

GENERAL NOTES

- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- 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
BLACK HILLS ENERGY (GAS) 1-800-694-8989
CITY OF WICHITA WATER & SEWER 1-316-219-8921
CITY OF WICHITA STORMWATER 1-316-268-4090
CITY OF WICHITA TRAFFIC 1-316-268-4034
CITY OF MAIZE WATER & SEWER 1-316-722-4854
COX COMMUNICATIONS 1-888-249-3530
KANSAS GAS SERVICE 1-888-482-4950
EVERGY 1-800-544-4857
- 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.
- 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.
- 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 CITY ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
- 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.
- 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.
- THE ENGINEERING DIVISION SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION WHEN REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, VALVE BOXES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY CONTRACTOR AT HIS OWN EXPENSE. VALVE BOXES AND WATER METERS WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO MATCH FIELD GRADES BY THE CONTRACTOR.
- IF TRAFFIC WILL BE IMPACTED BY CONSTRUCTION, A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER 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 CONTRACTOR'S RESPONSIBILITY.
- ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE SEEDED AND MULCHED. COST SHALL BE CONSIDERED SUBSIDIARY TO PROJECT SEEDING. SEEDING TO BE: ANNUAL RYE @ 150 LBS./ACRE & SLOW RELEASE @ 150 LBS./ACRE
- CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPEN OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.
- EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS COMPANIES AND IS EITHER FROM COMPANY UTILITY DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
- A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUND AROUND MANHOLES WHICH EXTEND MORE THAN ONE (1) FOOT ABOVE THE EXISTING GROUND. SUCH MOUND SHALL BE CONSTRUCTED WITH NEW DEVELOPMENT A SIX (6) FOOT DIAMETER FLAT TOP WITH 4 TO 1 SIDE SLOPES DOWN TO THE ORIGINAL GROUND. THE ELEVATION OF THE FLAT TOP OF THE MOUND SHALL BE 0.4 FOOT BELOW THE TOP OF THE MANHOLE.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.
- ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.
- 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.
- THE CONTRACTOR SHALL PREVENT ANY CONSTRUCTION DEBRIS FROM ENTERING THE EXISTING SANITARY SEWER DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUOUS FLOW OF SEWAGE THROUGH CONSTRUCTION. CONTRACTOR'S 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.
- ALL TRAFFIC CONTROL DEVICES IN THE WORK ZONE (INCLUDING MARKINGS AND SIGNS) AND THEIR INSTALLATION AND MAINTENANCE SHALL COMPLY WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL TRAFFIC CONTROL DEVICES IN THE TRAVELED WAY OR CLEAR ZONE SHALL BE CRASHWORTHY (NCHRP REPORT 350 OR MASH COMPLIANT).
<http://safety.fhwa.dot.gov/roadwaydept/policy/guide/roadhardware/wzd>
- ALL CONSTRUCTION EQUIPMENT, INCLUDING VEHICLES, MATERIALS, AND DEBRIS, SHALL BE STORED OUTSIDE OF THE CLEAR ZONE. WHERE THIS CANNOT BE ACHIEVED THE CONTRACTOR SHALL PLACE APPROPRIATE SIGNS, OBJECT IDENTIFIERS, AND/OR BARRICADES IN COMPLIANCE WITH MUTCD.
- EXCEPT WHEN REQUIRED FOR SAFETY, TRAFFIC CONTROL SHALL NOT BLOCK ANY LANES OR SIDEWALKS WHEN WORK IS NOT BEING PERFORMED.
- FOLLOW THE LINK BELOW FOR DETAILS ON SPECIFIC CITY OF WICHITA STANDARD DETAILS:
<http://www.wichita.gov/PWU/Pages/Regulations.aspx>
- DEVELOPER FOR THIS PROJECT IS:
MR. FISHER WELLS, MANAGING MEMBER
BRIDGER DEVELOPMENT, LLC
5540 ELLSWORTH AVE.
DALLAS, TX 7506
314-800-3519

