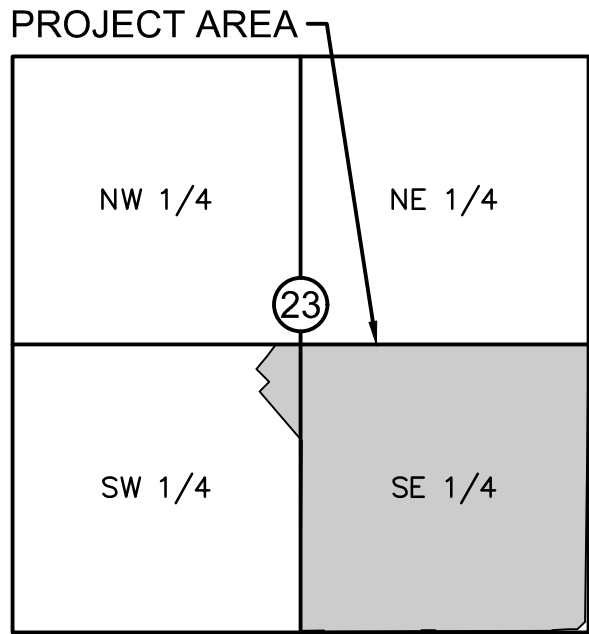


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USER: nheiser



VICINITY MAP
S23, T47N, R32W
SCALE 1"=2000'

PROJECT TEAM & UTILITY CONTACT LIST	
OWNER / DEVELOPER	HUNT MIDWEST REAL ESTATE DEVELOPMENT, INC. 8300 NE UNDERGROUND DRIVE KANSAS CITY, MO 64161 CONTACT: AARON SCHMIDT PHONE: 816.459.4285 EMAIL: ASCHMIDT@HUNTMIDWEST.COM
ENGINEER	OLSSON 1301 BURLINGTON STREET, SUITE 100 NORTH KANSAS CITY, MISSOURI 64116 CONTACT: JULIE E. SELLERS, P.E. PHONE: 816.361.1177
SURVEYOR	OLSSON 1301 BURLINGTON STREET, SUITE 100 NORTH KANSAS CITY, MISSOURI 64116 CONTACT: JASON ROUDEBUSH, P.L.S. PHONE: 816.361.1177

- ☐ NOT FOR CONSTRUCTION
- ☒ REVIEWED FOR CONSTRUCTION

HOOK FARMS FIRST PLAT SANITARY SEWER PLANS

SECTION 23, TOWNSHIP 47 N, RANGE 32 W
IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI



PROPERTY DESCRIPTION:

A tract of land in the Southeast Quarter of Section 23, Township 47 North, Range 32 West of the 5th Principal Meridian in Lee's Summit, Jackson County, Missouri being bounded and described by or under the direct supervision of Jason S Roudebush, P.L.S. 2002014092 as follows: Commencing at the Southeast corner of said Southeast Quarter; thence North 02°45'34" East, on the East line of said Southeast Quarter, 2,635.08 feet to the Northeast corner of said Southeast Quarter; thence North 87°45'24" West, on the North line of said Southeast Quarter, 50.00 feet to the Southeast corner of Lot 3, EAGLE CREEK—FIRST PLAT, a subdivision in said Lee's Summit recorded as Instrument Number I10409 in Book I65 at Page 01 in Jackson County Recorder of Deeds Office, also being the Northwest corner of SW Pryor Road as described in the Right of Way Deed recorded as Instrument Number 2005I0087407 in said Jackson County Recorder of Deeds Office, also being Point of Beginning of the tract of land to be herein described; thence South 02°45'34" West, on the existing Westerly right-of-way line of said SW Pryor Road of said Right of Way Deed, 1,220.74 feet; thence leaving said existing Westerly right-of-way line, North 87°00'50" West, 245.56 feet; thence North 02°59'10" East, 25.00 feet; thence North 87°00'50" West, 438.50 feet; thence North 60°49'13" West, 252.48 feet; thence North 67°11'53" West, 74.21 feet; thence North 27°18'12" East, 138.17 feet; thence Westerly, on a curve to the left, having an initial tangent bearing of North 62°41'48" West with a radius of 275.00 feet, a central angle of 11°57'16" and an arc distance of 57.38 feet; thence North 15°20'56" East, 50.00 feet; thence North 29°10'47" East, 375.17 feet; thence North 07°19'52" East, 64.17 feet; thence South 87°00'50" East, 126.12 feet; thence North 02°59'10" East, 116.00 feet; thence North 42°00'50" West, 19.80 feet; thence North 02°59'10" East, 50.00 feet; thence South 87°00'50" East, 36.00 feet; thence North 02°59'10" East, 277.38 feet to a point on the South line of said EAGLE CREEK—FIRST PLAT and said North line of said Southeast Quarter; thence South 87°45'24" East, on said South and said North line, 643.83 feet to the Point of Beginning. Containing 953,270 square feet or 21.88 acres, more or less.

Sheet List Table	
Sheet Number	Sheet Title
C201	TITLE SHEET
C202	GENERAL NOTES
C203	GENERAL LAYOUT
C204	GENERAL LAYOUT (CONT'D)
C205	SANITARY PLAN & PROFILE (LINE 1)
C206	SANITARY PLAN & PROFILE (LINE 1 CONT'D)
C207	SANITARY PLAN & PROFILE (LINE 1 CONT'D)
C208	SANITARY PLAN & PROFILE (LINE 1 CONT'D)
C209	SANITARY PLAN & PROFILE (LINE 1 CONT'D)
C210	SANITARY PLAN & PROFILE (LINE 1 CONT'D)
C211	SANITARY PLAN & PROFILE (LINE 1 CONT'D)
C212	SANITARY PLAN & PROFILE (LINE 2)
C213	SANITARY PLAN & PROFILE (LINE 2 CONT'D)
C214	SANITARY PLAN & PROFILE (LINE 2 CONT'D)
C215	SANITARY PLAN & PROFILE (LINE 3)
C216	DESIGN TABLES
C217	DETAIL SHEET
C218	DETAIL SHEET

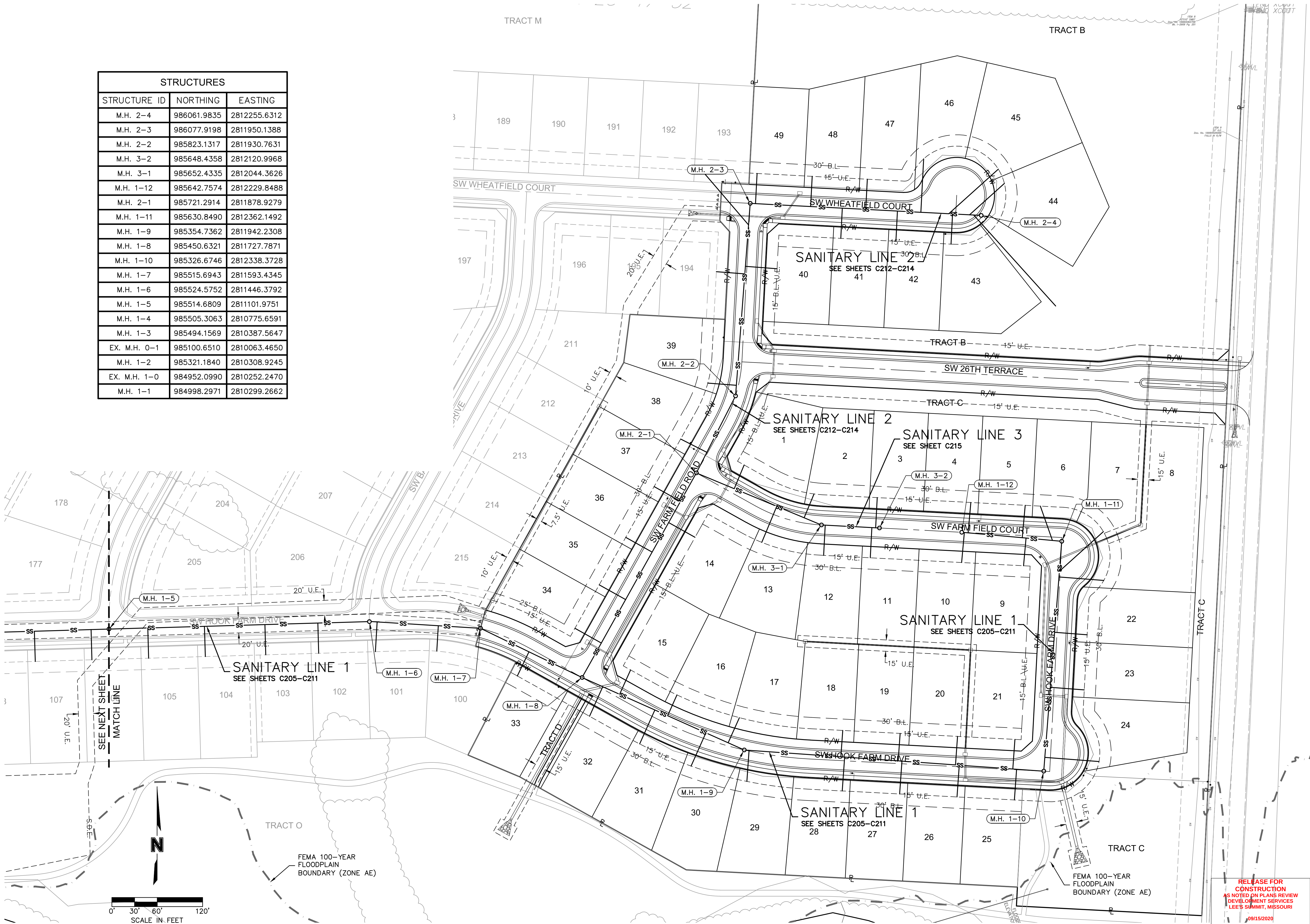
RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
09/15/2020

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TITLE SHEET SANITARY SEWER PLANS	HOOK FARMS FIRST PLAT	2020	LEE'S SUMMIT, MO	REVISIONS	BY				
drawn by: CGW									
checked by: JES									
approved by: NDH									
QA/QC by: JES									
project no.: 019-4061									
drawing no.: 04/20/2020									
SHEET C201									

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USER: nheiser

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Professional Engineer
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6/30/20

BY

REVISIONS

GENERAL LAYOUT
SANITARY SEWER PLANS

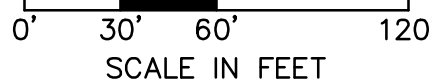
HOOK FARMS
FIRST PLAT

LEE'S SUMMIT, MO

drawn by: CGW
checked by: JES
approved by: NDH
QA/QC by: JES
project no.: 019-4061
drawing no.:
date: 04/20/2020

SHEET
C203

USER: nheiser
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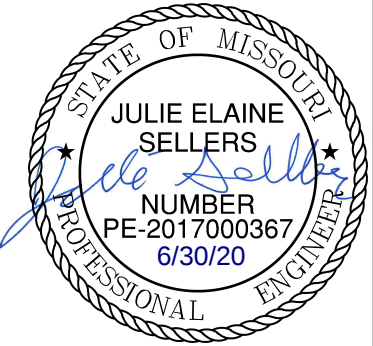


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GENERAL LAYOUT SANITARY SEWER PLANS

