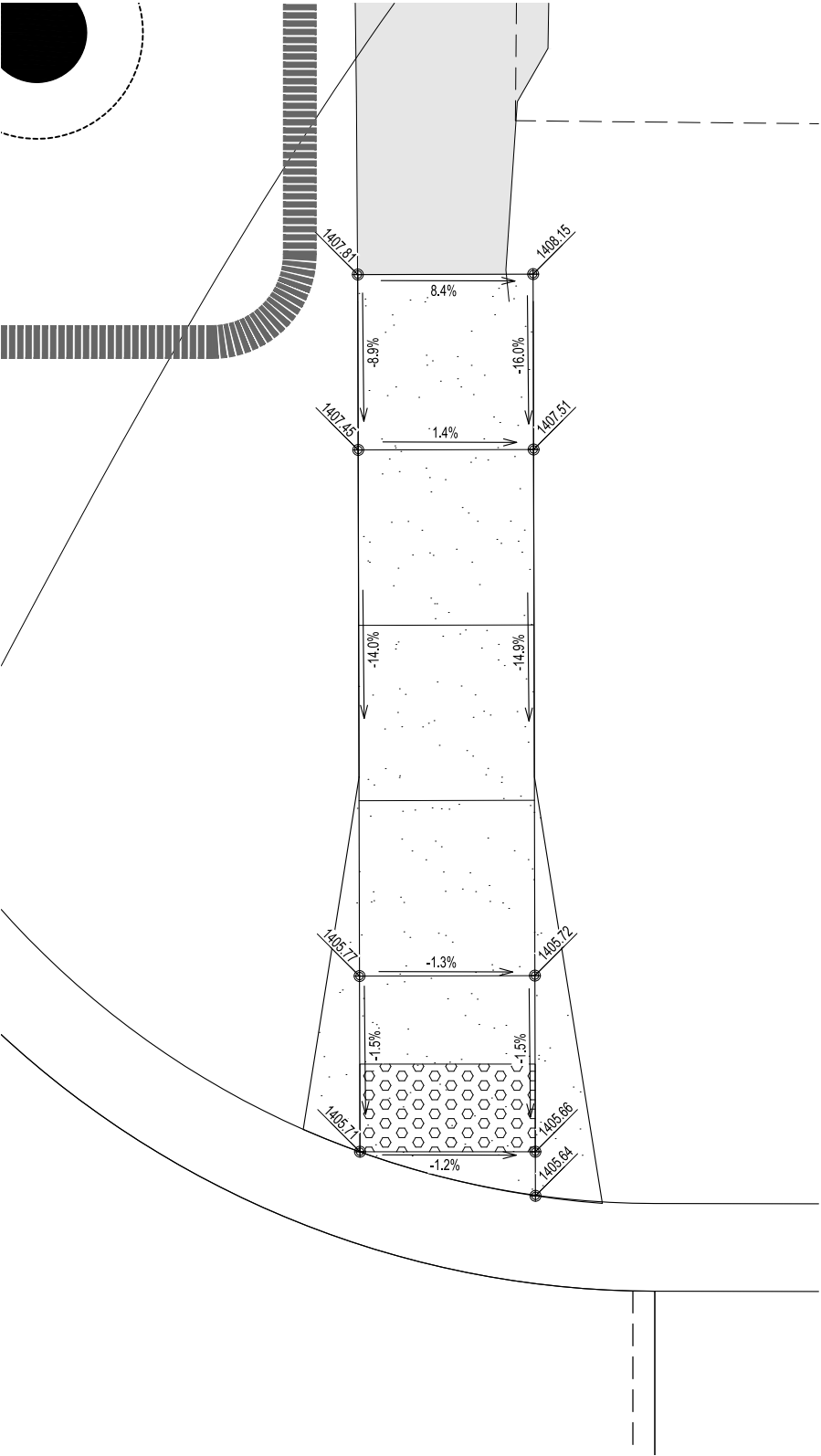
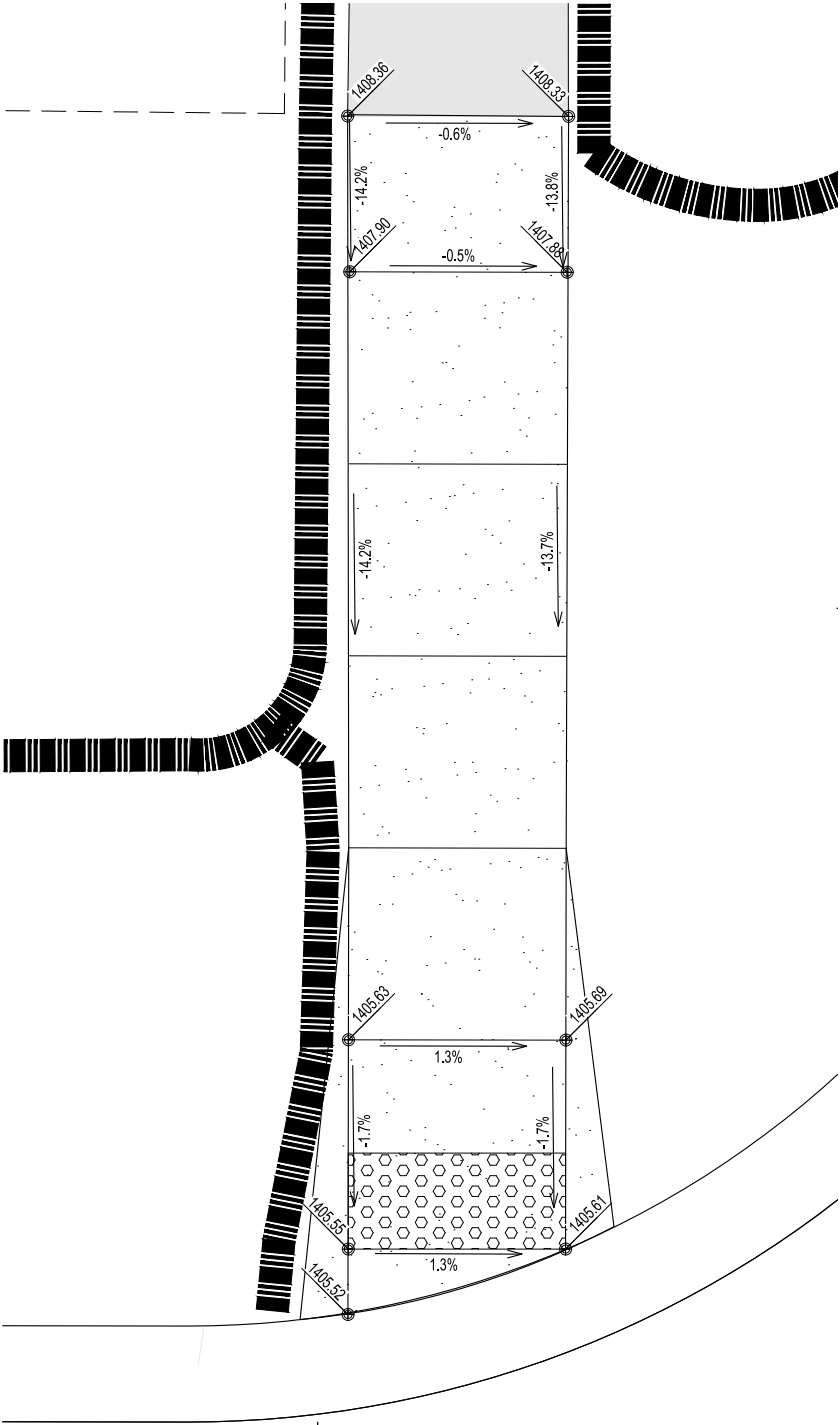
1405

1410

1415

SHEET

C4-12



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PROJECT

STORM LAKE

4th AND BARTON

STORM SEWER

IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

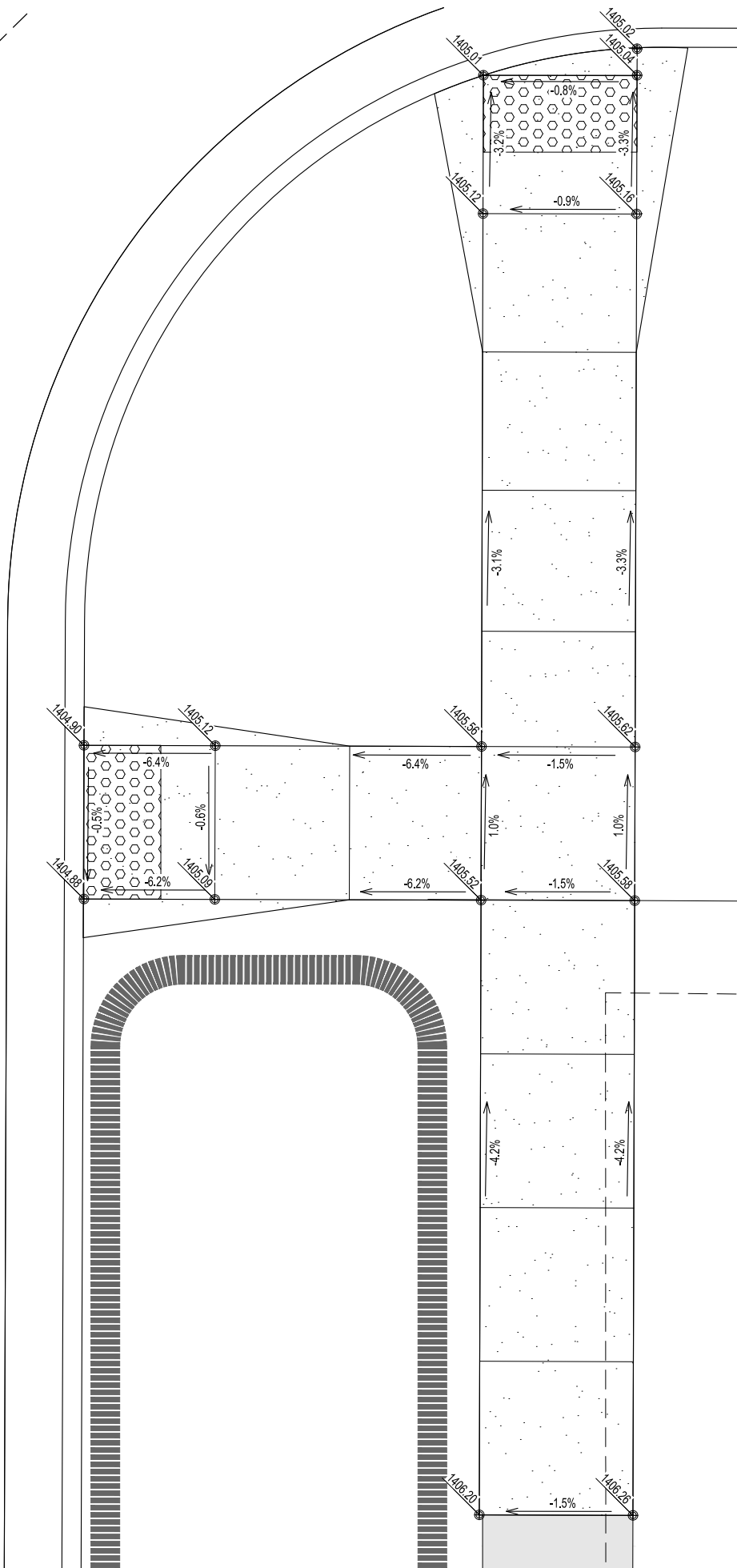
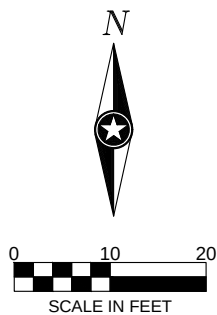
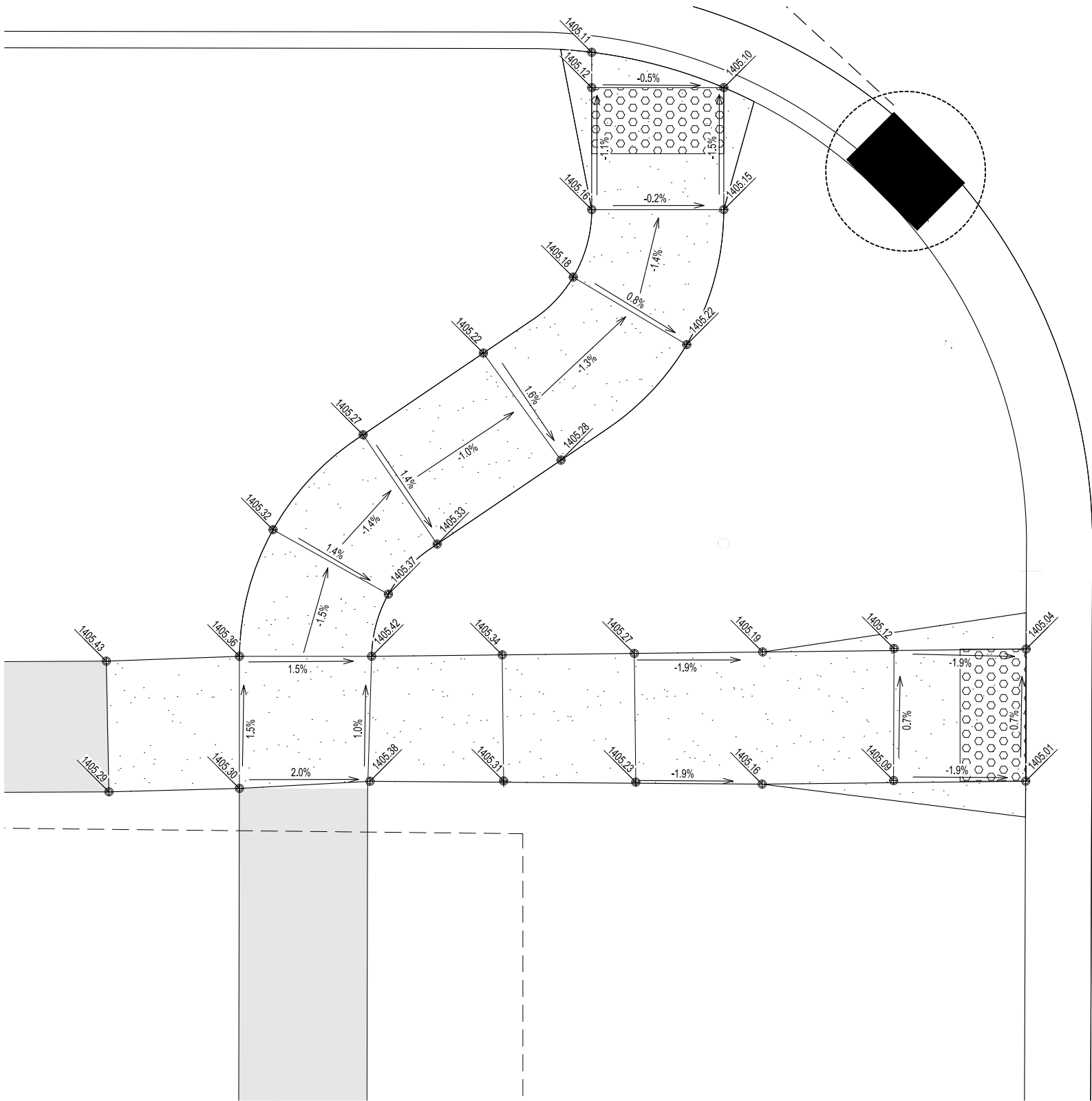
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CAD FILE NAME	19284 ADA SIDEWALK DETAILS
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	--/--/--
CLIENT PROJECT NO.	-