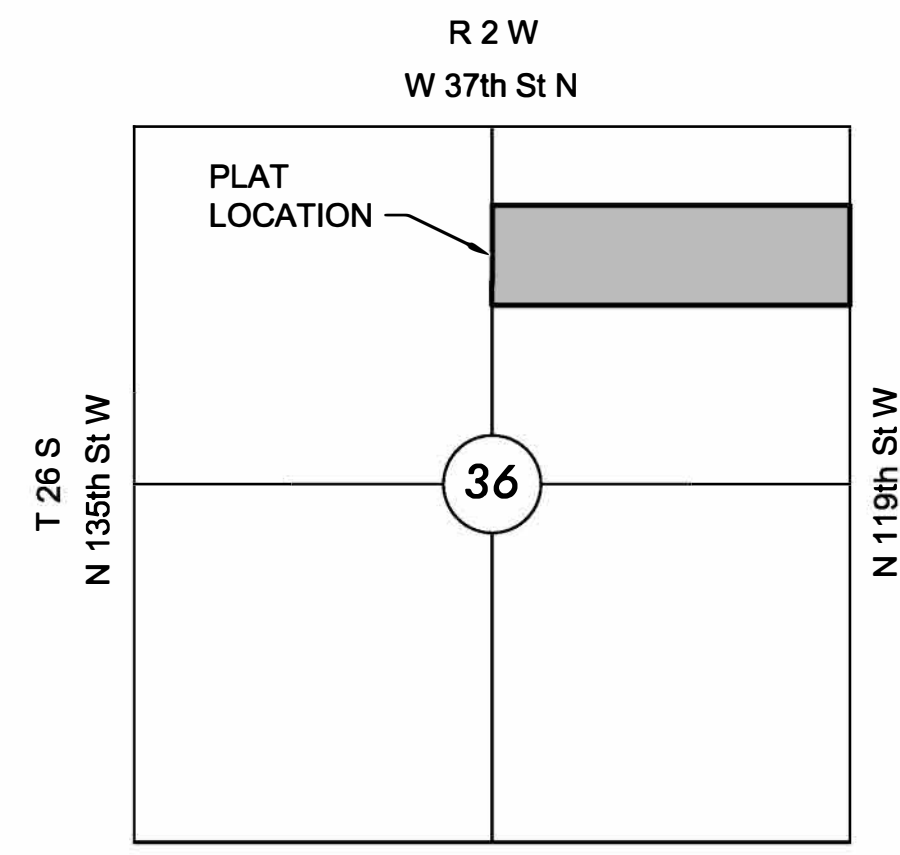
**SANITARY SEWER IMPROVEMENTS
TO SERVE**

THE HEIGHTS AT MAIZE ADDITION

PROJECT NO. 468-2023-037552
AN ADDITION TO THE CITY OF MAIZE, SEDGWICK COUNTY, KANSAS
ORG CODE 47270724
MUNIS NO. E4021

S. Lowe - City of Wichita, Field Project Engineer
As-built
Stubs & Risers
Release Date (for connection purposes only): 12/24/2024
Completion Date:
: apr 12/27/2024

SS PLANS
Company: City of Wichita
Contractor: Apex Excavating
Date: 12.24.24
Project was built per revised plans



VICINITY MAP
No Scale

INDEX TO DRAWINGS

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02-04	SAN DETAILS
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07	LINE 1A & 1B
08	LINES 1C & 1D & 1E
09	LINES 1F & 1G & 1H
10	LINE 2
11	LINE 3
12-14	RISER MAP
15-16	BUBBLE MAP
17-21	BMP DETAILS
22	FINAL PLAT

BENCHMARKS

DATUM:
THE HORIZONTAL DATUM IS BASED ON THE KANSAS COORDINATE SYSTEM OF 1983, NAD83(2011), EPOCH:2010.0000, SOUTH ZONE. COORDINATES SHOWN HAVE BEEN MODIFIED TO THE GROUND USING A COMBINED ADJUSTMENT FACTOR OF 1.0001200144. STATE PLANE COORDINATES CAN BE CALCULATED BY MULTIPLYING THE SHOWN VALUES BY 0.99988.

ALL ELEVATIONS SHOWN ARE BASED ON THE NAVD 88 VERTICAL DATUM, GEOID12B.

CONTROL POINTS:
CP100
DESCRIPTION OF CONTROL POINT: CPA
N=1706536.856, E=1607137.975
EL=1357.720

CP101
DESCRIPTION OF CONTROL POINT: CP
N=1707065.924, E=1607144.837
EL=1356.780

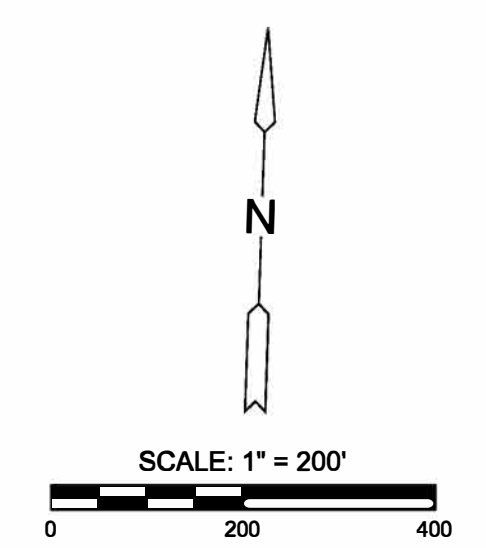
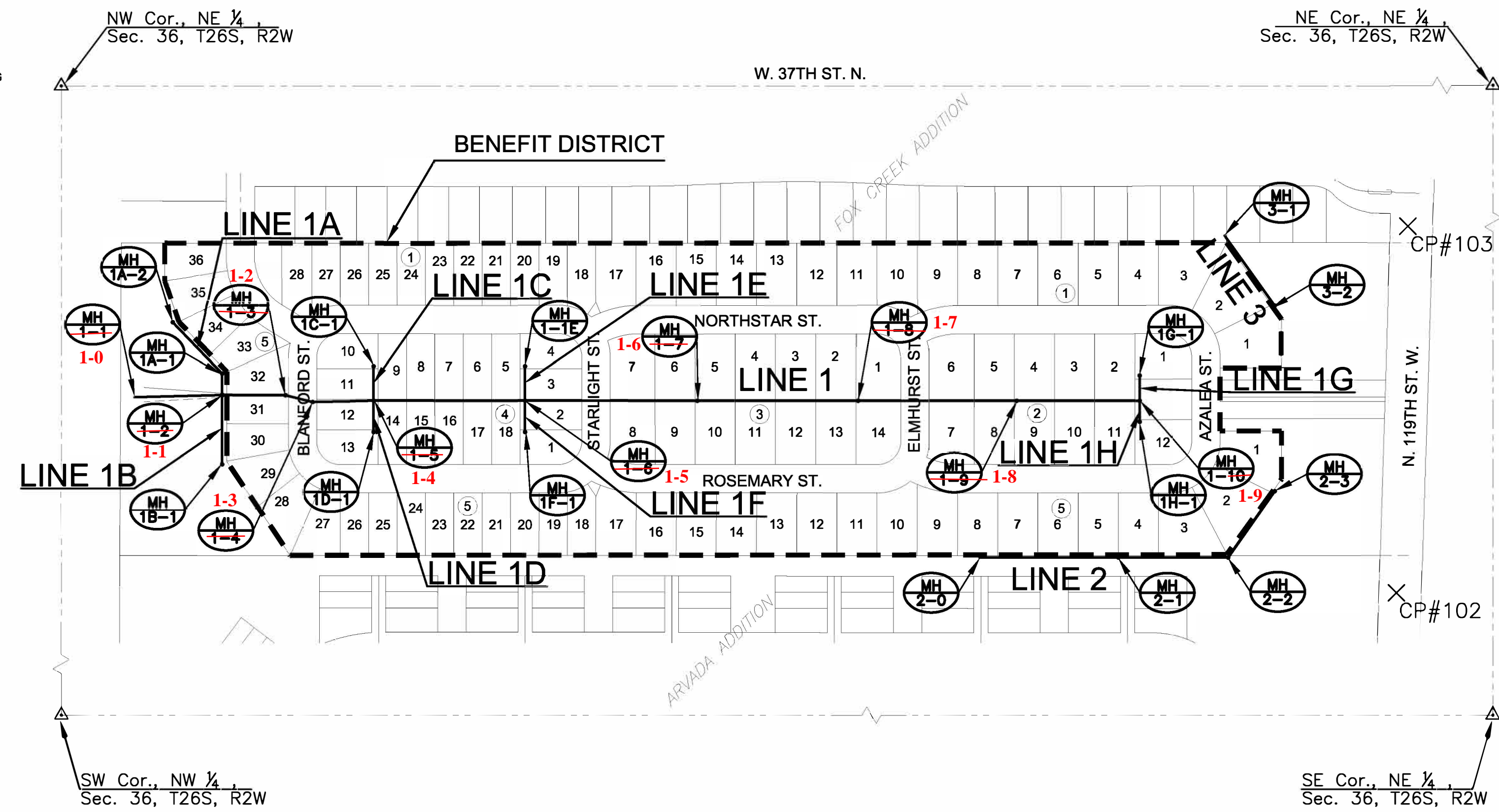
CP102
DESCRIPTION OF CONTROL POINT: CPA
N=1707734.938, E=1607166.789
EL=1357.740