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approved by: _____ NDH
QA/QC by: _____ JES
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drawing no.: _____
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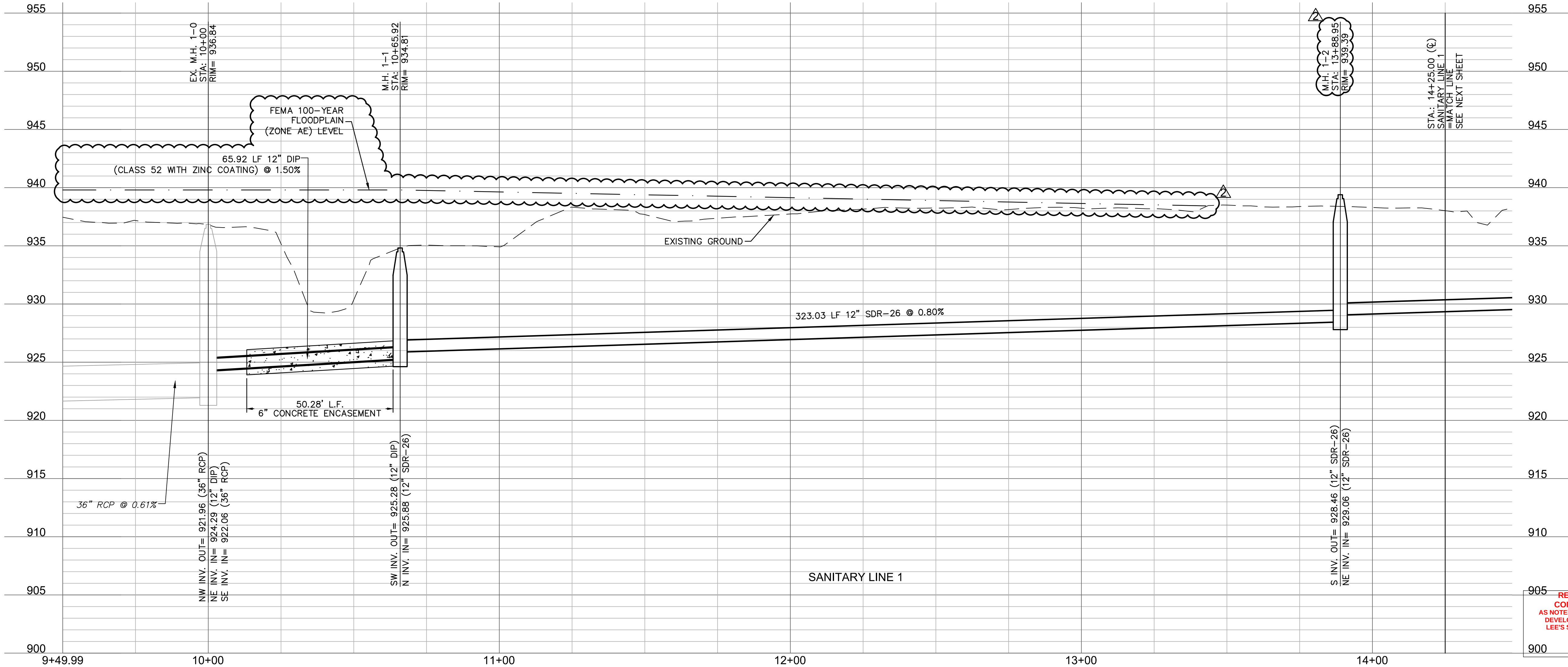
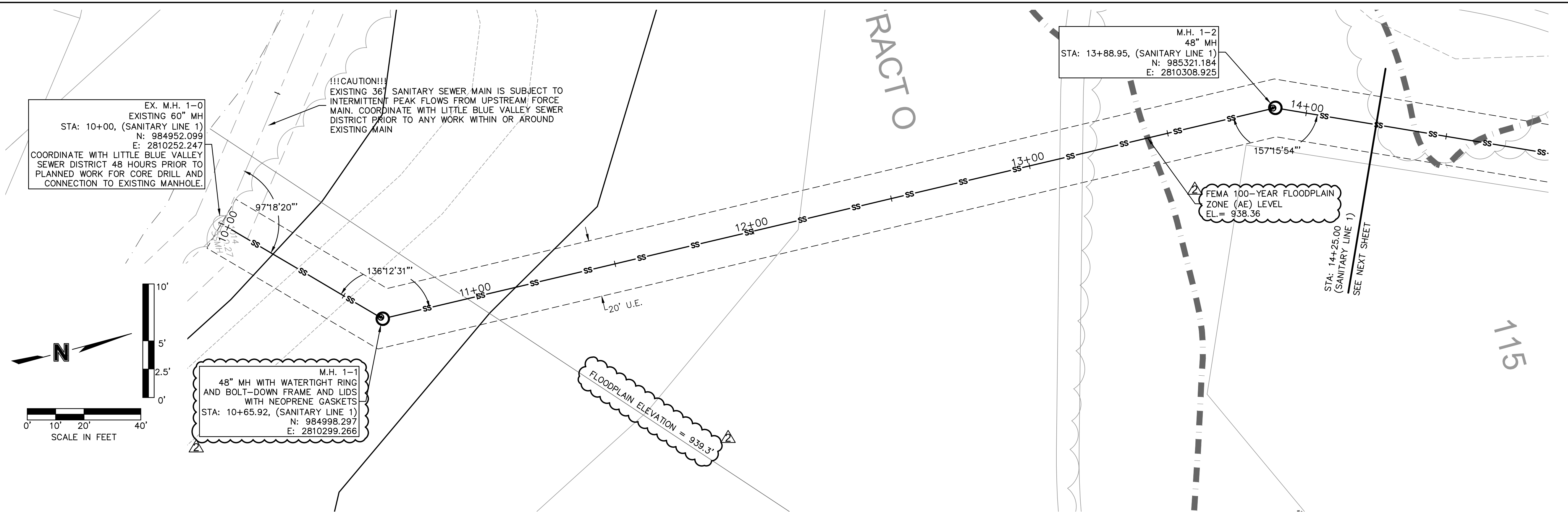
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Professional Engineer
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2	2	06/25/2020	REVISED PER CITY COMMENTS

BY

DATE

REVISIONS

SANITARY PLAN & PROFILE (LINE 1)
STREET AND STORM SEWER PLANS

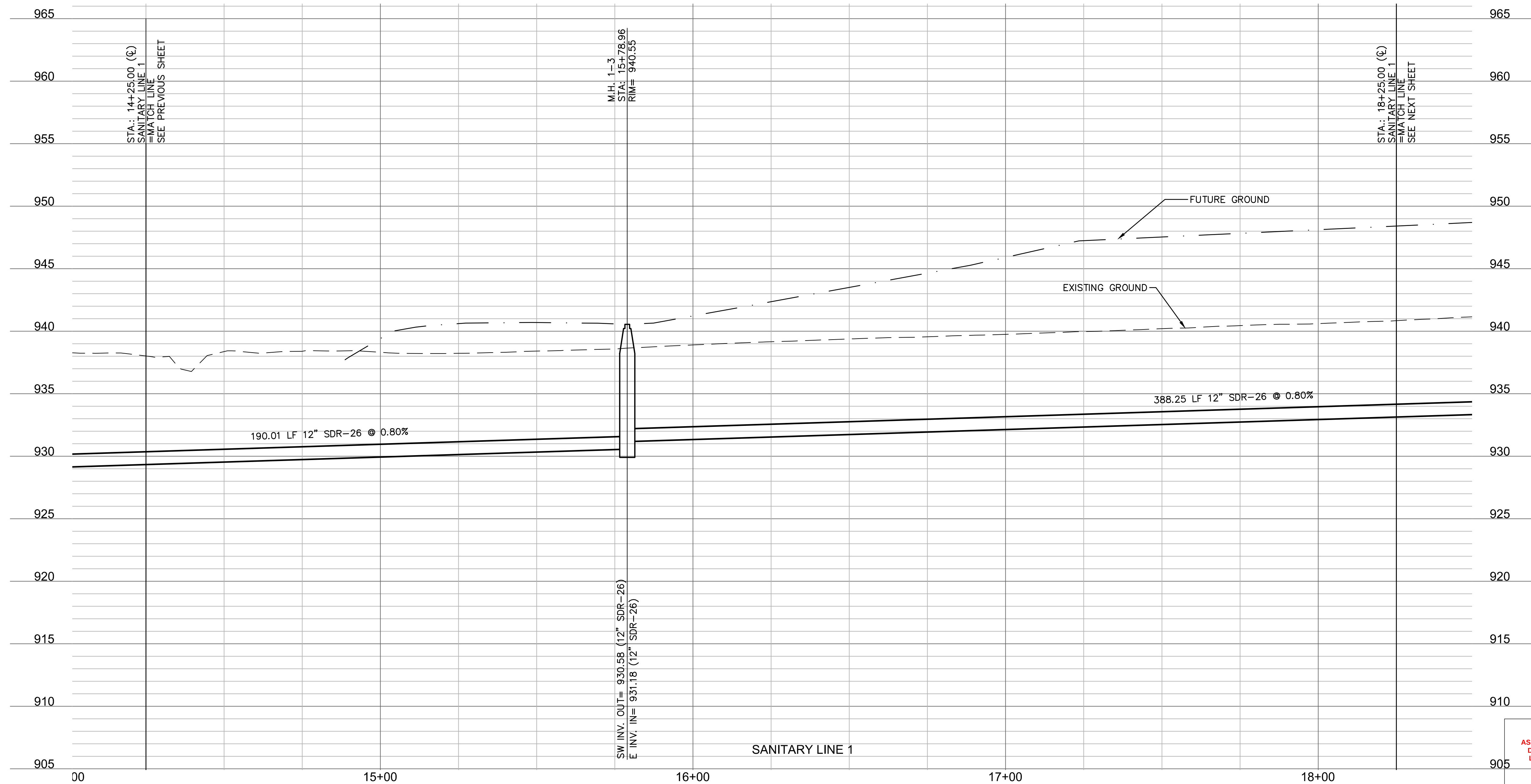
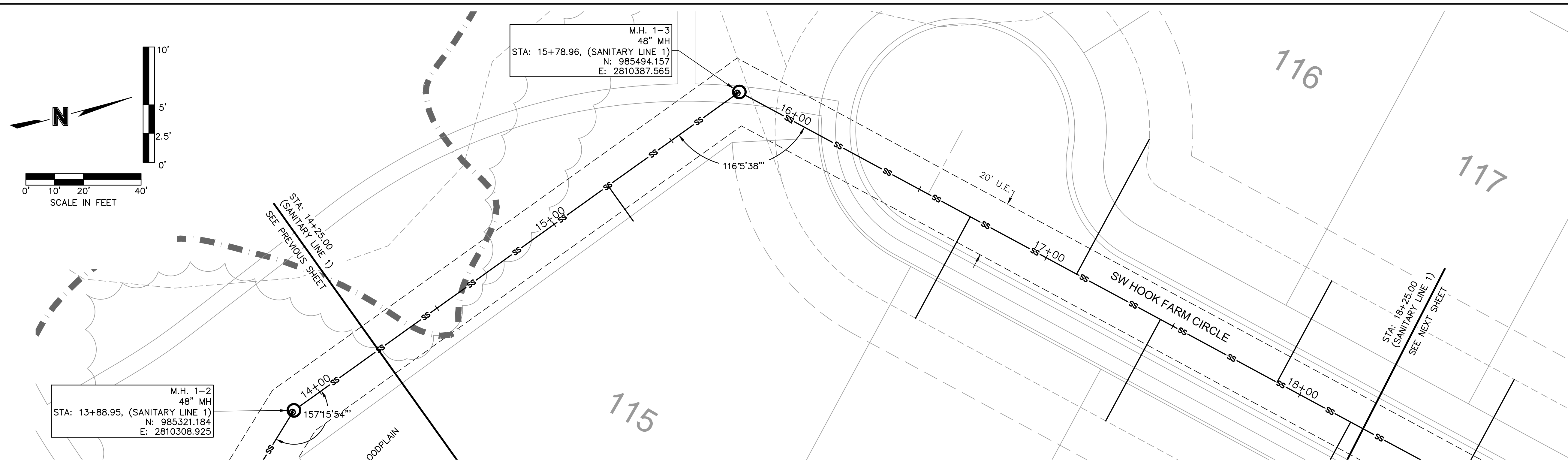
HOOK FARMS
FIRST PLAT

LEE'S SUMMIT, MO

2020

drawn by: CGW
checked by: JES
approved by: NDH
QA/QC by: JES
project no.: 019-4061
drawing no.:
date: 04/20/2020

