

SANITARY SEWER EXTENSION

to serve

Cedar Creek Addition, Phase 1 CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer

Project Number 468-85378

O.C.A. NO. 744490

Lateral 3, Main 22 Four Mile Creek

GENERAL NOTES:

1. The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.

2. Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:

Kansas One-Call 687-2470

The Contractor must notify the following in case of an emergency:

AT&T	1-800-246-8464
Butler Rural Electric Cooperative	1-316-321-9600
Black Hills Energy	1-800-694-8989
City of Wichita Water & Sewer Dept.	1-316-219-8921
City of Wichita Stormwater	1-316-268-4090
City of Wichita Traffic	1-316-268-4034
Cox Communications	1-888-249-3530
Kansas Gas Service	1-888-482-4950
Phillips 66 Pipeline	1-800-231-2566
Southern Star Central Gas Pipeline	1-800-324-9696
Westar Energy	1-800-544-4857

3. Utility service lines, poles, etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

4. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations, in the opinion of the Engineer, that will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain will require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits will require additional archaeological investigations unless buried in a previously approved borrow location.

5. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

6. The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.

7. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.

8. If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Brian Coon at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors responsibly.

10. All elevations shown are NAVD 88.

11. All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.

12. The Contractor shall protect from damage and support existing utilities through constructions as approved by the utility owner and the Engineer at the contractors expense.

13. Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.

14. All stubs and plugged pipes shall be located with green plastic tape in the same manner as risers.

15. Connecting to Existing Manholes:

Prior to laying sewer lines using existing stubs in existing manholes, the Contractor shall expose and verify the elevation, grade and alignment of existing stubs and notify the Engineer of any deviation from the plans. Where connection to an existing manhole that does not have an existing stub or the stub is unusable due to elevation grade or alignment, the Contractor shall bore cut into existing manhole wall to make connection using approved water stop gasket, and reshape the existing manhole invert to provide smooth flow. The cost to connecting to existing manholes is incidental to the project.

16. Contractor shall provide positive drainage away from all manhole covers.

17. The Contractor shall prevent any construction debris from entering the existing sanitary sewer during construction.

18. The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractors proposed method for maintaining sewage flow shall be submitted and approved by the Sewer Maintenance Division (316-268-4073) prior to starting and by-passing of sewage flows.

19. Any over excavation from manhole and pipe removal shall be backfilled with AB-3 compacted to 90-95% ASTM D698.

20. No shrink or swell factors have been applied to the earthwork quantities shown on this project. All earthwork quantities are based on raw surface volume comparisons.

21. Excess dirt generated from installation of underground utilities is to remain on site and be stockpiled on Lots 1-19, Block 7.

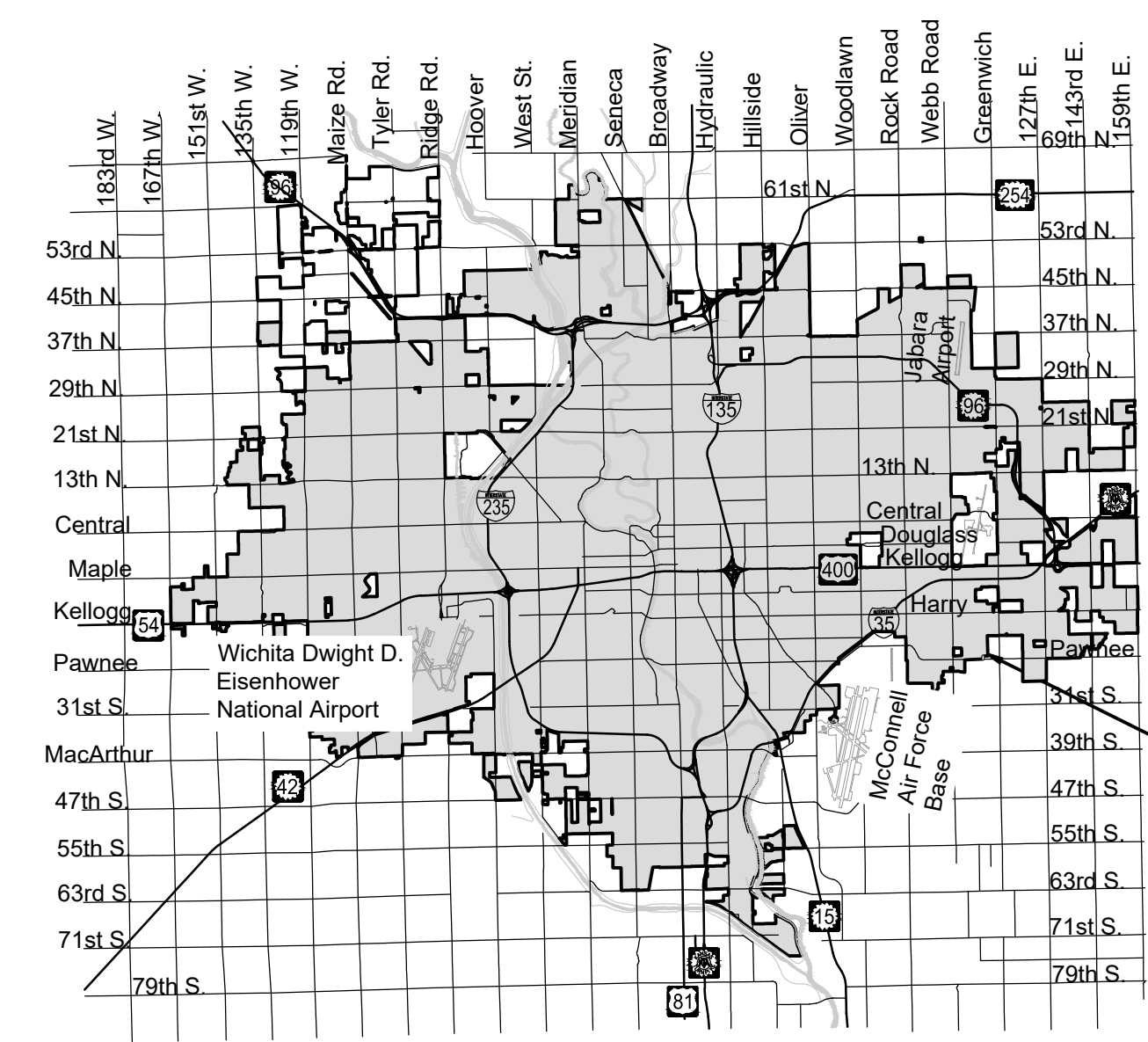
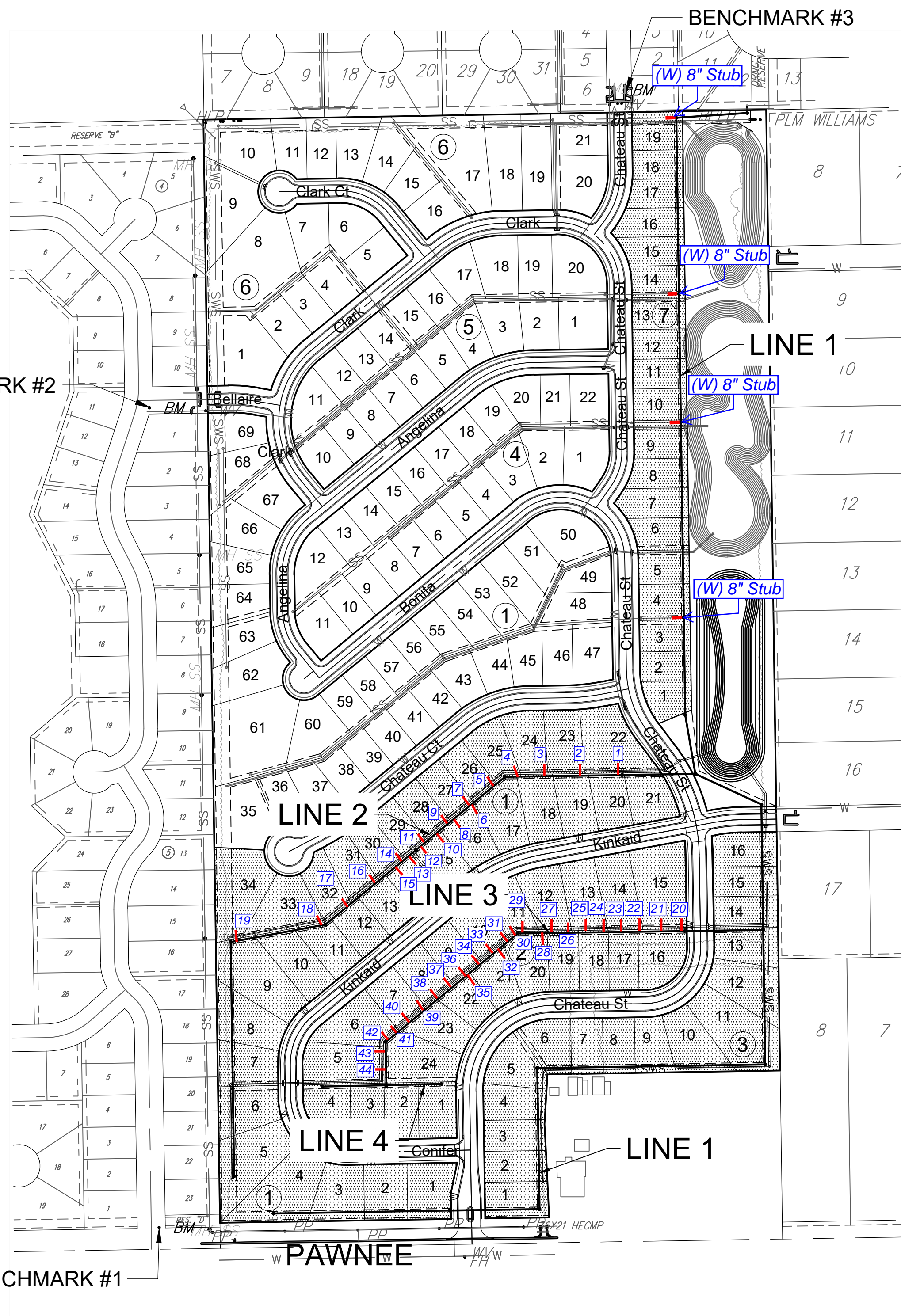
22. Contractor shall restore existing grade except where indicated. Temporary grading around proposed manholes shall be provided as indicated by plans. All temporary grading will be bid as "Temporary Grading, C.Y.". Permanent easement grading will be included in the companion Storm Water Drain project.

Benchmarks

BENCHMARK #1:
CHISELED SQUARE ON THE TOP OF CURB ON THE EAST SIDE OF CRANBROOK, 52 FEET NORTH OF THE CENTERLINE OF PAWNEE.
ELEVATION = 1387.80 (NAVD88)

BENCHMARK #2:
CHISELED SQUARE ON THE TOP OF CURB AT THE SOUTHEAST CORNER OF CRANBROOK AND BELAIRE.
ELEVATION = 1374.75 (NAVD88)

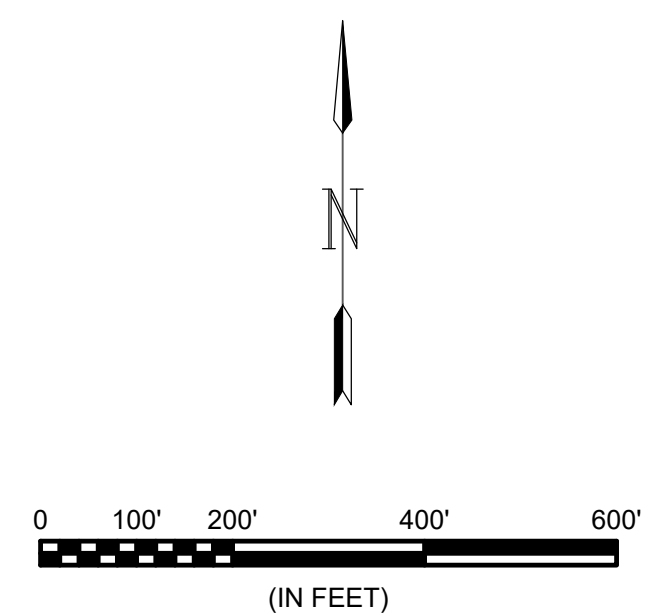
BENCHMARK #3:
CHISELED SQUARE ON THE TOP OF CURB ON THE EAST SIDE OF CHATEAU, NORTH CURB RETURN OF THE HAMMER HEAD TURNAROUND.
ELEVATION = 1361.56 (NAVD88)



Vicinity Map

Sheet Index

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17	Erosion Control Plan
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19	Silt Fc
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Duling Construction - Contractor
K. Yale - City of Wichita, Field Project Engineer
E. Flores - City of Wichita, Inspector
As-built
Stubs & Risers
Release Date for connection purposes only: 1/29/2020
Completion Date:
pdf: 1/30/2020 apr

February 2019

PLANS PREPARED BY



Sanitary Sewer Riser Location Table

Project Name: SS System to serve Cedar Creek Addn

Project Location: North of Pawnee, east of Greenwich

Project No.: 468-85378

OCA No.: 744490

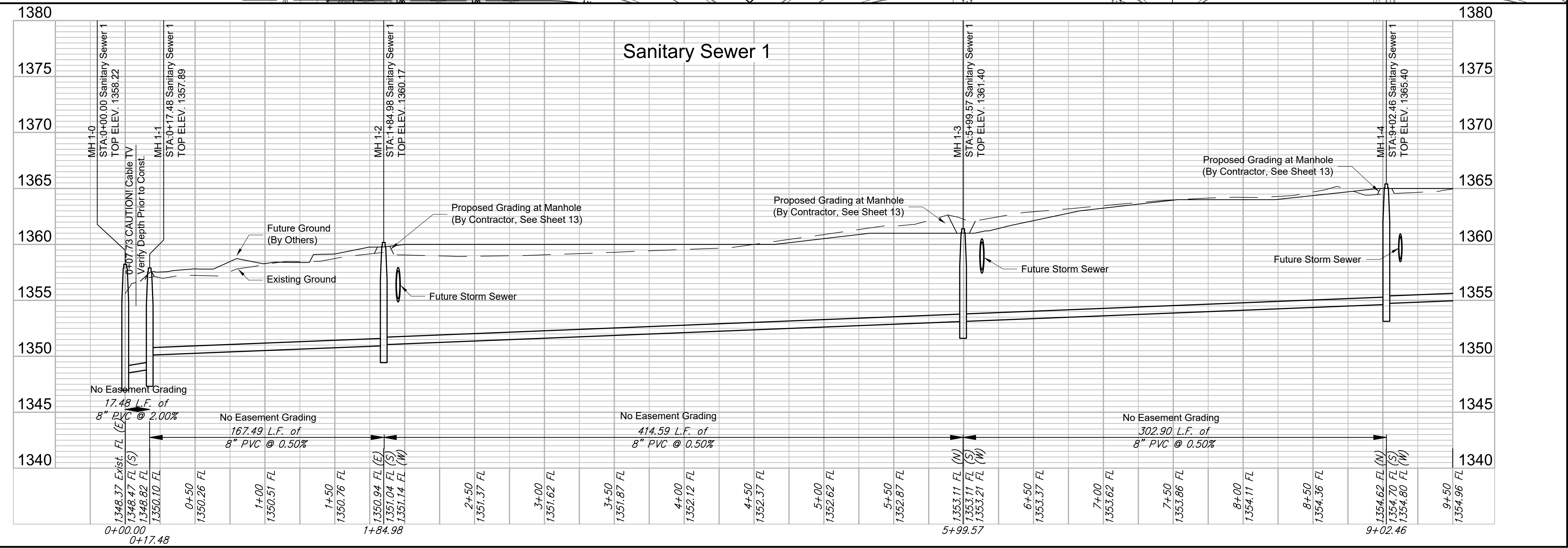
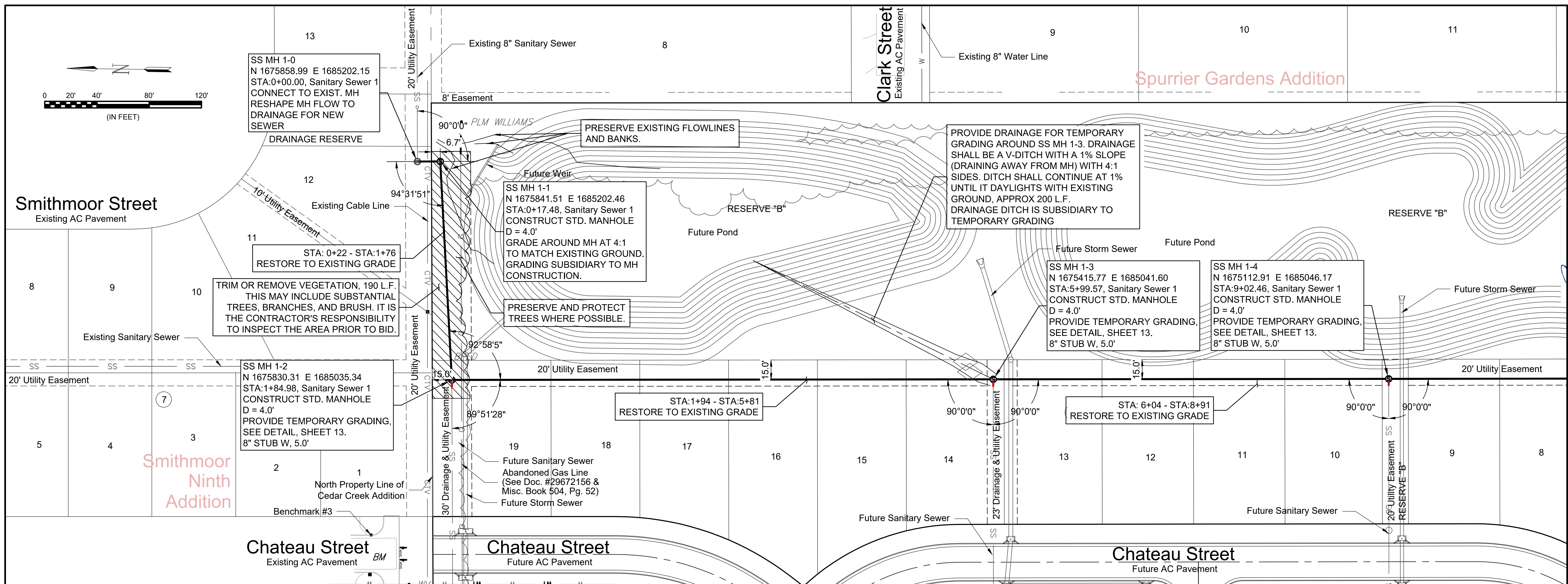
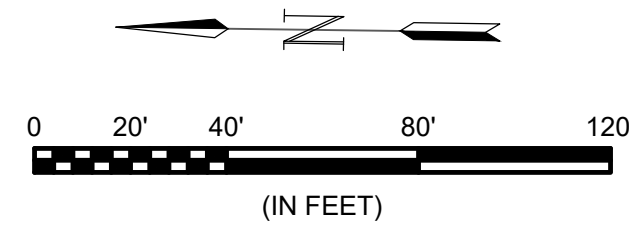
Contractor: Duling Construction