CP103
DESCRIPTION OF CONTROL POINT: CPA
N=1708510.301, E=1607164.691
EL=1360.800

BENCHMARKS:
BM107
DESCRIPTION OF BENCHMARK: + CUT CENTER OF HEADWALL ON THE EAST SIDE OF 119TH STREET - 600' +/- NORTH OF THE SE CORNER OF THE OF THE N 1/4 S36 T26S R2W
EL= 1359.74 (88)

BM108
DESCRIPTION OF BENCHMARK: SQUARE CUT ON THE TOP OF CURB ON THE WEST BULLNOSE OF AN ISLAND - ON THE EAST SIDE OF ELMHURST ST AND THE CENTERLINE OF ARVADA BLVD
EL= 1364.945 (88)

NOTE:
ALL CONTROL POINTS SHOWN HAVE ELEVATIONS ESTABLISHED USING STANDARD SURVEYING PROCEDURES AND CAN BE USED AS TEMPORARY BENCHMARKS. WHEN USING A CONTROL POINT AS A TEMPORARY BENCHMARK, IT IS RECOMMENDED THAT CROSS-CHECKS BE MADE TO OTHER CONTROL POINTS OR BENCHMARKS TO CONFIRM ELEVATIONS PRIOR TO USE.



**SANITARY SEWER
THE HEIGHTS AT MAIZE ADDITION
MAIZE, KANSAS**

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TITLE SHEET

PROJECT NO.	469-2024-037552	
DATE	JAN. 2024	
SCALE	1" = 200'	
DESIGNED	DRAWN	CHECKED
DFL	BWS	SPE
NO.	REVISION	DATE
SHEET NO.		
01 OF 22		

PLOTTED: Monday, January 29, 2024 @ 09:22AM
 J:\PROJECTS\2023\230110\23_BRIDGER_THE HEIGHTS AT MAIZE\DWG 230229 CAD\SHS\T505 CIVIL\SS\230229-05-2000.DWG



Construction Engineering Division
 1801 S. McLean Blvd., Suite B
 Wichita KS, 67213
 (316) 268-4027

Sanitary Sewer Riser Table

Project Name: WDS_SS to serve The Heights at Maize Addition
Project Location: south of 37th Street N, west of 119th Street W
Project No: 468-2023-037552
MUNIS No: E4021/47270724
Contractor: Apex Excavating LLC
Inspector: Daniel Swinger

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)	Distance from		Comment
				Upstream MH	Downstream MH	
1	1	15+47.70	14' Lt.	280'	40'	
2	1	16+07.70	14' Lt.	220'	100'	
3	1	16+74.50	14' Lt.	154'	167'	
4	1	17+27.70	14' Lt.	100'	220'	
5	1	17+87.70	14' Lt.	40'	280'	
6	1	20+17.70	14' Lt.	175'	190'	
7	1	20+92.70	14' Lt.	100'	265'	
8	1	21+12.70	14' Lt.	80'	285'	
9	1	21+77.70	14' Lt.	15'	349'	
10	1	21+92.70	14' Lt.	365'	339'	At MH 1-6
11	1	22+62.70	14' Lt.	270'	70'	
12	1	22+82.70	14' Lt.	251'	91'	
13	1	23+47.70	14' Lt.	184'	156'	
14	1	23+67.70	14' Lt.	165'	175'	
15	1	24+32.70	14' Lt.	100'	240'	
16	1	24+52.70	14' Lt.	80'	260'	
17	1	25+17.70	14' Lt.	15'	324'	
18	1	25+32.70	14' Lt.	334'	340'	At MH 1-7
19	1	26+92.70	14' Lt.	174'	160'	
20	1	27+67.70	14' Lt.	100'	234'	
21	1	27+87.70	14' Lt.	79'	255'	
22	1	28+52.70	14' Lt.	14'	319'	
23	1	28+67.70	14' Lt.	260'	334'	At MH 1-8
24	1	29+37.70	14' Lt.	190'	70'	
25	1	29+57.70	14' Lt.	170'	90'	
26	1	30+22.70	14' Lt.	105'	155'	
27	1	30+42.70	14' Lt.	85'	175'	
28	1	31+07.70	14' Lt.	21'	239'	
29	Arvada	12+08.55	21' Lt.	186'	208'	
30	Arvada	12+66.67	20' Lt.	128'	266'	
31	Arvada	13+46.50	20' Lt.	48'	346'	
32	Arvada	14+06.50	20' Lt.	298'	12'	
33	Arvada	14+66.50	20' Lt.	237'	73'	
34	Arvada	15+26.50	20' Lt.	178'	132'	
35	Arvada	15+86.50	20' Lt.	118'	192'	
36	Arvada	16+46.50	20' Lt.	58'	252'	
37	Arvada	17+04.31	20' Lt.	310'	310'	At MH (Arvada SS)
38	Arvada	17+66.50	20' Lt.	248'	62'	