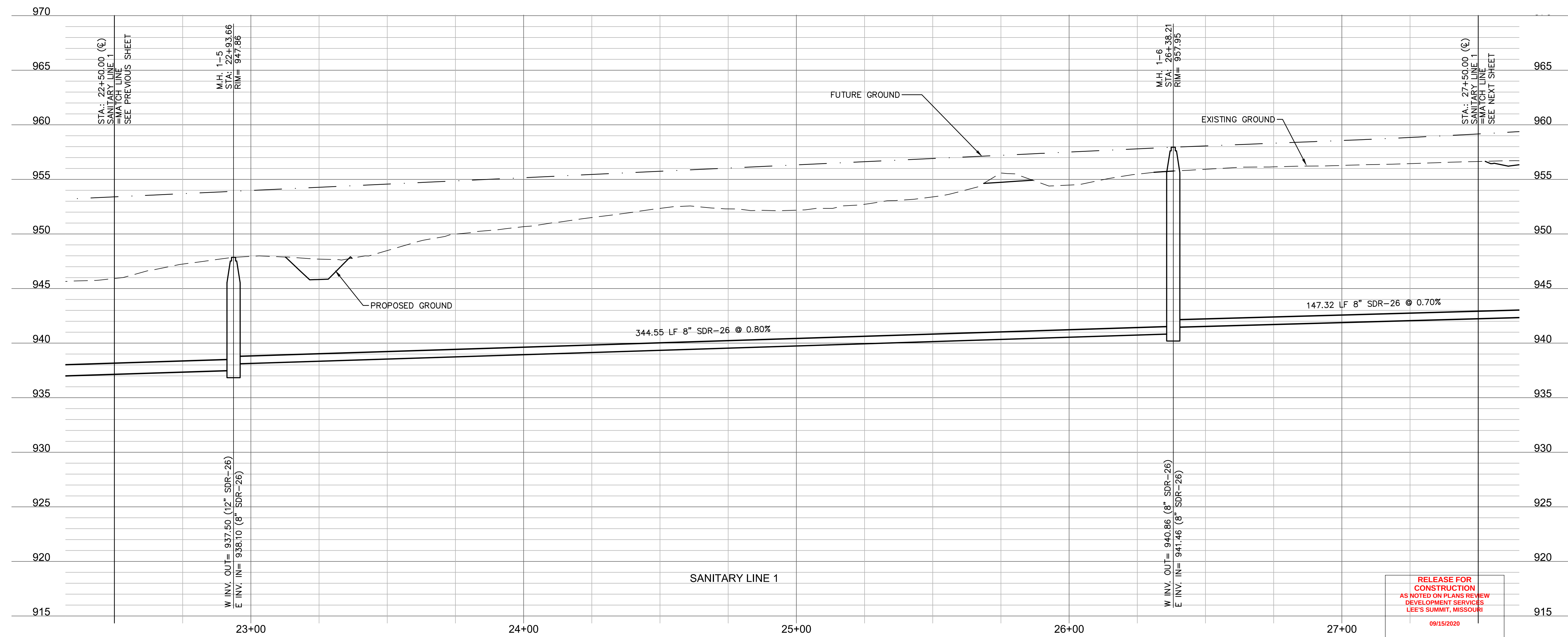
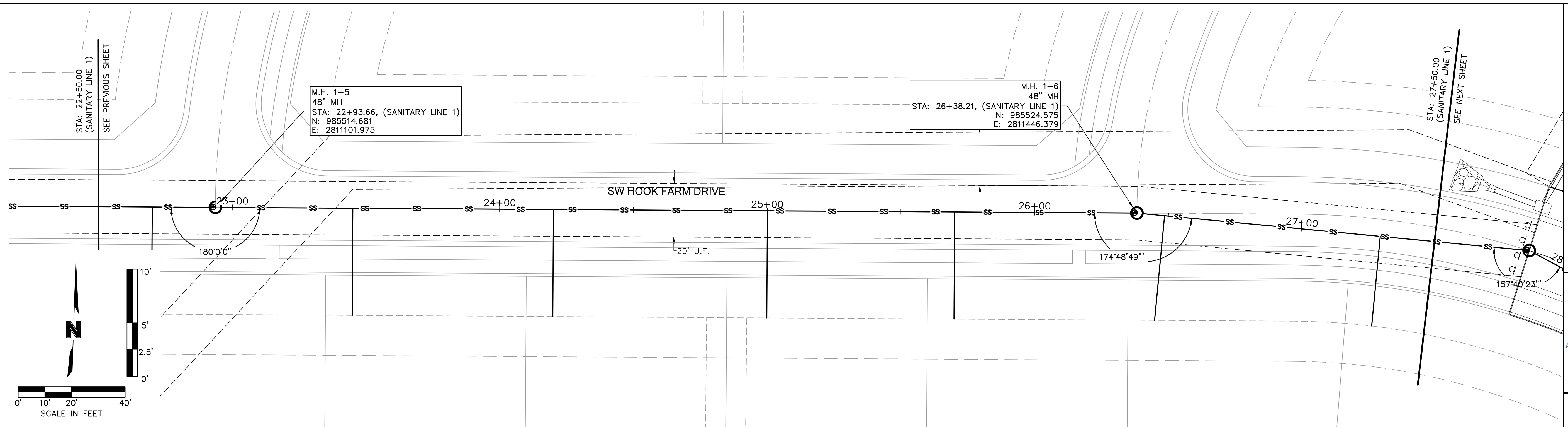
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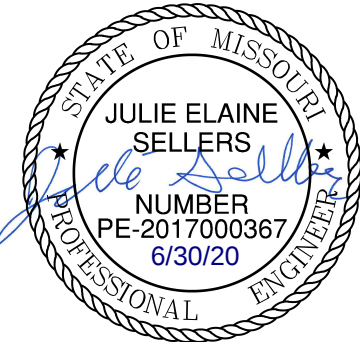
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LEE'S SUMMIT, MISSOURI**

09/15/2020

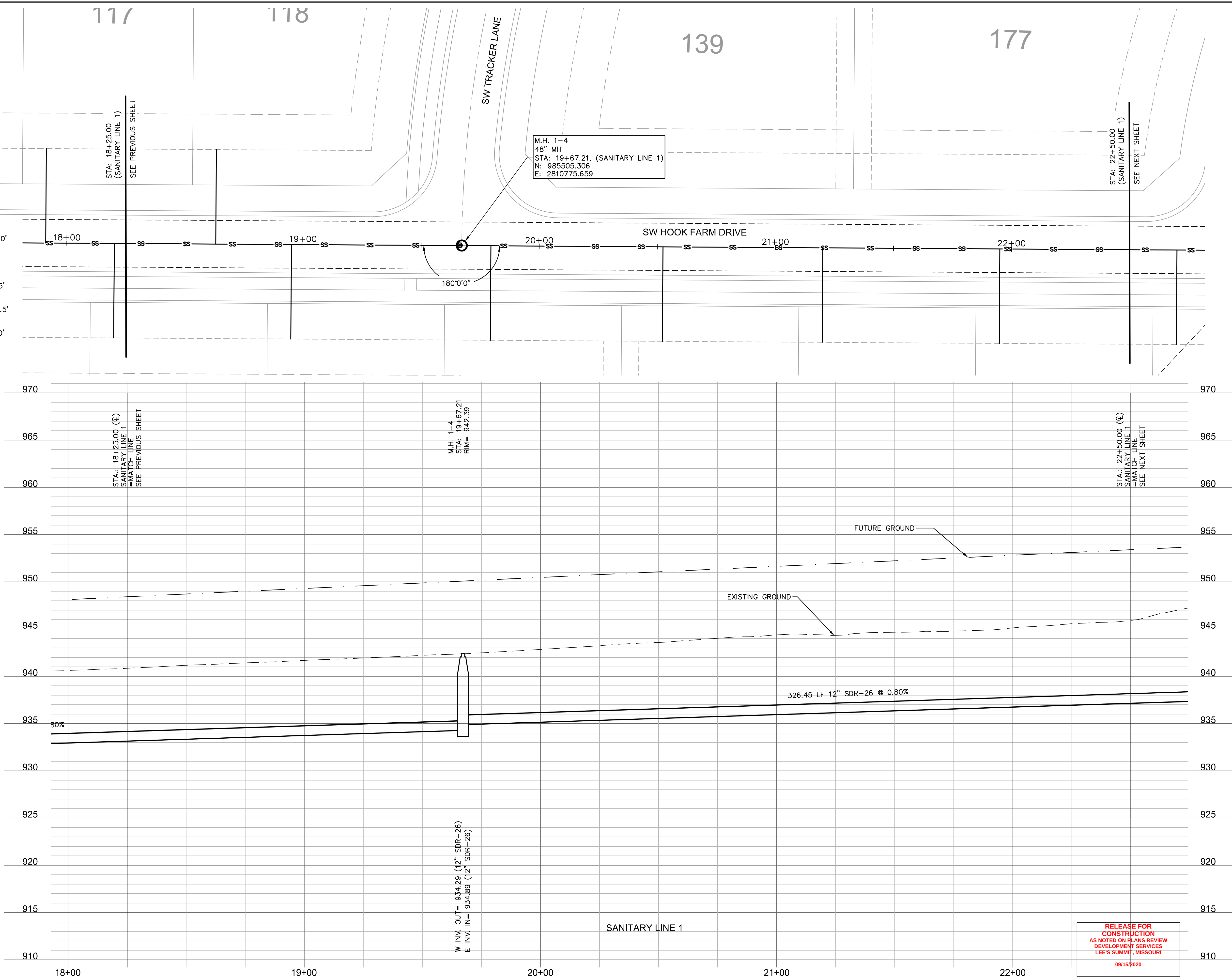
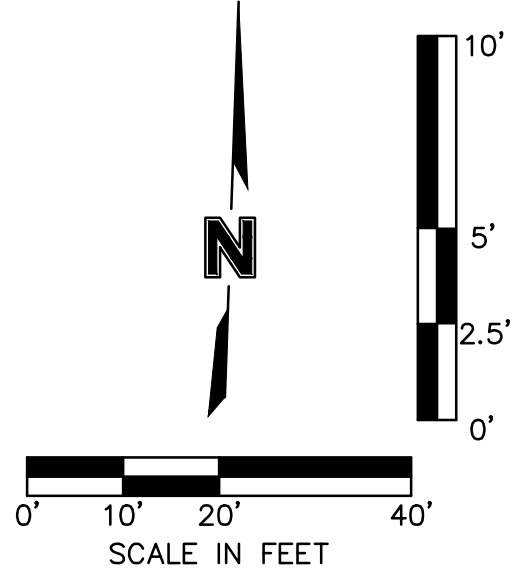
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JULIE ELAINE SELLERS
PROFESSIONAL ENGINEER
NUMBER PE-2017000367
03/02/21

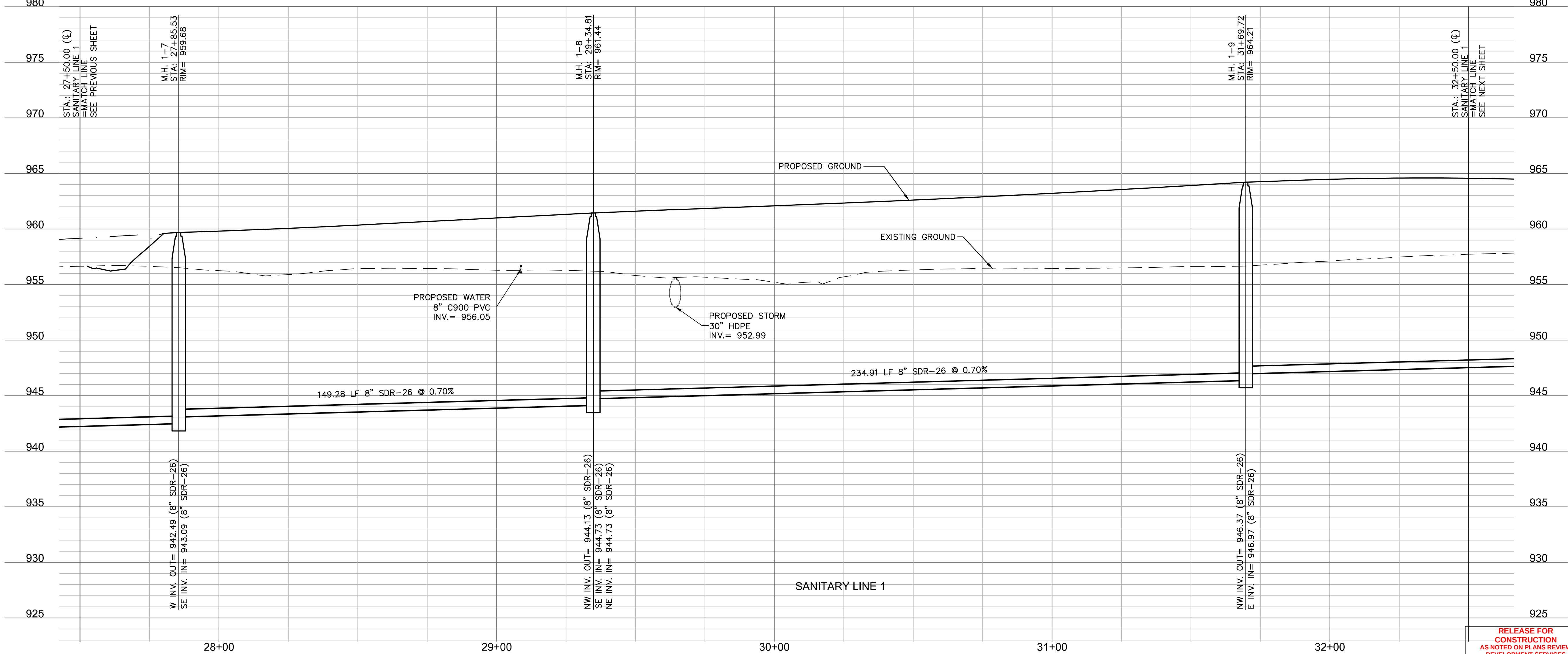
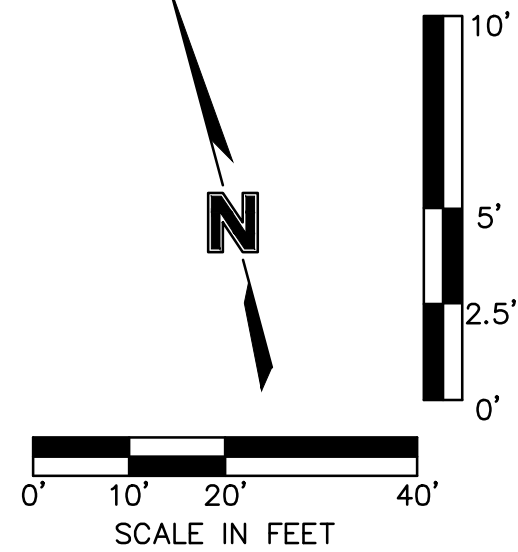
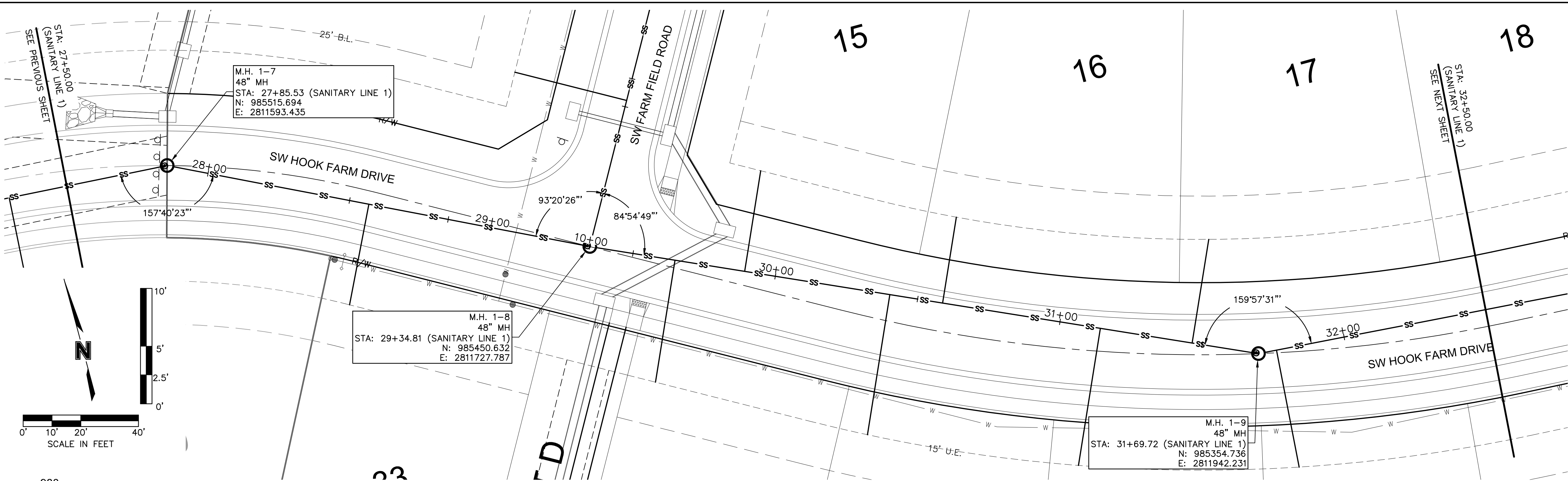
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REV. NO.	DATE
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2	06/25/2020