TITLE

ADA SIDEWALK
DETAILS

SHEET

C4-13



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PROJECT

STORM LAKE
4th AND BARTON
STORM SEWER
IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

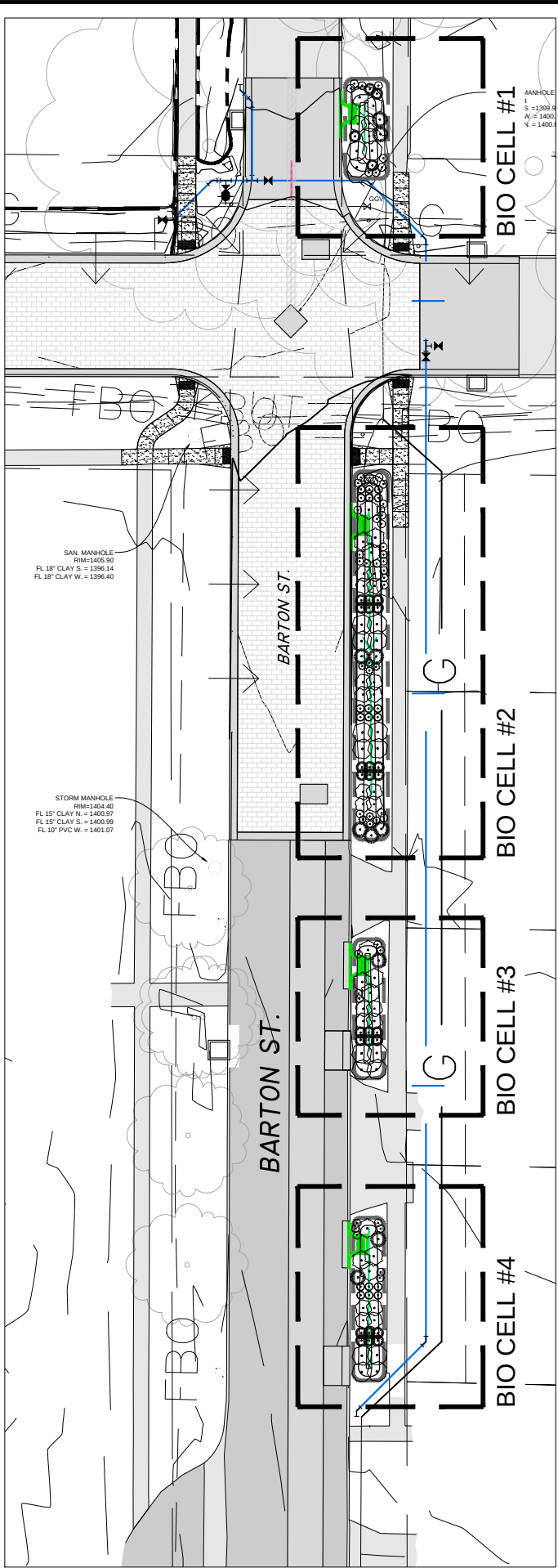
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CAD FILE NAME	19284 ADA SIDEWALK DETAILS
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	--/--/---
CLIENT PROJECT NO.	-

TITLE

ADA SIDEWALK
DETAILS

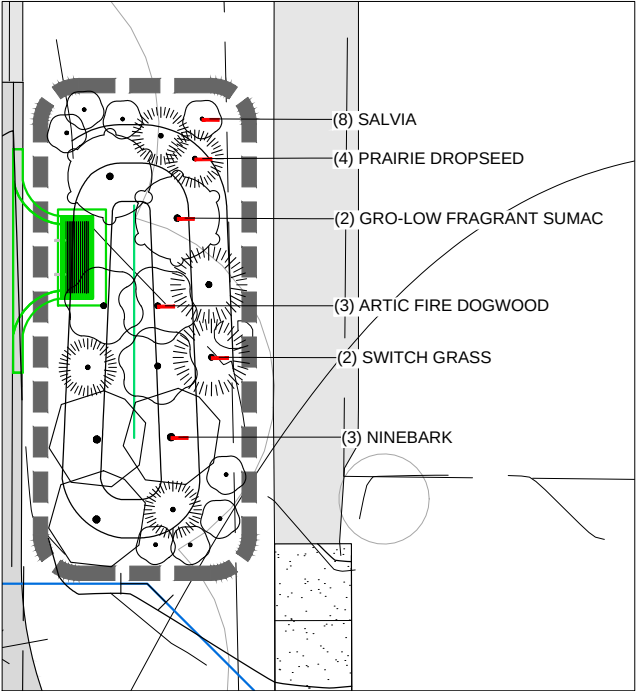
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C 4-14



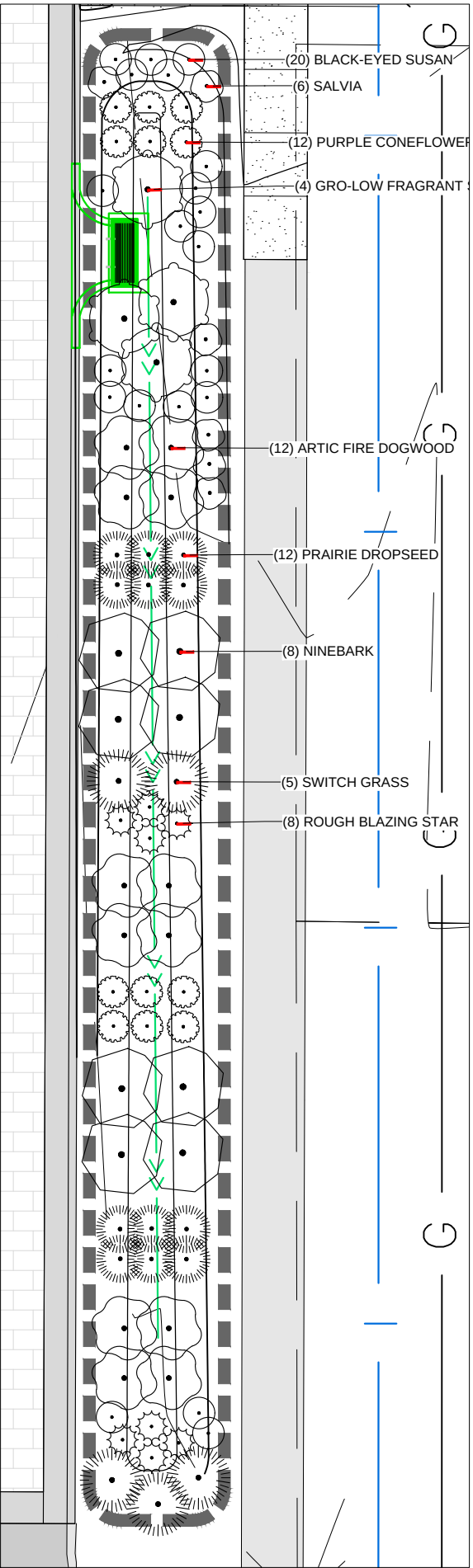
OVERALL SITE RESTORATION PLAN

1" = 20'-0"



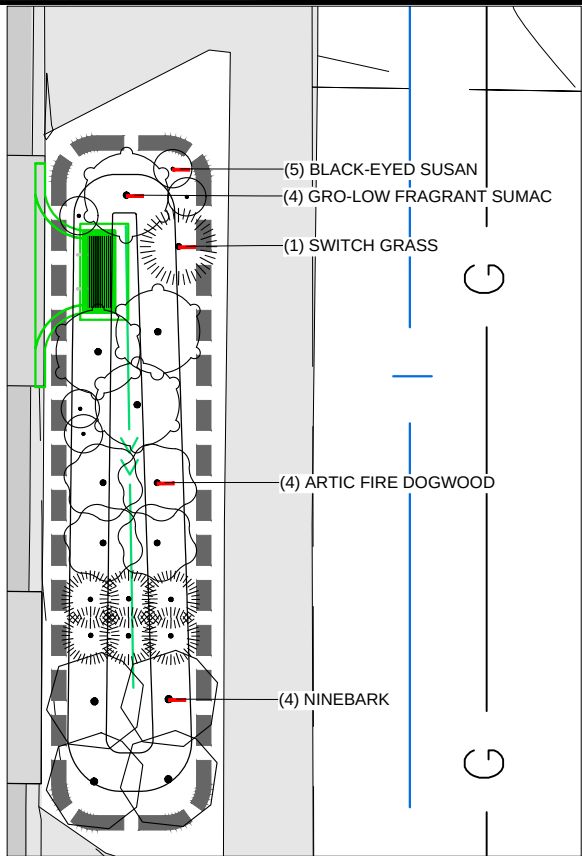
BIO CELL #1 PLANTING PLAN

1" = 5'-0"



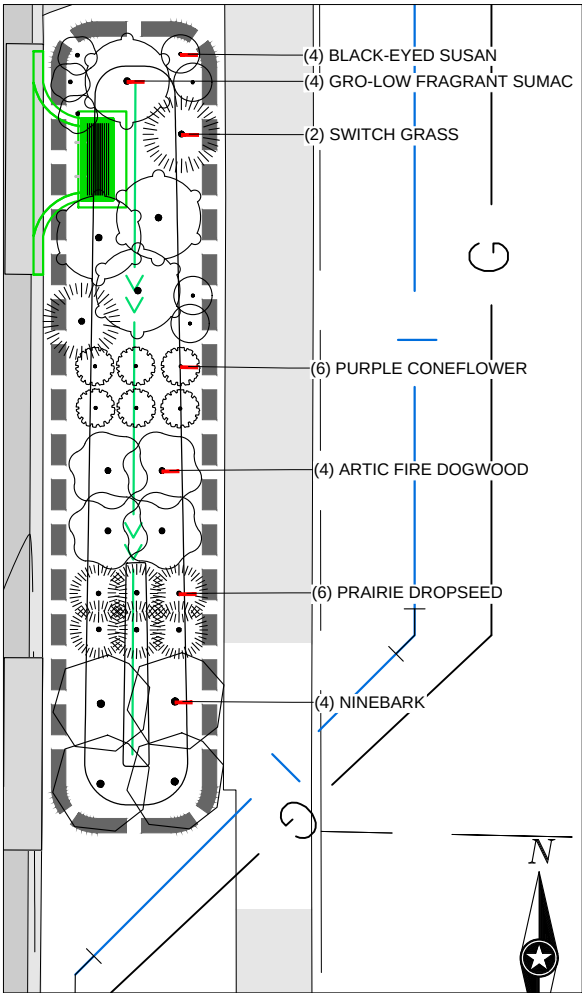
BIO CELL #1 PLANTING PLAN

1" = 5'-0"



BIO CELL #1 PLANTING PLAN

1" = 5'-0"



BIO CELL #1 PLANTING PLAN

1" = 5'-0"



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PROJECT

STORM LAKE
4th AND BARTON
STORM SEWER
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STORM LAKE IOWA

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PROJECT NO.	16-19284
CAD FILE NAME	19284 PLANTING PLAN
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	10/1/11
CLIENT PROJECT NO.	