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MUNIS No: E4021/47270724
Contractor: Apex Excavating LLC
Inspector: Daniel Swinger

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)	Distance from		Comment
				Upstream MH	Downstream MH	
39	Arvada	18+26.50	20' Lt.	188'	122'	
40	Arvada	18+66.50	20' Lt.	148'	162'	
41	Arvada	19+31.50	20' Lt.	83'	227'	
42	Arvada	19+51.50	20' Lt.	63'	247'	
43	Arvada	20+14.30	20' Lt.	344'	310'	At MH (Arvada SS)
44	Arvada	20+36.50	20' Lt.	321'	23'	
45	Arvada	21+01.50	20' Lt.	257'	87'	
46	Arvada	21+21.50	20' Lt.	237'	107'	
47	Arvada	21+86.50	20' Lt.	172'	172'	
48	Arvada	22+06.50	20' Lt.	152'	192'	
49	Arvada	22+71.50	20' Lt.	86'	258'	
50	Arvada	22+91.50	20' Lt.	67'	277'	
51	Arvada	23+58.30	20' Lt.	310'	344'	At MH (Arvada SS)
52	Arvada	23+76.50	20' Lt.	292'	18'	
53	Arvada	24+41.50	20' Lt.	227'	83'	
54	Arvada	24+61.50	20' Lt.	207'	103'	
55	Arvada	25+26.50	20' Lt.	142'	168'	
56	Arvada	25+46.50	20' Lt.	122'	188'	
57	Arvada	26+11.50	20' Lt.	57'	253'	
58	Arvada	26+31.50	20' Lt.	37'	273'	
59	2	10+28.33	20' Lt.	262'	28'	
60	2	10+48.34	20' Lt.	244'	48'	
61	2	11+13.34	20' Lt.	178'	114'	
62	2	11+33.34	20' Lt.	158'	134'	
63	2	11+98.34	20' Lt.	94'	198'	
64	2	12+18.34	20' Lt.	74'	218'	
65	2	12+83.33	20' Lt.	9'	283'	
66	2	13+03.34	20' Lt.	224'	12'	
67	2	13+68.34	20' Lt.	159'	77'	
68	2	13+88.34	20' Lt.	138'	98'	
69	2	15+06.94	20' Lt.	21'	215'	
70	2	15+44.82	13' Lt.	151'	7'	
71	Fox Creek	01+26.61	14' Rt.	55'	127'	
72	Fox Creek	03+41.80	27' Rt.	190'	82'	
73	Fox Creek	04+03.75	27' Rt.	128'	144'	
74	Fox Creek	04+49.75	27' Rt.	82'	190'	moved 14' WLY from plan
75	Fox Creek	05+23.75	27' Rt.	8'	264'	
76	Fox Creek	05+83.71	27' Rt.	289'	51'	



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Project No: 468-2023-037552
MUNIS No: E4021/47270724
Contractor: Apex Excavating LLC
Inspector: Daniel Swinger

Riser No.	Line No.	Station	Distance from Main to Riser (Lt./Rt.)	Distance from		Comment
				Upstream MH	Downstream MH	
77	Fox Creek	06+43.81	27' Rt.	229'	111'	
78	Fox Creek	07+03.80	27' Rt.	168'	172'	
79	Fox Creek	07+63.81	27' Rt.	109'	231'	
80	Fox Creek	08+23.81	27' Rt.	49'	291'	
81	Fox Creek	08+87.68	27' Rt.	354'	15'	moved 4' ELY from plan
82	Fox Creek	09+43.86	27' Rt.	299'	70'	
83	Fox Creek	09+83.70	25' Rt.	259'	110'	
84	Fox Creek	10+48.70	25' Rt.	194'	175'	
85	Fox Creek	10+68.70	25' Rt.	174'	195'	
86	Fox Creek	11+33.70	25' Rt.	109'	261'	
87	Fox Creek	11+53.70	25' Rt.	89'	280'	
88	Fox Creek	12+18.67	25' Rt.	24'	345'	
89	Fox Creek	12+42.65	25' Rt.	350'	369'	
90	Fox Creek	13+00.66	25' Rt.	292'	58'	moved 3' WLY from plan
91	Fox Creek	13+26.66	25' Rt.	266'	84'	moved 3' ELY from plan
92	Fox Creek	13+88.56	25' Rt.	204'	146'	
93	Fox Creek	14+08.66	25' Rt.	184'	166'	
94	Fox Creek	14+73.66	25' Rt.	119'	231'	
95	Fox Creek	14+93.66	25' Rt.	99'	251'	
96	Fox Creek	15+58.66	25' Rt.	34'	316'	
97	Fox Creek	15+75.66	25' Rt.	17'	333'	moved 3' WLY from plan
98	Fox Creek	16+43.70	26' Rt.	309'	51'	
99	Fox Creek	16+63.70	26' Rt.	289'	71'	
100	Fox Creek	17+28.68	26' Rt.	224'	136'	
101	Fox Creek	17+48.68	26' Rt.	205'	155'	
102	Fox Creek	18+08.70	26' Rt.	144'	216'	moved 5' WLY from plan
103	Fox Creek	18+33.70	26' Rt.	119'	241'	
104	Fox Creek	18+98.68	26' Rt.	55'	305'	
105	Fox Creek	19+18.70	26' Rt.	35'	325'	
106	Fox Creek	19+83.78	26' Rt.	319'	31'	
107	Fox Creek	20+03.78	26' Rt.	299'	51'	
108	Fox Creek	20+68.88	26' Rt.	234'	116'	
109	Fox Creek	20+88.78	26' Rt.	214'	136'	
110	Fox Creek	21+53.78	26' Rt.	150'	200'	
111	Fox Creek	21+78.72	26' Rt.	124'	226'	moved 5' ELY from plan
112	Fox Creek	22+92.85	26' Rt.	11'	339'	