SANITARY PLAN & PROFILE (LINE 1 CONT'D) STREET AND STORM SEWER PLANS	
HOOK FARMS FIRST PLAT	
LEE'S SUMMIT, MO	
2020	

drawn by: _____	CGW
checked by: _____	JES
approved by: _____	NDH
QA/QC by: _____	JES
project no.: _____	019-4061
drawing no.: _____	
date: _____	04/20/2020

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PROFESSIONAL ENGINEER
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6/30/21

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DATE

REVISIONS DESCRIPTION

1

06/15/2020

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06/25/2020

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2020

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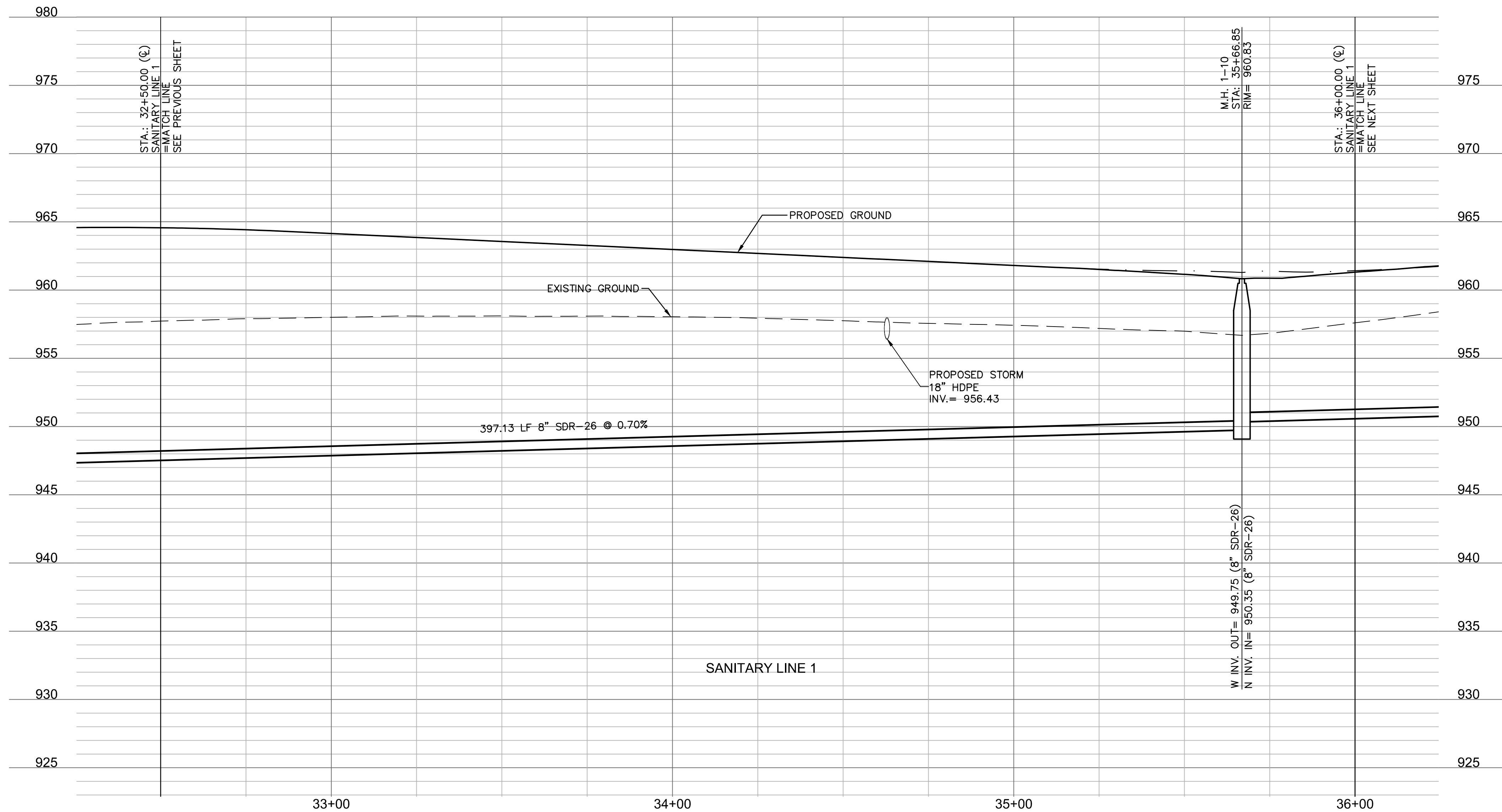
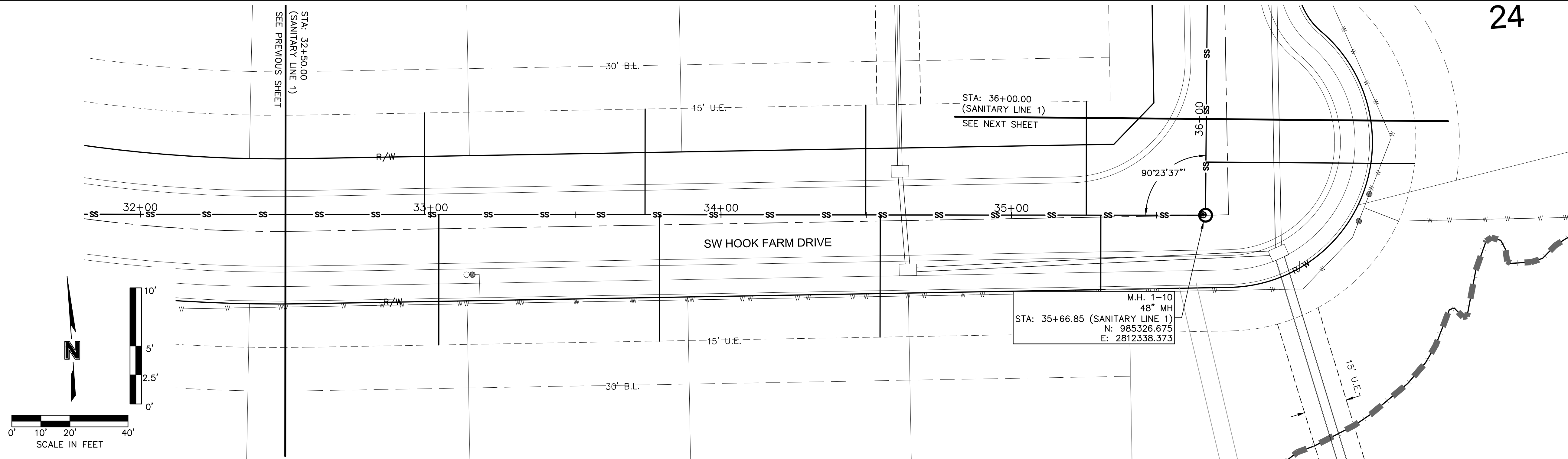
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STREET AND STORM SEWER PLANS

HOOK FARMS
FIRST PLAT

LEE'S SUMMIT, MO

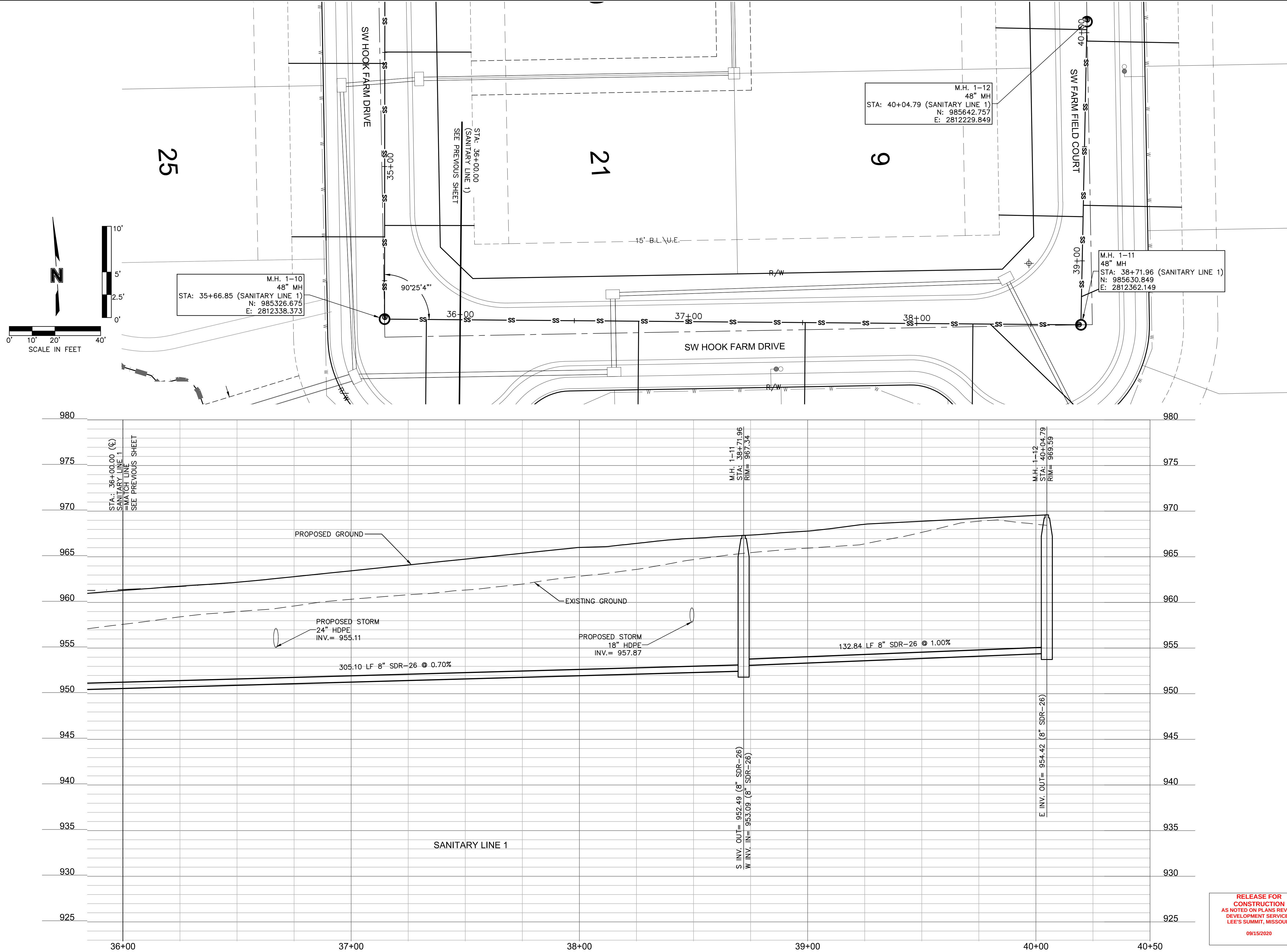
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checked by: JES
approved by: NDH
QA/QC by: JES
project no.: 019-4061
drawing no.:
date: 04/20/2020

