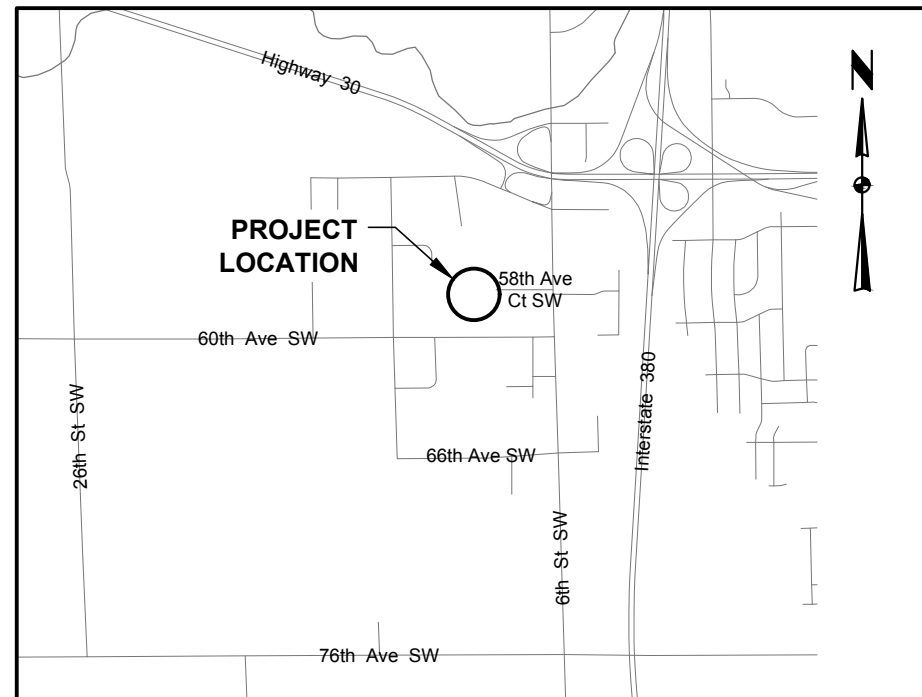


**PLANS OF IMPROVEMENTS FOR:
2016
58TH AVENUE COURT SW
SANITARY SEWER IMPROVEMENTS
CITY OF CEDAR RAPIDS, IOWA
CIP NUMBER 6550028
CONTRACT NUMBER 6550028-01**




LOCATION MAP
NOT TO SCALE

INDEX OF SHEETS	
SHEET No.	DESCRIPTION
A.01	TITLE SHEET
A.02	GENERAL PLAN, LEGEND AND NOTES
C.01	SITE ACCESS PLAN
D.01 - D.02	IMPROVEMENT PLAN

CITY OF CEDAR RAPIDS	
THIS ENGINEERING DOCUMENT IS APPROVED.	
_____ CITY ENGINEER OR DESIGNEE	_____ DATE
_____ UTILITIES ENGINEER OR DESIGNEE	_____ DATE
_____ CITY TRAFFIC ENGINEER OR DESIGNEE	_____ DATE

PLANS PREPARED BY: CITY OF CEDAR RAPIDS, PUBLIC WORKS 500 15TH AVENUE SW, CEDAR RAPIDS, IA 52404 PHONE: 319-286-5802
--

PLANS PREPARED FOR:

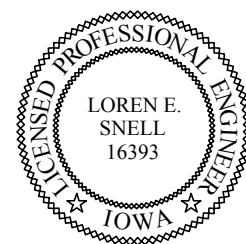


CEDAR RAPIDS
City of Five Seasons

CITY COUNCIL:

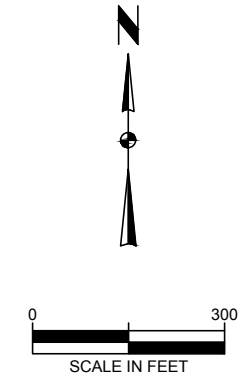
MAYOR: RON CORBETT
 AT LARGE: ANN POE
 AT LARGE: RALPH RUSSELL
 AT LARGE: SUSIE WEINACHT
 DISTRICT 1: KRIS GULICK
 DISTRICT 2: SCOTT OVERLAND
 DISTRICT 3: PAT SHEY
 DISTRICT 4: SCOTT OLSON
 DISTRICT 5: JUSTIN SHIELDS

NOTE:
THE PROPOSED IMPROVEMENTS INCLUDED IN THESE DRAWINGS
HAVE BEEN DESIGNED IN ACCORDANCE WITH THE CEDAR RAPIDS
METROPOLITAN AREA DESIGN STANDARDS MANUAL (LATEST
EDITION) WITH NO DESIGN EXCEPTIONS.