TITLE

PLANTING PLAN

SHEET

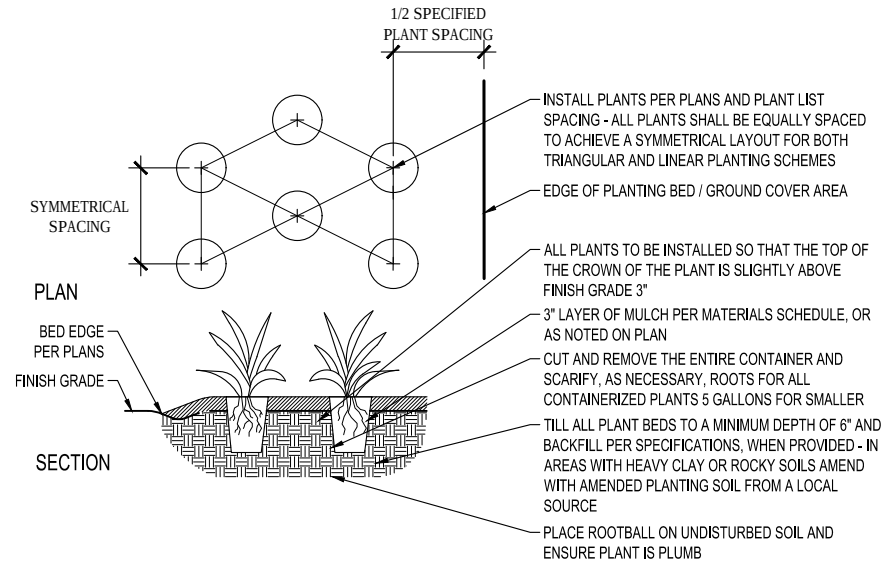
Preliminary
Not for Construction
C5-10

GENERAL PLANTING NOTES

- COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (FENCE, FOOTINGS, TREE ROOTBALLS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
- SAVE AND PROTECT ALL EXISTING TREES NOT NOTED TO BE REMOVED.
- REMOVE ALL CONSTRUCTION DEBRIS AND MATERIALS INJURIOUS TO PLANT GROWTH FROM PLANTING PITS AND BEDS PRIOR TO BACKFILLING WITH PLANTING MIX.
- LAWN AREAS SHALL HAVE 6" MINIMUM DEPTH OF TOPSOIL. TOPSOIL SHALL BE COMPACTED TO 85% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT.
- REFER TO PLANTING DETAILS PLAN FOR AMENDED SOIL DEPTH IN PLANTING BEDS AND SURROUNDING TREES. REFER TO SPECIFICATIONS FOR MIX TYPE.
- FIELD STAKE PLANTINGS ACCORDING TO PLAN. OWNER'S REPRESENTATIVE SHALL APPROVE ALL PLANT LOCATIONS PRIOR TO INSTALLATION. OWNER RESERVES THE RIGHT TO REVISE PLANTING LAYOUT AT TIME OF INSTALLATION.
- ALL PLANT MATERIALS SHALL BE TRUE TO THEIR SCIENTIFIC NAME AND SIZE AS INDICATED IN THE PLANT SCHEDULE.
- IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE SCHEDULE, THE PLANTING PLAN SHALL GOVERN.
- OWNER RESERVES THE RIGHT TO REVISE QUANTITIES TO SUIT BUDGET LIMITATIONS. CONTRACTOR'S UNIT BID PRICES SHALL PREVAIL FOR ANY CHANGES IN QUANTITIES.
- ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE AND OWNER.
- ALL PLANT MATERIALS MUST CONFORM TO AMERICAN STANDARDS FOR NURSERY STOCK (A.N.S.I.), LATEST EDITION PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, WASHINGTON D.C. LARGER SIZED PLANT MATERIALS OF THE SPECIES LISTED MAY BE USED IF THE STOCK CONFORMS TO A.N.S.I.
- ALL PLANT MATERIAL SHALL BE GUARANTEED TO BE IN A LIVE AND HEALTHY GROWING CONDITION FOR ONE FULL GROWING SEASON (ONE YEAR) AFTER FINAL PROJECT ACCEPTANCE OR SHALL BE REPLACED FREE OF CHARGE WITH THE SAME GRADE AND SPECIES. ALL TREES SHALL HAVE A STRONG CENTRAL LEADER.
- CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO OPERATIONS. ANY AREAS THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- PROVIDE SHREDDED HARDWOOD MULCH, NATURAL COLOR, SURROUNDING ALL PROPOSED TREES TO A 3-INCH MINIMUM DEPTH AS SHOWN IN TREE PLANTING DETAIL. DO NOT USE AN UNDERLAYMENT SUCH AS PLASTIC SHEET OR LANDSCAPE FABRIC. IF LOCATED WITHIN A PLANT BED, SUBSTITUTE THIS MULCH WITH THE MULCH CALLED FOR WITHIN THAT PLANT BED. APPLY PRE-EMERGENT TO ALL PLANTING BEDS PRIOR TO MULCHING.
- PROVIDE SHREDDED HARDWOOD MULCH, NATURAL COLOR, IN ALL PLANTING BEDS AS INDICATED ON PLAN TO A 3-INCH MINIMUM DEPTH. DO NOT USE AN UNDERLAYMENT SUCH AS PLASTIC SHEET OR LANDSCAPE FABRIC. APPLY PRE-EMERGENT TO ALL PLANTING BEDS PRIOR TO MULCHING.
- PROVIDE ROCK MULCH IN WHERE INDICATED ON PLAN. SEE DETAIL ON THIS PAGE. ALL TURF AREAS DISTURBED BY CONSTRUCTION SHALL BE SODDED. SOD SECTIONS SHALL BE NO SMALLER THAN 24" X 36" STAKED IN PLACE WITH BIODEGRADABLE SOD STAKES WHEN SLOPE IS STEEPER THAN 5:1 OR WHEN CONDITIONS REQUIRE.
- FOR SEEDING, FOLLOW IOWA SUDAS (STATEWIDE URBAN DESIGN AND SPECIFICATIONS) FOR SEEDING SPECIFICATIONS AND PLANTING PROCEDURES. (WWW.IOWASUDAS.ORG)
- FOR PLANT, SHRUB, AND TREE LOCATIONS: CONTRACTOR IS PERMITTED TO USE DISCRETION AS NECESSARY TO AVOID DRIVEWAYS, UTILITIES, OR OTHER CONFLICTS. THE TOTAL NUMBER OF PLANTS, INCLUDING SHRUBS AND TREES SHALL MEET CITY CODE.
- INDICATED QUANTITIES ARE ESTIMATES AND SHOULD BE CONFIRMED BY THE CONTRACTOR/BIDDER.

PLANT SCHEDULE

SHRUBS	BOTANICAL NAME / COMMON NAME	ROOT	SIZE	NOTE	QTY
	CORNUS SERICEA `ARTIC FIRE` / ARTIC FIRE DOGWOOD	CONT	24" MIN HT		23
	PHYSOCARPUS OPULIFOLIUS `AMBER JUBILEE` / NINEBARK	CONT	24" MIN HT		19
	RHUS AROMATICA `GRO-LOW` / GRO-LOW FRAGRANT SUMAC LOW SPREADING, RED FRUIT CLUSTERS ON FEMALES	12" HT	CONT		14
PERENNIALS	BOTANICAL NAME / COMMON NAME	ROOT	SIZE	NOTE	QTY
	ECHINACEA PURPUREA / PURPLE CONEFLOWER	6"	PLUG	6" HT MIN	18
	LIATRIS ASPERA / ROUGH BLAZING STAR	6"	PLUG	6" HT MIN	8
	PANICUM VIRGATUM `SHENANDOAH` / SWITCH GRASS	CONT	24" MIN HT		10
	RUDBECKIA FULGIDA `GOLDSTRUM` / BLACK-EYED SUSAN SUN + WELL-DRAINED SOILS YELLOW FLOWER BEES/BUTTERFLIES	CONT	12" MIN HT	BLOOMS JUNE-OCTOBER	29
	SALVIA X SYLVESTRIS VAR. / SALVIA PURPLE FLOWER	CONT	12" MIN HT	BLOOMS JUNE-AUGUST	17
	SPOROBOLUS HETEROLEPIS `TARA` / PRAIRIE DROPSEED	CONT	18" MIN HT		28



PERENNIAL PLANTING DETAIL
SCALE: 1" = 1'-0"



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PROJECT

STORM LAKE
4th AND BARTON
STORM SEWER
IMPROVEMENTS

STORM LAKE IOWA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	16-19284
CAD FILE NAME	19284 PLANTING PLAN
DRAWN BY	DNA
DESIGNED BY	DNA/NB/NSG
REVIEWED BY	DSD, NB
ORIGINAL ISSUE DATE	--/--/--
CLIENT PROJECT NO.	-

TITLE

PLANTING DETAILS

SHEET

Staff Summary

2/3/2020

Agenda Item # 5.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Brian Oakleaf, Finance Director

SUBJECT: **Public Hearing Authorizing a Maximum Tax Levy and Rate**

BACKGROUND: Last year, a provision was added to Iowa Code (384.15A) which requires an additional step in the budget process. Prior to any public hearing or decisions on the Budget, a separate public hearing and Resolution adopting a Maximum Levy and Rate must be held.

For Fiscal Year 2020-2021, we are proposing a Levy of \$12.32772, resulting in revenues of \$3,939,937. This represents a 1.83% increase in revenue and a reduction in the Tax Rate by \$0.08 per \$1,000 of value.

FISCAL IMPACT: There is no fiscal Impact for holding the hearing.

RECOMMENDATION: Open the Hearing
Receive Comments from the Public
Close the Meeting

ATTACHMENTS:

Description	Type
Public Hearing Notice	Backup Material

CITY NAME Storm Lake	NOTICE OF PUBLIC HEARING -PROPOSED PROPERTY TAX LEVY Fiscal Year July 1, 2020 - June 30, 2021	CITY CODE 11-091
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The City Council will conduct a public hearing on the proposed Fiscal Year City property tax levy as follows:

Meeting Date: 2/3/2020	Meeting Time: 5:00 PM	Meeting Location: City Council Chambers 620 Erie St.
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At the public hearing any resident or taxpayer may present objections to, or arguments in favor of the proposed tax levy.

After adoption of the proposed tax levy, the Council will publish notice and hold a hearing on the proposed city budget.

City Web Site (if available): www.stormlake.org		City Telephone Number: (712) 732-8000		
Iowa Department of Management	Current Year Certified Property Tax 2019/2020	Budget Year Effective Property Tax 2020/2021**	Budget Year Proposed Maximum Property Tax 2020/2021	Annual % CHG
Regular Taxable Valuation	1 311,792,458	319,599,571	319,599,571	
Tax Levies:				
Regular General	2 \$2,525,519	\$2,525,519	\$2,588,757	
Contract for Use of Bridge	3 \$0	\$0	\$0	
Opr & Maint Publicly Owned Transit	4 \$0	\$0	\$0	
Rent, Ins. Maint. Of Non-Owned Civ. Ctr.	5 \$0	\$0	\$0	
Opr & Maint of City-Owned Civic Center	6 \$0	\$0	\$0	
Planning a Sanitary Disposal Project	7 \$0	\$0	\$0	
Liability, Property & Self-Insurance Costs	8 \$116,734	\$116,734	\$112,434	
Support of Local Emer. Mgmt. Commission	9 \$0	\$0	\$0	
Emergency	10 \$84,184	\$84,184	\$86,293	
Police & Fire Retirement	11 \$286,043	\$286,043	\$285,771	
FICA & IPERS	12 \$117,782	\$117,782	\$121,315	
Other Employee Benefits	13 \$738,902	\$738,902	\$745,367	
*Total 384.15A Maximum Tax Levy	14 \$3,869,164	\$3,869,164	\$3,939,937	1.83%
Calculated 384.15A Maximum Tax Rate	15 \$12.40942	\$12.10629	\$12.32772	

Explanation of significant increases in the budget:

No significant increases. Revenue up 1.83%. Tax Rate down \$.08 per \$1,000 value.

If applicable, the above notice also available online at:

www.stormlake.org

*Total city tax rate will also include voted general fund levy, debt service levy, and capital improvement reserve levy

**Budget year effective property tax rate is the rate that would be assessed for these levies if the dollars requested is not changed in the coming budget year

Staff Summary

2/3/2020

Agenda Item # 6.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Brian Oakleaf, Finance Director

SUBJECT: **Resolution No. 46-R-2019-2020 Approving Maximum Tax Levy and Rate for FY 2020-2021**

BACKGROUND: Last year, a provision was added to Iowa Code (384.15A) which requires an additional step in the budget process. Prior to any public hearing or decisions on the Budget, a separate public hearing and Resolution adopting a Maximum Levy and Rate must be held.

For Fiscal Year 2020-2021, we are proposing a Levy of \$12.32772, resulting in revenues of \$3,939,937. This represents a 1.83% increase in revenue and a reduction in the Tax Rate by \$0.08 per \$1,000 of value.

The General Fund Levy remains capped at \$8.20, a capped Emergency Levy remains at \$0.27. After a few years of adjusting our Insurance Levy to provide for reserves to off-set deductibles as well as cushion any large increases, we are now able to reduce the Levy a little this year even with an expected rise in cost. With carry over and reserves we are able keep our retirement and pension Levy stable, with an eighth of a percent increase, and we continue to see Self-Insured Health Benefit costs increase at only 4.5% for our Maximum Claim Liability. This Fund also has reserves to stabilize the Levy rate as we carry 140% of our Maximum Yearly Cost in reserves.

What the new law does not provide is inclusion of voted General Fund Levy, Debt Service Levy or any Capital Improvement Levies.

Our Debt Service Levy will be \$1.44529 per \$1,000 of value, making our total Tax Levy for FY 2021 13.77301, down a little from last year's Levy of 13.84485

While the Debt Service Levy is not capped, our expectation is that the Levy should remain stable over the next few years: The Erie Street GO Bond has its final payment of \$149,926 this year, so any additional GO Debt for projects, such as an SRF loan, will have minimal impact on the tax rate in following fiscal years.

FISCAL IMPACT: Additional tax revenues of \$70,773 over the current fiscal year.

RECOMMENDATION: Pass Resolution No. 46-R-2019-2020 authorizing a Maximum Tax Levy and Rate.

ATTACHMENTS:

Description	Type
▣ Resolution No. 46-R-2019-2020	Resolution
▣ Max Levy and Rate	Backup Material
▣ 5 Year Tax Rate	Backup Material

RESOLUTION NO. 46-R-2019-2020

Approval of FY 2020/2021 Maximum Property Tax Dollars.

WHEREAS, the City Council of the City of Storm Lake has considered the proposed FY 2020/2021 City maximum property tax dollars for the affected levy total, and

WHEREAS, a notice concerning the proposed city maximum property tax dollars was published as required and posted on city web site and/or social media accounts if applicable,

WHEREAS, a public hearing concerning the proposed city maximum property tax dollars was held on February 3rd, 2020,

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Storm Lake that the maximum property tax dollars for the affected tax levies for FY 2020/2021 shall not exceed the following total: \$3,939,937

Total maximum levy for affected property tax levies: \$12.32772

The Maximum Property Tax dollars requested in the total maximum levy for affected property tax levies for FY 2020/2021 is \$3,939,937 and does not represent an increase of greater than 2.0% from the Maximum Property Tax dollars requested for FY 2020/2021.

PASSED AND APPROVED this 3rd day of February, 2020.

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk

CITY NAME Storm Lake	NOTICE OF PUBLIC HEARING -PROPOSED PROPERTY TAX LEVY Fiscal Year July 1, 2020 - June 30, 2021	CITY CODE 11-091
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The City Council will conduct a public hearing on the proposed Fiscal Year City property tax levy as follows:

Meeting Date: 2/3/2020	Meeting Time: 5:00 PM	Meeting Location: City Council Chambers 620 Erie St.
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After adoption of the proposed tax levy, the Council will publish notice and hold a hearing on the proposed city budget.

City Web Site (if available): www.stormlake.org		City Telephone Number: (712) 732-8000		
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Contract for Use of Bridge 3	\$0	\$0		
Opr & Maint Publicly Owned Transit 4	\$0	\$0		
Rent, Ins. Maint. Of Non-Owned Civ. Ctr. 5	\$0	\$0		
Opr & Maint of City-Owned Civic Center 6	\$0	\$0		
Planning a Sanitary Disposal Project 7	\$0	\$0		
Liability, Property & Self-Insurance Costs 8	\$116,734	\$116,734	\$112,434	
Support of Local Emer. Mgmt. Commission 9	\$0	\$0		
Emergency 10	\$84,184	\$84,184	\$86,293	
Police & Fire Retirement 11	\$286,043	\$286,043	\$285,771	
FICA & IPERS 12	\$117,782	\$117,782	\$121,315	
Other Employee Benefits 13	\$738,902	\$738,902	\$745,367	
*Total 384.15A Maximum Tax Levy 14	\$3,869,164	\$3,869,164	\$3,939,937	1.83%
Calculated 384.15A MaximumTax Rate 15	\$12.40942	\$12.10629	\$12.32772	

Explanation of significant increases in the budget:

No significant increases. Revenue up 1.83%. Tax Rate down \$.08 per \$1,000 value.