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LEE'S SUMMIT, MISSOURI
09/15/2020**

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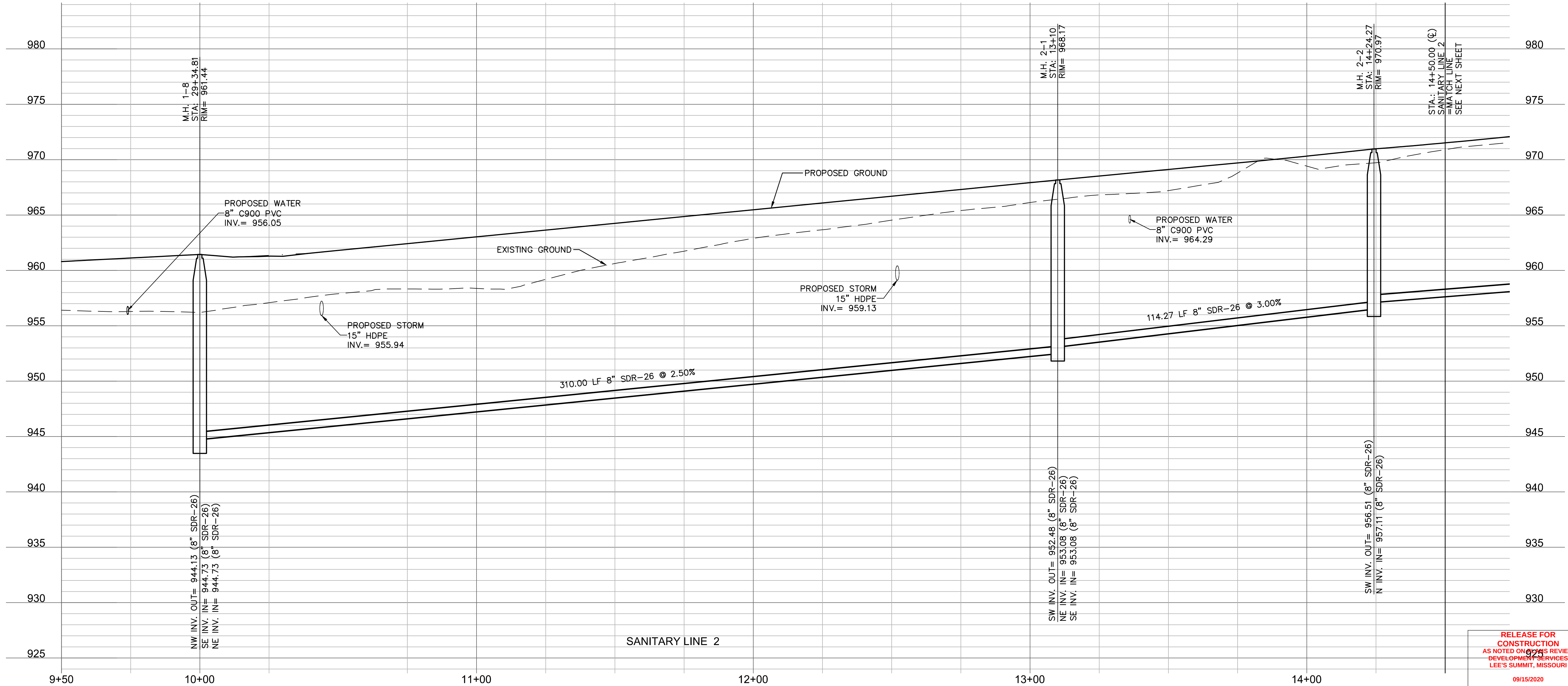
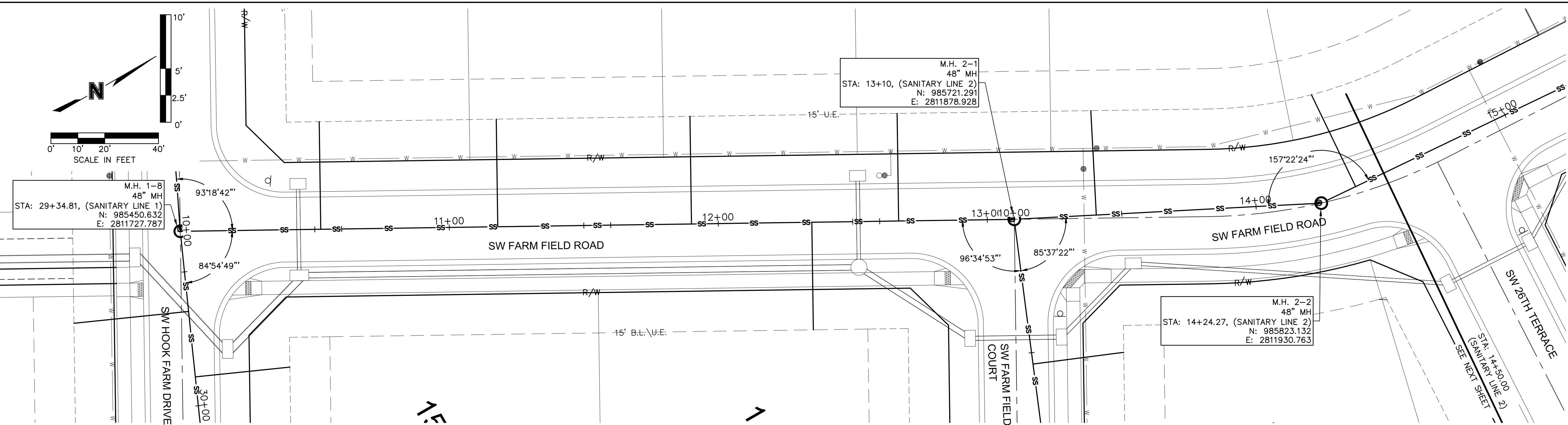


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LEE'S SUMMIT, MISSOURI**

09/15/2020

SANITARY PLAN & PROFILE (LINE 1 CONT'D) STREET AND STORM SEWER PLANS HOOK FARMS FIRST PLAT LEE'S SUMMIT, MO		2020
drawn by: _____ CGW checked by: _____ JES approved by: _____ NDH QA/QC by: _____ JES project no.: _____ 019-4061 drawing no.: _____ date: _____ 04/20/2020		
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JULIE ELAINE SELLERS
NUMBER
PE-2017000367
03/30/20
PROFESSIONAL ENGINEER

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1		06/15/2020	REVISED PER CITY COMMENTS
2		06/25/2020	REVISED PER CITY COMMENTS

SANITARY PLAN & PROFILE (LINE 2)
STREET AND STORM SEWER PLANS

HOOK FARMS
FIRST PLAT

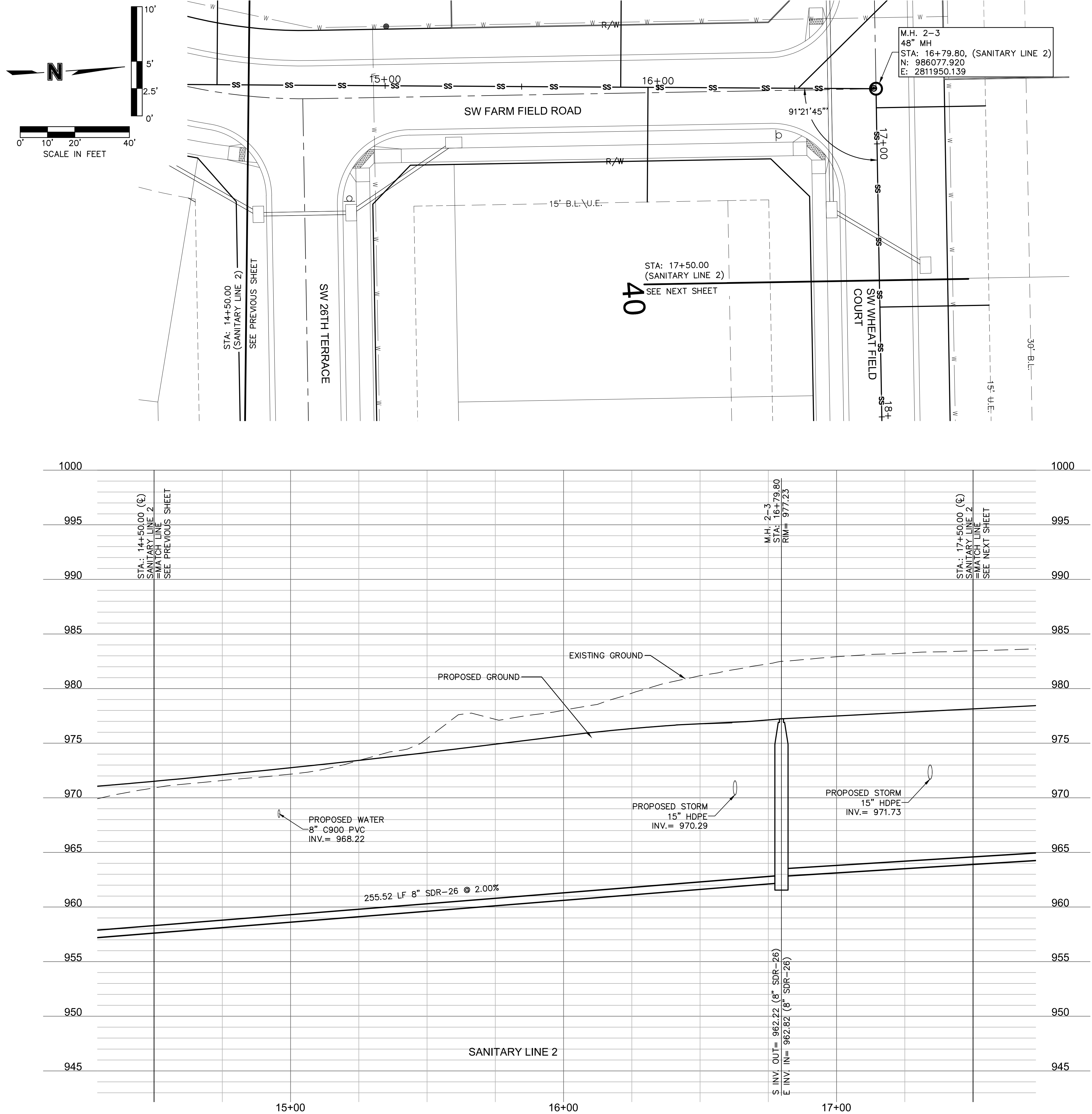
LEE'S SUMMIT, MO

2020

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checked by: JES
approved by: NDH
QA/QC by: JES
project no.: 019-4061
drawing no.:
date: 04/20/2020