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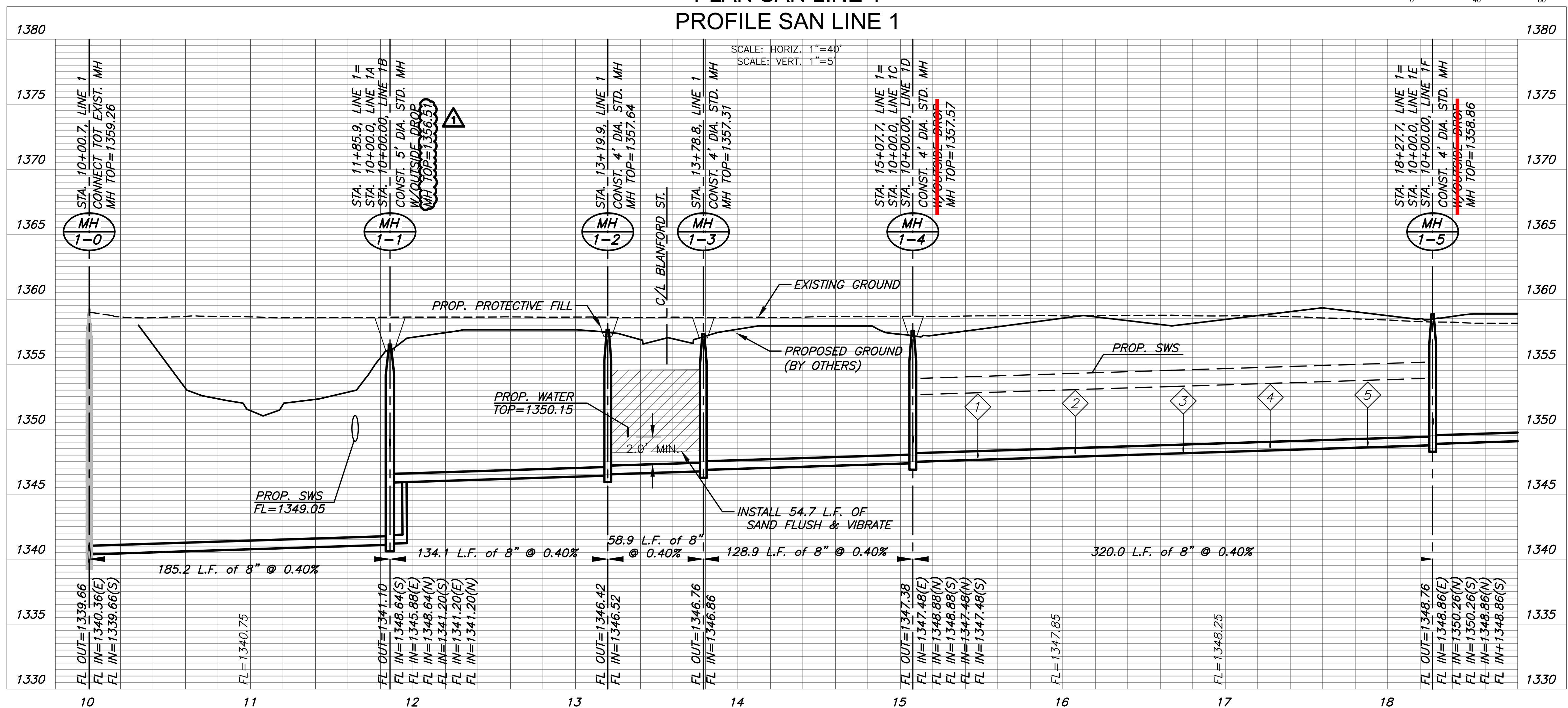
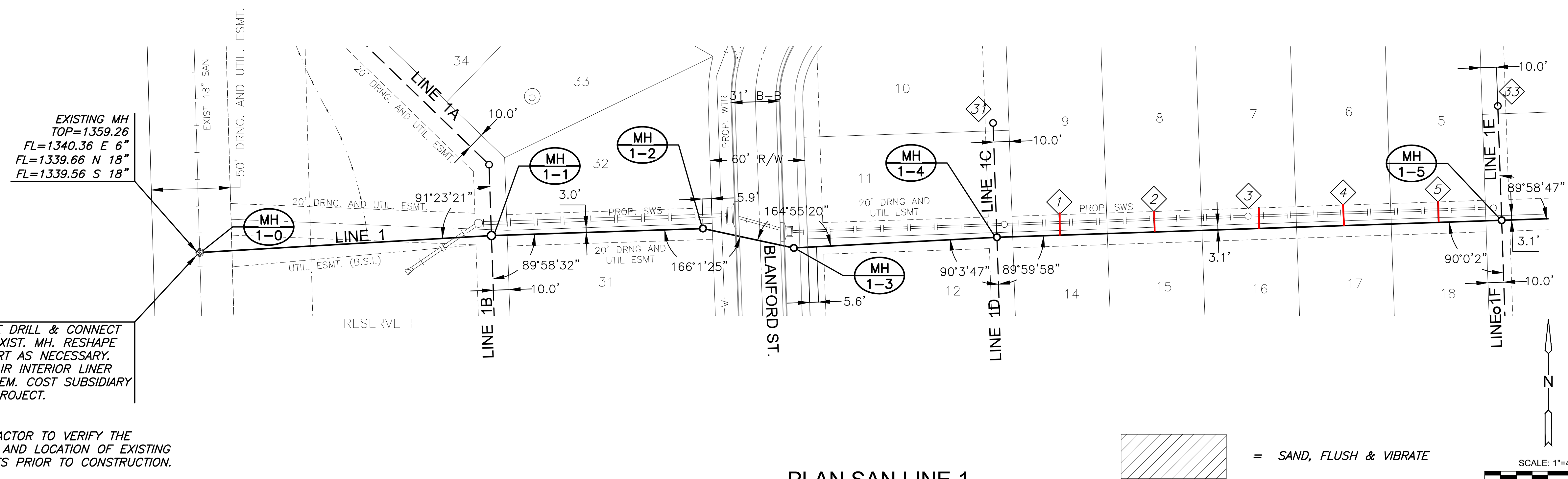
SANITARY SEWER
THE HEIGHTS AT MAIZE ADDITION
 MAIZE, KANSAS