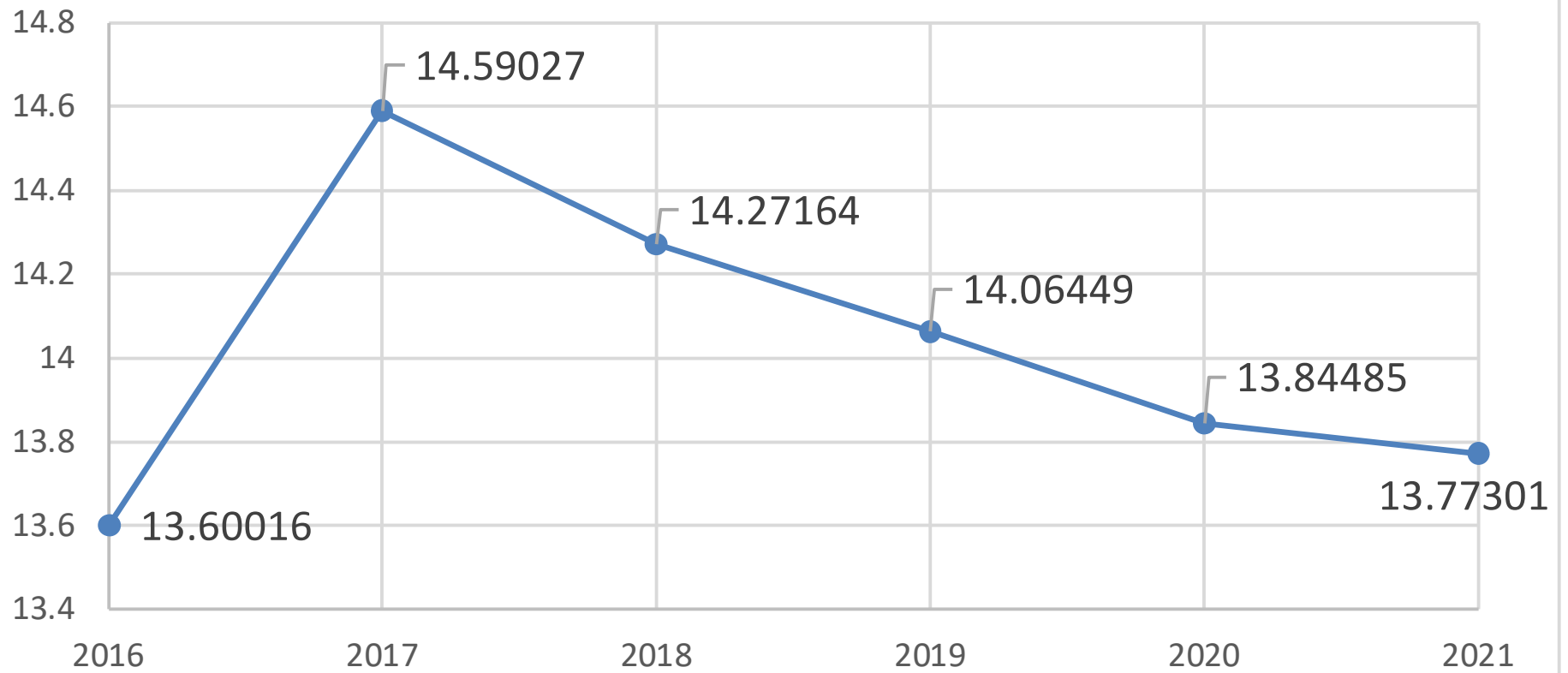
If applicable, the above notice also available online at:

www.stormlake.org

*Total city tax rate will also include voted general fund levy, debt service levy, and capital improvement reserve levy

**Budget year effective property tax rate is the rate that would be assessed for these levies if the dollars requested is not changed in the coming budget year

Total Tax Rate - City of Storm Lake



Staff Summary

2/3/2020

Agenda Item # 7.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Keri Navratil, City Manager

SUBJECT: **Motion Setting Public Hearing for Fiscal Year 2021-2025
Proposed Capital Improvement Plan Workshop**

BACKGROUND: Staff recommends setting a Public Hearing for February 17, 2020 at 5:00 p.m. in City Council Chambers prior to approving the Capital Improvement Plan for Fiscal Years 2021-2025

FISCAL IMPACT: The cost of publication

RECOMMENDATION: Set a Public Hearing for February 17, 2020 at 5:00 p.m. in City Council Chambers for the Fiscal Year 2021-2025 Capital Improvement Plan.

ATTACHMENTS:

Description	Type
☐ General Fund CIP	Backup Material
☐ Enterprise Fund CIP	Backup Material
☐ Public Hearing Notice	Backup Material

City of Storm Lake, Iowa
Capital Improvement Plan

2021 thru 2025

PROJECTS BY DEPARTMENT

Department	Project #	Priority	2021	2022	2023	2024	2025	Total
Administration								
City Hall Updates	ADMN-17-01	3	20,000	20,000	20,000	20,000	20,000	100,000
LOST Set-Aside	ADMN-18-05	1				50,000	50,000	100,000
Council Chambers Broadcasting Technology Upgrades	ADMN-20-02	n/a	75,830					75,830
Sesquicentennial Project	ADMN-23-01	n/a		2,500				2,500
Administration Total			95,830	22,500	20,000	70,000	70,000	278,330
Airport								
Runway 13/31 Nav aids	AIR-20-01	n/a					20,500	20,500
Airport Technology Upgrades	AIR-20-02	1	18,000	6,500				24,500
Lighting Replacement 17/35	AIR-21-01	2			38,790	349,110		387,900
Dump truck/Plow	AIR-21-02	4				225,000		225,000
Runway 17/35 Nav aids	AIR-22-01	3					25,587	25,587
Airport Total			18,000	6,500	38,790	574,110	46,087	683,487
Building/Code Enforcement								
Vehicle Replacement	CODE-20-01	2			35,000			35,000
Comp Plan/Zoning Update	CODE-24-02	n/a				55,000		55,000
Building/Code Enforcement Total					35,000	55,000		90,000
Campground								
Campground Road Repairs	CG-20-02	3				65,000		65,000
Storage Building	CG-21-02	1			15,000			15,000
Campground Mower	CG-21-03	1	15,000					15,000
Campground Electrical Upgrades	CG-21-04	1	25,000					25,000
Security Cameras	CG-21-05	n/a	10,000					10,000
Utility Vehicle- Workhorse	CG-21-06	n/a	14,500					14,500
Cable Box/Service Line Replacement	CG-21-07	n/a	10,000					10,000
Campground Flood Mitigation	CG-21-08	1	100,000					100,000
Carport	CG-22-01	n/a		10,000				10,000
Additional Long Term Parking Lot	CG-22-03	4		250,000				250,000
Campground Total			174,500	260,000	15,000	65,000		514,500
Cottages								
Cottage Refresh/Remodel	COT-21-01	1				40,000		40,000
Security Cameras	COT-21-02	n/a	10,000					10,000
Construction of Additional Units	COT-21-03	1	300,000					300,000
New Incoming Cable Lines	COT-21-04	1	20,000					20,000
Cottages Total			330,000			40,000		370,000
Economic/Community Development								
Downtown Master Plan	ED-18-01	3			150,000			150,000

Department	Project #	Priority	2021	2022	2023	2024	2025	Total
Comp Plan Update	ED-25-01	n/a					20,000	20,000
Economic/Community Development Total					150,000		20,000	170,000
Fire Department								
FD Mobile Computers	FIRE-17-07	n/a				12,000		12,000
SCBA Replacement/Rotation	FIRE-18-01	1	7,000	14,000	14,000	6,900	6,900	48,800
Fire/Rescue Boat	FIRE-19-01	n/a		152,000				152,000
Fire Hose	FIRE-19-02	2				4,000		4,000
Bunker Gear Dryer	FIRE-21-07	n/a	8,000					8,000
FD Concrete Rehab	FIRE-21-09	n/a					225,000	225,000
Ladders	FIRE-22-02	3		2,400				2,400
Blinds	FIRE-22-04	3		3,000				3,000
Replace Engine #75	FIRE-23-04	1				630,000		630,000
Multiforce Air Lifting Bags	FIRE-24-01	3				6,700		6,700
Trenching Shoring Kit	FIRE-24-03	2				20,000		20,000
Hydrafusion Strut Kit 16"	FIRE-24-04	2				7,000		7,000
Door Access	FIRE-25-01	n/a					4,100	4,100
Meeting Projection Equipment	FIRE-25-02	n/a					1,500	1,500
RAM Fan Unit	FIRE-25-03	n/a					5,600	5,600
CMC Rope Rescue Kit	FIRE-25-04	n/a					3,300	3,300
Fire Station Expansion/Remodel Design Services	FIRE-25-05	1					150,000	150,000
Fire Department Total			15,000	171,400	14,000	686,600	396,400	1,283,400
Golf Course								
Rough Mower	GOLF-18-01	n/a	80,000					80,000
Clubhouse Renovation	GOLF-20-01	1		40,000	40,000			80,000
Greens Mower	GOLF-22-01	1				41,000		41,000
Fairway Mower	GOLF-22-02	2		49,000				49,000
Toro Mower	GOLF-22-03	n/a		40,000				40,000
Pull Behind Fertilizer Spreader	GOLF-23-01	3			6,000			6,000
Weed Sprayer	GOLF-23-02	1			12,000			12,000
Utility Vehicle	GOLF-23-03	n/a			25,000			25,000
Greens Roller	GOLF-24-01	3				13,000		13,000
EZ-GO Workhorse	GOLF-24-05	n/a				21,000		21,000
Jacobsen Mower	GOLF-25-01	n/a					33,000	33,000
Golf Course Total			80,000	129,000	83,000	75,000	33,000	400,000
Information Technology								
Standard IT Contract	IT-16-01	n/a	40,950	42,998	45,147	47,405	49,775	226,275
Server and Core Networking	IT-17-01	2	38,500	26,000	14,000		35,000	113,500
PD In Car Computers	IT-17-03	n/a	20,100	20,100	20,100	20,100		80,400
Printers/Scanners	IT-17-11	n/a	4,000	4,000	4,000	4,000	4,000	20,000
Other Peripheral	IT-17-12	n/a	3,000	3,000	3,000	3,000	3,000	15,000
Software Maintenance	IT-18-01	1	34,700					34,700
Subscriptions- Operating Systems	IT-18-02	1	18,300	18,300	18,300	18,300	18,300	91,500
Computer/iPad Rotation	IT-18-03	1	24,350	17,950	33,250	22,550		98,100
Subscriptions- Meraki (Cameras)	IT-20-01	n/a	31,070	31,070	31,070	31,070	31,070	155,350
Subscriptions- Phones	IT-20-02	n/a	27,722	27,722	27,722	27,722	27,722	138,610
Special IT Projects	IT-20-03	n/a		9,945	9,945	19,945	29,645	69,480
Information Technology Total			242,692	201,085	206,534	194,092	198,512	1,042,915
Kings Pointe								
Resort Remodel and Refresh	KP-17-04	n/a	186,250	186,250	186,250	186,250	186,250	931,250

Department	Project #	Priority	2021	2022	2023	2024	2025	Total
Kings Pointe Total			186,250	186,250	186,250	186,250	186,250	931,250
Library								
Library Security Cameras	LIB-17-02	2			4,500			4,500
New Roof	LIB-23-01	n/a	200,000					200,000
Exterior Wall Reinforcement	LIB-23-02	1		14,000				14,000
Shelving Replacement	LIB-24-01	4				21,500		21,500
Electrical Upgrades	LIB-24-02	4				1,787		1,787
Library Total			200,000	14,000	4,500	23,287		241,787
Marina								
Marina Upgrades	MRNA-18-01	1	20,000					20,000
Marina Total			20,000					20,000
Outdoor Water Park								
Slide Renovation	OWP-20-01	1				109,000		109,000
OWP Circulation Pump	OWP-20-02	1	5,000	5,000	5,000	5,000	5,000	25,000
Paint OWP Slides	OWP-22-01	1		50,000				50,000
Outdoor Water Park Total			5,000	55,000	5,000	114,000	5,000	184,000
Parks Department								
Dock Replacement	PARKS-17-04	n/a	10,000					10,000
Trail- Set-Aside	PARKS-18-02	n/a	25,000	25,000	25,000	25,000	25,000	125,000
Park Building	PARKS-19-02	2					200,000	200,000
Russell Street Park	PARKS-19-04	1	15,000	15,000	15,000	15,000	15,000	75,000
Utility Vehicle	PARKS-20-03	4	17,000					17,000
New Holland Replacements	PARKS-20-04	3	80,000					80,000
10th Street Park	PARKS-20-08	1		30,000	30,000			60,000
Park Upgrade	PARKS-22-01	2		51,500				51,500
Shelter House HVAC System	PARKS-22-03	n/a	18,000					18,000
Large Area Mower	PARKS-22-04	3				75,000		75,000
Chautauqua Park Multi-Use Court Surface	PARKS-22-05	3		20,000				20,000
Spoil Site Feasibility Study	PARKS-22-06	n/a	20,000					20,000
Recreation Set-Aside	PARKS-23-01	3			150,000	150,000	150,000	450,000
3/4 Ton Pickup	PARKS-23-02	n/a			48,000			48,000
1/2 Ton Pickup	PARKS-23-03	n/a			40,000			40,000
Trailer	PARKS-23-04	n/a			8,000			8,000
Pickup	PARKS-23-05	n/a			25,000			25,000
W9th Ballfield Fence	PARKS-24-01	2				20,000		20,000
Parks Shop Repairs/Addition	PARKS-24-02	n/a				100,000		100,000
Pickup	PARKS-24-03	n/a				40,000		40,000
Mower- Unit #5	PARKS-25-01	n/a					75,000	75,000
Mower- Unit #410	PARKS-25-02	n/a					75,000	75,000
Playground Equipment	PARKS-26-02	n/a	50,000					50,000
Parks Department Total			235,000	141,500	341,000	425,000	540,000	1,682,500
Police Department								
Patrol Vehicle	PD-17-01	2		49,000	50,000	52,000	56,000	207,000
Body Armor	PD-17-02	1	7,000		21,000	7,000	7,000	42,000
In-Car Video Camera Replacement	PD-17-03	2	11,000			11,000		22,000
AEDs	PD-17-05	3	10,000					10,000
Tasers	PD-18-04	n/a			13,000			13,000

Department	Project #	Priority	2021	2022	2023	2024	2025	Total
Police Supervisor's Vehicle	PD-19-01	2	53,000				56,000	109,000
Copier	PD-19-02	n/a				11,000		11,000
Radar	PD-20-02	3		3,300		3,500		6,800
CSO Truck	PD-21-01	3			30,000			30,000
Body Camera Rotation	PD-21-02	3			20,000	20,000		40,000
Community Camera System	PD-21-04	5		40,000				40,000
Squad Room Furniture	PD-21-05	5		13,500				13,500
Radar Trailer	PD-21-08	5	15,000					15,000
Blue Gun Trainers	PD-21-09	5		2,500				2,500
PD ATV	PD-21-10	5		9,000				9,000
Tactical Radio Headsets	PD-21-12	3	8,400					8,400
Tactical Team Truck	PD-21-13	2		40,000				40,000
Rifle Plates	PD-22-03	4		9,000				9,000
Power Washer	PD-22-04	2		950				950
Flashlights	PD-22-05	2		3,900				3,900
Furniture	PD-22-06	3		7,000				7,000
Carpet	PD-22-07	3		15,000				15,000
Unmarked Vehicle	PD-23-01	1	32,000		38,000			70,000
Police Station Roof	PD-23-03	3	50,000					50,000
Surveillance Camera/Equipment	PD-24-01	1				4,500		4,500
Load Bearing Vests	PD-25-01	n/a					5,500	5,500
Covert Body Wire	PD-25-02	n/a					4,300	4,300
Badge Stickers	PD-25-03	n/a					400	400
Floatation Devices (for Patrol Cars)	PD-25-04	n/a					1,500	1,500
NIBIN Firearm Evidency Collection System	PD-25-05	n/a					4,300	4,300
Police Department Total			186,400	193,150	172,000	109,000	135,000	795,550