	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.
	_____ LOREN E. SNELL, P.E. DATE LICENSE NUMBER: 16393 MY LICENSE RENEWAL DATE IS: DECEMBER 31, 2017
	PAGES OR SHEETS COVERED BY THIS SEAL: ALL

LEGEND

EXISTING		PROPOSED (AS-BUILT)
—(SS)—	SANITARY SEWER	—SS—
—(ST)—	STORM SEWER	—ST—
—(FM)—	FORCE MAIN	—FM—
—(W)—	WATER	—W—
—(G)—	GAS	—G—
—(OHE)—	ELECTRICAL - OVERHEAD	—(OHE)—
—(E)—	ELECTRICAL - UNDERGROUND	—E—
—(T)—	TELEPHONE - UNDERGROUND	—T—
—(C)—	CATV - UNDERGROUND	—C—
—(FO)—	FIBER OPTIC - UNDERGROUND	—FO—
—X—X—	FENCE LINE	—X—X—
☼	LIGHT POLE W/O MAST	☼
☼	LIGHT POLE W/MAST	☼
⦿	FIRE HYDRANT	⦿
⊙	UTILITY POLE	⊙
→	GUY ANCHOR	→
⊠	TELEPHONE PEDESTAL	⊠
⊠	HANDHOLE	⊠
○	MANHOLE	○
⊗	VALVE, WATER OR GAS	⊗
⊙	CLEANOUT, STORM OR SANITARY	⊙
▨	CURB AND APRON INTAKE	▨
▨ OR ⊙	GRATE INTAKE	▨ OR ⊙
⊠	METRO RA-3 OR RA-5 INTAKE	⊠
⊠	FLARED END SECTION	⊠



GENERAL NOTES (ENTIRE PROJECT):

1. THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CEDAR RAPIDS METROPOLITAN AREA STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC IMPROVEMENTS, LATEST EDITIONS.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL EXISTING UTILITIES AND PAVED AREAS, INCLUDING ANY NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IF ANY CONFLICTS WITH THE DRAWINGS OCCUR. ANY DAMAGE TO EXISTING UTILITIES, SOD, LANDSCAPE AND/OR PAVED AREAS CAUSED BY TRENCHING, GRADING, AND PAVING OPERATIONS NOT IDENTIFIED FOR REPLACEMENT SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. EXISTING UTILITY LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE.
3. PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREAS. DO NOT ALLOW WATER TO DRAIN OR TO POND ONTO ADJOINING PROPERTY OR PUBLIC RIGHT-OF-WAY.
4. ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE PROPERLY DISPOSED OF OFF-SITE.
5. RESTORE LANDSCAPED AND LAWN AREAS DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION UPON COMPLETION OF CONSTRUCTION.
6. ALL WORK TO BE COMPLETED WITHIN EASEMENTS AND PUBLIC R.O.W.

EROSION CONTROL NOTES:

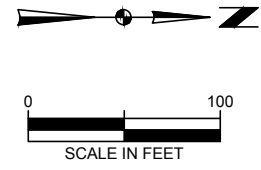
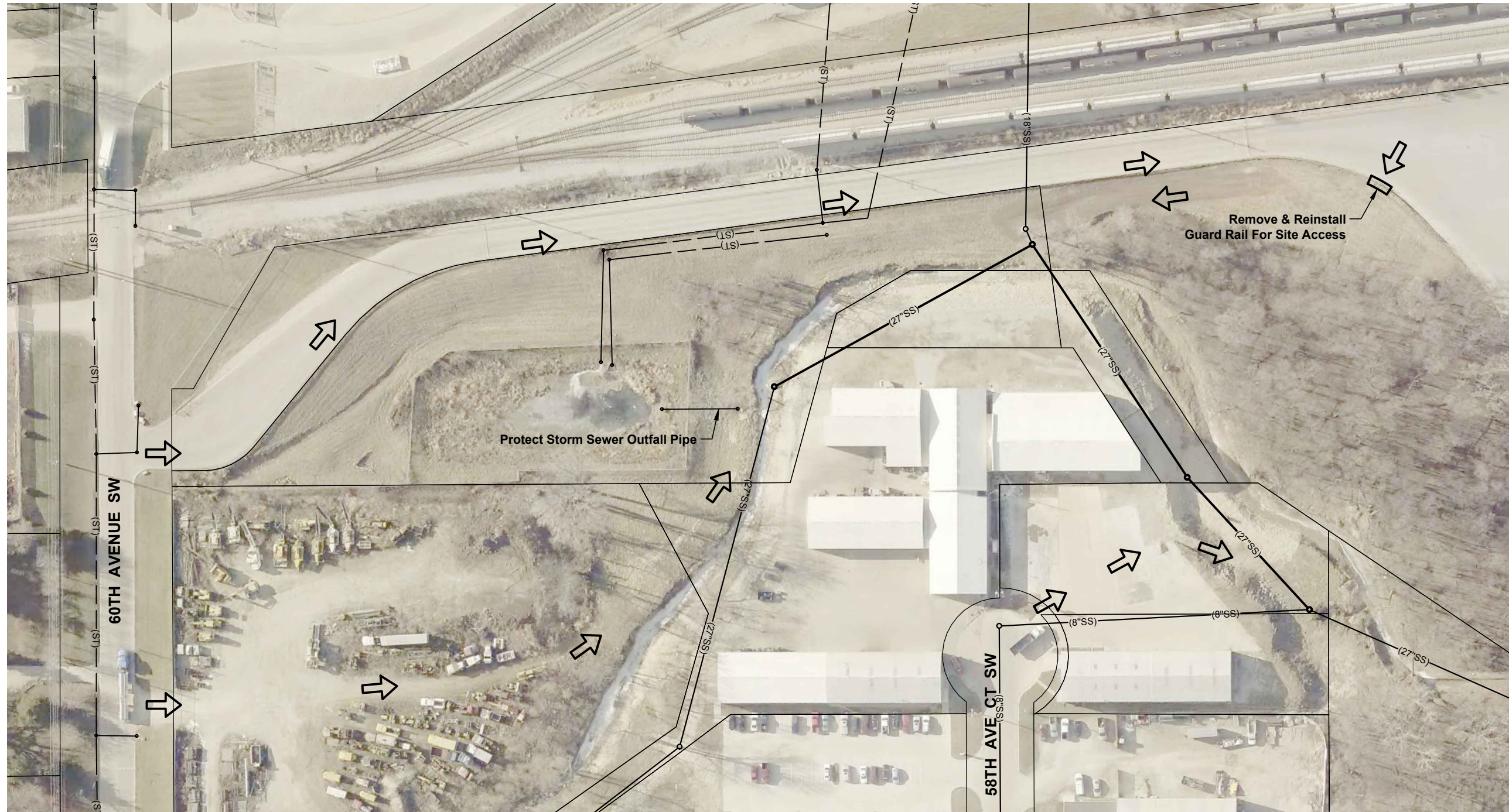
1. THIS PROJECT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE LATEST EDITION OF MUNICIPAL CODE CHAPTER 71 "EROSION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES" AND CHAPTER 72 "STORM WATER MANAGEMENT".
2. THE EROSION AND SEDIMENT CONTROL MEASURES INDICATED ON THE PLAN ARE THE MINIMUM REQUIRED. ADDITIONAL OR CORRECTIVE MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEERS SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBING ACTIVITIES.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR WILL BE RESPONSIBLE FOR PERMITTING, INSPECTION, AND REPAIR OF EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION.
4. PRESERVE EXISTING VEGETATION WHEN POSSIBLE BY MINIMIZING THE DISTURBED AREA DURING CONSTRUCTION.
5. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND PROPERLY DISPOSED OF AFTER PERMANENT VEGETATION HAS BEEN ESTABLISHED ON UP-SLOPE AREAS.



UTILITY QUALITY SERVICE LEVELS
 QUALITY LEVELS OF UTILITIES SHOWN ON THESE PLANS ARE LEVEL "D" (INFORMATION IS DERIVED FROM EXISTING UTILITY RECORDS OR ORAL RECOLLECTION). THE QUALITY LEVELS ARE BASED ON THE CI / ASCE 38-02 STANDARD.

Plot Date: 10/20/2016 1:42 PM File Name: w:\projects\csp\011 (655)6550028 58th ave ct sw\design\6550028 base drawing.dwg

PREPARED BY: CITY OF CEDAR RAPIDS, PUBLIC WORKS 500 15TH AVENUE SW, CEDAR RAPIDS, IA 52404 PHONE: 319-286-5802					Date: 10/20/2016 Drawn By: MAM Approved By: LES	58TH AVENUE COURT SW SANITARY SEWER IMPROVEMENTS	GENERAL PLAN, LEGEND AND NOTES	SHEET No. A.02
	No.	REVISION DESCRIPTION	APPROVED		DATE			



Plot Date: 10/20/2016 1:43 PM
 File Name: w:\proj\csc\c\p\011_055\0550028_58th ave ct sw\design\0550028_base_drawing.dwg