SHEET
C212

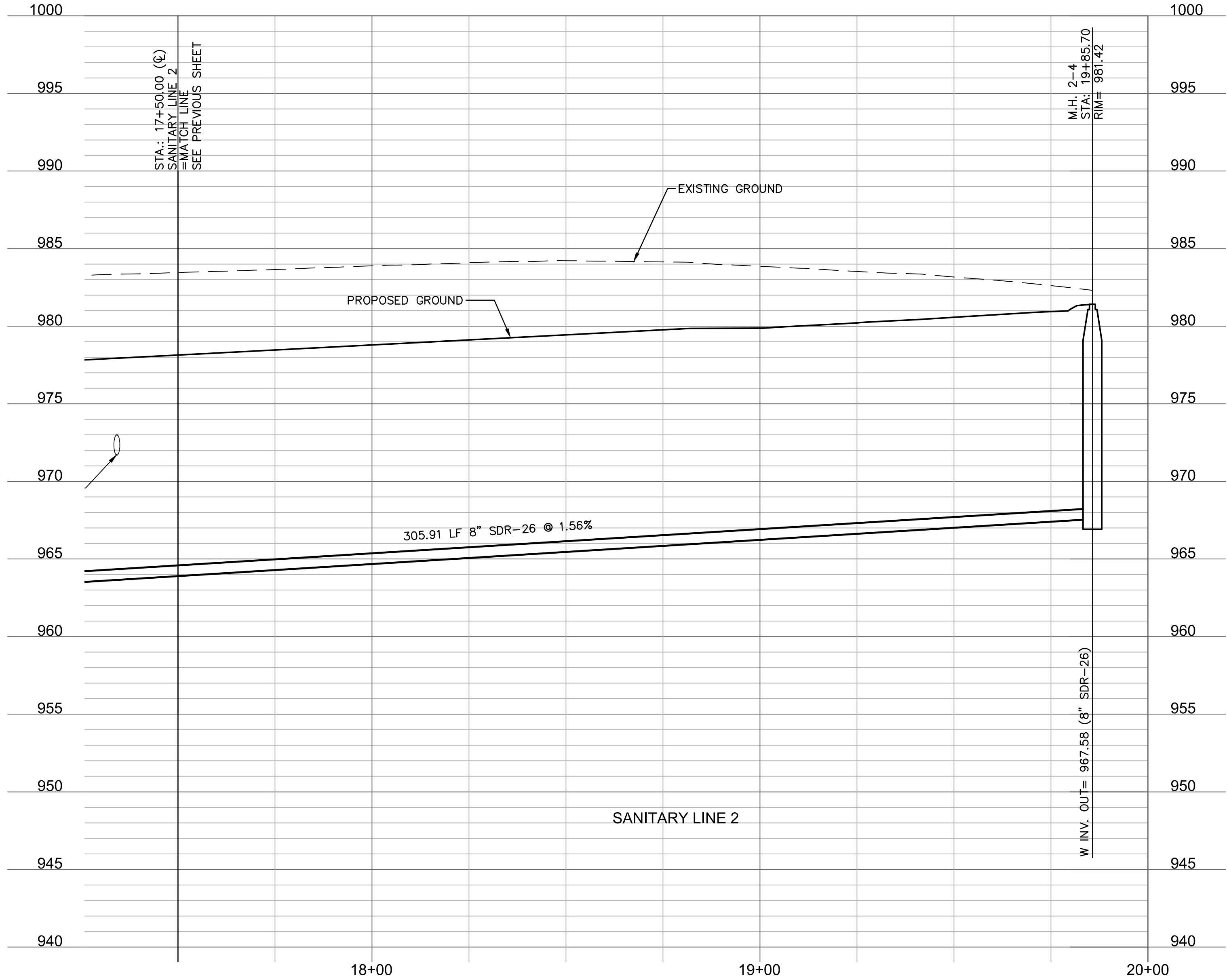
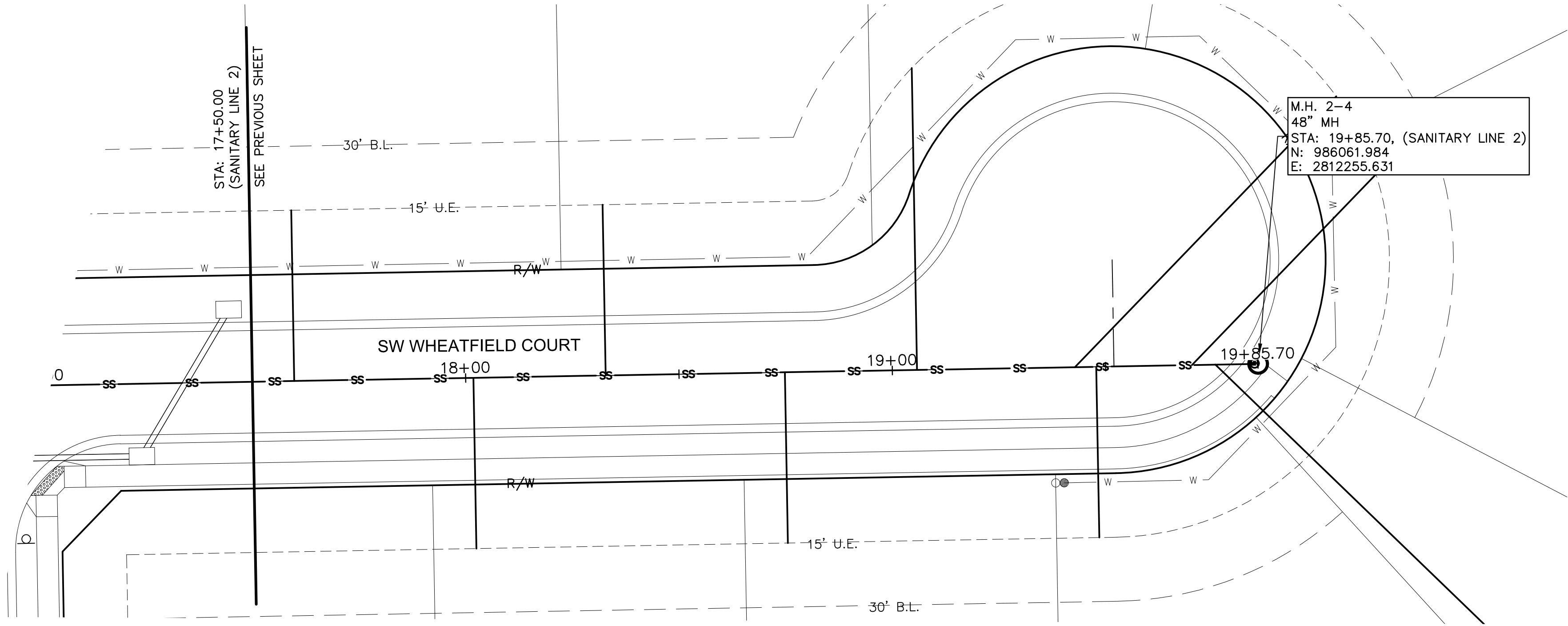
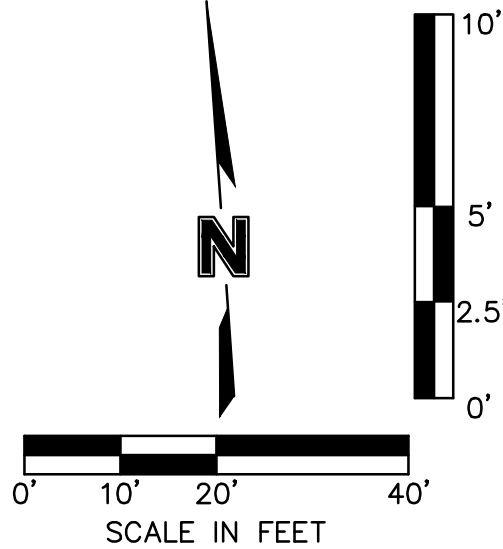
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DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
09/15/2020

SANITARY PLAN & PROFILE (LINE 2 CONT'D) STREET AND STORM SEWER PLANS			REV. NO.	DATE	REVISIONS DESCRIPTION	BY
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HOOK FARMS FIRST PLAT			2	06/25/2020	REVISED PER CITY COMMENTS	
LEE'S SUMMIT, MO						
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SANITARY PLAN & PROFILE (LINE 2 CONT'D)
STREET AND STORM SEWER PLANS

HOOK FARMS
FIRST PLAT

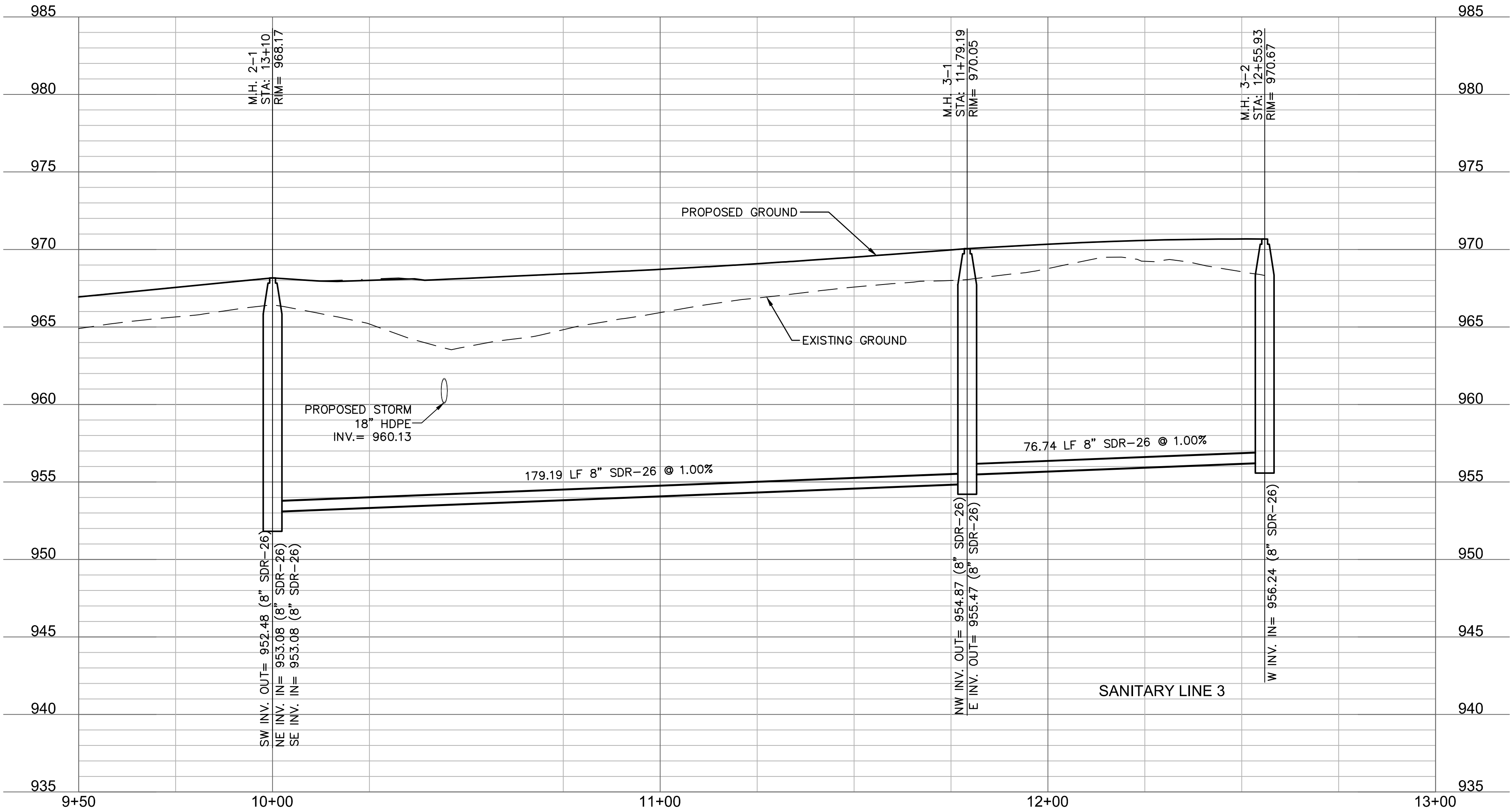
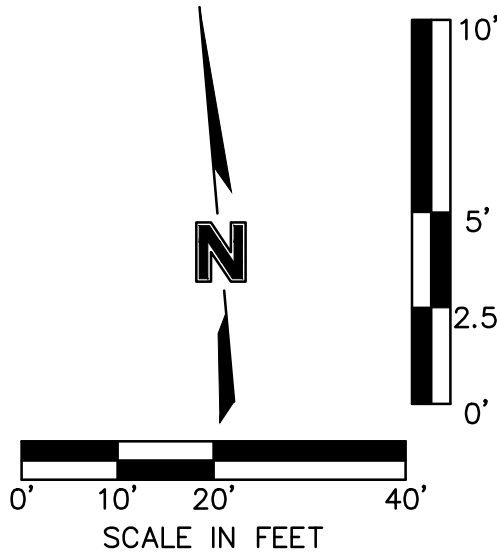
LEE'S SUMMIT, MO