Street Department								
Railroad Crossing Improvements	ST-21-17	1	70,000					70,000
Plow Truck #12	ST-17-02	2	175,000					175,000
Street Light Cabinet Replacement	ST-18-01	1	85,000					85,000
Dump Truck #13	ST-18-06	3		145,000				145,000
Wheel Loader #126	ST-19-10	3			175,000			175,000
Oneida Street to Milwaukee	ST-20-01	2	2,183,500					2,183,500
Boom/Bucket Truck	ST-20-10	2		220,000				220,000
Downtown Revitalization	ST-20-19	n/a			450,000			450,000
Oneida Street- Lakeshore	ST-21-01	n/a				280,000	2,080,000	2,360,000
Storage Building	ST-21-03	1					336,000	336,000
C63 Resurface (Partner with BVC)	ST-21-05	2	150,000					150,000
Security Cameras & Infrastructure	ST-21-06	n/a	18,000					18,000
Hwy 7/110 Traffic Lane/Signalization	ST-21-07	1	1,440,000					1,440,000
11' Snowplow Rotation	ST-21-09	n/a		9,800	9,800	19,600		39,200
Pickup- Unit #135	ST-21-10	n/a	60,000					60,000
12' Snowplow Rotation	ST-21-12	n/a	9,800	14,000	11,000		9,800	44,600
Mower Attachment	ST-21-14	n/a	30,000					30,000
Snow Plow Wings for Motor Grader	ST-21-15	n/a	25,000		15,000			40,000
Welding Machine	ST-21-16	n/a	10,000					10,000
Feedmill Infrastructure Development	ST-21-18	1	1,200,000					1,200,000
3/4 Ton Pickup	ST-22-01	n/a		60,000				60,000
Building upgrades	ST-22-02	2				125,000		125,000
Richland Phase 2	ST-22-03	3		353,200				353,200
Street Shop Parking Lot	ST-22-04	2		35,000				35,000
Alliant Energy Infrastructure Development	ST-22-05	1		150,000				150,000
Overhead Door	ST-23-01	1			20,000			20,000
Backhoe	ST-23-03	n/a			130,000			130,000
Plow Truck #59	ST-23-04	n/a			175,000			175,000

Department	Project #	Priority	2021	2022	2023	2024	2025	Total
Drill Press	ST-23-05	n/a			10,000			10,000
Side Dump Trailer	ST-24-01	3				15,000		15,000
Plow Truck #60	ST-24-02	n/a				185,000		185,000
Tree Truck #20	ST-24-03	n/a				135,000		135,000
Water Truck #7	ST-24-04	n/a				135,000		135,000
Mower #19	ST-25-01	n/a					85,000	85,000
Plow Truck #24	ST-25-02	n/a					135,000	135,000
Motor Grader #62	ST-25-03	n/a					220,000	220,000
Street Department Total			5,456,300	987,000	995,800	894,600	2,865,800	11,199,500
GRAND TOTAL			7,244,972	2,367,385	2,266,874	3,511,939	4,496,049	19,887,219

City of Storm Lake, Iowa
Capital Improvement Plan

2021 thru 2025

PROJECTS BY DEPARTMENT

Department	Project #	Priority	2021	2022	2023	2024	2025	Total
Sewer Collection								
Sewer Line Installation on Radio Road	SEWCL-22-01	n/a		180,000				180,000
Sewer Rehab	SEWCL-C2	1	180,000	180,000	180,000	180,000	180,000	900,000
Sewer Collection Total			180,000	360,000	180,000	180,000	180,000	1,080,000
Storm Water								
Project Set-Aside	STW-17-01	n/a	30,000	30,000				60,000
Tulip Lane Storm Water Improvements	STW-19-01	1	437,405					437,405
4th & Barton Stormwater Improvements	STW-20-02	2	445,004					445,004
1 Ton Truck	STW-22-01	1		60,000				60,000
Aux Engines	STW-22-02	n/a		12,000			15,000	27,000
Storm Water Total			912,409	102,000			15,000	1,029,409
Wastewater Treatment Facility								
Lab and Office Addition	WWTP-18-03	3					214,000	214,000
1st Street Lift Station Replacement	WWTP-18-05	1		295,000				295,000
Blowers	WWTP-19-01	1		200,000				200,000
Radio Park Lift Station	WWTP-20-03	1	450,000					450,000
UV Bulbs	WWTP-20-05	2	5,000	5,000	5,000	5,000	5,000	25,000
SCADA Workstation Upgrades	WWTP-20-06	2	20,000	20,000	20,000	20,000	20,000	100,000
Mower	WWTP-21-01	3		20,000				20,000
Nutrient Reduction Strategy Report	WWTP-21-02	1	50,000					50,000
Headworks Security & Door Access System	WWTP-21-04	1	10,000					10,000
End Loader	WWTP-21-05	1		180,000				180,000
Thickener Tanks (2)	WWTP-21-06	1		300,000				300,000
Memorial LS Upgrades	WWTP-21-07	1	2,300,000					2,300,000
SCADA Panel View Replacement	WWTP-21-08	1	20,000	20,000	20,000	20,000	20,000	100,000
Lift Station Study	WWTP-21-09	1	50,000					50,000
UV Basin Covers & Core Building	WWTP-22-01	3	50,000					50,000
Dryer	WWTP-22-06	1				850,000		850,000
Sludget Press Screens	WWTP-22-07	1	200,000	300,000				500,000
Pick-Up Truck (#59 replace)	WWTP-23-01	3	50,000					50,000
VFD Compressor	WWTP-23-02	2			40,000			40,000
Hotsy Pressure Washer	WWTP-23-03	3	15,000					15,000
A-Basin Diffusers	WWTP-23-05	2			50,000			50,000
Skid Loader	WWTP-23-06	3			130,000			130,000
Lift Station Pumps/Reconstruction	WWTP-23-07	1	200,000					200,000
Storage Building	WWTP-23-08	3			38,000			38,000
Phosphorus Reduction Plant Project	WWTP-23-09	n/a					7,000,000	7,000,000
Project Set-A-Side	WWTP-23-10	n/a			700,000	300,000	700,000	1,700,000
Pickup Truck (#128 Replacement)	WWTP-24-01	2				60,000		60,000
Lift Station Pumps, Motors, Equip Replacement	WWTP-25-01	1					50,000	50,000
Wastewater Treatment Facility Total			3,420,000	1,340,000	1,003,000	1,255,000	8,009,000	15,027,000

Department	Project #	Priority	2021	2022	2023	2024	2025	Total
Water Distribution								
Water Line Replacement	WD-17-01	n/a	180,000	180,000	180,000	180,000	180,000	900,000
New Pickup	WD-21-01	1	60,000					60,000
Trench Box	WD-22-01	2		15,000				15,000
Power Pack for Valve Exerciser	WD-22-03	2		10,000				10,000
Jaeger Air Compressor	WD-23-01	1			60,000			60,000
18" Bypass Water Line	WD-24-01	2				1,000,000		1,000,000
Jet Machine	WD-25-01	n/a					80,000	80,000
Water Distribution Total			240,000	205,000	240,000	1,180,000	260,000	2,125,000
Water Meters								
Smart Point Readers	WM-17-01	2	40,000	40,000	40,000	40,000	40,000	200,000
Meter Replacement	WM-17-02	2	37,000	57,000	55,000	55,000	60,000	264,000
Water Meter Truck	WM-21-01	2	50,000					50,000
Towers for Auto Reading of Meters	WM-21-02	1	40,000					40,000
Meter Reader	WM-22-01	2		10,000				10,000
Water Meters Total			167,000	107,000	95,000	95,000	100,000	564,000
Water Plant								
Well House Rehab	WP-17-04	2	15,000					15,000
Water Storage Prodi. Set Aside Funds	WP-17-08	2	100,000	100,000	100,000	100,000	100,000	500,000
Project Set A-side	WP-17-10	2	115,000	75,000	75,000	75,000	75,000	415,000
Contact Basins	WP-19-01	2	50,000	50,000				100,000
Pump Replacement	WP-19-C1	2	142,000	100,000	30,000			272,000
Slaker Rebuild	WP-20-01	2				10,000		10,000
Clear Well Mixer	WP-20-03	2	50,000			50,000		100,000
Plant Expansion Set A-Side	WP-20-04	n/a	100,000	100,000				200,000
Water Tower/Clear Well Inspection	WP-20-06	1	15,000					15,000
Lime Sludge Press & Building	WP-21-01	n/a					906,000	906,000
Lime Cross Re-Utilization	WP-21-04	n/a		55,000				55,000
SCADA Panel View Replacement	WP-21-05	1	20,000	20,000	20,000	20,000	20,000	100,000
Mower/Blower	WP-22-01	n/a		25,000				25,000
Trailer	WP-22-02	n/a		20,000				20,000
Pickup Bed Mounted Sander	WP-22-03	n/a		2,000				2,000
Water Tower	WP-22-04	n/a		1,500,000				1,500,000
VFD for Prop	WP-23-01	3		60,000				60,000
Garage/Shop/Storage	WP-23-02	1					50,000	50,000
Well House Replacement	WP-23-03	3			25,000			25,000
Pressure Washer	WP-23-06	5			10,000			10,000
Convayence Valve	WP-23-07	2			50,000			50,000
Roof Rehab	WP-23-08	5			250,000			250,000
Dust Collecting Baghouses	WP-23-10	1			10,000			10,000
Water Plant Total			607,000	2,107,000	570,000	255,000	1,151,000	4,690,000
GRAND TOTAL			5,526,409	4,221,000	2,088,000	2,965,000	9,715,000	24,515,409

NOTICE OF PUBLIC HEARING

Notice is hereby given that the City Council of the City of Storm Lake, Iowa will hold a public hearing to adopt the Fiscal Year 2021-2025 Capital Improvement Plan.

This public hearing will be held by the City Council at City Hall on February 17, 2020 at 5:00 pm. At said time and place, any person(s) interested is invited to appear to present their objections to or arguments for the proposed plan.

/s/ Mayra Martinez
Mayra Martinez, City Clerk
City of Storm Lake, Iowa

Staff Summary

2/3/2020

Agenda Item # 8.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: David Derragon, Assistant City Manager

SUBJECT: **Approving Professional Services Agreement with Bolton & Menk for the 2020 Expansion Boulevard Improvements Project**

BACKGROUND: Tyson Fresh Meats (Developer) is expected to construct a new feed mill processing facility. The new facility would replace their current facility which is located in the Central Business District. The Developer is proposing to create 15 new jobs in addition to the current 12 jobs. Construction is expected to start in 2020 and be completed by April 1, 2021.

The City and Developer approved a development agreement on January 6, 2020. The agreement includes provisions whereby the City will provide public infrastructure improvements including asphalt overlay of Expansion Blvd, sanitary sewer lining, and watermain improvements.

This professional services agreement will provide engineering services for the aforementioned public infrastructure improvements. Following the provisions of our current two (2) year agreement with Bolton & Menk for infrastructure engineering, this agreement under consideration is project specific to the public infrastructure improvements project.

FISCAL IMPACT: Estimated \$100,400; \$33,630 fixed fee for design engineering and bidding services, \$66,770 estimated fee for construction engineering services

RECOMMENDATION: Staff recommends that Council approve Professional Services Agreement with Bolton & Menk for the 2020 Expansion Boulevard Improvements Project

ATTACHMENTS:

Description	Type
□ Professional Services Agreement	Contract

**CITY OF STORM LAKE, IOWA AND BOLTON & MENK, INC.
TASK ORDER TO AGREEMENT FOR PROFESSIONAL SERVICES**

TASK ORDER NO: 6 – 2020 Expansion Boulevard Improvements

CLIENT: City of Storm Lake, Iowa

CONSULTANT: Bolton & Menk, Inc.

DATE OF THIS TASK ORDER: February 3, 2020

DATE OF MASTER AGREEMENT FOR PROFESSIONAL SERVICES: November 5, 2018

Whereas, CLIENT and CONSULTANT entered into a Master Agreement for Professional Services (“Master Agreement”) as dated above; and CONSULTANT agrees to perform and complete the following Services for CLIENT in accordance with this Task Order and the terms and conditions of the Master Agreement. CLIENT and CONSULTANT agree as follows:

1.0 Scope of Services:

CONSULTANT shall perform the Services listed within the attached Exhibit I. All terms and conditions of the Master Agreement are incorporated by reference in this Task Order, except as explicitly modified in writing herein.

2.0 Fees:

CLIENT shall pay CONSULTANT in accordance with Section III of the Master Agreement and as follows.

TASK	DESCRIPTION	Total Cost
1	Design Engineering and Bidding Services	\$33,630
2	Construction Engineering Services	\$66,770
TOTALS		\$100,400

Task 1 shall be invoiced on a fixed design fee basis, subject only to adjustments for a change in scope of services performed that are agreed upon in writing by the City and the Consultant.

Task 2 is an estimated amount for contract administration, 100 hours of CIPP construction observation, and 310 hours of hydrant installation/asphalt overlay construction observation. Actual costs will be invoiced in accordance with Section III.A.1 of the Professional Services Agreement. Scope and limitation of resident project representative services are further defined within Exhibit I-1.

3.0 Schedule:

Schedule for performance of Services will be as follows, such that all services will be completed by October 1, 2021.

February 2020	• Authorization of engineering for design, bidding, and construction services
May 2020	• Final design tasks
June 2020	• Bid lettings
July – August 2020	• Award projects and construction agreement
September – October 2020	• Hydrant installation • Placement of non-wear course asphalt
November 2020 – May 2021	• CIPP Installation (~ 4 weeks within this timeframe)
May – August 2021	• Placement of wear course asphalt (~2 weeks within this timeframe)
September 2021	• Final project closeout

4.0 Deliverables

Deliverables will be as set forth within the attached Exhibit I.

5.0 Term

In the event that the Schedule for this Task Order extends beyond the term of the Master Agreement, either intentionally or unintentionally by Task Order Scope or by Task Order extension, then this Task Order shall operate to extend the Master Agreement through the completion of CONSULTANT'S obligations under this Task Order or until a new Master Agreement is executed incorporating this Task Order.

6.0 Other Matters

NONE

7.0 Project Managers

Project managers and contact information for the CLIENT and CONSULTANT for this Task Order, if different than the Master Agreement, are as follows:

CITY OF STORM LAKE, IOWA
David Derragon
620 Erie Street
Storm Lake, Iowa 50588
Office Phone: 712-732-8000
Email: derragon@stormlake.org

BOLTON & MENK, INC.
Josh Pope, P.E.
218 11th Street SW Plaza
Spencer, Iowa 51301
Office Phone: 712-580-5075
Email: Joshua.Pope@bolton-menk.com

CITY OF STORM LAKE, IOWA

BOLTON & MENK, INC.

By: _____

By:  _____

Printed Name: Michael Porsch

Printed Name: Joshua Pope, P.E.

Title: Mayor

Title: Principal Engineer

ATTACHMENTS TO THIS TASK ORDER:

Exhibit I – Consultant's Services

Exhibit I-1 – Resident Project Representative

EXHIBIT I – CONSULTANT’S SERVICES

TASK ORDER NO. 6 – 2020 EXPANSION BOULEVARD IMPROVEMENTS

STORM LAKE, IOWA

DESCRIPTION OF PROJECT AND SCOPE OF IMPROVEMENTS

The CONSULTANT agrees to provide civil engineering services required for the construction of street and utility infrastructure to serve Expansion Boulevard from Radio Road to ~570 feet east of Gilbert Street.