Inspector: Edgardo Flores

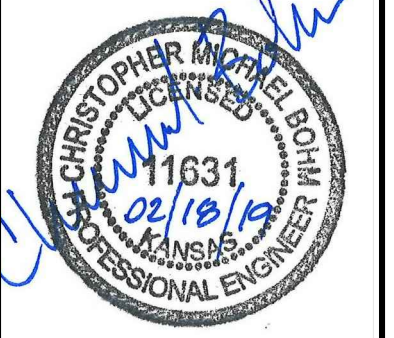
Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)	Distance from	
				Upstream MH	Downstream MH
1	2	1+83	15' Rt	272'	11'
2	2	2+71	15' Rt	177'	99'
3	2	3+57	15' Rt	97'	185'
4	2	4+20	15' Rt	28'	248'
5	2	4+84	15' Rt	235'	36'
6	2	5+52	5' Lt	167'	104'
7	2	5+55	15' Rt	164'	107'
8	2	6+05	5' Lt	115'	157'
9	2	6+24	15' Rt	96'	176'
10	2	6+57	5' Lt	63'	209'
11	2	6+94	15' Rt	26'	246'
12	2	6+98	5' Lt	22'	250'
13	2	7+40	5' Lt	256'	20'
14	2	7+64	15' Rt	232'	44'
15	2	7+81	5' Lt	215'	61'
16	2	8+44	15' Rt	152'	124'
17	2	9+29	15' Rt	70'	206'
18	2	10+06	15' Rt	217'	10'
19	2	12+11	15' Rt	12'	215'
20	3	1+93	15' Rt	386'	6'
21	3	2+41	15' Rt	338'	55'
22	3	2+92	15' Rt	286'	106'
23	3	3+34	15' Rt	224'	148'
24	3	3+75	15' Rt	203'	189'
25	3	4+18	15' Rt	160'	232'
26	3	4+60	15' Rt	118'	274'
27	3	4+98	15' Rt	80'	312'
28	3	5+19	5' Lt	59'	333'
29	3	5+66	15' Rt	12'	380'
30	3	5+84	15' Rt	397'	6'
31	3	6+10	15' Rt	371'	32'
32	3	6+31	5' Lt	350'	53'
33	3	6+53	15' Rt	328'	75'
34	3	6+95	15' Rt	286'	117'
35	3	7+34	5' Lt	247'	156'
36	3	7+38	15' Rt	243'	160'

Sanitary Sewer Riser Location Table

37	3	7+80	15' Rt	201'	202'
38	3	8+23	15' Rt	158'	245'
39	3	8+65	15' Rt	116'	287'
40	3	9+08	15' Rt	73'	330'
41	3	9+47	15' Rt	34'	369'
42	3	9+74	15' Rt	7'	396'
43	3	10+03	15' Rt	80'	22'
44	3	10+46	15' Rt	37'	65'



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REV.	DATE	DESCRIPTION	BY



CITY OF WICHITA
WICHITA, KANSAS
CEDAR CREEK ADD,
PHASE 1 - SANITARY

Sanitary Sewer
Line 1

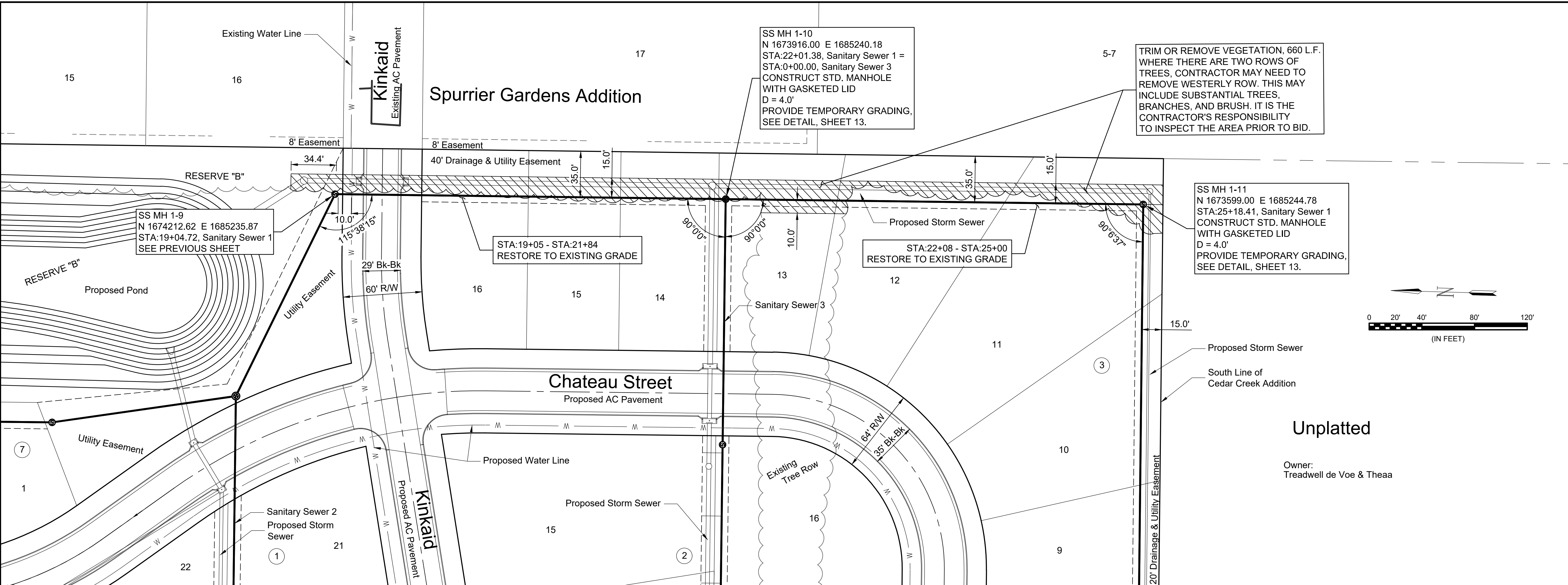
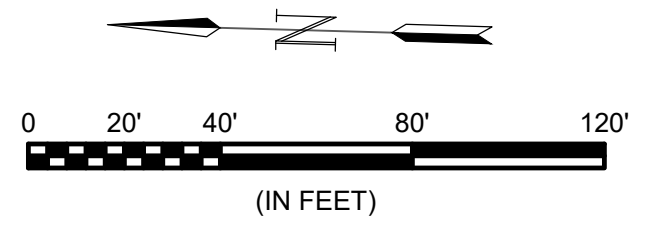
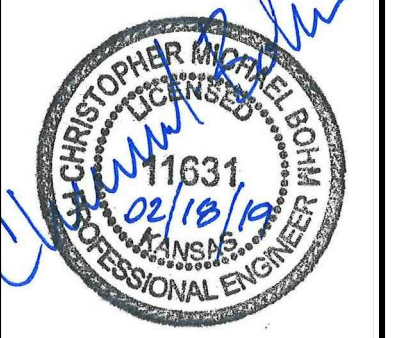
JOB NO.: 18266039
DATE: February 2019
DESIGNED BY: CMB
DRAWN BY: CDJ

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DRAWING NUMBER

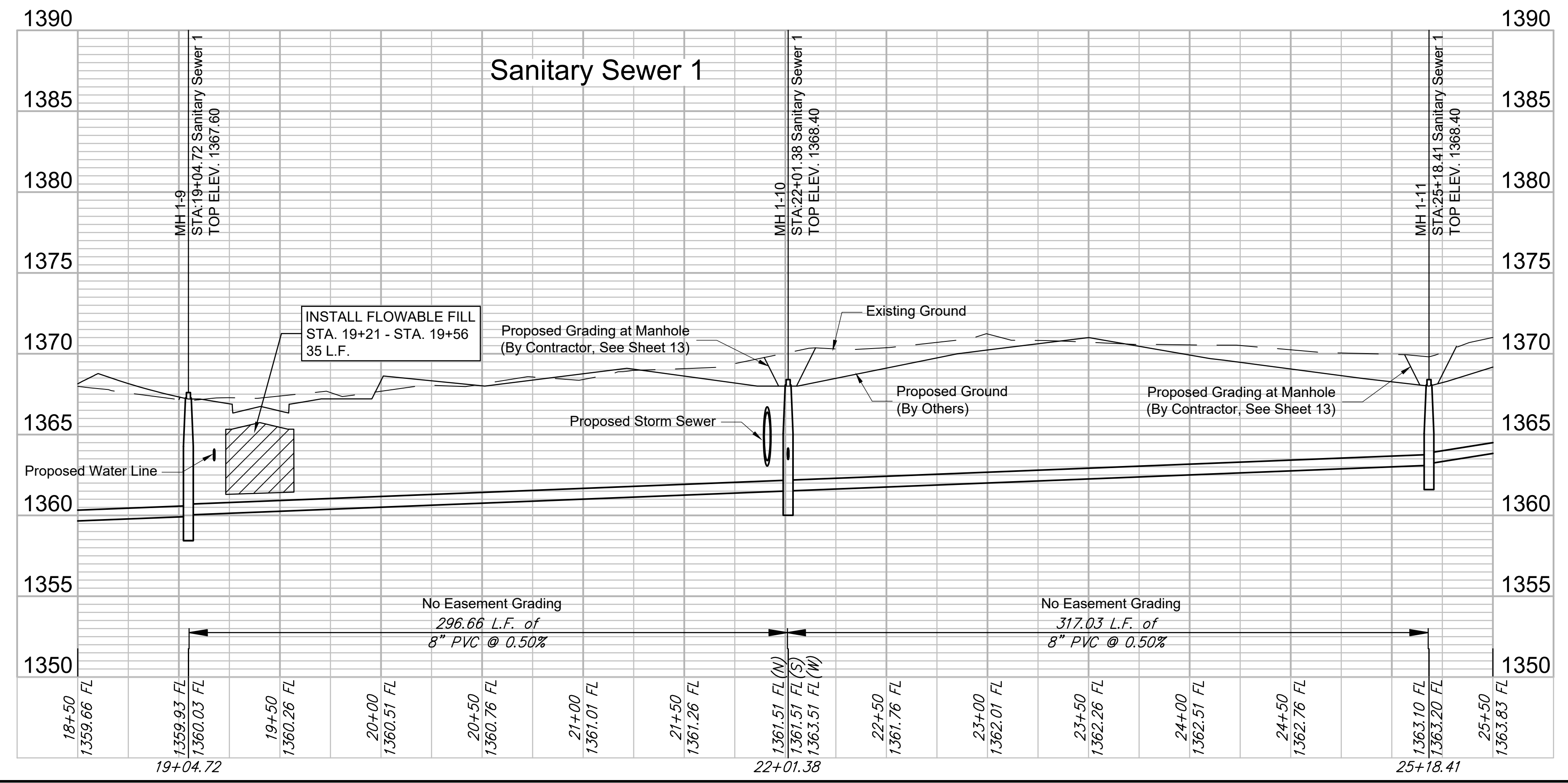
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Owner:
Treadwell de Voe & Theaa



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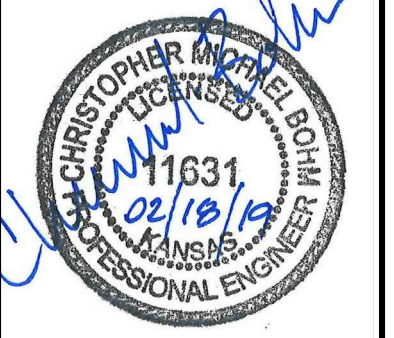
CITY OF WICHITA
 WICHITA, KANSAS
 CEDAR CREEK ADD,
 PHASE 1 - SANITARY

Sanitary Sewer Line 1

JOB NO.: 18266039
 DATE: February 2019
 DESIGNED BY: CDJ
 DRAWN BY: CDJ

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DRAWING NUMBER



REV.	DATE	DESCRIPTION	BY
1	02/19/19	Updated Stationing	CDJ



CITY OF WICHITA
 WICHITA, KANSAS
 CEDAR CREEK ADD,
 PHASE 1 - SANITARY

Sanitary Sewer Line 1

JOB NO.: 18266039
 DATE: February 2019
 DESIGNED BY: CMB
 DRAWN BY: CDJ

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SHEET NUMBER **8** OF **23**