2020

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date: 04/20/2020

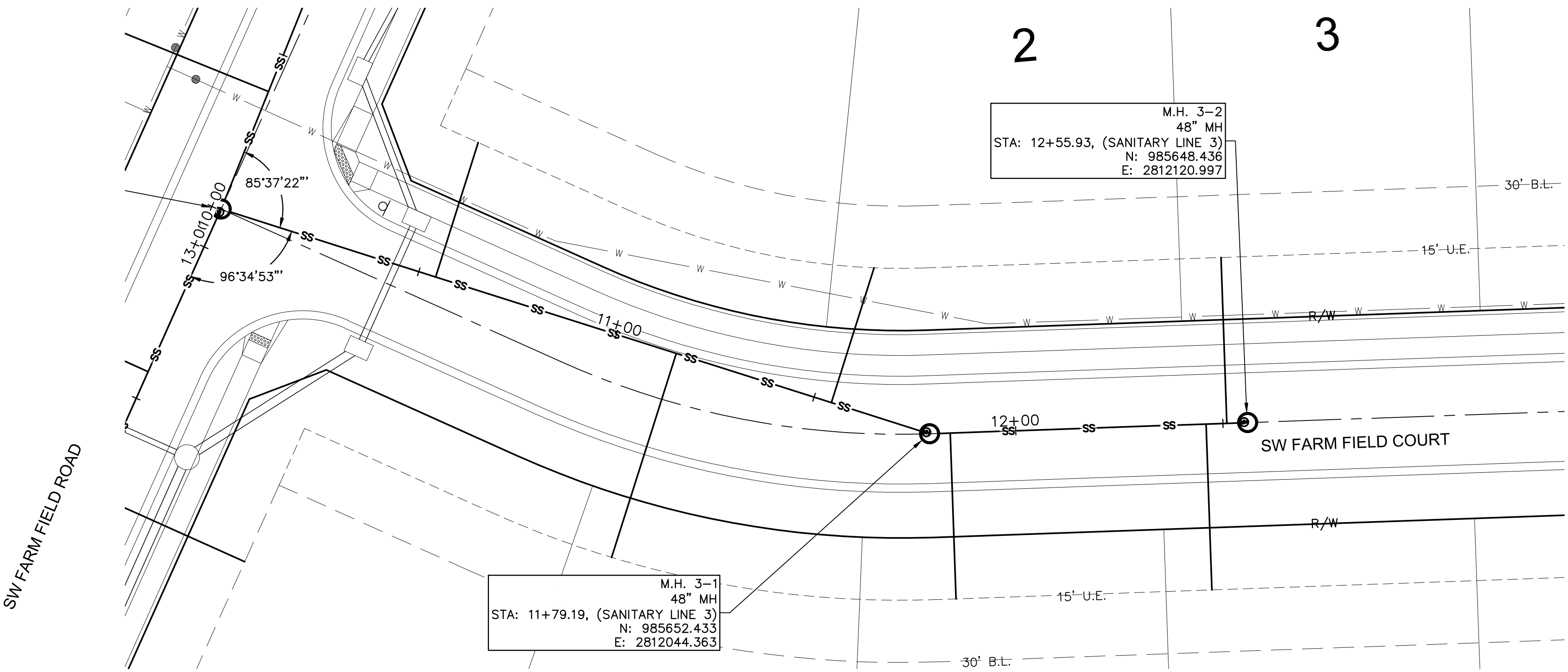
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DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI**

09/15/2020



**SANITARY PLAN & PROFILE (LINE 3)
STREET AND STORM SEWER PLANS**

HOOK FARMS
FIRST PLAT

IEEE'S SUMMIT MO

CGV
by: JES
by: NDH
r: JES
.: 019-406
o.:
04/20/2021

SHEET
C215

REV. NO.	DATE	REVISIONS DESCRIPTION	BY
1	06/15/2020	REVISED PER CITY COMMENTS	
2	06/25/2020	REVISED PER CITY COMMENTS	



oslo

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Missouri Certificate of Authority #001592
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Sanitary Sewer Laterals						
Lot Number	Lateral Station	Lateral Length	Riser	Flowline at Main	Flowline at End of Lateral	Minimum Servicable Floor Elevation
		(ft)	(ft)	(ft)	(ft)	(ft)
1	10+54.26	34.01	2.0	953.6	957.3	960.06
2	11+54.37	34.09	3.0	954.6	959.2	962.05
3	12+50.93	40.00	1.0	956.2	959.0	961.77
4	39+96.30	40.35	2.0	954.3	958.1	960.90
5	39+24.36	43.06	3.0	953.6	958.4	961.22
6	38+84.32	48.18	2.0	952.6	956.5	959.30
7	38+32.21	78.32	2.0	952.2	956.7	959.54
8	38+24.63	59.49	1.0	952.2	955.3	958.13
9	39+19.36	36.81	3.0	953.6	958.2	961.04
10	40+01.30	39.90	3.0	954.4	959.1	961.92
11	12+45.93	40.00	1.0	956.1	958.9	961.72
12	11+84.19	40.00	2.0	955.5	959.3	962.08
13	11+15.13	51.58	2.0	954.2	958.2	961.02
14	12+34.78	40.00	5.0	950.6	957.3	960.10
15	29+89.23	35.31	4.0	945.1	950.7	953.54
16	30+58.77	30.16	5.0	945.6	952.1	954.90
17	31+46.44	36.39	5.0	946.2	952.8	955.64
18	32+97.85	35.00	4.0	947.9	953.5	956.29
19	33+73.83	36.42	2.0	948.4	952.1	954.89
20	34+49.82	37.86	1.0	948.9	951.7	954.48
21	35+25.81	39.24	0.0	949.5	951.3	954.06
22	37+51.18	43.14	1.0	951.6	954.5	957.29
23	36+78.21	45.03	0.0	951.1	953.0	955.84
24	35+85.21	71.89	0.0	950.5	952.9	955.72
25	35+30.81	40.68	0.0	949.5	951.3	954.12
26	34+54.82	42.09	1.0	949.0	951.8	954.60
27	33+78.83	43.50	2.0	948.4	952.3	955.07
28	33+02.85	44.92	4.0	947.9	953.7	956.53
29	31+76.12	41.30	5.0	947.0	953.7	956.55
30	31+14.21	48.14	5.0	946.0	952.9	955.65
31	30+40.23	49.19	4.0	945.5	951.4	954.18
32	29+64.77	42.82	4.0	944.9	950.7	953.52
33	28+56.79	35.51	4.0	943.6	949.2	952.02
34	10+52.24	40.00	3.0	946.0	950.8	953.58
35	11+18.04	40.00	4.0	947.7	953.4	956.20
36	11+90.04	40.00	4.0	949.5	955.2	958.00
37	12+67.04	40.00	3.0	951.4	956.1	958.95
38	13+40.56	38.85	3.0	954.0	958.7	961.51
39	14+38.45	37.89	2.0	957.4	961.1	963.91
40	15+96.28	42.00	5.0	960.5	967.3	970.09
41	18+01.80	40.00	2.0	964.6	968.4	971.21
42	18+74.80	40.00	1.0	965.7	968.5	971.32
43	19+47.80	40.00	1.0	966.8	969.6	972.42
44	19+70.22	62.12	1.0	967.2	970.4	973.20
45	19+42.80	88.18	1.0	966.8	970.5	973.31
46	19+05.79	70.76	1.0	966.2	969.6	972.40
47	18+32.79	40.00	1.0	965.1	967.9	970.69
48	17+59.79	40.00	2.0	964.0	967.8	970.58
49	16+86.79	40.00	2.0	962.9	966.7	969.48
POOL	19+75.70	162.07	0.0	967.3	971.5	974.30
100	27+29.63	33.63	5.0	942.1	948.7	951.47
101	26+48.62	39.23	4.0	941.5	947.2	950.03
102	25+70.09	40.00	4.0	940.3	946.0	948.83
103	25+00.09	40.00	4.0	939.8	945.5	948.27
104	24+20.09	40.00	4.0	939.1	944.8	947.63
105	23+45.09	40.00	3.0	938.5	943.3	946.05
106	22+70.09	40.00	4.0	937.3	943.0	945.83
107	21+95.09	40.00	3.0	936.7	941.5	944.25
108	21+20.09	40.00	3.0	936.1	940.9	943.65
109	20+52.43	40.00	3.0	935.6	940.3	943.11
110	19+79.58	40.00	3.0	935.0	939.7	942.53
111	18+95.09	40.00	3.0	933.7	938.5	941.75
112	18+20.09	40.00	3.0	933.1	937.9	941.65
113	17+45.09	40.00	2.0	932.5	936.3	941.39*
114	16+70.09	40.00	1.0	931.9	934.7	941.39*
115	15+22.99	15.00	2.0	930.1	933.4	941.39*
116	17+12.00	53.21	1.0	932.2	935.3	941.39*
117	17+91.05	40.00	2.0	932.9	936.6	941.39*
118	18+63.05	40.00	3.0	933.5	938.2	941.50
193	16+51.28	94.66	1.0	961.6	965.5	968.32
194	15+86.28	37.79	3.0	960.3	965.0	967.84

*BASEMENT SEWER SERVICE MAY NOT BE AVAILABLE. GRINDER PUMP IS REQUIRED IF FINISHED FLOOR OF BASEMENT IS LOWER THAN INDICATED MSFE

Sanitary Sewer Design Information											
Upstream Manhole	Downstream Pipe Slope	Downstream Pipe Diameter	Proposed Cumulative Area	Future Cumulative Area	Peak Base Flow 50-Year Design	Peak Infiltration Flow 50-Year Design	Peak Inflow 50-Year Design	Total Peak Flow	Downstream Pipe Mannings N	Downstream Pipe Capacity	Downstream Pipe Full Flow Velocity
	(%)	(in)	(Ac.)	(Ac.)	(gpd)	(gpd)	(cfs)	(cfs)		(cfs)	(fps)
MH 1-1	1.50%	12	21.08	18.43	59265.00	19755.000	0.950	1.073	0.014	4.05	5.16
MH 1-2	0.80%	12	21.08	18.43	59265.00	19755.000	0.950	1.073	0.014	2.96	3.77
MH 1-3	0.80%	12	21.08	18.43	59265.00	19755.000	0.950	1.073	0.014	2.96	3.77
MH 1-4	0.80%	12	20.54	18.43	58455.00	19485.000	0.939	1.060	0.014	2.96	3.77
MH 1-5	0.80%	8	18.43	10.97	44100.00	14700.000	0.741	0.832	0.014	1.00	2.88
MH 1-6	0.80%	8	16.92	5.23	33225.00	11075.000	0.581	0.650	0.014	1.00	2.88
MH 1-7	0.70%	8	15.78	0.00	23670.00	7890.000	0.432	0.481	0.014	0.94	2.69
MH 1-8	0.70%	8	15.15	0.00	22725.00	7575.000	0.417	0.464	0.014	0.94	2.69
MH 1-9	0.70%	8	7.04	0.00	10560.00	3520.000	0.209	0.231	0.014	0.94	2.69
MH 1-10	0.70%	8	5.29	0.00	7935.00	2645.000	0.161	0.178	0.014	0.94	2.69
MH 1-11	0.70%	8	2.81	0.00	4215.00	1405.000	0.090	0.098	0.014	0.94	2.69
MH 1-12	1.00%	8	1.08	0.00	1620.00	540.000	0.036	0.040	0.014	1.12	3.21
MH 2-1	2.50%	8	7.83	0.00	11745.00	3915.000	0.231	0.255	0.014	1.77	5.08
MH 2-2	3.00%	8	4.65	0.00	6975.00	2325.000	0.143	0.158	0.014	1.94	5.57
MH 2-3	2.00%	8	4.36	0.00	6540.00	2180.000	0.135	0.148	0.014	1.59	4.55
MH 2-4	1.50%	8	3.42	0.00	5130.00	1710.000	0.108	0.118	0.014	1.37	3.94
MH 3-1	1.00%	8	1.75	0.00	2625.00	875.000	0.057	0.063	0.014	1.12	3.21
MH 3-2	1.00%	8	0.52	0.00	780.00	260.000	0.018	0.020	0.014	1.12	3.21

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STATE OF MISSOURI
JULIE ELAINE SELLERS
PROFESSIONAL ENGINEER
NUMBER PE-2017000367
6/30/20

DESIGN TABLES
SANITARY SEWER PLANS

HOOK FARMS
FIRST PLAT

LEE'S SUMMIT, MO

drawn by: CGW
checked by: JES
approved by: NDH
QA/QC by: JES
project no.: 019-4061
date: 04/20/2020

2020

REVISIONS

DWG: F:\2019\4001-4500\019-4061\40-Design\AutoCAD\Final Plans\Sheets\GNCV\Sanitary Sewer Plans\C_DET01_0194061.dwg
DATE: Jun 29, 2020 7:01pm XREFS: C_PTBK_0194061_34x22