The basic improvements anticipated as part of this Agreement include asphalt overlay, hydrant & gate valves, sanitary sewer cured-in-place-piping, and other related items.

I.A. BASIC SERVICES

For purposes of this Project, Basic Services to be provided by the CONSULTANT are as follows:

Task 1: Design Engineering and Bidding Services

Task 1.1: Project Administration and Coordination

CONSULTANT will offer regular updates on next steps and upcoming project requirements. CONSULTANT will also prepare and provide miscellaneous project correspondence, scheduling, invoicing, and budget management necessary for expediting work products and project decision-making. Schedule updates will be provided on a regular basis.

Task 1.2: CIPP Final Plan Sheets

CONSULTANT will prepare comprehensive, detailed construction plans for the proposed CIPP improvements. This task includes preparation of applicable plan sections such as:

- General Layout
- Statement of Estimated Quantities
- Tabulations including:
 - Existing Pipe Material
 - Existing Pipe Grade
 - Existing Pipe Segment Length
 - Existing Manhole Depth

Task 1.3: Hydrant Installation and Asphalt Overlay Final Plan Sheets

CONSULTANT will prepare comprehensive, detailed construction plans for the proposed improvements. This task includes preparation of applicable plan sections such as:

- Title Sheet
- General Layout
- Statement of Estimated Quantities
- Typical Sections/Construction Details
- Construction Plan

Task 1.4: Project Specifications

CONSULTANT will prepare two sets of special provisions to submit with the final construction plan (one for the CIPP plan and one for the Hydrant/Overlay plan)

Task 1.5: Engineer's Estimate

CONSULTANT will prepare an engineer's cost estimates based on the final plans and specifications for each set of construction documents.

Task 1.6: Permitting Applications

CONSULTANT will prepare and submit the Construction Permit Application and the Contract Documents to the Iowa DNR for review and approval. CLIENT will be responsible for applicable permitting application fees. Anticipated permit applications include:

- Iowa DNR Water Supply
- Iowa DNR Wastewater

Task 1.7: Bidding Phase Services

CONSULTANT will prepare and publish the advertisement for bid and distribute the bid documents. CONSULTANT will provide responses to questions from contractors and issue addenda as required. CONSULTANT will attend the bid opening, prepare the resultant bid tabulation, and provide verification of submitted bids as part of the contract award recommendation to be provided to the CLIENT. Upon Council award, CONSULTANT will distribute the Contract to the selected contractor and secure the required contractor submittals necessary to commence construction.

Task 2: Construction Engineering Services

Task 2.1: Construction Contract Administration

CONSULTANT will administer the construction contract in accordance with the contract provisions. Specific responsibilities of Contract Administration will include:

- Construction meeting coordination and attendance
- Record keeping
- Reviewing contractor submittals
- Reviewing and monitoring the contractor's progress schedule
- Preparing monthly pay estimates.
- Assisting the City in scope management activities for the project, including:
 - Reviewing potential changes to the plans
 - Analyzing contractor notices of extra work, claims or time extensions, and making recommendations to City
 - Negotiating settlements to potential changes for the ultimate approval by the City
 - Preparing contract change documents as required

Task 2.2: Construction Observation

CONSULTANT will provide resident project representative (RPR) services during construction of the project as requested by the CLIENT. RPR services consist of observation of the work of the work of the contractor, coordination of testing services and documentation of the work progress. RPR services do not constitute acceptance or approval of the contractor's work nor do they relieve any part of the contractor's responsibility under the construction documents. Scope and limitations of RPR services are further defined in EXHIBIT I-1.

Task 2.3: Record Drawings and Project Closeout

CONSULTANT will use the documentation compiled throughout the construction of the project to prepare all necessary proceedings to finalize the project. CONSULTANT will prepare and provide record drawings to the CLIENT.

I.B. ADDITIONAL SERVICES

Consulting services performed other than those authorized under Section 1.A shall be considered not part of the Basic Services and may be authorized by the CLIENT as Additional Services. Additional Services consist of those services that are not generally considered to be Basic Services; or exceed the requirements of the Basic Services; or are not definable prior to the bidding of the project; or vary depending on the technique, procedures or schedule of the project contractor.

Additional services may include:

1. Professional services associated with temporary/permanent property acquisition.
2. Professional services related to additional utility (sanitary sewer, storm sewer) or surface replacements, including a scope modification to a partial or full street reconstruction.
3. Professional services associated with geotechnical engineering or construction materials testing.

EXHIBIT I-1

RESIDENT PROJECT REPRESENTATIVE

The CONSULTANT will furnish a Resident Project Representative (RPR), assistants and other field staff to assist CONSULTANT in observing performance of the Work of the CONTRACTOR.

Through more extensive on-site observations of the Work in progress and field checks of materials and equipment by the RPR and assistants, CONSULTANT assists the CLIENT in monitoring the progress and quality of the work; but, it is agreed that the furnishing of such services will not make CONSULTANT responsible for or give CONSULTANT control over construction means, methods, techniques, sequences or procedures or for safety precautions or programs, or responsibility for CONTRACTOR'S failure to perform the Work in accordance with the Contract Documents.

The duties and responsibilities of the RPR are limited to those of CONSULTANT in the construction Contract Documents, and are further limited and described as follows:

A. GENERAL

RPR is CONSULTANT'S agent at the site, will act as directed by and under the supervision of CONSULTANT, and will confer with CONSULTANT regarding RPR's actions. RPR's dealings in matters pertaining to the on-site work shall in general be with CONSULTANT and CONTRACTOR keeping CLIENT advised as necessary. RPR's dealings with subcontractors shall only be through or with the full knowledge and approval of CONTRACTOR. RPR shall generally communicate with CLIENT with the knowledge of and under the direction of CONSULTANT.

B. DUTIES AND RESPONSIBILITIES OF RPR

1. Schedules: Review the progress schedule, prepare a schedule of Shop Drawing submittals and review the schedule of values prepared by CONTRACTOR and consult with CONSULTANT concerning acceptability.
2. Conferences and Meetings: Attend meetings with CONTRACTOR, such as preconstruction conferences, progress meetings, job conferences and other project related meetings, and prepare and circulate copies of minutes thereof.
3. Liaison:
 - a. Serve as CONSULTANT'S liaison with CONTRACTOR, working principally through CONTRACTOR'S superintendent and assist in understanding the intent of the Contract Documents; and assist CONSULTANT in serving as CLIENT'S liaison with CONTRACTOR when CONTRACTOR'S operations affect CLIENT'S on-site operations.
 - b. Assist in obtaining from CLIENT additional details or information, when required for proper execution of the Work.
4. Shop Drawings and Samples:
 - a. Record date of receipt of Shop Drawings and samples.
 - b. Receive samples which are furnished at the site by CONTRACTOR, and notify

CONSULTANT of availability of samples for examination.

- c. Advise CONSULTANT and CONTRACTOR of the commencement of any Work requiring a Shop Drawing or sample if the submittal has not been approved by CONSULTANT.
5. Review of Work, Rejection of Defective Work, Inspections and Tests:
 - a. Conduct on-site observations of the Work in progress to assist CONSULTANT in determining if the Work is in general proceeding in accordance with the Contract Documents.
 - b. Report to CONSULTANT whenever RPR believes that any Work is unsatisfactory, faulty or defective or does not conform to the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise CONSULTANT of Work that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.
 - c. Verify that tests, equipment and systems startups and operating and maintenance training are conducted in the presence of appropriate personnel, and that CONTRACTOR maintains adequate records thereof; and observe, record and report to CONSULTANT appropriate details relative to the test procedures and startups.
 - d. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project, record the results of these inspections and report to CONSULTANT.
6. Interpretation of Contract Documents: Report to CONSULTANT when clarifications and interpretations of the Contract Documents are needed and transmit to CONTRACTOR clarifications and interpretations as issued by CONSULTANT.
7. Modifications: Consider and evaluate CONTRACTOR'S suggestions for modifications in Drawings or Specifications and report with RPR's recommendations to CONSULTANT. Transmit to CONTRACTOR decisions as issued by CONSULTANT.
8. Records:
 - a. Maintain orderly files for correspondence, reports or job conferences, Shop Drawings and samples, reproductions of original Contract Documents including all Work Directive Changes, Addenda, Change Orders, Field Orders, additional Drawings issued subsequent to the execution of the Contract, CONSULTANT'S clarifications and interpretations of the Contract Documents, progress reports, and other Project related documents.
 - b. Keep a diary or log book, recording CONTRACTOR hours on the job site, weather conditions, data relative to questions of Work Directive Changes, Change Orders or changed conditions, list of job site visitors, daily activities, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures.
 - c. Record names, addresses and telephone numbers of all CONTRACTORS, subcontractors and major suppliers of materials and equipment.

9. Reports:

- a. Furnish CONSULTANT periodic reports as required of progress of the Work and of CONTRACTOR'S compliance with the progress schedule and schedule of Shop Drawing and sample submittals.
 - b. Consult with CONSULTANT in advance of scheduled major tests, inspections or start of important phases of the Work.
 - c. Draft proposed Change Orders and Work Directive Changes, obtaining backup material from CONTRACTOR and recommend to CONSULTANT Change Orders, Work Directive Changes, and Field Orders.
 - d. Report immediately to CONSULTANT and CLIENT upon the occurrence of any accident.
10. Payment Requests: Review applications for payment with CONTRACTOR for compliance with the established procedure for their submission and forward with recommendations to CONSULTANT, noting particularly the relationship of the payment requested to the schedule of values, Work completed and materials and equipment delivered at the site but not incorporated in the Work.
11. Certificates, Maintenance and Operation Manuals: During the course of the Work, verify that certificates, maintenance and operation manuals and other data required to be assembled and furnished by CONTRACTOR are applicable to the items actually installed and in accordance with the Contract Documents, and have this material delivered to CONSULTANT for review and forwarding to CLIENT prior to final payment for the Work.

12. Completion:

- a. Conduct final inspection in the company of CONSULTANT, CLIENT, and CONTRACTOR and prepare a final list of items to be completed or corrected.
- b. Observe that all items on final list have been completed or corrected and make recommendations to CONSULTANT concerning acceptance.
- c. Assist in preparation of Record Drawings and provide copies of documentation requested by CLIENT for occupation of the Project.

C. LIMITATIONS OF AUTHORITY

It is agreed that Resident Project Representative's responsibility and obligations do not include the following actions nor shall RPR be directed to or be empowered to:

1. Authorize any deviation from the Contract Documents or substitution of materials or equipment, unless authorized by CONSULTANT.
2. Exceed limitations of CONSULTANT'S authority as set forth in the Contract Documents.
3. Undertake any of the responsibilities of CONTRACTOR, subcontractor or CONTRACTOR'S superintendent.

4. Advise on, issue directions relative to or assume control over any aspect of the means, methods, techniques, sequences or procedures of construction unless such advice or directions are specifically required by the Contract Documents.
5. Advise on, issue directions regarding or assume control over safety precautions and programs in connection with the Work.
6. Accept Shop Drawing or sample submittals from anyone other than CONTRACTOR.
7. Authorize CLIENT to occupy the Project in whole or in part.
8. Participate in specialized field or laboratory tests or inspections conducted by others except as specifically authorized by CONSULTANT.

Staff Summary

2/3/2020

Agenda Item # 9.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Scott Olesen, Building Official

SUBJECT: **Resolution No. 47-R-2019-2020 Approving Final Completion for the 10th and Ontario Stormwater Project**

BACKGROUND: This project is one of the eight projects funded by the National Disaster Resiliency Grant.

The project consists of updating and enhancing portions of the City's stormwater infrastructure in areas with high flood occurrence and high pollutant loads in the Ontario Street corridor from 6th Street on the south through 10th Street on the north. Improvements include a storm water basin, retention basins, and bio-swales on City owned land along the south side of 10th Street across from the Field of Dreams sports complex. The engineer's estimated cost is \$1,600,000.

Bids were opened on January 9, 2018 and six bids were received. Healy Excavating from Lake View, Iowa was the low bid at \$1,431,254.21. Change Order No. 1 was approved on 7-2-18 in the amount of \$1,500.00 increasing the total contract to \$1,432,754.21.

Substantial completion for the project is December 31, 2018. Final completion of the project is February 3, 2020.

FISCAL IMPACT: The project is funded 75% by federal HUD money and 25% local match using franchise fees and Local Option Sales Tax.

RECOMMENDATION: Staff recommends that Council adopt Resolution No. 47-R-2019-2020 approving Final Completion for the 10th and Ontario Stormwater Project

ATTACHMENTS:

Description	Type
□ Resolution No. 46-R-2019-2020	Resolution

RESOLUTION NO. 47-R-2019-2020

RESOLUTION APPROVING FINAL COMPLETION AND CLOSE OUT OF THE 10TH &
ONTARIO STORM WATER PROJECT

WHEREAS, All required final documentation, including the maintenance bond, lien waivers, and final pay application have been received.

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

Section 1. To approve final completion date of the project on February 3, 2020.

PASSED AND APPROVED this 3rd day of February, 2020.

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk

Staff Summary

2/3/2020

Agenda Item # 10.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Keri Navratil, City Manager

SUBJECT: **Motion to Approve Amended Purchase Agreement - 1220 E. 4th St.**

BACKGROUND: The purchase agreement is with Crescent Realty Corporation to purchase the property located at 1220 E. 4th Street, the corner of 4th Street and Vilas Road. The property is 10,850 square feet and will be used as warehouse and office space for the Public Services Department which is directly across the street from this facility. City Council approved the purchase of the property on January 20, 2020.

The amended agreement includes:

1. Repair of the broken overhead door that occurred on or around January 22 and any other damage occurring before closing.
2. The City accepts the property as is
3. Added language to include a tax-deferred exchange should the Seller decide to pursue that route.

FISCAL IMPACT: The total purchase price is \$170,000 and will be funded by Franchise Fees.

RECOMMENDATION: Motion to approve amended purchase agreement.

ATTACHMENTS:

Description	Type
Amended Agreement	Contract



OFFER TO BUY REAL ESTATE AND ACCEPTANCE (NONRESIDENTIAL)

TO: Crescent Realty Corporation, an Iowa corporation (Sellers)

The undersigned BUYERS hereby offer to buy and the undersigned SELLERS by their acceptance agree to sell the real property situated in Storm Lake, Iowa, Iowa, locally known as 1220 E. 4th Street and legally described as:

A PORTION OF LOT 1 OF THE AUDITOR'S SUBDIVISION OF THE EAST 1/2 OF THE NORTHWEST 1/4 OF SECTION 2, TOWNSHIP 90 NORTH, RANGE 37 WEST OF THE 5TH P.M., SOUTH OF THE CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC RAILROAD, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

Beginning at the southwest corner of the SE 1/4 of the NW 1/4 of Section 2, Township 90 North, Range 37 West of the 5th P.M.; thence North 88° 45' East for 345.3 Feet; thence North 465.9 feet to the Point of Beginning; thence South 88° 45' West 150 feet; thence North 106 feet; thence North 88° 45' East 150 feet; thence South 106 feet to the Point of Beginning.

together with any easements and appurtenant servient estates, but subject to any reasonable easements of record for public utilities or roads, any zoning restrictions, customary restrictive covenants, and mineral reservations of record, if any, herein referred to as the "Property," upon the following terms and conditions provided BUYERS, on possession, are permitted to use the Property for a municipal public works site:

1. **PURCHASE PRICE.** The Purchase Price shall be \$ 170,000.00 and the method of payment shall be as follows: \$10,000.00 with this offer, to be deposited upon acceptance of this offer and held in trust by Cushman and Wakefield Iowa Commercial Advisors (the "Broker" hereafter) as earnest money, to be delivered to the SELLERS upon performance of SELLERS' obligations and satisfaction of BUYERS' contingencies, if any; and the balance of the Purchase Price, as follows: \$160,000.00 shall be paid at closing upon Seller's delivery of the special warranty deed to Buyer.
2. **REAL ESTATE TAXES.** Sellers shall pay all real estate taxes delinquent if not paid October 1, 2020 (i.e. July 1 – December 31, 2019) and one-half of the real estate taxes delinquent if not paid April 1, 2021 (i.e. January 1, 2020-June 30, 2020), except as pro-rated in the following paragraph, and any unpaid real estate taxes payable in prior years. Buyers shall pay all subsequent real estate taxes.