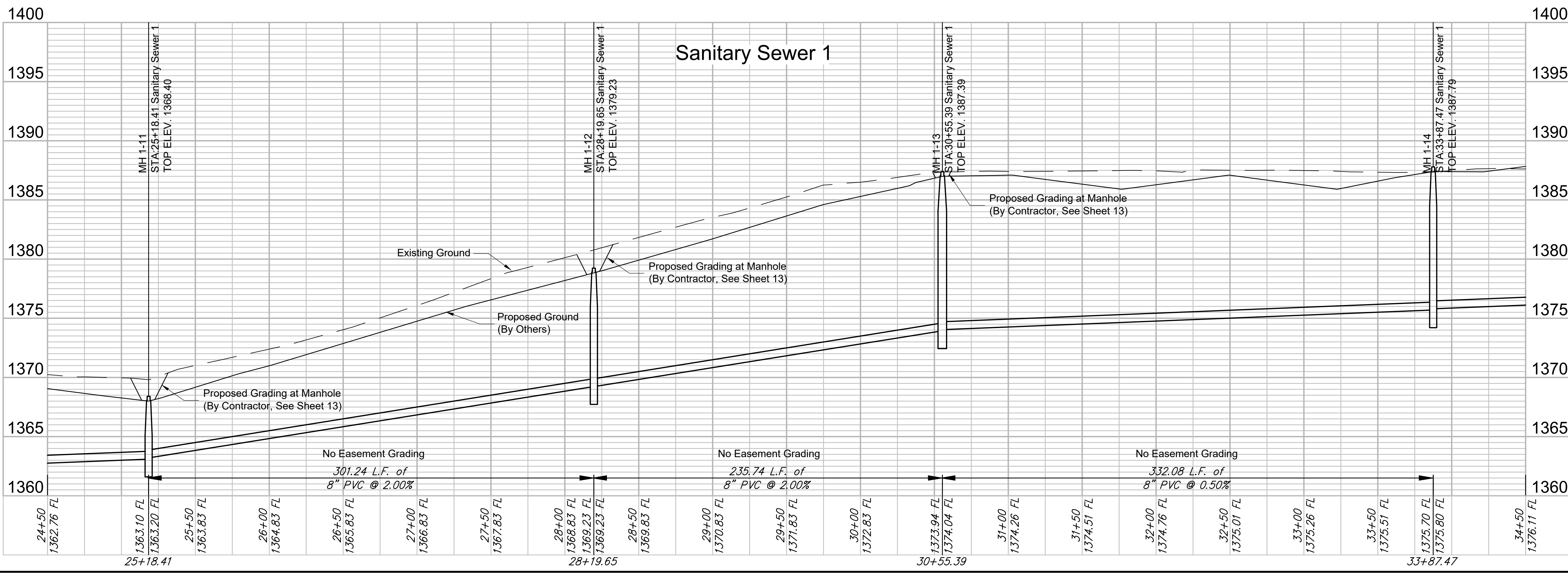
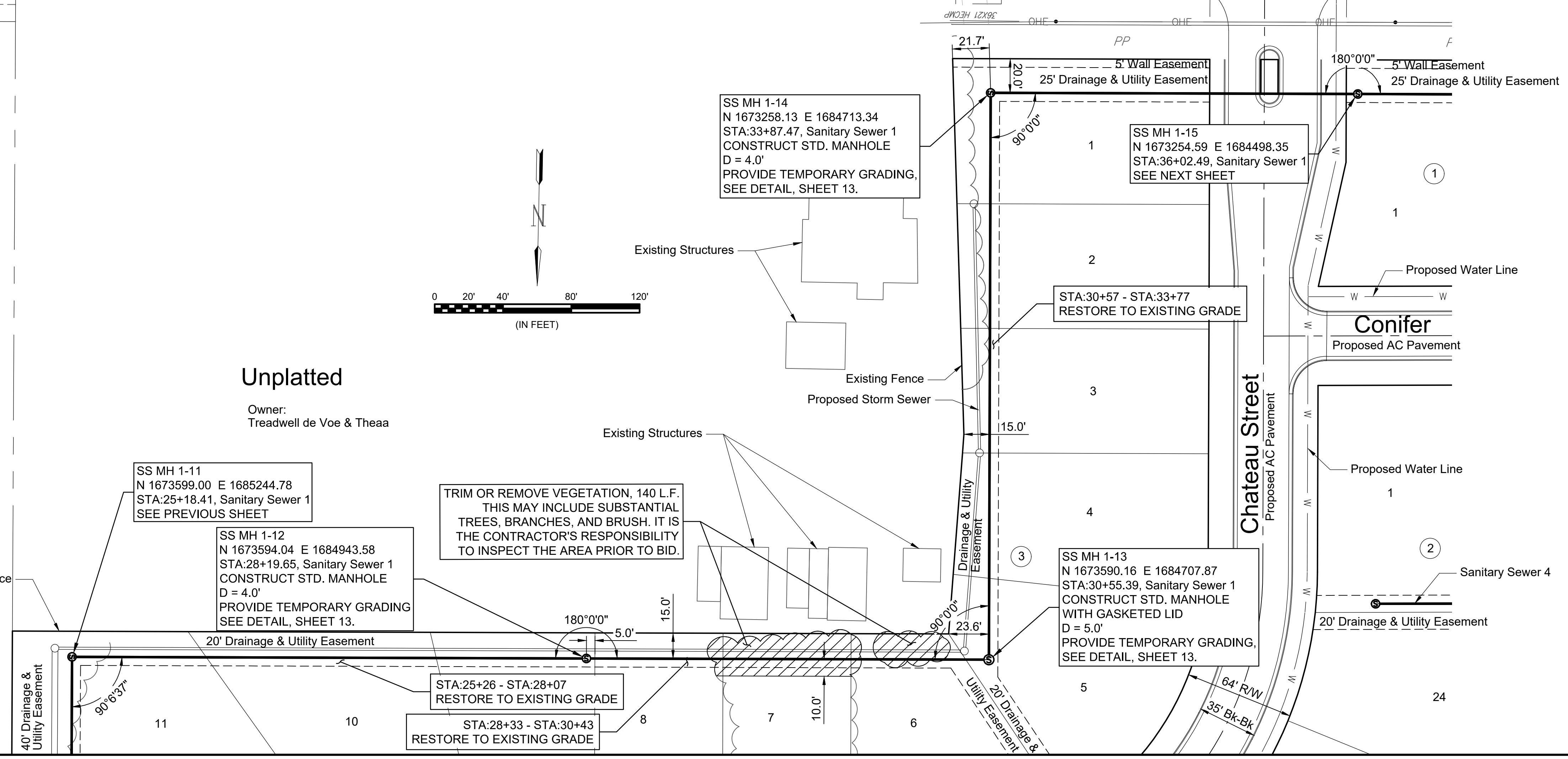
Spurrier Gardens Addition

5-7

Unplatted

Owner:
 Treadwell de Voe & Theaa

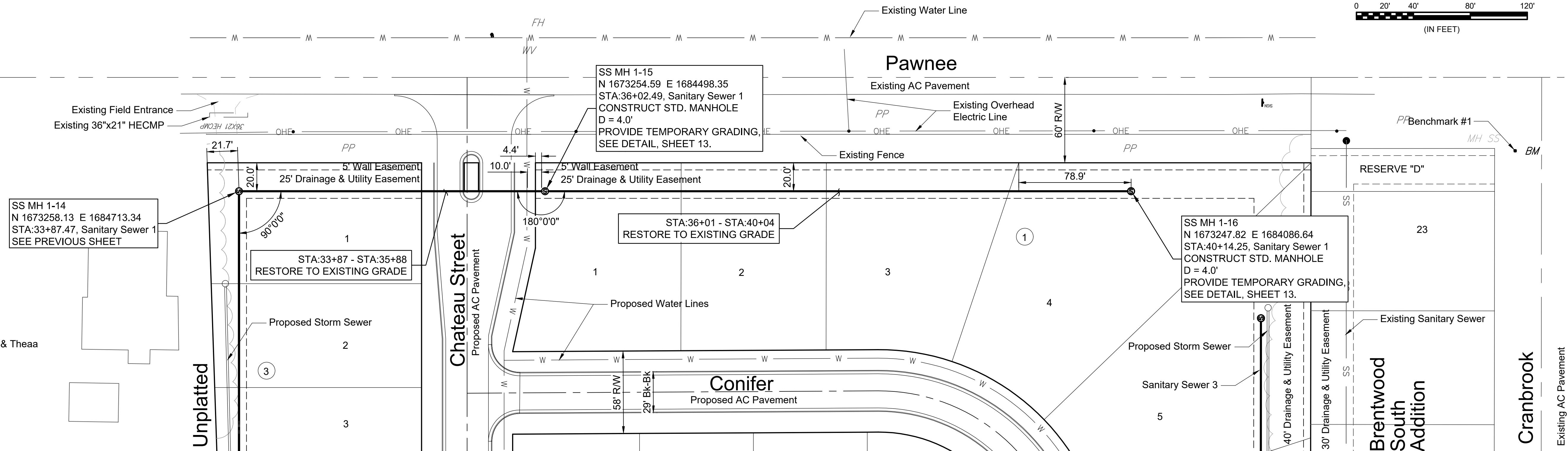
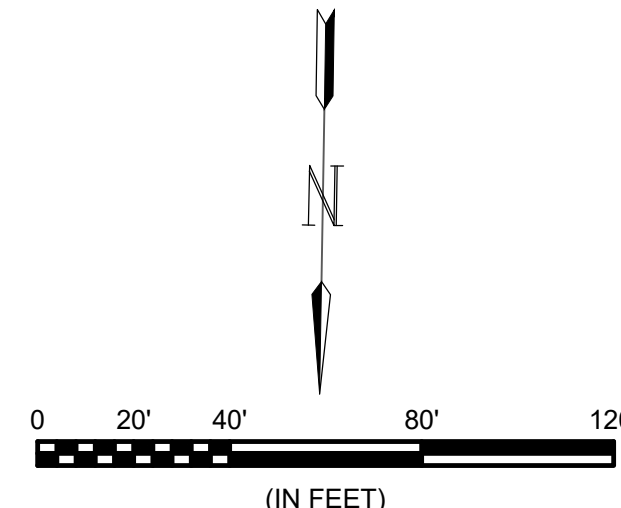
Note:
 Contractor shall not damage existing fence bordering the unplatted property owned by Treadwell de Voe & Theaa.



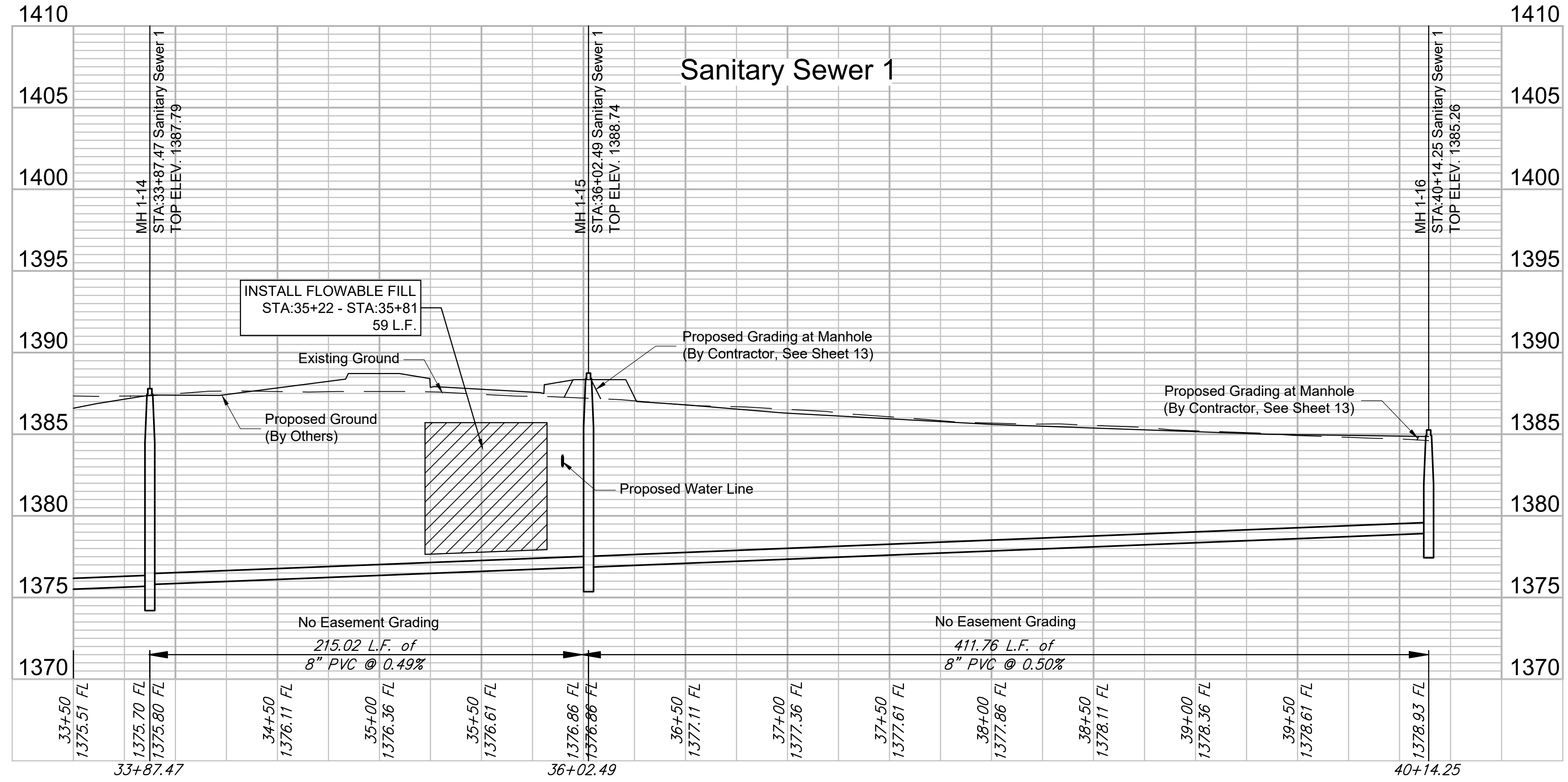
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Owner:
Treadwell de Voe & Theaa



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REV.	DATE	DESCRIPTION	BY
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CITY OF WICHITA
 WICHITA, KANSAS
 CEDAR CREEK ADD,
 PHASE 1 - SANITARY