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SAN LINE 1

PROJECT NO.	468-2023-037552
DATE	JAN. 2024
SCALE	1"=40'
DESIGNED	DFL
DRAWN	BWS
CHECKED	SPE

1	ADJUSTED MH TOPS	04/09/2024
NO.	REVISION	DATE



J:\PROJECTS\2023\01\0220_BRIDGE_THE HEIGHTS AT MAIZE\00 230220 CAD\SHITS\05 CIVIL\SAN\230220-05-2300.DWG

SANITARY SEWER
THE HEIGHTS AT MAIZE ADDITION
 MAIZE, KANSAS

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SAN LINE 1 (CONT.)

PROJECT NO. 469-2024-037552

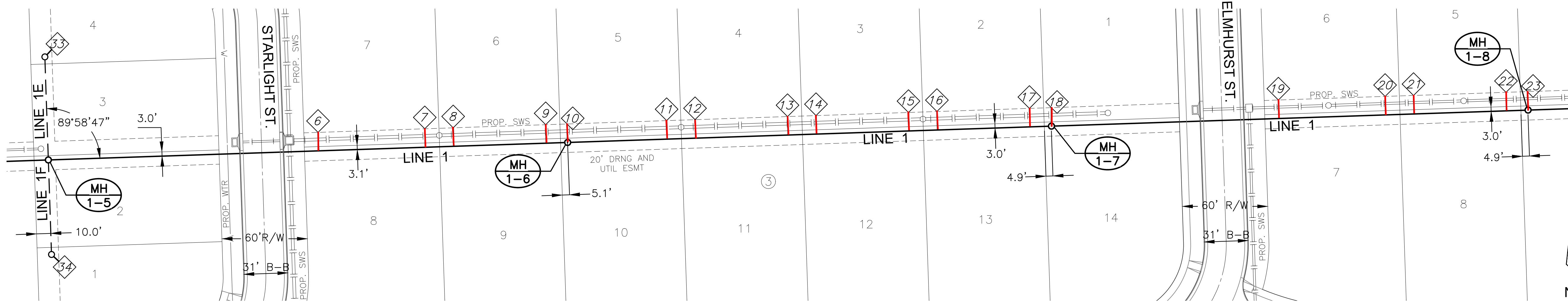
DATE JAN. 2024

SCALE 1"=40'

DESIGNED DFL DRAWN BWS CHECKED SPE

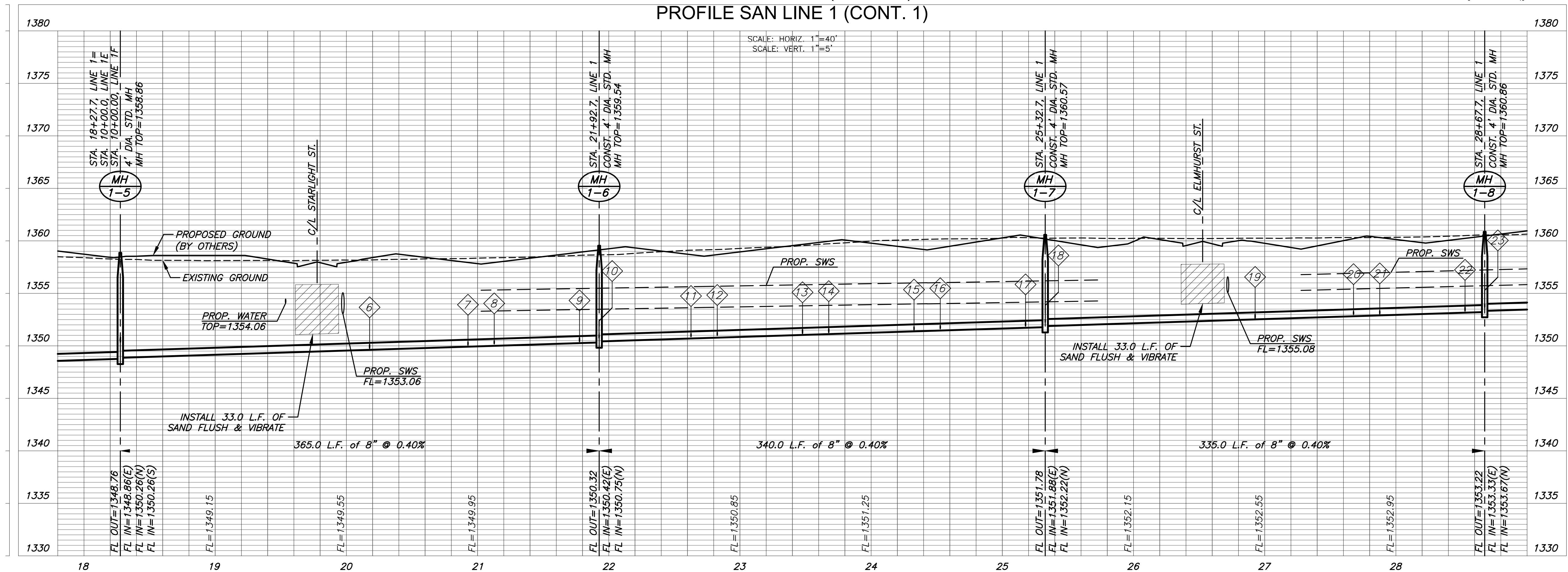
NO.	REVISION	DATE

SHEET NO.