USER: nhelser

**LEE'S SUMMIT
MISSOURI**
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

BUILDING SEWER STUB AND RISER

Date: 04/17
Drawn By: MJP
Checked By: DL

SAN-1

**CITY OF LEE'S SUMMIT, MO
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION**

STANDARD 24" MANHOLE COVER

Date: 09/16/04
Drawn By: JN
Checked By: JN
FILE: SANITARY SEWER-2
Rev: 04/05/07
Rev: 12/12

STANDARD 24" MANHOLE COVER
LEE'S SUMMIT PART NO.: LS101B
MINIMUM WEIGHT = 160 LB
MATCHING FRAME: LS101A
NOTE: PICK HOLES NOT SHOWN

**LEE'S SUMMIT
MISSOURI**
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

MANHOLE WALL CONNECTIONS

Date: 02/13
Drawn By: JN
Checked By: DL
FILE: SAN-5
Rev: 1/14
Rev:

**CITY OF LEE'S SUMMIT, MO
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION**

STANDARD 24" MANHOLE FRAME

Date: 09/16/04
Drawn By: JN
Checked By: JN
FILE: SANITARY SEWER-1
Rev: 01/04/07
Rev: 1/13

**LEE'S SUMMIT
MISSOURI**
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

STANDARD PRECAST MANHOLE - SANITARY SEWER

Date: 02/13
Drawn By: JN
Checked By: DL
FILE: SAN-2
Rev: 1/14
Rev:

NOTES:
1. PRECAST CONCRETE MANHOLES SHALL CONFORM TO ASTM C478 EXCEPT AS MODIFIED BY THE SPECIFICATIONS.
2. A WALL THICKNESS NOT LESS THAN ONE-TWELFTH (1/12) OF THE INSIDE DIAMETER OR 4", WHICHEVER IS GREATER, SHALL BE USED WHEN THE MANHOLE DEPTH IS LESS THAN 15'.
3. WATERPROOFING SHALL BE REQUIRED ON THE OUTSIDE OF MANHOLES. THE WATERPROOFING SHALL CONSIST OF A TOTAL DRY FILM THICKNESS OF NOT LESS THAN 14 MILS OF BITUMINOUS COATING.
4. ONLY ECCENTRIC MANHOLE CONES WILL BE ALLOWED UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
5. THE FILL CONCRETE FLOW CHANNEL FOR SIDE BRANCHES SHALL BE PLACED TO PROVIDE A SMOOTH TRANSITION INTO THE FLOW LINE.
6. REFER TO THE APPROVED PRODUCTS LIST FOR WATER UTILITIES FOR APPROVED MANHOLE GASKET MODELS.
7. REFER TO THE APPROVED PRODUCTS LIST FOR APPROVED STEPS.

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DETAIL SHEET
SANITARY SEWER PLANS

HOOK FARMS
FIRST PLAT

LEE'S SUMMIT, MO

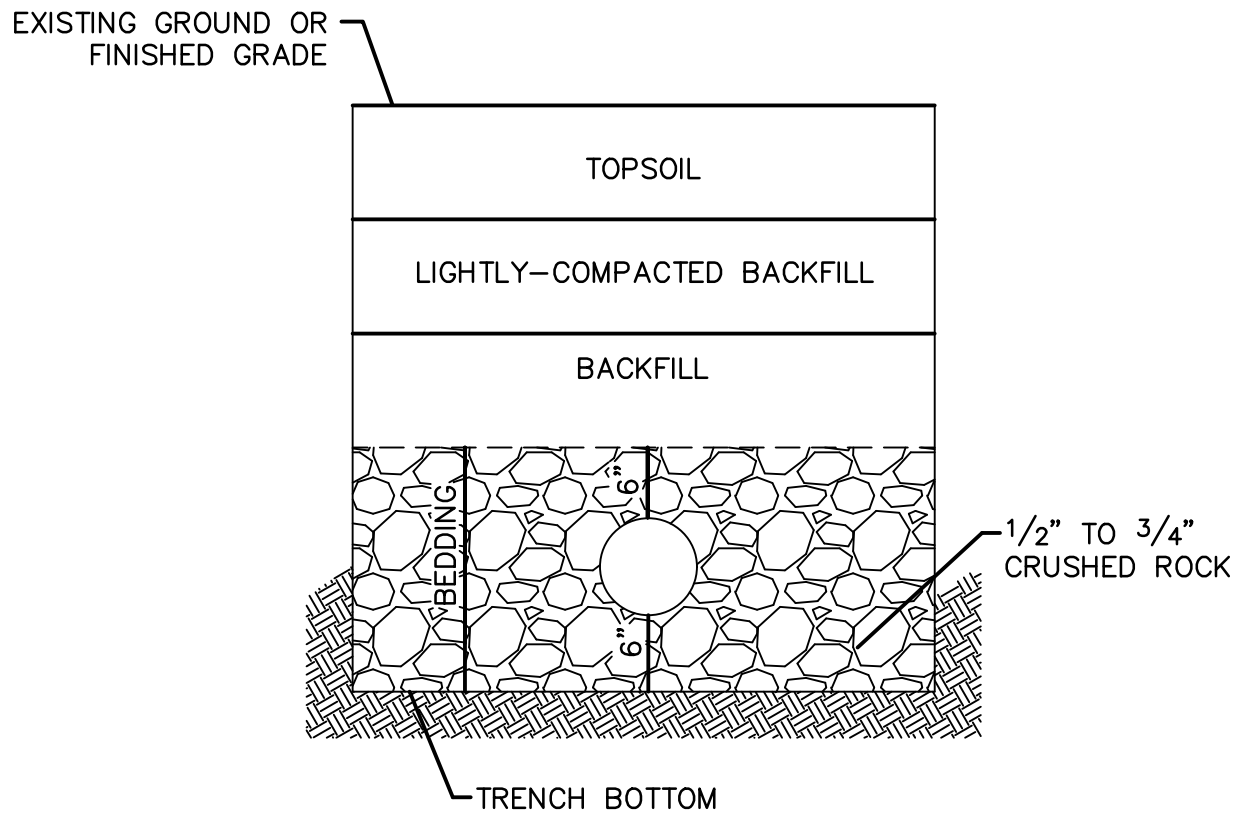
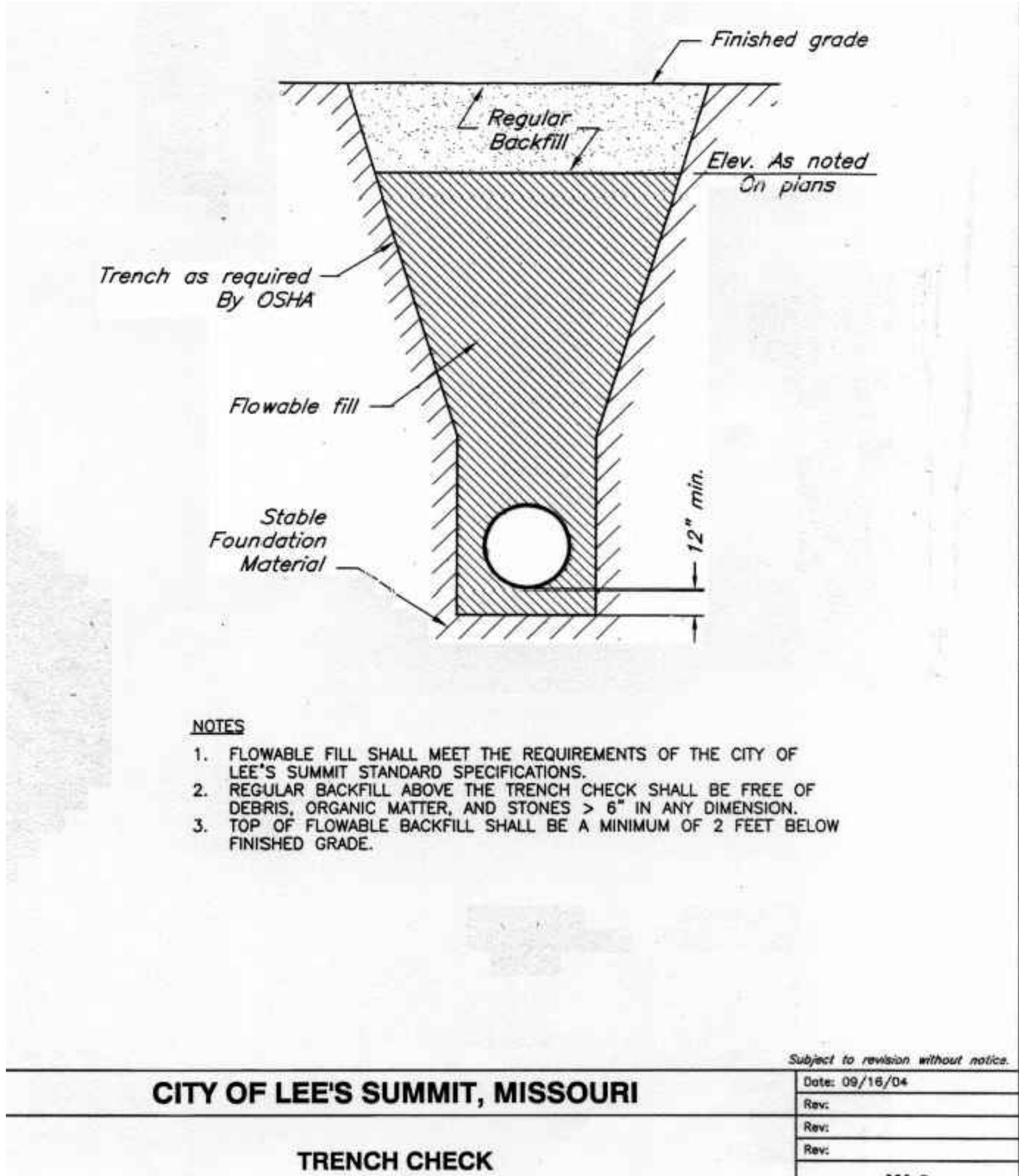
drawn by: CGW
checked by: JES
approved by: NDH
QA/QC by: JES
project no.: 019-4061
drawing no.:
date: 04/20/2020

**SHEET
C217**

REV. NO. DATE REVISIONS DESCRIPTION

1	06/15/2020	REVISED PER CITY COMMENTS
2	06/25/2020	REVISED PER CITY COMMENTS

REVISIONS



- NOTES:**
1. A MINIMUM OF 36 INCHES OF COVER SHALL BE OVER THE TOP OF THE PIPE. THIS MINIMUM OF COVER SHALL BE FROM THE TOP OF PIPE TO THE FINISHED GRADE.
 2. BEDDING AGGREGATE SHALL BE PLACED FROM A LEVEL 6 INCHES BELOW THE BOTTOM OF THE PIPE TO A LEVEL 6 INCHES ABOVE THE TOP OF THE PIPE.
 3. TRENCH BACKFILL IN PAVED AREAS WITHIN STREET OR ALLEY RIGHT OF WAYS
 - a. NARROW TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES 24 INCHES OR LESS IN WIDTH AND SHALL BE TYPE A FLOWABLE FILL.
 - b. STANDARD TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES BETWEEN 24 TO 48 INCHES WIDE SHALL BE EITHER TYPE A FLOWABLE FILL OR DENSE, WELL GRADED AGGREGATE BASE MATERIAL. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS FOR KDOT AB-3, MODOT TYPES 1 OR 5; OR APWA 2202.2.
 - c. WIDE TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES GREATER THAN 48 INCHES WIDE SHALL BE SUITABLE MATERIAL AS SPECIFIED FOR EARTH EMBANKMENT IN APWA STANDARD SPECIFICATIONS, SECTION 2102.2.C.
 4. SUITABLE BACKFILL MATERIAL OUTSIDE OF PAVED AREAS WITHIN RIGHT OF WAY, AND ALL AREAS OUTSIDE RIGHT OF WAY, MAY BE SUITABLE MATERIAL AS SPECIFIED FOR EARTH EMBANKMENT IN APWA STANDARD SPECIFICATIONS, SECTION 2102.2.C. SUITABLE BACKFILL MATERIAL MAY ALSO BE OTHER TRENCH BACKFILL MATERIAL (FLOWABLE FILL OR AGGREGATE BASE) DEPENDING ON SITE CONDITIONS, TRENCH WIDTHS OR AT THE DIRECTION OF THE CITY'S ON SITE INSPECTOR.

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DETAIL SHEET SANITARY SEWER PLANS	HOOK FARMS FIRST PLAT	LEE'S SUMMIT, MO	2020	REVISIONS			
				BY	DATE	REVISIONS DESCRIPTION	
						REVISED PER CITY COMMENTS	
						REVISED PER CITY COMMENTS	

drawn by: CGW
checked by: JES
approved by: NDH
QA/QC by: JES
project no.: 019-4061
drawing no.: 04/20/2020

SHEET C218