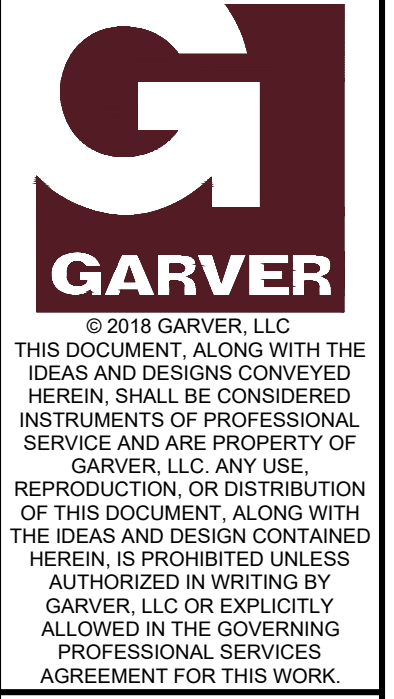
Sanitary Sewer Line 1

JOB NO.: 18266039
 DATE: February 2019
 DESIGNED BY: CMB
 DRAWN BY: CDJ

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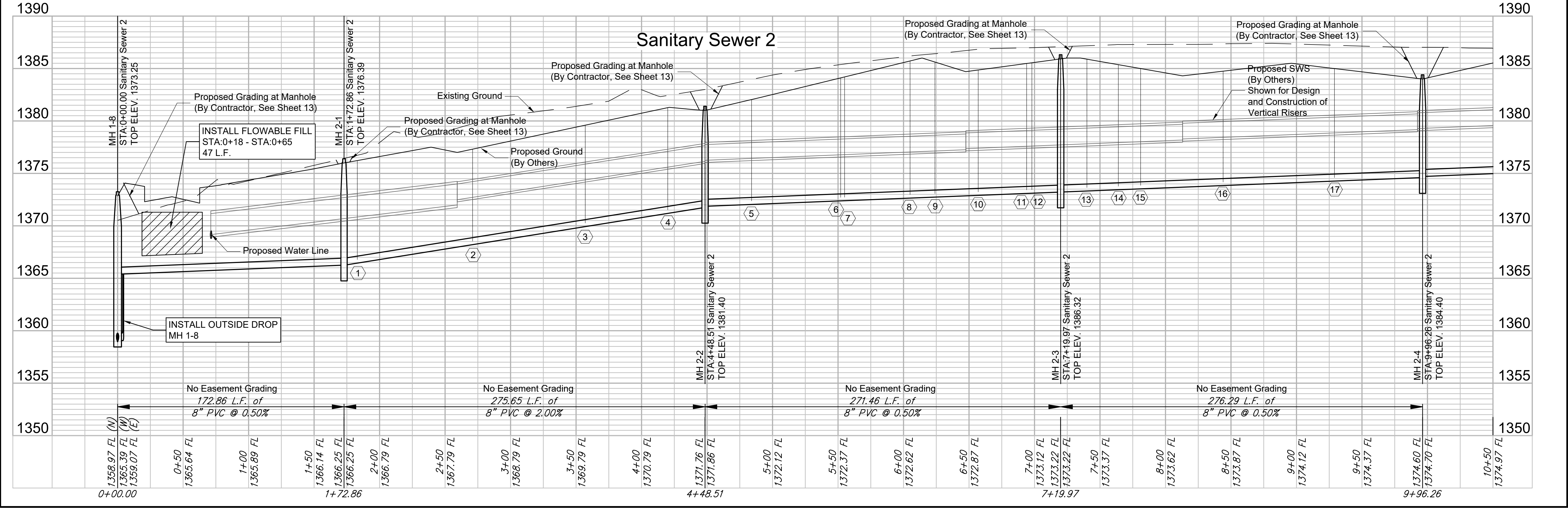
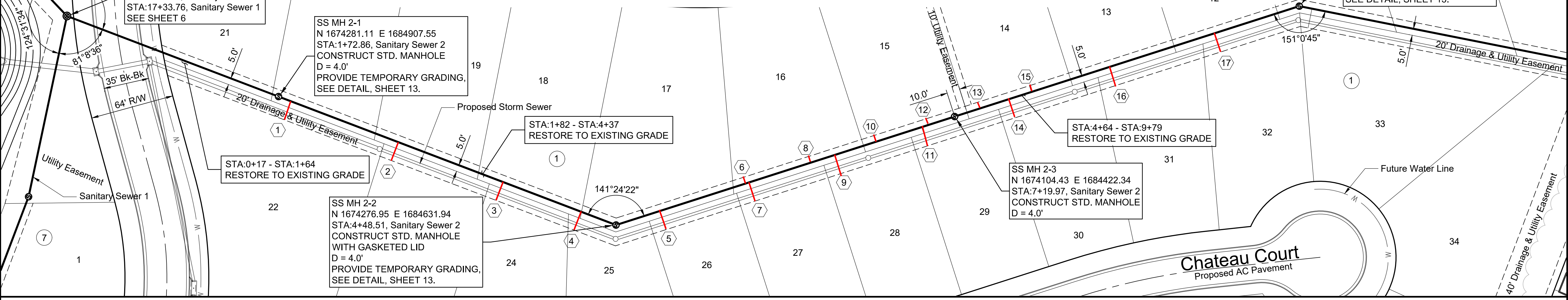
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DISTANCE FROM MAIN TO RISER (LT./RT.)	DISTANCE FROM		SANITARY SEWER RISER TABLE							FOR INFORMATION ONLY	
	USMH	DSMH	NUMBER	TYPE	LOCATION			STATION	DIRECTION	VERTICAL (FT)	HORIZONTAL (FT)
15' Rt.	272'	11'	1	8" x 4" Tee	22	1	2	1+83	Right	9.4	15.0
15' Rt.	177'	99'	2	8" x 4" Tee	23	1	2	2+71	Right	8.8	15.0
15' Rt.	97'	185'	3	8" x 4" Tee	24	1	2	3+57	Right	9.3	15.0
15' Rt.	28'	248'	4	8" x 4" Tee	25	1	2	4+20	Right	9.7	15.0
15' Rt.	235'	36'	5	8" x 4" Tee	26	1	2	4+84	Right	9.7	15.0
5' Lt.	167'	104'	6	8" x 4" Tee	16	1	2	5+52	Left	11.4	5.0
15' Rt.	164'	107'	7	8" x 4" Tee	27	1	2	5+55	Right	11.4	15.0
5' Lt.	115'	157'	8	8" x 4" Tee	16	1	2	6+05	Left	12.7	5.0
15' Rt.	96'	176'	9	8" x 4" Tee	28	1	2	6+24	Right	12.6	15.0

NUMBER	TYPE	LOCATION			STATION	DIRECTION	FOR INFORMATION ONLY		DISTANCE FROM MAIN TO RISER (LT./RT.)	DISTANCE FROM	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)		USMH	DSMH
10	8" x 4" Tee	15	1	2	6+57	Left	11.6	5.0	5' Lt.	63'	209'
11	8" x 4" Tee	29	1	2	6+94	Right	12.1	15.0	15' Rt.	26'	246'
12	8" x 4" Tee	15	1	2	6+98	Left	12.1	5.0	5' Lt.	22'	250'
13	8" x 4" Tee	14	1	2	7+40	Left	12.2	5.0	5' Lt.	256'	20'
14	8" x 4" Tee	30	1	2	7+64	Right	11.6	15.0	15' Rt.	232'	44'
15	8" x 4" Tee	14	1	2	7+81	Left	11.1	5.0	5' Lt.	215'	61'
16	8" x 4" Tee	31	1	2	8+44	Right	10.6	15.0	15' Rt.	152'	124'
17	8" x 4" Tee	32	1	2	9+29	Right	10.4	15.0	15' Rt.	70'	206'



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REV.	DATE	DESCRIPTION	BY



CITY OF WICHITA
 WICHITA, KANSAS
 CEDAR CREEK ADD,
 PHASE 1 - SANITARY

Sanitary Sewer
 Line 2

JOB NO.: 18266039
 DATE: February 2019
 DESIGNED BY: CMB
 DRAWN BY: CDJ

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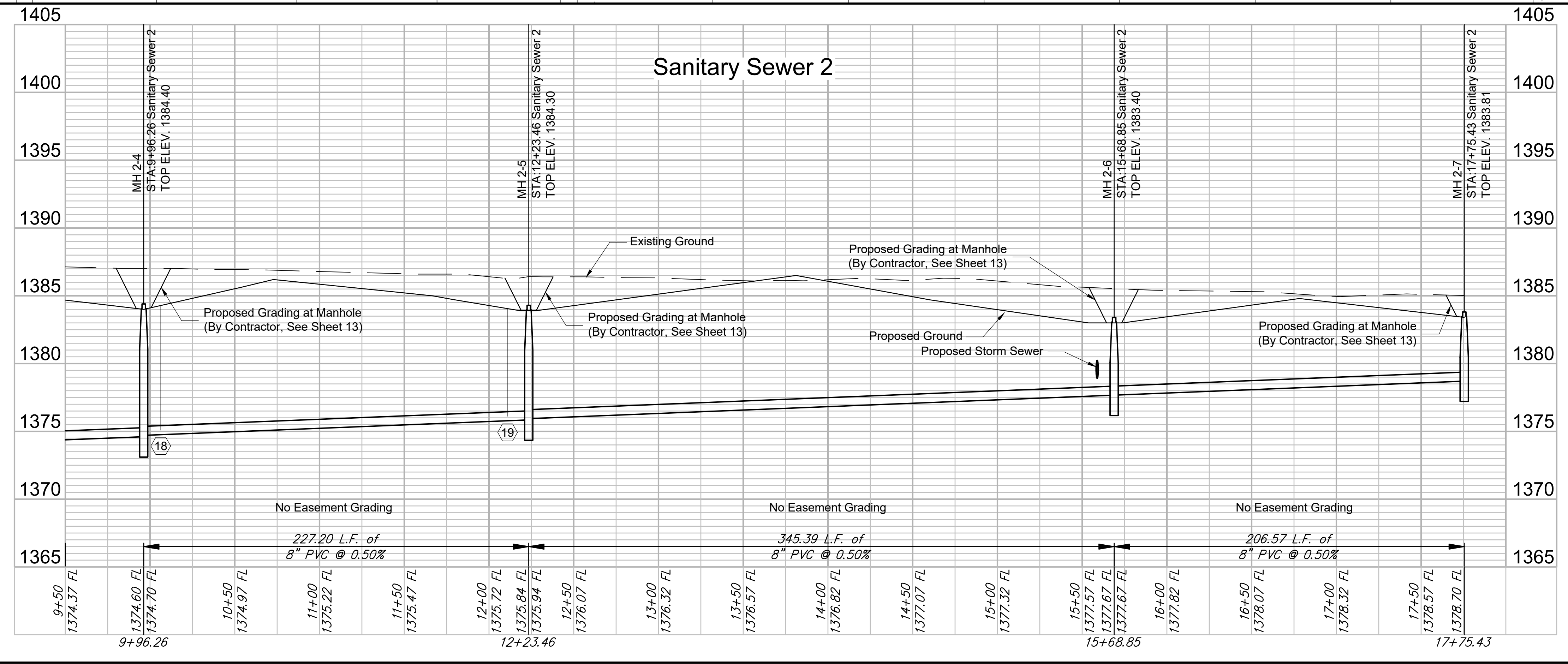
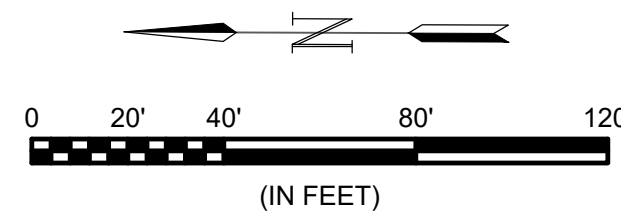
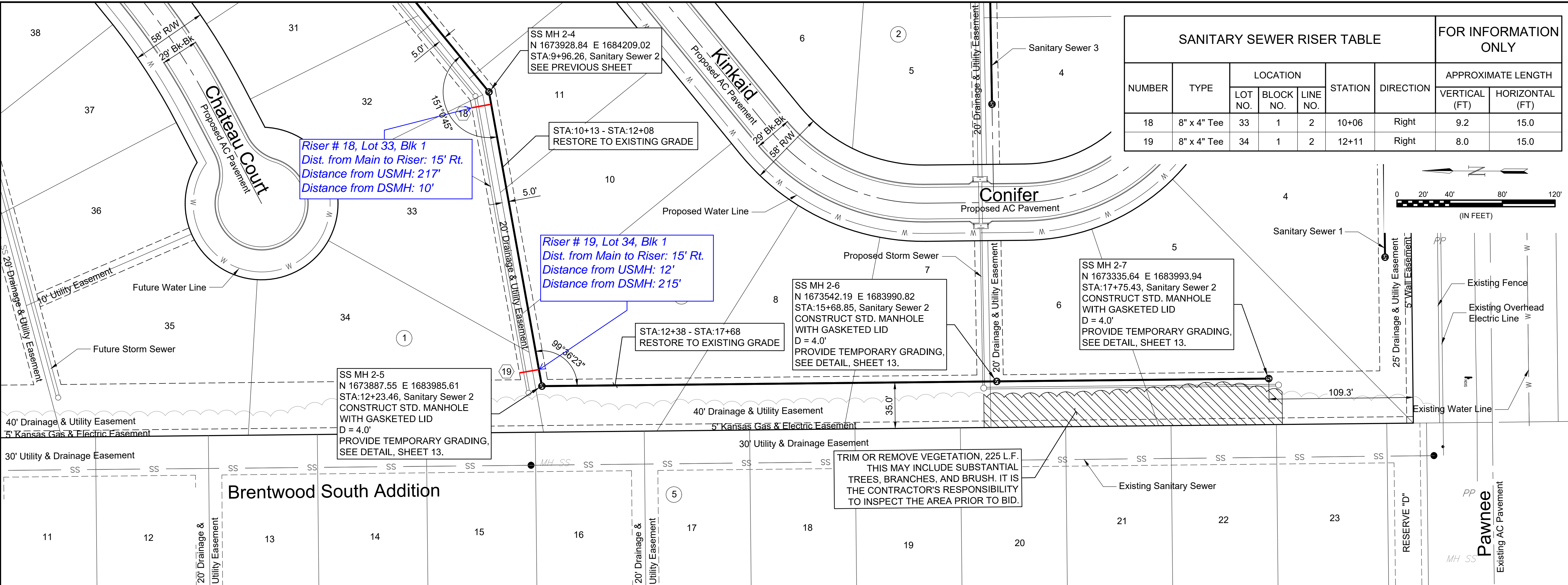
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SHEET NUMBER **10** OF **23**



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SANITARY SEWER RISER TABLE							FOR INFORMATION ONLY	
NUMBER	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)
18	8" x 4" Tee	33	1	2	10+06	Right	9.2	15.0
19	8" x 4" Tee	34	1	2	12+11	Right	8.0	15.0



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BY	DESCRIPTION	DATE	REV.



CITY OF WICHITA
 WICHITA, KANSAS
 CEDAR CREEK ADD,
 PHASE 1 - SANITARY

Sanitary Sewer
 Line 2

JOB NO.: 18266039
 DATE: February 2019
 DESIGNED BY: CMB
 DRAWN BY: CDJ

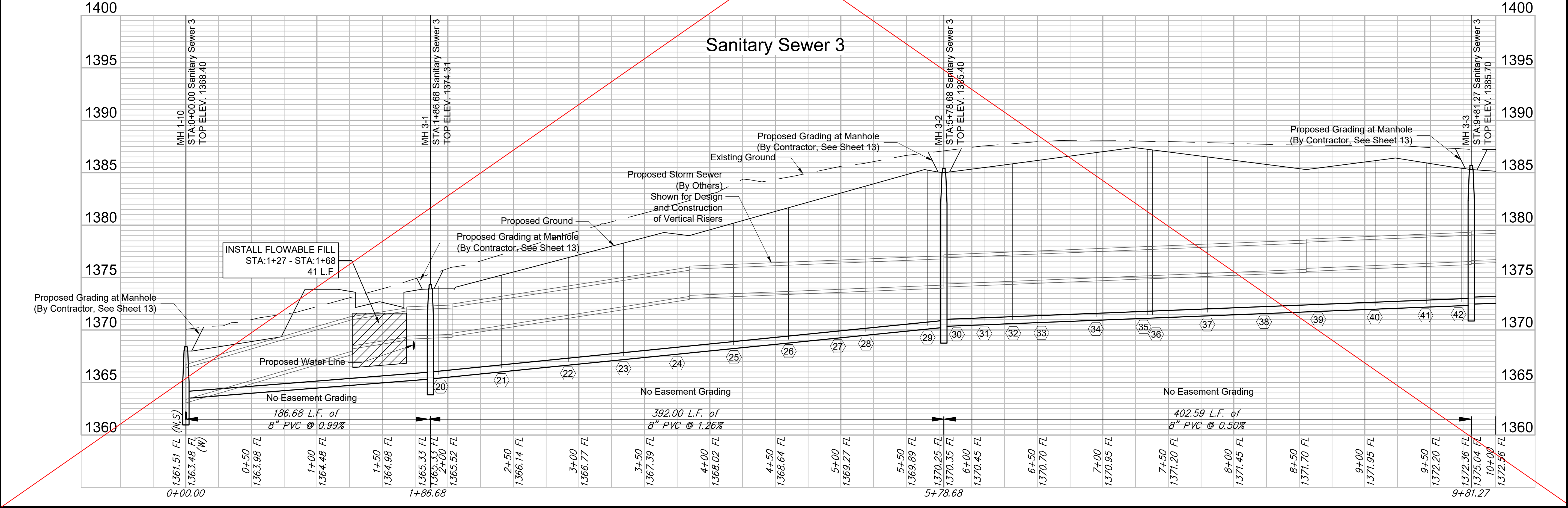
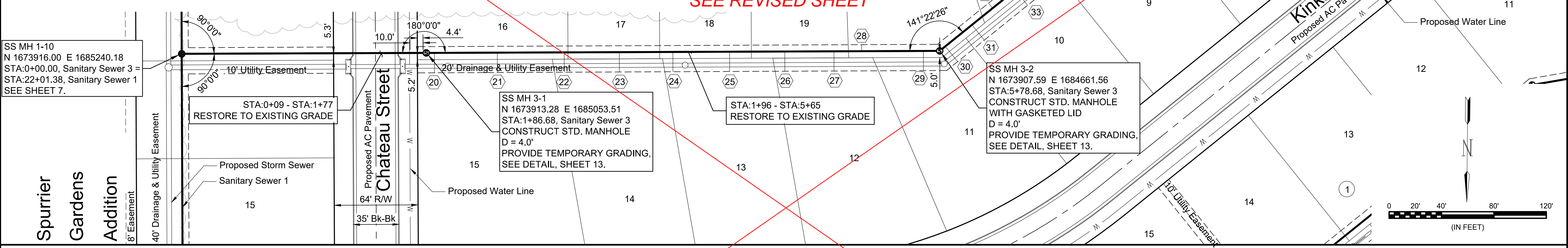
BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER

SHEET NUMBER **11** OF **23**

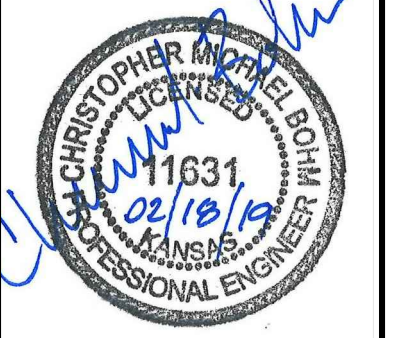
SANITARY SEWER RISER TABLE							FOR INFORMATION ONLY	
NUMBER	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)
20	8" x 4" Tee	15	2	3	1+93	Right	8.4	15.0
21	8" x 4" Tee	15	2	3	2+41	Right	8.9	15.0
22	8" x 4" Tee	14	2	3	2+92	Right	9.9	15.0
23	8" x 4" Tee	14	2	3	3+34	Right	10.8	15.0
24	8" x 4" Tee	13	2	3	3+75	Right	11.1	15.0
25	8" x 4" Tee	13	2	3	4+18	Right	11.6	15.0
26	8" x 4" Tee	12	2	3	4+60	Right	12.5	15.0
27	8" x 4" Tee	12	2	3	4+98	Right	13.4	15.0
28	8" x 4" Tee	20	2	3	5+19	Left	13.9	5.0
29	8" x 4" Tee	11	2	3	5+66	Right	14.9	15.0
30	8" x 4" Tee	11	2	3	5+84	Right	14.4	15.0
31	8" x 4" Tee	10	2	3	6+10	Right	14.6	15.0