PREPARED BY:
 CITY OF CEDAR RAPIDS, PUBLIC WORKS
 500 15TH AVENUE SW, CEDAR RAPIDS, IA 52404
 PHONE: 319-286-5802

No.	REVISION DESCRIPTION	APPROVED	DATE

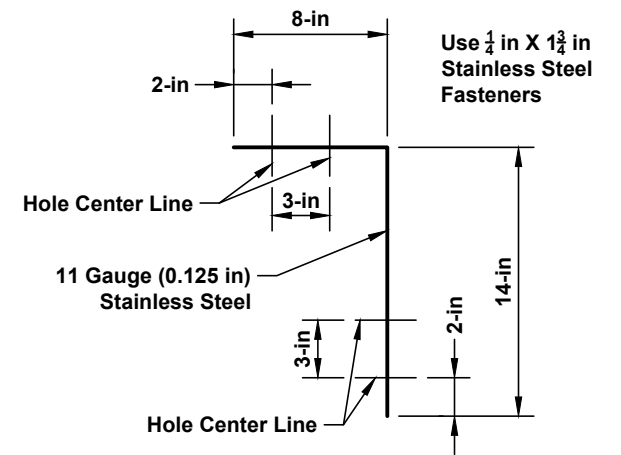
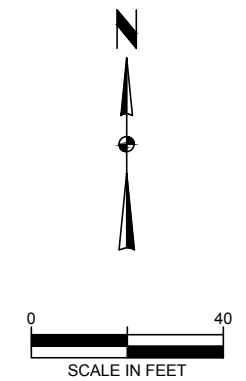


Date: 10/20/2016
 Drawn By: MAM
 Approved By: LES
 CIP No: 6550028-01

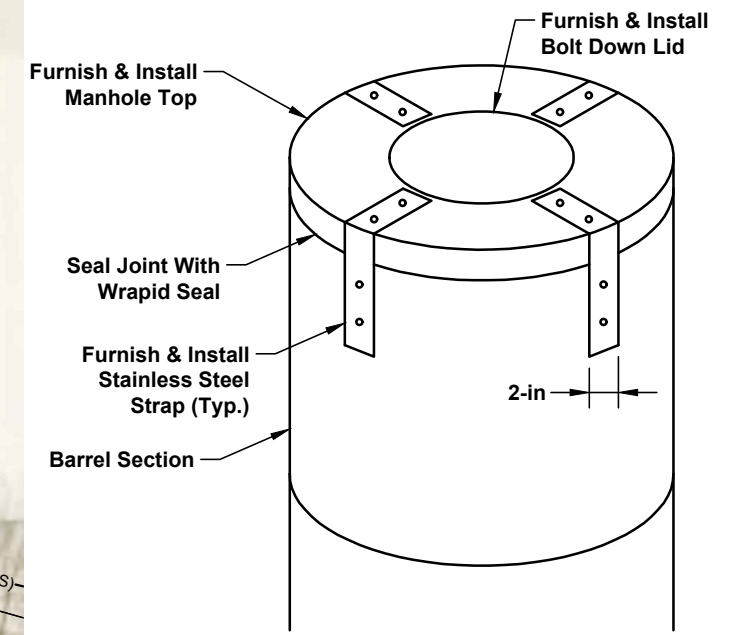
**58TH AVENUE COURT SW
 SANITARY SEWER IMPROVEMENTS**

SITE ACCESS PLAN

SHEET No.
C.01



STAINLESS STEEL STRAP DETAIL
NOT TO SCALE



MANHOLE DETAIL
NOT TO SCALE

Plot Date: 10/24/2016 1:53 PM
 File Name: w:\projects\csp\011_055\0550028_58th ave ct sw\design\0550028_base drawing.dwg

PREPARED BY:
 CITY OF CEDAR RAPIDS, PUBLIC WORKS
 500 15TH AVENUE SW, CEDAR RAPIDS, IA 52404
 PHONE: 319-286-5802

No.	REVISION DESCRIPTION	APPROVED	DATE

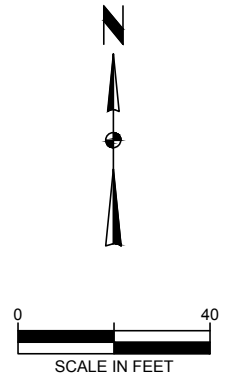


Date: 10/20/2016
 Drawn By: MAM
 Approved By: LES
 CIP No: 6550028-01

58TH AVENUE COURT SW
SANITARY SEWER IMPROVEMENTS

IMPROVEMENT PLAN

SHEET No.
D.01



Plot Date: 10/24/2016 1:56 PM
 File Name: w:\proj\csc\p\011_055\0550028_58th ave ct sw\design\0550028_base.dwg

PREPARED BY:
 CITY OF CEDAR RAPIDS, PUBLIC WORKS
 500 15TH AVENUE SW, CEDAR RAPIDS, IA 52404
 PHONE: 319-286-5802

No.	REVISION DESCRIPTION	APPROVED	DATE



Date: 10/20/2016
 Drawn By: MAM
 Approved By: LES
 CIP No: 6550028-01

**58TH AVENUE COURT SW
 SANITARY SEWER IMPROVEMENTS**

IMPROVEMENT PLAN

SHEET No.
D.02