Unless otherwise provided in this Agreement, at closing SELLERS shall pay BUYERS, or BUYERS shall be given a credit for, taxes from the first day of July prior to possession to the date of possession based upon the last known actual net real estate taxes payable according to public records. However, if such taxes are based upon a partial

assessment of the present property improvements or a changed tax classification as of the date of possession, such proration shall be based on the current levy rate, assessed value, legislative tax rollbacks and real estate tax exemptions that will actually be applicable as shown by the assessor's records on the date of possession.

3. SPECIAL ASSESSMENTS.

A. SELLERS shall pay in full at time of closing all special assessments which are a lien on the Property as of the date of acceptance.

B. IF "A" is stricken, then SELLERS shall pay at time of closing all installments of special assessments which are a lien on the Property and, if not paid, would become delinquent during the calendar year this offer is accepted, and all prior installments thereof.

C. All charges for solid waste removal, sewage and maintenance that are attributable to SELLERS' possession, including those for which assessments arise after closing, shall be paid by SELLERS.

D. Any preliminary or deficiency assessment which cannot be discharged by payment shall be paid by SELLERS through an escrow account with sufficient funds to pay such liens when payable, with any unused funds returned to SELLERS.

E. BUYERS shall pay all other special assessments or installments not payable by SELLERS.

4. RISK OF LOSS AND INSURANCE. SELLERS shall bear the risk of loss or damage to the Property prior to closing or possession, whichever first occurs. SELLERS agree to maintain existing insurance and BUYERS may purchase additional insurance. In the event of substantial damage or destruction prior to closing, this Agreement shall be null and void; provided, however, BUYERS shall have the option to complete the closing and receive insurance proceeds regardless of the extent of damages. The property shall be deemed substantially damaged or destroyed if it cannot be restored to its present condition on or before the closing date.

5. POSSESSION AND CLOSING. If BUYERS timely perform all obligations, possession of the Property shall be delivered to Buyers on April 1, 2020, and any adjustments of rent, insurance, interest and all charges attributable to the SELLERS' possession shall be made as of the date of possession. Closing shall occur after the approval of title by BUYERS and vacation of the Property by SELLERS, but prior to possession by BUYERS. SELLERS agree to permit BUYERS to inspect the Property within seventy-two hours prior to closing to assure that the premises are in the condition required by this Agreement. If possession is given on a day other than closing, the parties shall make a separate agreement with adjustments as of the date of possession. This transaction shall be considered closed upon the delivery of the title transfer documents to BUYERS and receipt of all funds then due at closing from BUYERS under the Agreement.

6. FIXTURES. Included with the Property shall be all fixtures that integrally belong to, are specifically adapted to or are a part of the real estate, whether attached or detached.

7. **CONDITION OF PROPERTY.** The property as of the date of this Agreement, including buildings, grounds, and all improvements, will be preserved by the SELLERS in its present condition until possession, ordinary wear and tear excepted, except as provided in Paragraph 21(B) below. SELLERS make no warranties, expressed or implied, as to the condition of the property.

A. BUYERS acknowledge that they have made a satisfactory inspection of the Property and are purchasing the Property in its existing condition, except as provided in Paragraph 21(B) below.

B. (If "A" is stricken) Within thirty days after the acceptance of this Agreement but before closing, BUYERS may, at their sole expense, have the property inspected by a person or persons of their choice to determine if there are any structural, mechanical, plumbing, electrical, environmental, or other deficiencies. Within this same period, the BUYERS may notify in writing the SELLERS of any deficiency. The SELLERS shall immediately notify the BUYERS in writing of what steps, if any, the SELLERS will take to correct any deficiencies before closing. The BUYERS shall then immediately in writing notify the SELLERS that (1) such steps are acceptable, in which case this Agreement, as so modified, shall be binding upon all parties; or (2) that such steps are not acceptable, in which case this Agreement shall be null and void, and any earnest money shall be returned to BUYERS.

8. **ABSTRACT AND TITLE.** SELLERS, at their expense, shall promptly obtain an abstract of title to the Property continued through the date of acceptance of this Agreement and deliver it to BUYERS' attorney for examination. It shall show marketable title in SELLERS in conformity with this Agreement, Iowa law, and title standards of the Iowa State Bar Association. The SELLERS shall make every reasonable effort to promptly perfect title. If closing is delayed due to SELLERS' inability to provide marketable title, this Agreement shall continue in force and effect until either party rescinds the Agreement after giving ten days written notice to the other party. The abstract shall become the property of BUYERS when the Purchase Price is paid in full. SELLERS shall pay the costs of any additional abstracting and title work due to any act or omission of SELLERS, including transfers by or the death of SELLERS or their assignees. Unless stricken, the abstract shall be obtained from an abstracter qualified by the Guaranty Division of the Iowa Housing Finance Authority.
9. **SURVEY.** If a survey is required under Iowa Code Chapter 354, or city or county ordinances, SELLERS shall pay the costs thereof. BUYERS may, at BUYERS' expense prior to closing, have the Property surveyed and certified by a registered land surveyor. If the survey shows an encroachment on the Property or if any improvements located on the Property encroach on lands of others, the encroachments shall be treated as a title defect.

10. **ENVIRONMENTAL MATTERS.**

A. SELLERS warrant to the best of their knowledge and belief that there are no abandoned wells, solid waste disposal sites, hazardous wastes or substances, or underground storage tanks located on the Property, the Property does not contain levels of radon gas, asbestos, or urea-formaldehyde foam insulation which require remediation under current governmental standards, and SELLERS have done nothing to contaminate the Property with hazardous wastes or substances. SELLERS warrant that the property is not subject to any local, state, or federal judicial or administrative action, investigation or order, as the case may be, regarding wells, solid waste disposal sites, hazardous wastes or substances, or underground storage tanks. SELLERS shall also provide BUYERS with a properly executed GROUNDWATER HAZARD STATEMENT showing no wells, private burial sites, solid waste disposal sites, private sewage disposal system, hazardous waste and underground storage tanks on the Property unless disclosed here: NONE

B. BUYERS may at their expense, within 30 days after the date of acceptance, obtain a report from a qualified engineer or other person qualified to analyze the existence or nature of any hazardous materials, substances, conditions or wastes located on the Property. In the event any hazardous materials, substances, conditions or wastes are discovered on the Property, BUYERS' obligation hereunder shall be contingent upon the removal of such materials, substances, conditions or wastes or other resolution of the matter reasonably satisfactory to BUYERS. However, in the event SELLERS are required to expend any sum in excess of \$ 10,000.00 to remove any hazardous materials, substances, conditions or wastes, SELLERS shall have the option to cancel this transaction and refund to BUYERS all earnest money paid and declare this Agreement null and void. The expense of any inspection shall be paid by BUYERS. The expense of any action necessary to remove or otherwise make safe any hazardous material, substances, conditions or waste shall be paid by SELLERS, subject to SELLERS' right to cancel this transaction as provided above.

11. DEED. Upon payment of the Purchase Price, SELLERS shall convey the Property to BUYERS by special warranty deed, free and clear of all liens, restrictions, and encumbrances except as provided in this Agreement. General warranties of the title shall extend to the time of delivery of the deed excepting liens and encumbrances suffered or permitted by BUYERS.

12. JOINT TENANCY IN PROCEEDS AND IN REAL ESTATE. If SELLERS, immediately preceding acceptance of the offer, hold title to the Property in joint tenancy with full rights of survivorship, and the joint tenancy is not later destroyed by operation of law or by acts of the SELLERS, then the proceeds of this sale, and any continuing or recaptured rights of SELLERS in the Property, shall belong to SELLERS as joint tenants with full rights of survivorship and not as tenants in common; and BUYERS in the event of death of any SELLER, agree to pay any balance of the price due SELLERS under this contract to the surviving SELLERS and to accept a deed from the surviving SELLERS consistent with Paragraph 15.

13. **STATEMENT AS TO LIENS.** If Buyers intend to assume or take subject to a lien on the Property, SELLERS shall furnish BUYERS with a written statement prior to closing from the holder of such lien, showing the correct balance due.
14. **USE OF PURCHASE PRICE.** At time of settlement, funds of the Purchase Price may be used to pay taxes and other liens and to acquire outstanding interests, if any, of others.
15. **REMEDIES OF THE PARTIES.**
- A. If BUYERS fail to timely perform this Agreement, SELLERS may forfeit it as provided in the Iowa Code (Chapter 656), and all payments made shall be forfeited; or, at SELLERS' option, upon thirty days written notice of intention to accelerate the payment of the entire balance because of BUYERS' default (during which thirty days the default is not corrected), SELLERS may declare the entire balance immediately due and payable. Thereafter this Agreement may be foreclosed in equity and the Court may appoint a receiver.
 - B. If SELLERS fail to timely perform this Agreement, BUYERS have the right to have all payments made returned to them.
 - C. BUYERS and SELLERS are also entitled to utilize any and all other remedies or actions at law or in equity available to them, and the prevailing parties shall be entitled to obtain judgment for costs and attorney fees.
16. **NOTICE.** Any notice under this Agreement shall be in writing and be deemed served when it is delivered by personal delivery or mailed by certified mail, addressed to the parties at the addresses given below.
17. **GENERAL PROVISIONS.** In the performance of each part of this agreement, time shall be of the essence. Failure to promptly assert rights herein shall not, however, be a waiver of such rights or a waiver of any existing or subsequent default. This agreement shall apply to and bind the successors in interest of the parties. This agreement shall survive the closing. This agreement contains the entire agreement of the parties and shall not be amended except by a written instrument duly signed by sellers and buyers. Paragraph headings are for convenience of reference and shall not limit or affect the meaning of this agreement. Words and phrases herein shall be construed as in the singular or plural number, and as masculine, feminine or neuter gender according to the context.
18. **REAL ESTATE AGENT OR BROKER.** Sellers have used the service of the Broker, a real estate agent or broker, in connection with this transaction. The Sellers agree to pay the Broker a commission as provided in the listing contract. The Property is a listed Property; however, if the Property is not listed, Sellers shall pay the Broker a commission of six percent of the final purchase price, payable in full upon closing from the sale proceeds.
19. **CERTIFICATION.** BUYERS and SELLERS each certify that they are not acting, directly or indirectly, for or on behalf of any person, group, entity or nation named by any Executive Order or the United States Treasury Department as a terrorist, "Specially

Designated National and Blocked Person” or any other banned or blocked person, entity, nation or transaction pursuant to any law, order, rule or regulation that is enforced or administered by the Office of Foreign Assets Control; and are not engaged in this transaction, directly or indirectly on behalf of, any such person, group, entity or nation. Each party hereby agrees to defend, indemnify and hold harmless the other party from and against any and all claims, damages, losses, risks, liabilities and expenses (including attorney’s fees and costs) arising from or related to my breach of the foregoing certification.

20. INSPECTION OF PRIVATE SEWAGE DISPOSAL SYSTEM. SELLERS represent and warrant to BUYERS that the Property is not served by a private sewage disposal system, and there are no known private sewage disposal systems on the property.

21. ADDITIONAL PROVISIONS.

- A. This Offer to Buy and Acceptance (including both the initial offer before acceptance and the final Offer to Buy and Acceptance, as finally accepted by both Sellers’ and Buyers’ representatives, including any changes made to it and accepted by the parties’ representatives) is subject to and conditioned upon the approval of the City Council of Storm Lake, Iowa by no later than February 15, 2020. If not so approved, this agreement shall be void and any earnest money or down payment paid by the BUYERS shall be immediately refunded to the BUYERS.
- B. One of the three overhead garage doors in the building on the Property, that is, the west-facing overhead garage door on the “cold storage side” of the building at the east end of the parking lot on the Property, is damaged in that its door frame is bent. SELLERS, before closing and at their expense, shall repair that overhead garage door and any other damage that occurs to the building or its components after the execution of this Offer to Buy and Acceptance by SELLERS and BUYERS and before closing that is brought to the attention of the SELLERS by BUYERS before closing. All such repair work shall be done to the reasonable satisfaction of the BUYERS. If items needing repair are brought to the attention of SELLERS within fourteen days before closing, closing may be delayed a sufficient amount of time, not to exceed twenty days, to allow for the repair of such items, unless otherwise agreed in writing by SELLERS and BUYERS.
- C. “AS-IS SALE”. This Offer to Buy and Acceptance is subject to and contingent upon BUYER’s agreement that BUYERS will take all property at the time of closing in its present "AS IS", "WHERE IS" and “WITH ALL FAULTS” condition, except as provided in Paragraph 21(B) above. BUYERS acknowledge and agree that neither SELLERS nor SELLERS’ agents have made, do not make and specifically disclaim any representations, warranties, promises, covenants, agreements or guaranties of any kind or character whatsoever, whether express or implied, oral or written, past present or future, as to, concerning or with respect to (i) the nature, quality or

condition of the Property, including, without limitation, the water, soil and geology, (ii) the suitability of the Property for any and all activities and uses that BUYERS may conduct on the Property, (iii) the compliance of or by the Property or its operation with any laws, rules, ordinances or regulations of any applicable governmental authority or body, or (iv) the habitability, merchantability or fitness for a particular purpose of the Property. BUYERS have been advised to carefully inspect the real and personal property personally, and to obtain inspection reports from qualified experts regarding all systems and features of the Property, including boundary lines, lot and dwelling size, soil conditions, structural components and any possible environmental hazards or pest infestation or infection. BUYERS acknowledge that they have made satisfactory inspection of the Property and are purchasing the Property in its existing condition. BUYERS understand and agree that SELLERS, their agents or assigns, will not, prior or subsequent to closing, be responsible for the repair, replacement, or modification of any deficiencies, malfunctions or mechanical defects in the material, workmanship, or mechanical components of the structures, improvements, or land (except those provisions in the Offer to Buy and Acceptance relating to the destruction of improvements and risk of loss and except as provided in Paragraph 21(B) above).