SANITARY SEWER RISER TABLE							FOR INFORMATION ONLY	
NUMBER	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)
32	8" x 4" Tee	21	2	3	6+31	Left	14.9	5.0
33	8" x 4" Tee	10	2	3	6+53	Right	15.1	15.0
34	8" x 4" Tee	9	2	3	6+95	Right	15.6	15.0
35	8" x 4" Tee	22	2	3	7+34	Left	15.8	5.0
36	8" x 4" Tee	9	2	3	7+38	Right	15.6	15.0
37	8" x 4" Tee	8	2	3	7+80	Right	14.8	15.0
38	8" x 4" Tee	15	2	3	8+23	Right	13.9	15.0
39	8" x 4" Tee	15	2	3	8+65	Right	13.4	15.0
40	8" x 4" Tee	14	2	3	9+08	Right	13.9	15.0
41	8" x 4" Tee	14	2	3	9+47	Right	13.4	15.0
42	8" x 4" Tee	13	2	3	9+74	Right	12.8	15.0






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BY	CDJ			
DESCRIPTION	Adjusted SS MH 3-1 to be 10' from the WL.			
DATE	02/19/19			
REV.	1			



CITY OF WICHITA
WICHITA, KANSAS

CEDAR CREEK ADD.
PHASE 1 - SANITARY

Sanitary Sewer Line 3

JOB NO.: 18266039
DATE: February 2019
DESIGNED BY: CMB
DRAWN BY: CDJ

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DRAWING NUMBER

SHEET NUMBER **12** OF **23**

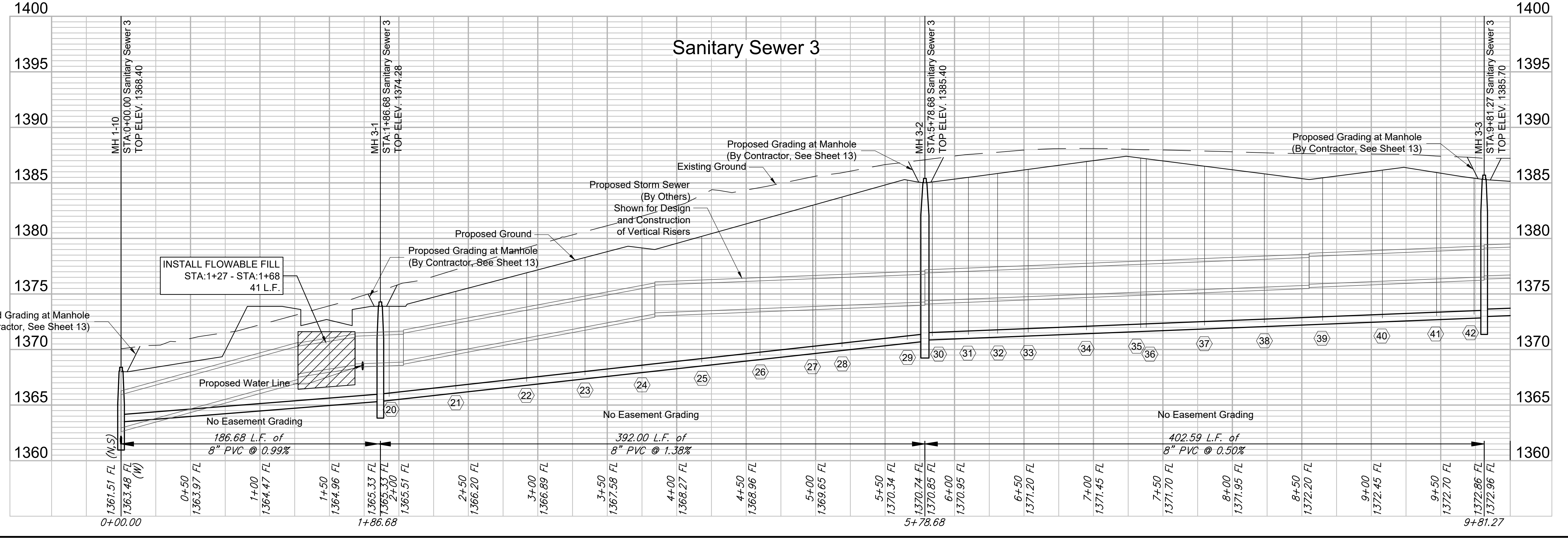
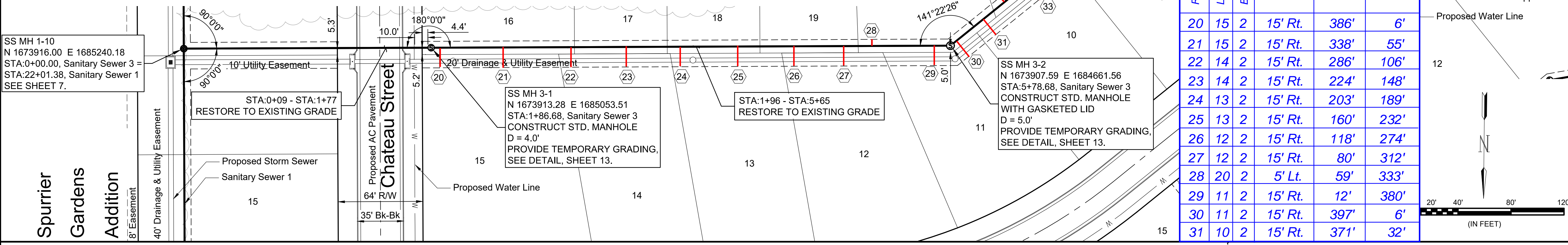
File: L:\2018\18266039 - Cedar Creek Phase 1\Drawings\C3D\Sanitary Sewer 3 - (1).dwg Last Save: 2/19/2019 1:20 PM Last saved by: CDJurey
 Last plotted by: Jurey, Caleb D. Plot Style: --- Plot Scale: 1:2.5849 Plot Date: 2/19/2019 1:22 PM Plotter Used: None

SANITARY SEWER RISER TABLE						FOR INFORMATION ONLY		
NUMBER	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)
20	8" x 4" Tee	15	2	3	1+93	Right	8.1	15.0
21	8" x 4" Tee	15	2	3	2+41	Right	8.8	15.0
22	8" x 4" Tee	14	2	3	2+92	Right	9.8	15.0
23	8" x 4" Tee	14	2	3	3+34	Right	10.6	15.0
24	8" x 4" Tee	13	2	3	3+75	Right	10.9	15.0
25	8" x 4" Tee	13	2	3	4+18	Right	11.3	15.0
26	8" x 4" Tee	12	2	3	4+60	Right	12.2	15.0
27	8" x 4" Tee	12	2	3	4+98	Right	13.0	15.0
28	8" x 4" Tee	20	2	3	5+19	Left	13.5	5.0
29	8" x 4" Tee	11	2	3	5+66	Right	14.4	15.0
30	8" x 4" Tee	11	2	3	5+84	Right	13.9	15.0
31	8" x 4" Tee	10	2	3	6+10	Right	14.2	15.0

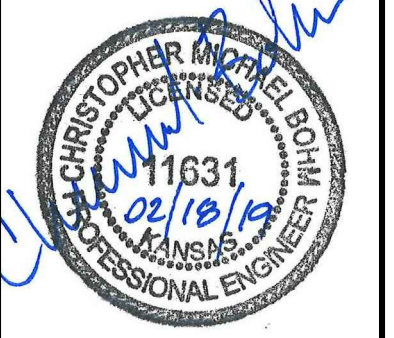
SANITARY SEWER RISER TABLE						FOR INFORMATION ONLY		
NUMBER	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)
32	8" x 4" Tee	21	2	3	6+31	Left	14.4	5.0
33	8" x 4" Tee	10	2	3	6+53	Right	14.7	15.0
34	8" x 4" Tee	9	2	3	6+95	Right	15.2	15.0
35	8" x 4" Tee	22	2	3	7+34	Left	15.3	5.0
36	8" x 4" Tee	9	2	3	7+38	Right	15.2	15.0
37	8" x 4" Tee	8	2	3	7+80	Right	14.3	15.0
38	8" x 4" Tee	15	2	3	8+23	Right	13.4	15.0
39	8" x 4" Tee	15	2	3	8+65	Right	12.8	15.0
40	8" x 4" Tee	14	2	3	9+08	Right	13.3	15.0
41	8" x 4" Tee	14	2	3	9+47	Right	12.9	15.0
42	8" x 4" Tee	13	2	3	9+74	Right	12.3	15.0

DISTANCE FROM MAIN TO RISER (L.T./RT.)	DISTANCE FROM	
	USMH	DSMH
5' Lt.	350'	53'
15' Rt.	328'	75'
15' Rt.	286'	117'
5' Lt.	247'	156'
15' Rt.	243'	160'
15' Rt.	201'	202'
15' Rt.	158'	245'
15' Rt.	116'	287'
15' Rt.	73'	330'
15' Rt.	34'	369'
15' Rt.	7'	396'

RISER NUMBER	LOT NUMBER	BLOCK NUMBER	DISTANCE FROM MAIN TO RISER (L.T./RT.)	DISTANCE FROM	
				USMH	DSMH
20	15	2	15' Rt.	386'	6'
21	15	2	15' Rt.	338'	55'
22	14	2	15' Rt.	286'	106'
23	14	2	15' Rt.	224'	148'
24	13	2	15' Rt.	203'	189'
25	13	2	15' Rt.	160'	232'
26	12	2	15' Rt.	118'	274'
27	12	2	15' Rt.	80'	312'
28	20	2	5' Lt.	59'	333'
29	11	2	15' Rt.	12'	380'
30	11	2	15' Rt.	397'	6'
31	10	2	15' Rt.	371'	32'



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REV. 3-6-19

REV.	DATE	DESCRIPTION	BY
1	02/19/19	Adjusted SS MH 3-1 to be 10' from the W.L.	CDJ
1	03/18/19	Adjusted SS Flowlines and Riser Depths	KWL



CITY OF WICHITA
 WICHITA, KANSAS
 CEDAR CREEK ADD.
 PHASE 1 - SANITARY

Sanitary Sewer Line 3

JOB NO.: 18266039
 DATE: February 2019
 DESIGNED BY: CMB
 DRAWN BY: CDJ
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.
 DRAWING NUMBER
 SHEET NUMBER **12** OF **23**

File: L:\2018\18266039 - Cedar Creek Phase 1\Drawings\C3D\Sanitary Sewer 3 - (1).dwg Last Save: 3/18/2019 9:35 AM Last saved by: CDJ
 Last plotted by: Jurey, Caleb D. Plot Date: 3/18/2019 9:52 AM Plotter used: None

REV.	DATE	DESCRIPTION	BY



CITY OF WICHITA
WICHITA, KANSAS

CEDAR CREEK ADD.
PHASE 1 - SANITARY

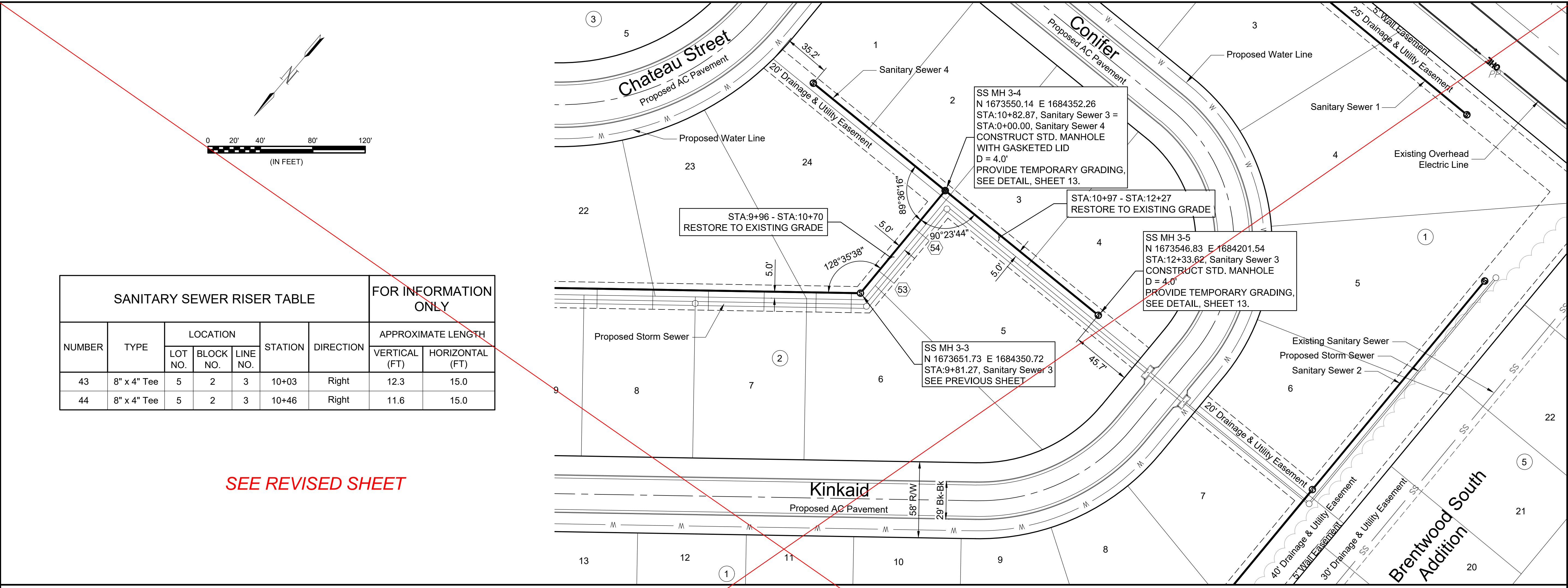
Sanitary Sewer Line 3

JOB NO.: 18266039
DATE: February 2019
DESIGNED BY: CMB
DRAWN BY: CDJ

BAR IS ONE INCH ON ORIGINAL DRAWING
0" = 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

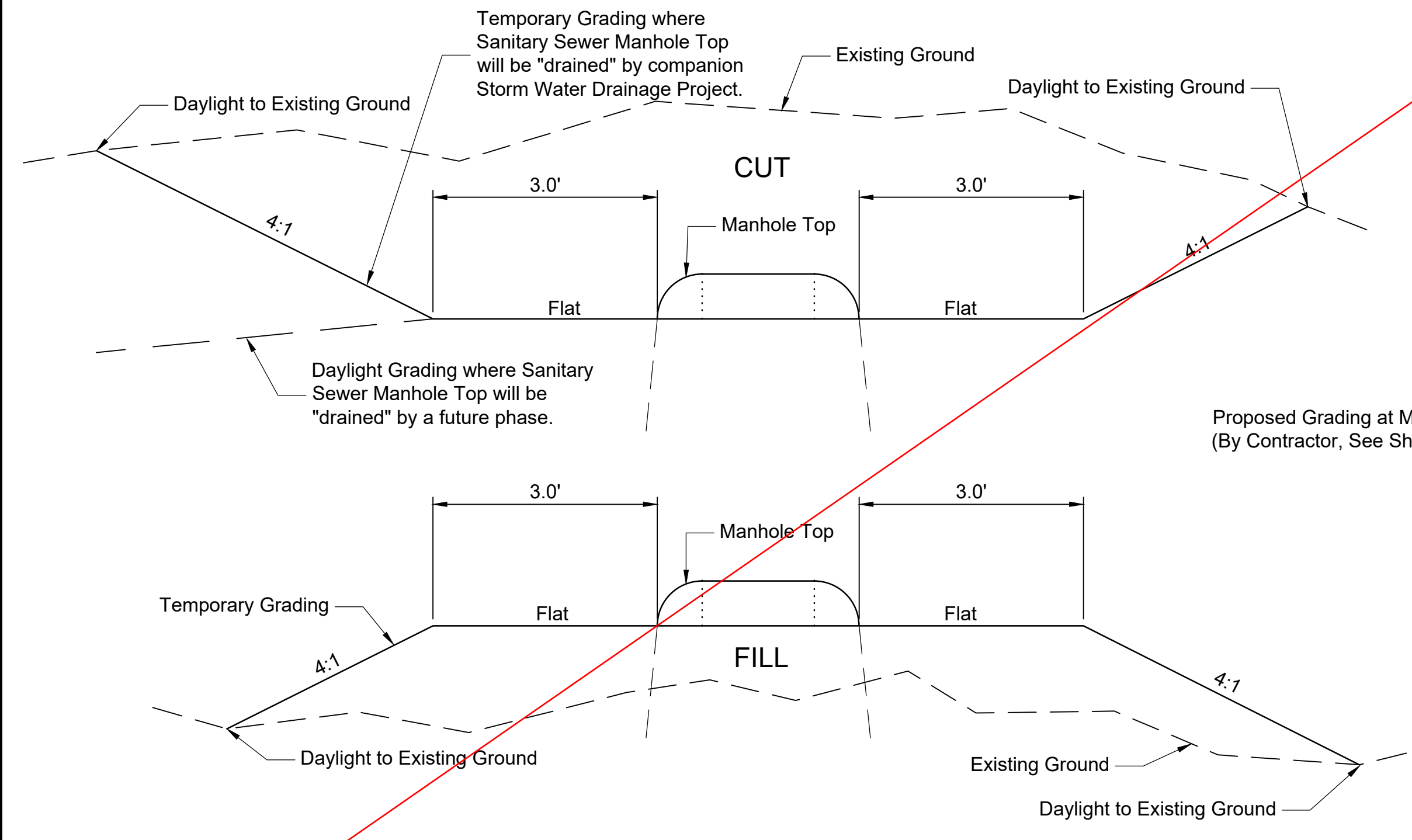
DRAWING NUMBER

SHEET NUMBER **13** OF **23**



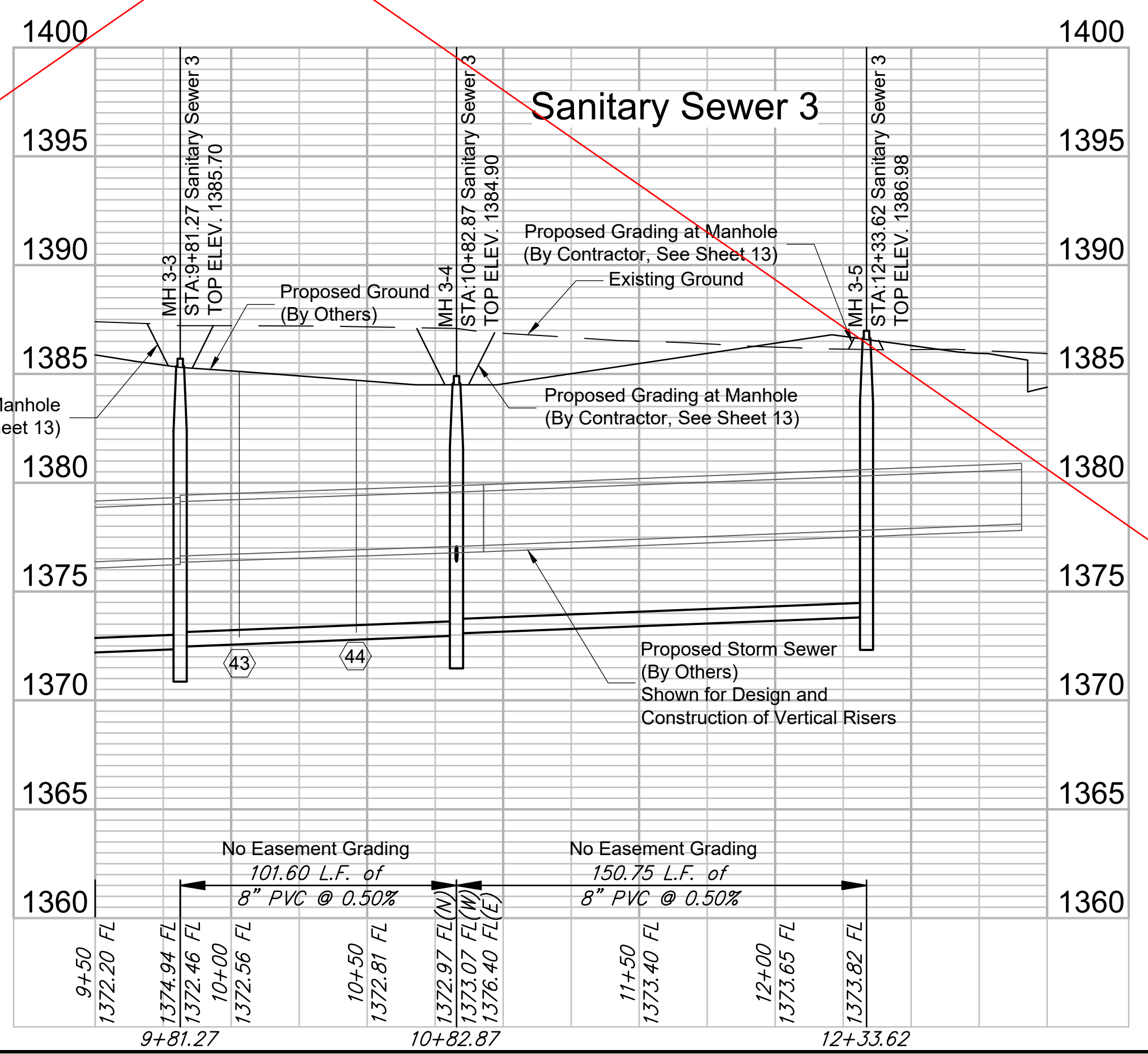
SANITARY SEWER RISER TABLE							FOR INFORMATION ONLY	
NUMBER	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)
43	8" x 4" Tee	5	2	3	10+03	Right	12.3	15.0
44	8" x 4" Tee	5	2	3	10+46	Right	11.6	15.0

SEE REVISED SHEET

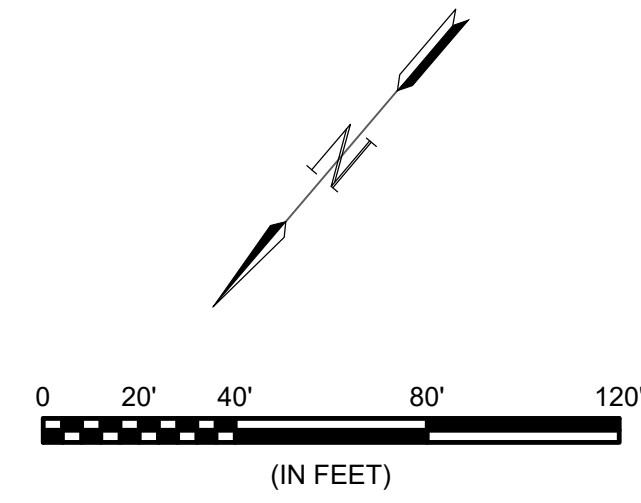


Note:
The cost for Temporary Grading around Manholes is subsidiary to the bid item "Temporary Grading, C.Y."

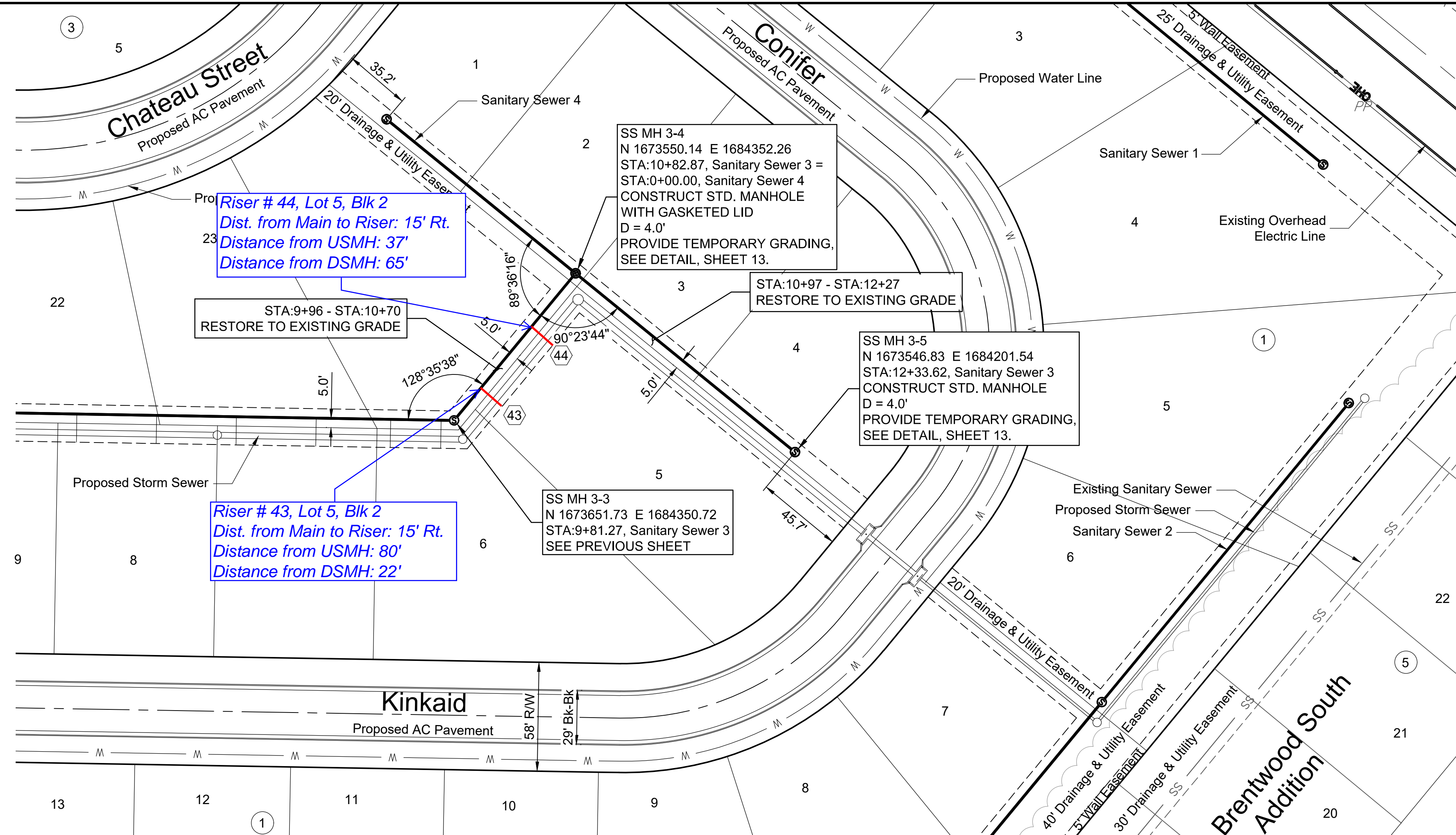
TYPICAL SECTION FOR TEMPORARY GRADING AROUND MANHOLES
Not to Scale



File: L:\2018\18266039 - Cedar Creek Phase 1\Drawings\C3D\SANITARY\SANITARY Sewer 3 - (2).dwg Last Save: 2/18/2019 10:53 AM Last saved by: CDJurey
 Last plotted by: Jurey, Caleb D. Plot Style: --- Plot Scale: 1:2,584.9 Plot Date: 2/18/2019 3:06 PM Plotter used: None



SANITARY SEWER RISER TABLE							FOR INFORMATION ONLY	
NUMBER	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)
43	8" x 4" Tee	5	2	3	10+03	Right	11.7	15.0
44	8" x 4" Tee	5	2	3	10+46	Right	11.1	15.0



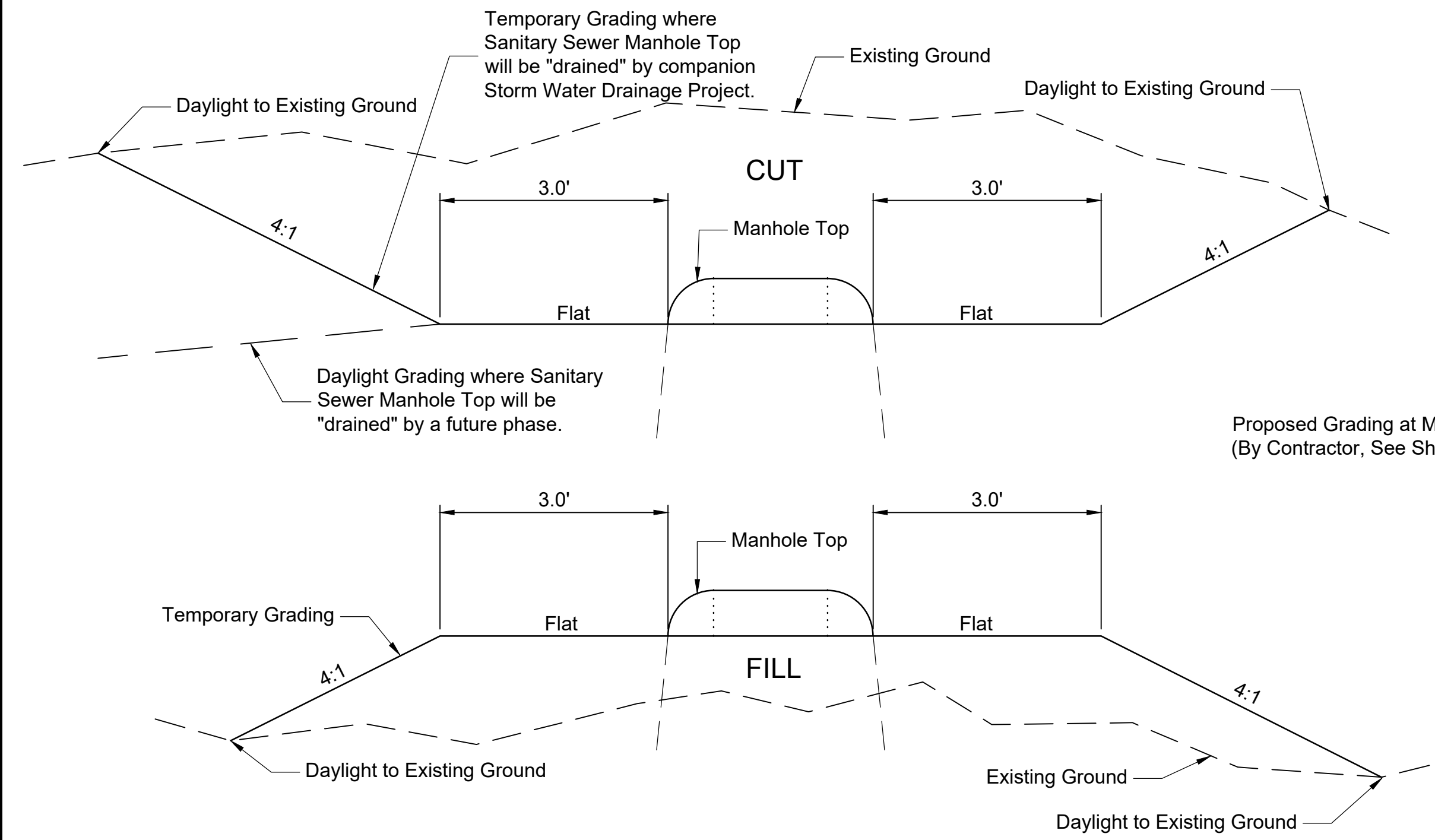
Riser # 44, Lot 5, Blk 2
 Dist. from Main to Riser: 15' Rt.
 Distance from USMH: 37'
 Distance from DSMH: 65'

Riser # 43, Lot 5, Blk 2
 Dist. from Main to Riser: 15' Rt.
 Distance from USMH: 80'
 Distance from DSMH: 22'

SS MH 3-4
 N 1673550.14 E 1684352.26
 STA:10+82.87, Sanitary Sewer 3 =
 STA:0+00.00, Sanitary Sewer 4
 CONSTRUCT STD. MANHOLE
 WITH GASKETED LID
 D = 4.0'
 PROVIDE TEMPORARY GRADING,
 SEE DETAIL, SHEET 13.