- D. COUNTERPART SIGNATURES. For the convenience of the parties, any number of counterparts hereof may be executed by original, facsimile or electronic (i.e. "pdf format") signature, and each such executed counterpart shall be deemed an original, but all of such counterparts together shall constitute one and the same Agreement.
- E. AUTHORITY. Each person signing below has obtained or has (as applicable) the requisite authority to execute this Offer to Buy and to consummate the same, and upon execution of this Offer to Buy, this Offer to Buy is binding upon Seller and Buyer, and enforceable in accordance with its terms.
- F. 1031 EXCHANGE. BUYERS and SELLERS agree that either party (the "Exchange Party") may reasonably request cooperation of the other party (the "Cooperating Party") in completing a like-kind exchange which will qualify for treatment as a tax deferred exchange pursuant to the provisions of Section 1031 of the Code (a "1031 Exchange"). The Cooperating Party shall provide reasonable cooperation requested by the Exchange Party in implementing the 1031 Exchange. This cooperation shall not subject Cooperating Party to any additional liability beyond its existing obligations under this Agreement. The Exchange Party shall indemnify the Cooperating Party against any and all costs and expenses incurred with respect to furnishing such cooperation and reimburse the Cooperating Party, upon demand, for any increased expense incurred by the Cooperating Party relating to the 1031 Exchange. Cooperating Party shall not be obligated to

take title to any property, other than the Property, in the case of Buyer. A 1031 Exchange shall not delay the Closing. The accomplishment of the 1031 Exchange is not a condition to the Exchange Party's obligations under this Agreement. The Exchange Party's failure to locate an exchange property or to consummate a like-kind exchange for any reason or for no reason at all (other than on account of Cooperating Party's material breach of this Agreement) shall in no way relieve the Exchange Party of its obligations under this Agreement.

- G. Other than those expressed warranties that are identified as surviving Closing, this Offer to Buy shall be cancelled and merged at Closing.

ACCEPTANCE. When accepted, this Agreement shall become a binding contract. If not accepted and delivered to BUYERS on or before February 15, 2020, this Agreement shall be null and void and all payments made shall be returned immediately to BUYERS. If accepted by SELLERS at a later date and acceptance is satisfied in writing, then this contract shall be valid and binding.

(Signatures appear on the following page(s))

Accepted _____

Dated _____

SELLERS:

BUYERS:

CRESCENT REALTY CORPORATION

CITY OF STORM LAKE, IOWA

By: _____
[print] _____, _____

By: _____
Michael Porsch, Mayor

By: _____
[print] _____, _____
[office]

Attest:

Mayra A. Martinez, City Clerk

7750 Dunleith Drive
East Dubuque, IL 61025
Telephone: (815) 747-3145

City Hall
620 Erie Street
PO Box 1086
Storm Lake, IA 50588
Telephone: (712) 732-8000

Staff Summary

2/3/2020

Agenda Item # 11.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM:

SUBJECT: City Council Requested Items

BACKGROUND: Future City Council Work Sessions:
Unscheduled Items:
1. None at this time
Two Council members must concur for item to be considered in any future council meeting.

Scheduled:
1. None at this time

FISCAL IMPACT: No Fiscal Impact at this time.

RECOMMENDATION: Concurrence for each item to be considered for a specified City Council Meeting work session or deny work session consideration for the following items:
1. none at this time

Staff Summary

2/3/2020

Agenda Item # 12.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Keri Navratil, City Manager

SUBJECT: **Budget Work Session- Outside Agency Allocations and Enterprise Operations and Maintenance**

BACKGROUND: Outside Agency Funding allocations and and Enterprise Fund Operations and Maintenance will be discussed.

- Sewer Collection
- Storm Water
- Wastewater Treatment Facility
- Water Distribution
- Water Meters
- Water Plant

FISCAL IMPACT: N/A

RECOMMENDATION: N/A

ATTACHMENTS:

Description	Type
☐ Outside Agency Report	Financial Report
☐ Outside Agency Funding	Financial Report
☐ Sewer Fund Report	Financial Report
☐ Storm Water Fund Report	Financial Report
☐ Water Fund Report	Financial Report
☐ Landfill Fund Report	Financial Report

OUTSIDE AGENCY FUNDING

At the December 16th Council Meeting, the Council held a Question and Answer Session for outside agency funding. Each year the City of Storm Lake takes requests from tax-exempt organizations throughout the community to award grant money the City has available on an annual appropriation basis.

REVENUES

Revenues to support the outside agency funding come from a variety of special revenue accounts to maximize the amount to be awarded.

FACTORS AFFECTING THIS BUDGET YEAR

Last year, City awarded:

Witter Gallery	\$13,000
Upper Des Moines-	\$ 7,000
BV Historical Society	In-kind Services
Storm Lake United	\$52,000 (Development)
SLU	\$68,000 (Marketing)

An additional \$17,000 (following a special request) was awarded to Storm Lake United for the summer concert series. As of January 2020, the City has contributed \$18,000 of in-kind services for Storm Lake United Events this fiscal year.

FISCAL YEAR 2019-2020 BUDGET

Funds available for this year's outside agency funding are \$126,000. Applications were received by:

	<u>Requested</u>	<u>Average</u>
Witter Gallery	\$ 18,000	\$12,167
Upper Des Moines	\$ 8,000	\$ 7,000
Kiwanis	\$ 4,000	\$ 4,000
Trepson Foundation	\$ 12,000	\$ 5,667
S.L.H.S. Light House	\$ 22,500	\$14,583
BV Historical Society	\$ 8,400	\$ 4,850
Storm Lake United	\$ 65,000 (Development)	\$47,667

Within the proposed budget and accordance with Resolution 15-R-2002-2003, \$68,000 has been allocated to SLU for culture and recreation.

***Awardees must provide a mid-year update to the City Council on the use of funds.

\$20,000 has been set aside for mid-year funding requests by outside agencies and will be approved as those requests come forward.

\$20,000 has been set aside from the Hotel/Motel Tax Revenue to fund additional culture and recreation requests throughout the fiscal year.

BUDGET OVERVIEW

Council should direct staff how they would like to disburse the outside agency funding.

FY 2019-2020 Awad	Request for 2020-2021	Description of use								Average
SLU**	\$ 52,000	\$ 65,000.00	Industrial Development Funding	\$ 56,000	\$ 55,000	\$ 55,000	\$ 65,000	\$ -	\$ 55,000	\$ 47,667
Witter Gallery	\$ 13,000	\$ 18,000.00	Salary for one part time gallery director.	\$ 17,000	\$ 10,000	\$ 13,000	\$ -	\$ 18,000	\$ 15,000	\$ 12,167
UDMO	\$ 8,000	\$ 7,000.00	Back to School supplies, clothing and shoes.	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000
BV Historical Society	In-Kind	\$ 8,400.00	Floor covering for the meeting and gathering room.	\$ 7,500	\$ 8,400	\$ 5,000	\$ 4,200	\$ -	\$ 4,000	\$ 4,850
High School Ecology Courtyard	\$ -	\$ 2,000.00	Improving conservational education space in courtyard.	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
Trepson Foundation	\$ -	\$ 12,000.00	Preschool/Child Care/Literacy/STEM/Day of the Child Festival	\$ 8,000	\$ 10,000	\$ 10,000	\$ 6,000	\$ -	\$ -	\$ 5,667
Kiwani's Playground	\$ -	\$ 4,000.00	Playground equipment in Russell Street Park	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000
High School Art Lighthouses	\$ -	\$ 25,000.00	20 6'6" Lighthouses to be placed at popular outdoor Storm Lake locations.	\$ 22,500	\$ 10,000	\$ 10,000	\$ 10,000	\$ 25,000	\$ 10,000	\$ 14,583
TOTAL	\$ 106,000	\$ 141,400	TOTAL AVAILABLE 2020-2021 \$126,000	\$ 124,000.00	\$ 106,400.00	\$ 106,000.00	\$ 98,200.00	\$ 56,000.00	\$ 97,000.00	\$ 97,933

**Within the proposed budget and accordance with Resolution 15-R-2002-2003, \$68,000 has been allocated to SLU for culture and recreation.
This estimated amount will not exceed 20% of total Hotel/Motel tax receipts.

SEWER FUND

The Sewer Fund is one of the City's enterprise funds. Enterprise funds are self-supporting funds. They are used to account for goods and services for which user fees and charges are paid. The Sewer Fund includes the following divisions: Administration, Wastewater Plant, and Collection

Average Daily Flow- 2.5 MGD

Rain Events Daily Flow- We have seen up to 5 MGD

Sludge Hauled- 118.5 Metric Tons

Miles of Sewer Pipe-62.85

Force Main: 12.73 mi

Gravity Main: 50.12 mi

Lift Stations- 19

REVENUES

The Sewer Fund has a fund balance of \$989,200 and is projected to end slightly under the Council desired 40% by less than 1%.

Estimated revenues are projected to be \$4,033,975, which includes a \$600,000 Community Development Block Grant.

FACTORS AFFECTING THIS BUDGET YEAR

The wastewater division had \$60,552 of unexpected costs this current fiscal year.

Services to clean WWTP Channels- \$9,090

Pump Reconstruction for Casino Lift Station- \$10,025

Gates- \$33,586

Boiler Pumps at Memorial Lift Station- \$7,296

UV Light Bulbs- \$556

Repair C-65 Lift Station Pump-\$15,563

Bargloff Lift Station Pump- \$6,943

Rebuild Lift Station Pump at Water Treatment Plant- \$5,947

FISCAL YEAR 2019-2020 BUDGET ADJUSTMENTS

Consistent throughout the Sewer Fund budget, salaries increased by 3%. Insurance rates are expected to increase 6%, which includes group health insurance and workers' compensation insurance, and building and property insurance. Adjustments have been appropriately made for cell phones, electric and gas services, and software subscription costs.

Administration

Contractual Services - \$2,000

Wastewater Plant

Operations and Maintenance – \$23,000

Generator Maintenance- \$40,000

Capital Expenditures- \$1,100,000

Collection

Supplies- \$9,000

Capital Expenditures- \$280,000

Debt Service

Bond Payment- \$495,317

BUDGET OVERVIEW

Total Revenues- \$4,033,975 (\$3,433,975)

Expenses- \$4,277,597 (3,677,597)

Personnel- \$845,794

23% of the total expenses

Operations/Maintenance- \$956,486

26%

Debt Service- \$495,317

13%

Capital Expenditures- \$1,380,000

38%

STORM WATER FUND

The Storm Water Fund is one of the City's enterprise funds. Enterprise funds are self-supporting used to account for goods and services for which user fees and charges are paid in exchange for services provided. The Storm Water Fund includes the following divisions: Administration and Collection.

Miles of Streets Swept-96
Number of Storm Intakes-745
Storm Water Quality Controls-15

REVENUES

The Storm Water Fund Balance is projected to be at 24% of operating expenses, short of the Council desired 40% fund balance. The fund balance will be used to cover the cost of capital projects. Currently, there is \$93,911.76 in reserve.

Estimated revenues are projected to be \$432,369 which is a 4.99% reduction in budget.

FACTORS AFFECTING THIS BUDGET YEAR

There were no unexpected expenditures.

FISCAL YEAR 2019-2020 BUDGET ADJUSTMENTS

Salaries increased by 3%. Insurance rates are expected to increase 6%, which includes group health insurance and workers' compensation insurance. Adjustments have been appropriately made for electric and gas services and software subscription costs.

Rain Gardens Maintenance- \$20,000
Debt Service-\$308,481

BUDGET OVERVIEW

Total Revenues- \$432,369

Expenses- \$527,339

Personnel- \$73,259	14% of the total expenses
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Operations/Maintenance- \$115,599	22%
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Debt Service- \$308,481	58%
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Capital- \$30,000	06%
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WATER FUND

The Water Fund is one of the City's enterprise funds. Enterprise funds are self-supporting used to account for goods and services for which user fees and charges are paid in exchange for services provided. The Water Fund includes the following divisions: Administration, Water Plant, Distribution, and Water Meters.

Number of Water Accounts- 3,682

Average Daily Flow- 3.3 MGD

Number of Wells-10

Number of Water Towers-3

Number of Clear Wells- 2

Miles of Water Pipe-90.7

Water Mains: 82.4 mi

Irrigation: 4.19 mi

Raw Water Line: 4.11 mi

Number of Hydrants-540

REVENUES

The Water Fund is operating in good financial health maintaining and slightly exceeding the Council desired 40% fund balance of \$1,942,717. The excess revenues will be used to cover the cost of capital improvements planned this next fiscal year.

Estimated revenues are projected to be \$4,537,912, a 2.68% increase from our current fiscal year.

FACTORS AFFECTING THIS BUDGET YEAR

There were a few unplanned expenditures due to the failure of pumps at Well #4, installation of a Radar Transmitter for the lime storage and a new gate system. At the end of this fiscal year, we may be amending the budget approximately \$118,521.65.

FISCAL YEAR 2020-2021 BUDGET ADJUSTMENTS

Consistent throughout the Water Fund budget, salaries increased by 3%. Insurance rates are expected to increase by 6%, which includes group health insurance, workers' compensation insurance, and general property insurance. Adjustments have been appropriately made for chemicals, cell phones, electric and gas services, and software subscription costs.

Administration

A new line item for Water Excise Tax (WET). Over the life of the WET, a portion of the total taxes collected will be distributed into two funds—the water quality infrastructure fund and the water quality assistance fund—which will provide money to the Department of Agriculture and Land Stewardship and the Iowa Finance Authority. These funds will be used to improve water quality in Iowa.

Water Plant

Dues and Memberships- \$2,220

Annual Well Service \$50,000

Testing increase by \$5,000

Chemicals costs increased by \$50,230

Electric Service- (\$29,876)

Lime Hauling- \$(20,917)

Capital Expenditures- \$637,000

Distribution

No supplemental requested

Capital Expenditures- \$240,000

Meters

Supplies- \$1,000

Capital Expenditures- \$167,000

Debt Service

Bond Payment- \$568,584

BUDGET OVERVIEW

Total Revenues- \$4,537,912

Expenses- \$4,494,541

Personnel- \$1,004,794	22% of the total expenses
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Operations/Maintenance- \$1,490,163	33%
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Debt Service- \$568,584	13%
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Capital Expenditures- \$1,431,000	32%
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LANDFILL FUND

The Landfill Fund is one of the City's enterprise funds. Enterprise funds are self-supporting used to account for goods and services for which user fees and charges are paid in exchange for services provided.

REVENUES

The Landfill Fund is operating in good financial health and maintains over the Council desired 40% fund balance of \$293,400. This allows us to schedule another City Wide Clean-up next fiscal year.

Estimated revenues are projected to be \$455,500

FACTORS AFFECTING THIS BUDGET YEAR

No unexpected costs this year.

FISCAL YEAR 2019-2020 BUDGET ADJUSTMENTS

Salaries increased by 3%. Insurance rates are expected to increase 6%, which includes group health insurance and workers' compensation insurance.

City Wide Clean-Up- \$50,000

BUDGET OVERVIEW

Total Revenues- \$455,500

Expenses- \$497,475

Personnel- \$56,214

11% of the total expenses

Operations/Maintenance- \$391,261

79%

Debt Service- \$0

0%

Capital Expenditures- \$50,000

10%