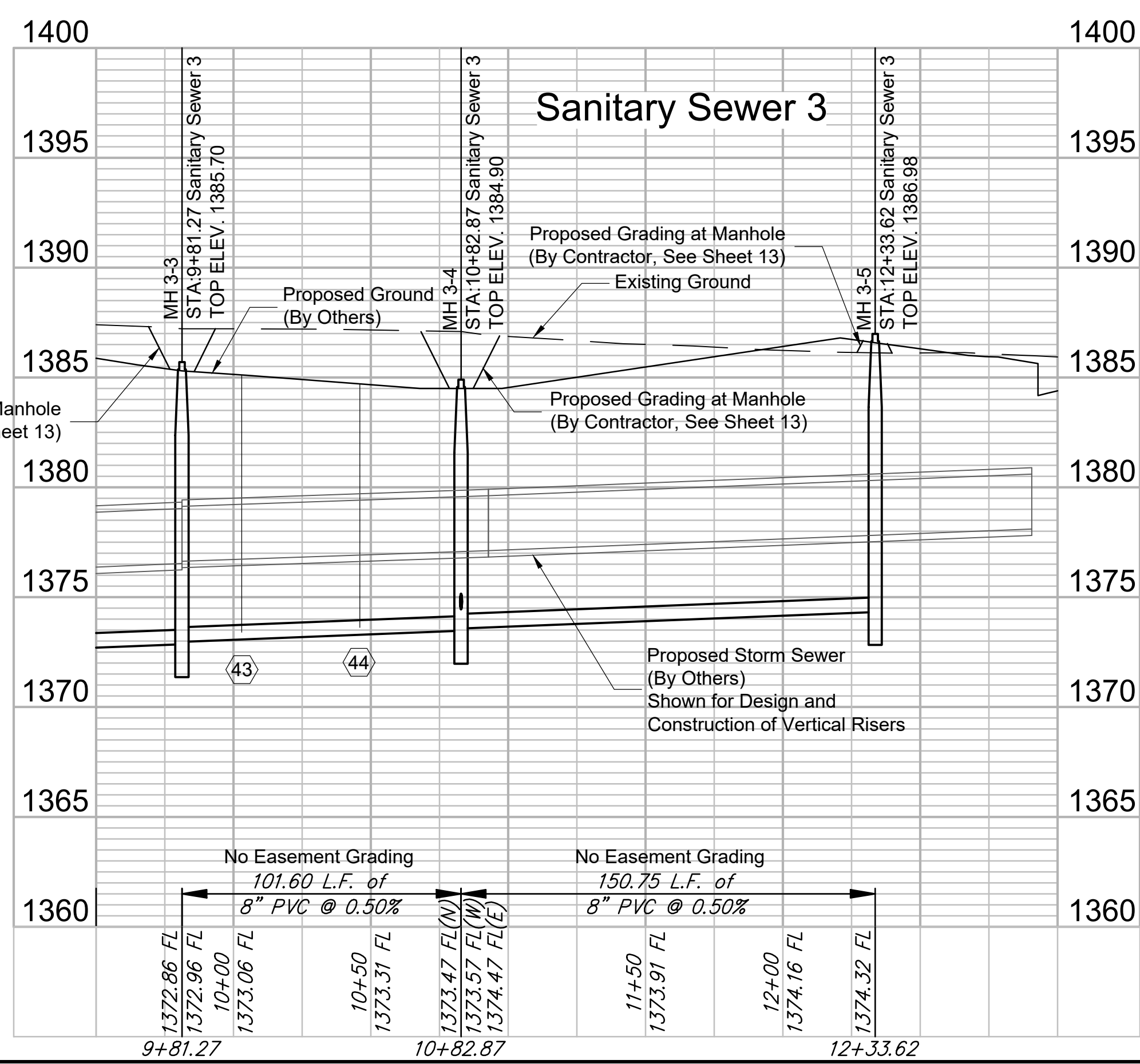
SS MH 3-5
 N 1673546.83 E 1684201.54
 STA:12+33.62, Sanitary Sewer 3
 CONSTRUCT STD. MANHOLE
 D = 4.0'
 PROVIDE TEMPORARY GRADING,
 SEE DETAIL, SHEET 13.

SS MH 3-3
 N 1673651.73 E 1684350.72
 STA:9+81.27, Sanitary Sewer 3
 SEE PREVIOUS SHEET

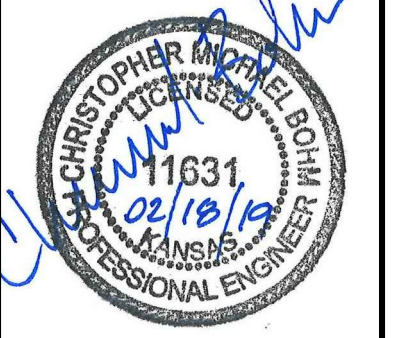


Note:
 The cost for Temporary Grading
 around Manholes is subsidiary to the
 bid item "Temporary Grading, C.Y."

TYPICAL SECTION FOR
 TEMPORARY GRADING
 AROUND MANHOLES
 Not to Scale



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REV. 3-6-19

REV.	DATE	DESCRIPTION	BY
1	03/18/19	Adjusted SS Flowlines and Riser Depths	KWL



CITY OF WICHITA
 WICHITA, KANSAS
 CEDAR CREEK ADD.
 PHASE 1 - SANITARY

Sanitary Sewer
 Line 3

JOB NO.: 18266039
 DATE: February 2019
 DESIGNED BY: CMB
 DRAWN BY: CDJ

BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1" IF NOT ONE INCH ON THIS SHEET,
 ADJUST SCALES ACCORDINGLY.

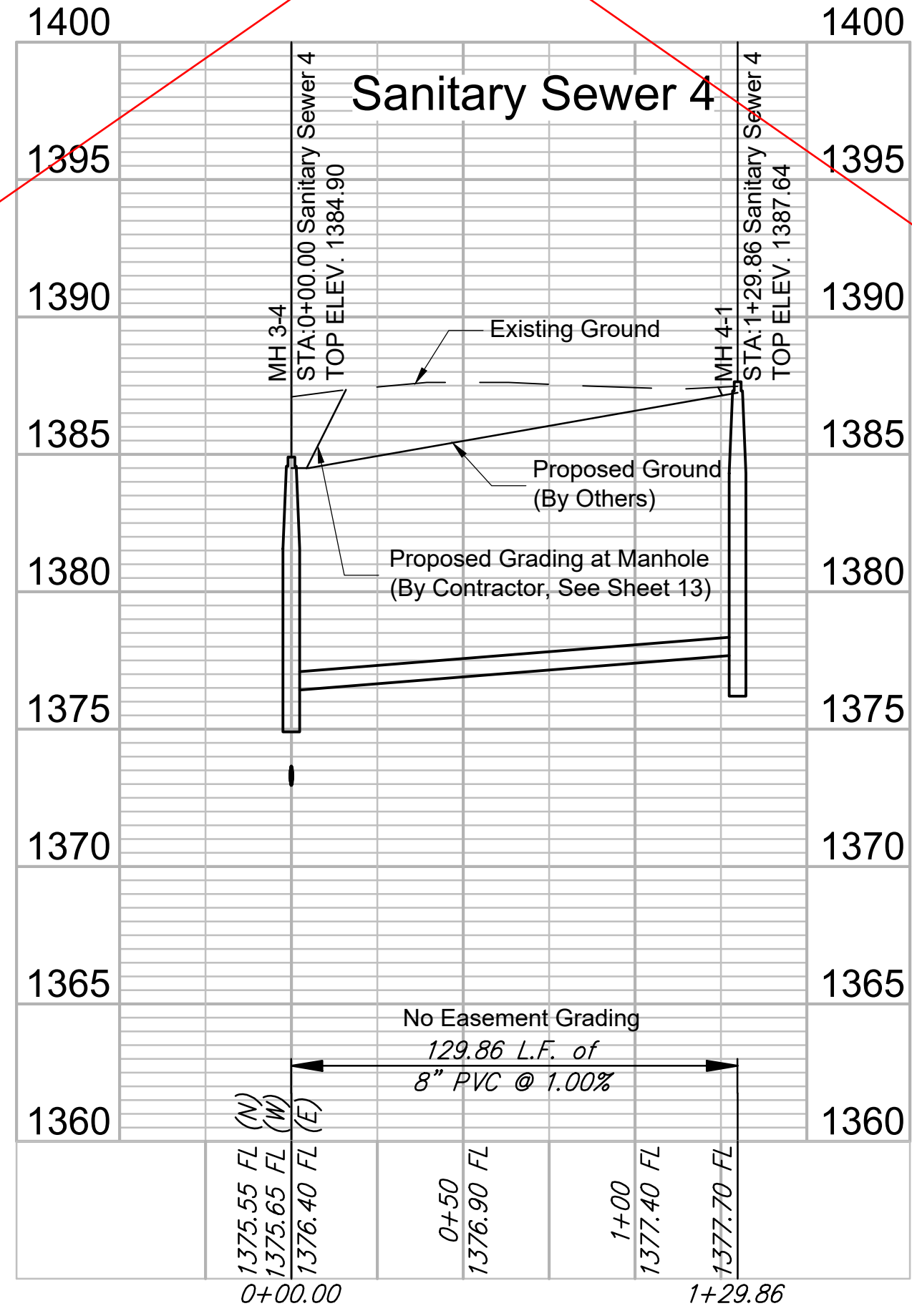
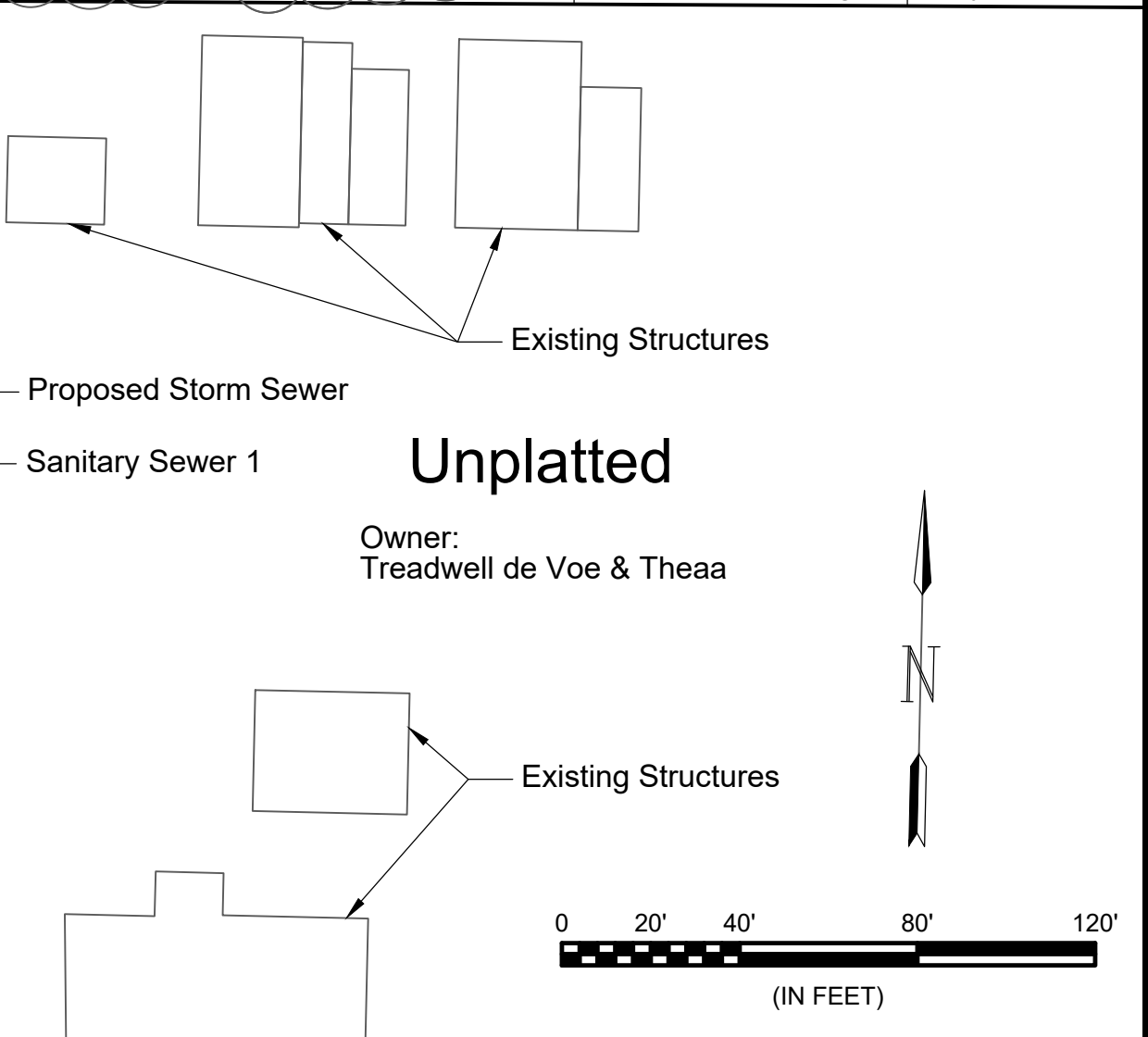
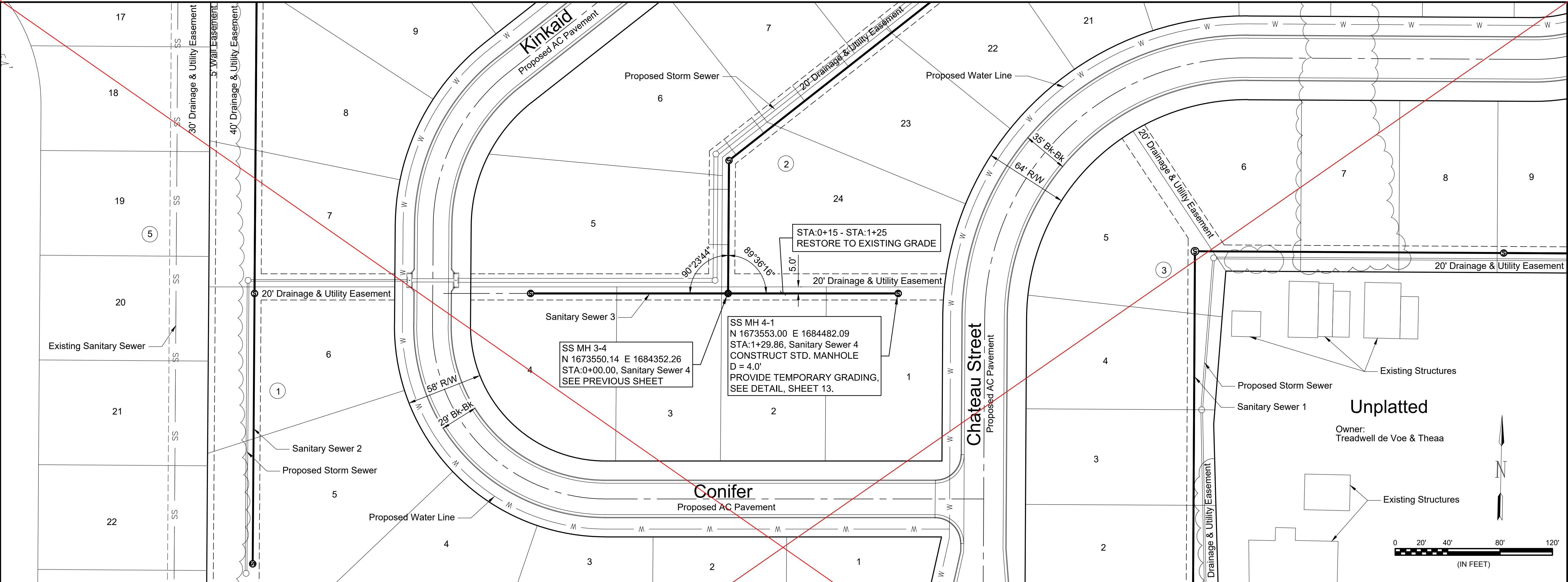
DRAWING NUMBER

SHEET NUMBER **13** OF **23**

File: L:\2018\18266039 - Cedar Creek Phase 1\Drawings\C3D\SANITARY\SANITARY Sewer 3 - (2).dwg Last Save: 3/18/2019 9:44 AM Last saved by: CDJurely
 Last plotted by: Jurely, Caleb D. Plot Style: --- Plot Scale: 1:2.5849 Plot Date: 3/18/2019 9:59 AM Plotter used: None



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SEE REVISED SHEET

File: L:\2018\18266039 - Cedar Creek Phase 1\Drawings\CD\Sanitary\Sanitary Sewer 4 - (1).dwg Last Save: 2/18/2019 10:52 AM Last saved by: CDJurey
 Last plotted by: Jurey, Caleb D. Plot Style: --- Plot Scale: 1:2.5849 Plot Date: 2/18/2019 3:07 PM Plotter used: None

REV.	DATE	DESCRIPTION	BY



CITY OF WICHITA
 WICHITA, KANSAS
 CEDAR CREEK ADD.
 PHASE 1 - SANITARY

Sanitary Sewer Line 4

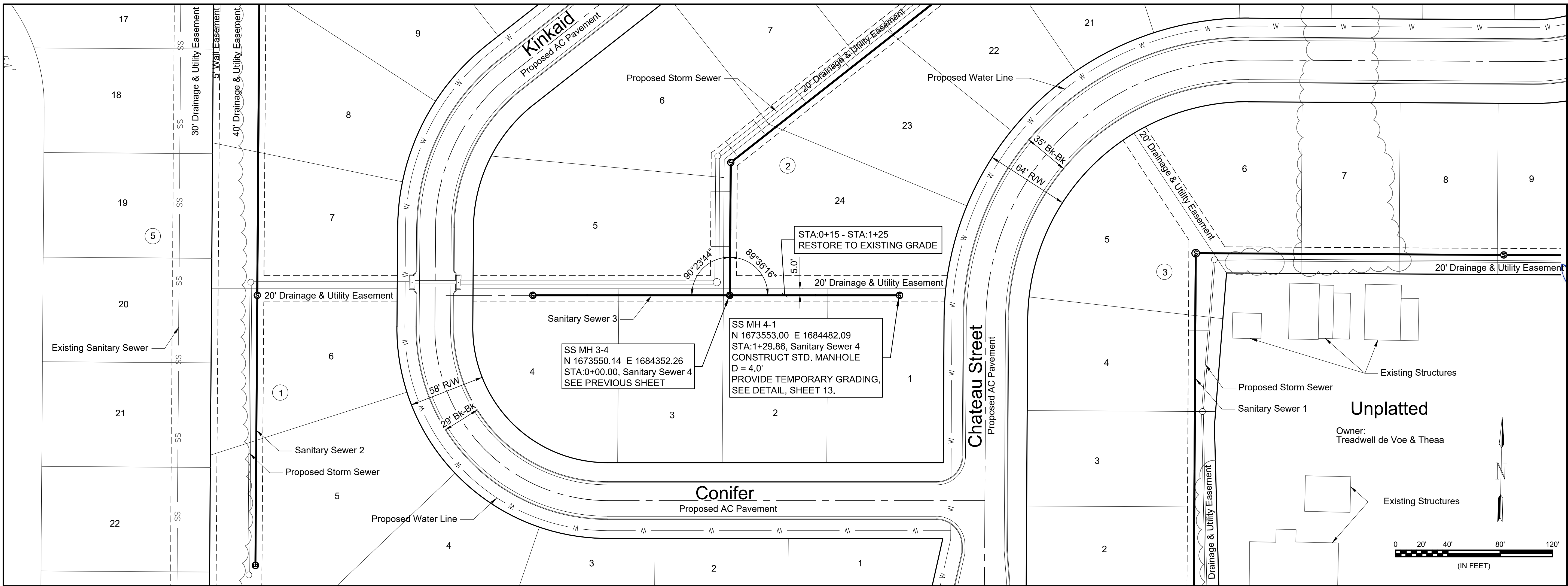
JOB NO.: 18266039
 DATE: February 2019
 DESIGNED BY: CMB
 DRAWN BY: CDJ

BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

SHEET NUMBER 14 OF 23

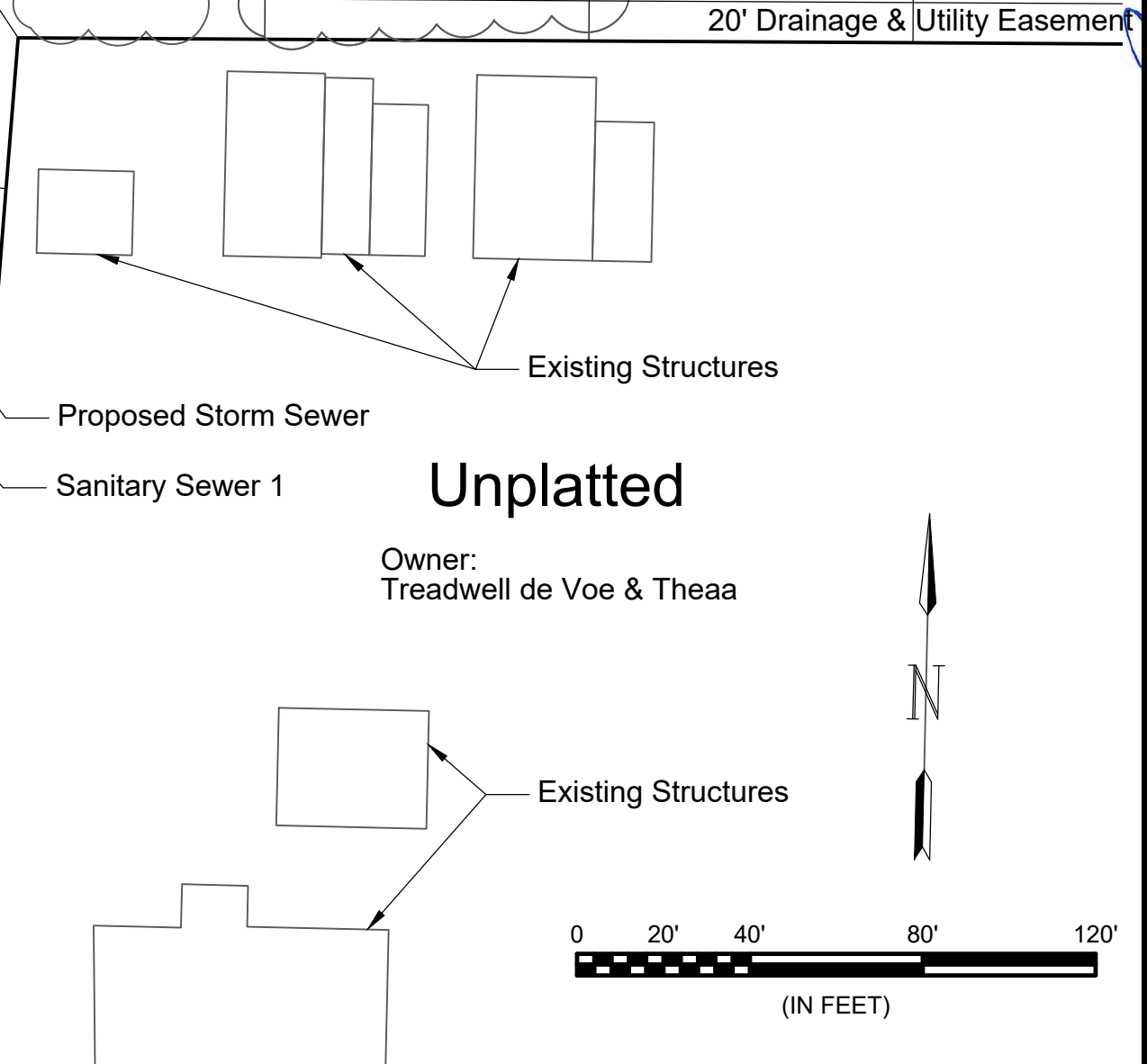
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 Last plotted by: Jurey, Caleb D. Plot Style: --- Plot Scale: 1:2,584.9 Plot Date: 3/18/2019 10:02 AM Plotter used: None



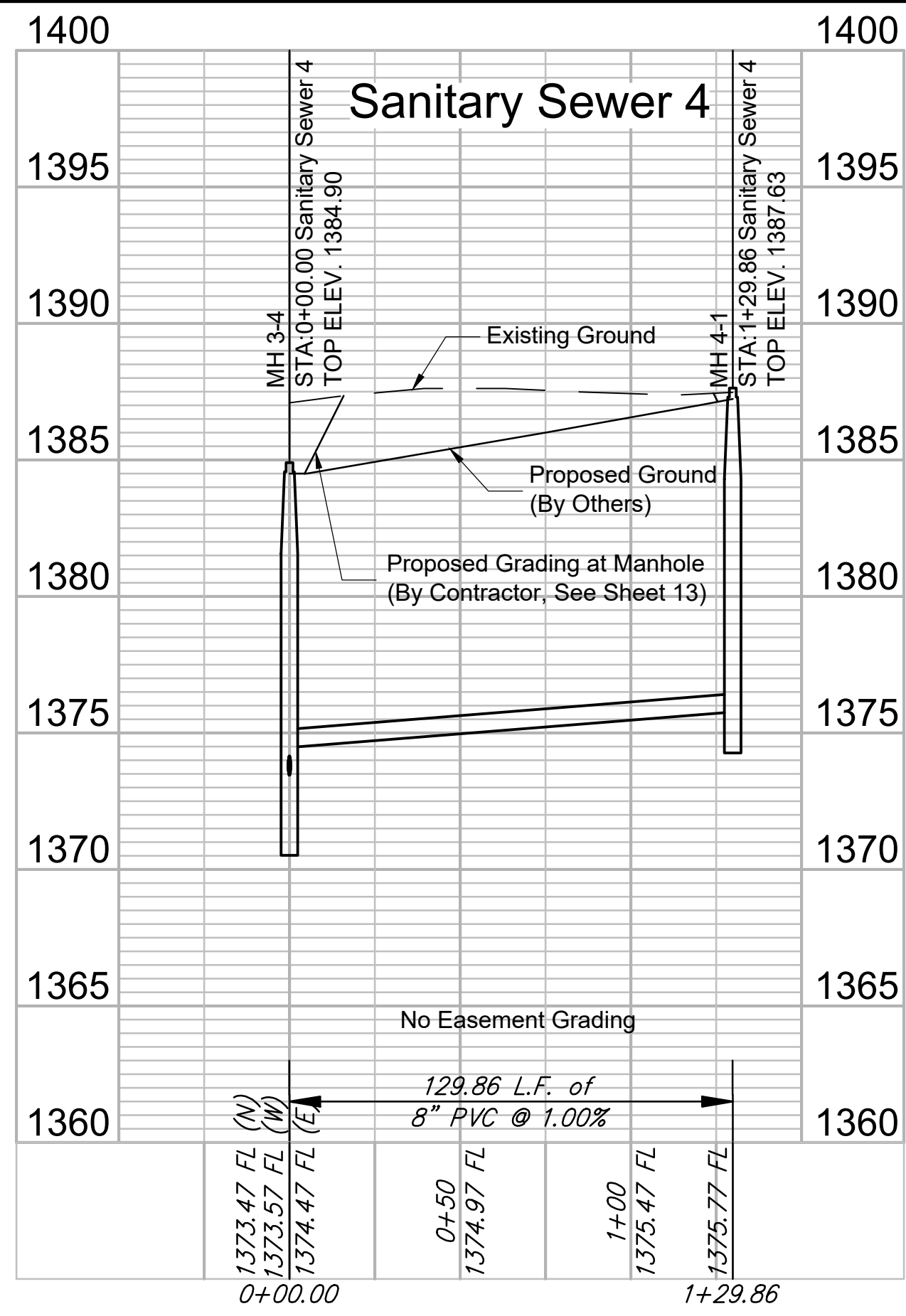
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REV. 3-6-19



REV.	DATE	DESCRIPTION	BY
1	03/18/19	Adjusted SS Flowlines and Riser Depths	KWL



CITY OF WICHITA
 WICHITA, KANSAS
CEDAR CREEK ADD, PHASE 1 - SANITARY

Sanitary Sewer Line 4

JOB NO.: 18266039
 DATE: February 2019
 DESIGNED BY: CMB
 DRAWN BY: CDJ

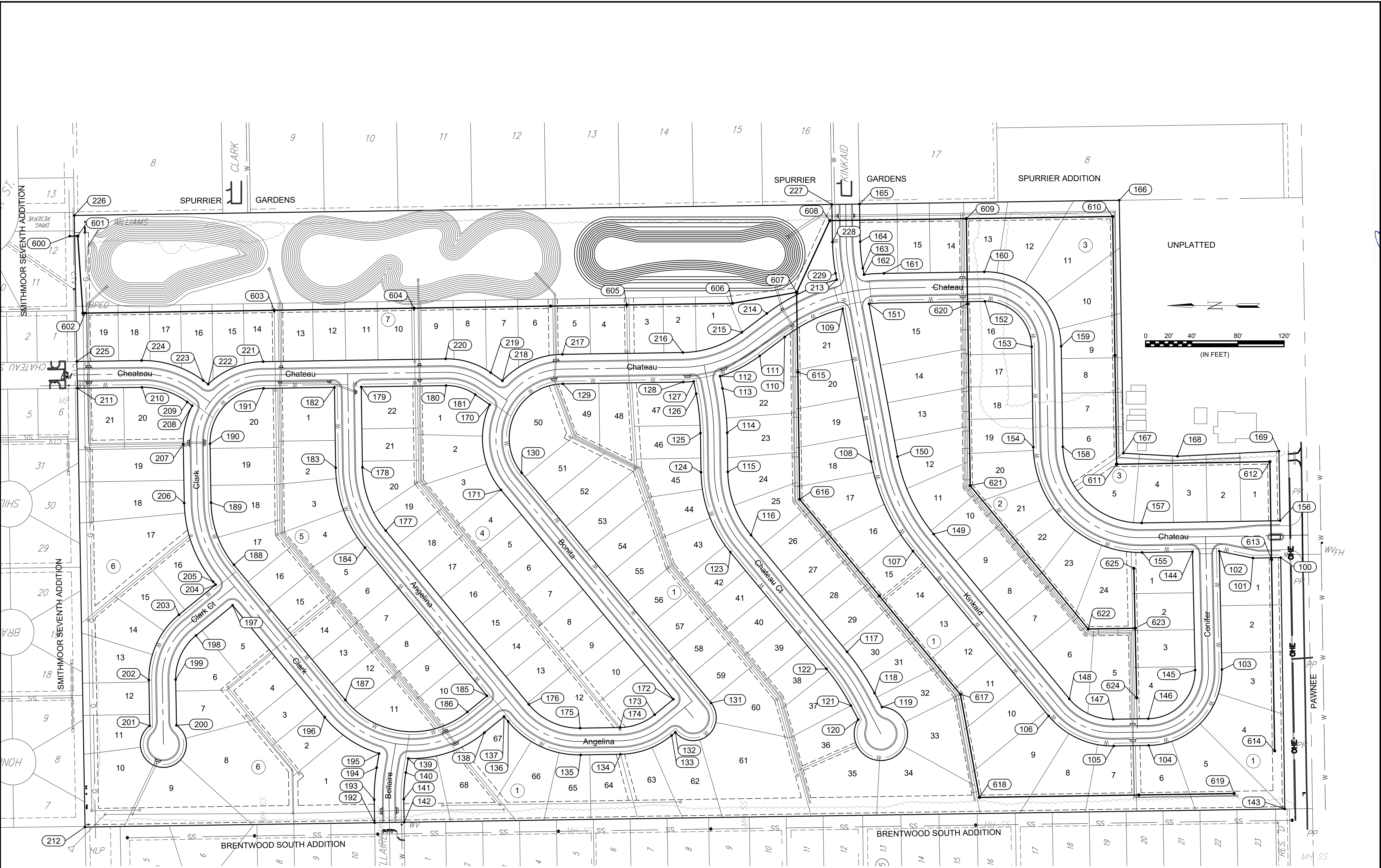
BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER: *****

SHEET NUMBER **14** OF **23**



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REV.	DATE	DESCRIPTION	BY



CITY OF WICHITA
 WICHITA, KANSAS
 CEDAR CREEK ADD.
 PHASE 1 - SANITARY

Coordinate Map

JOB NO.: 18266039
 DATE: February 2019
 DESIGNED BY: CMB
 DRAWN BY: CDJ

BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1" 120'
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

SHEET NUMBER **15** OF **23**

File: L:\2018\18266039 - Cedar Creek Phase 1\Drawings\C3D\Sanitary\Coordinate Map.dwg Last Save: 2/18/2019 3:11 PM Last saved by: CDJurey
 Last plotted by: Jurey, Caleb D. Plot Date: 2/18/2019 3:12 PM Plotter used: None
 Plot Style: --- Plot Scale: 1:2,584.9