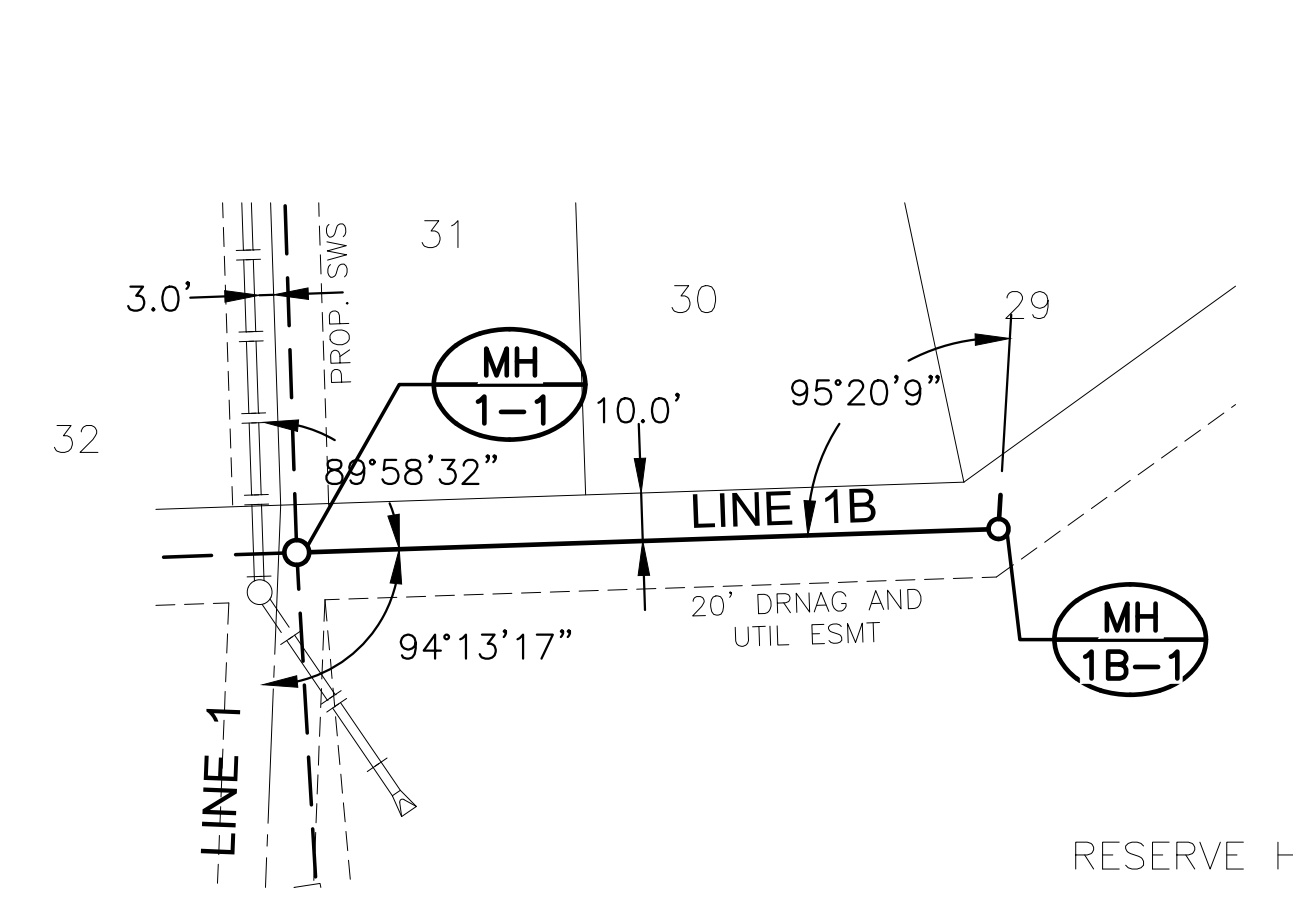
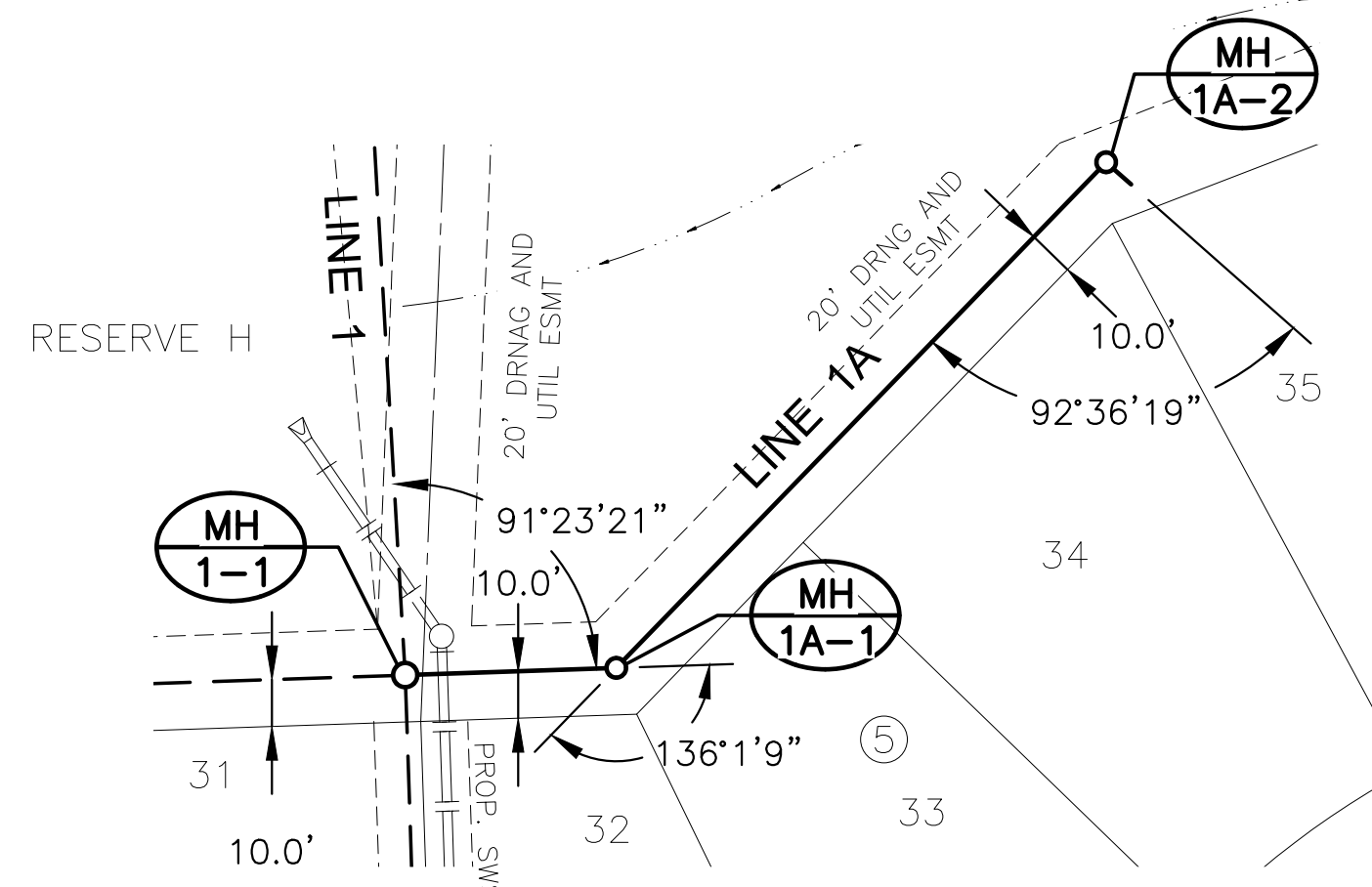
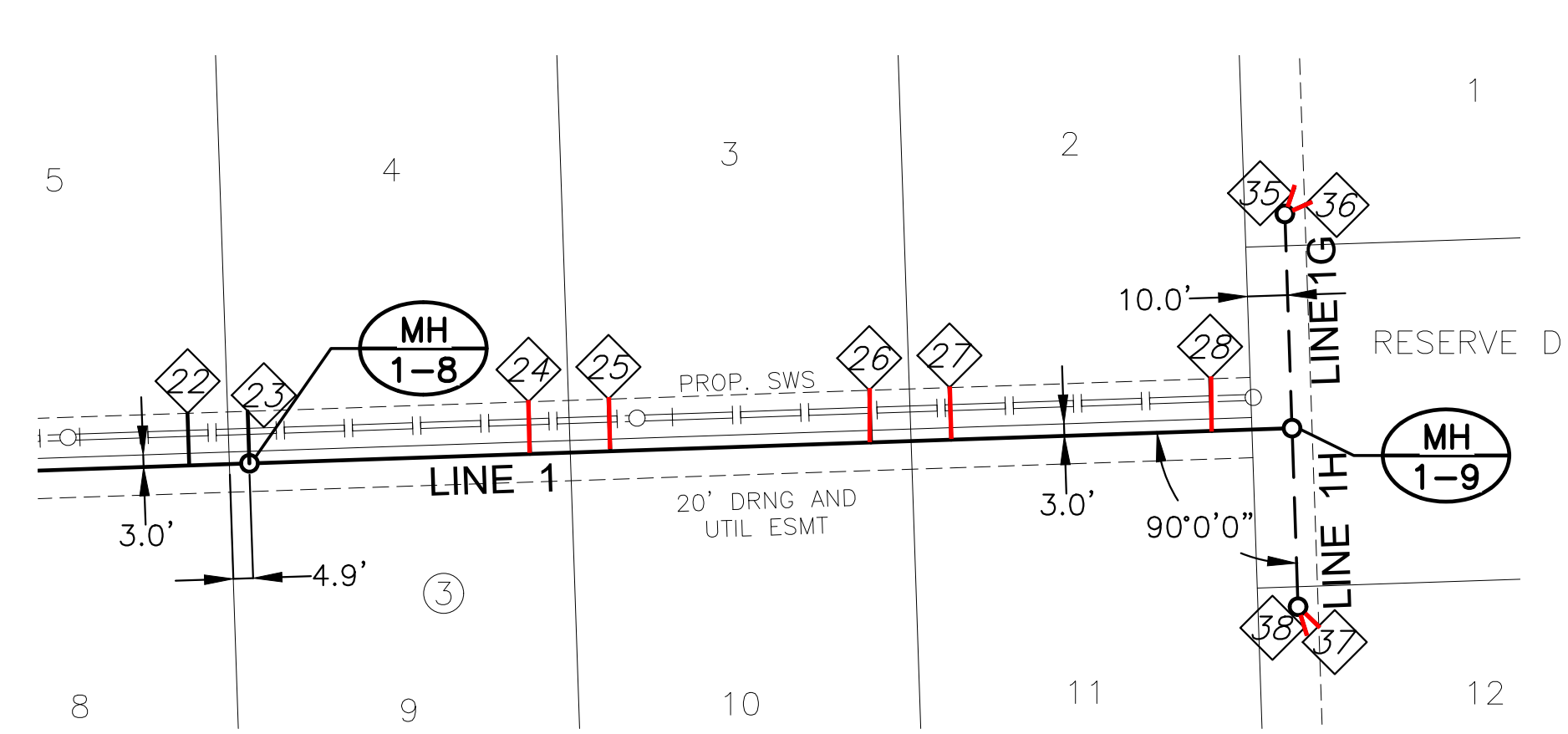
NOTE:
CONTRACTOR TO VERIFY THE DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

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PROFILE SAN LINE 1 (CONT. 1)



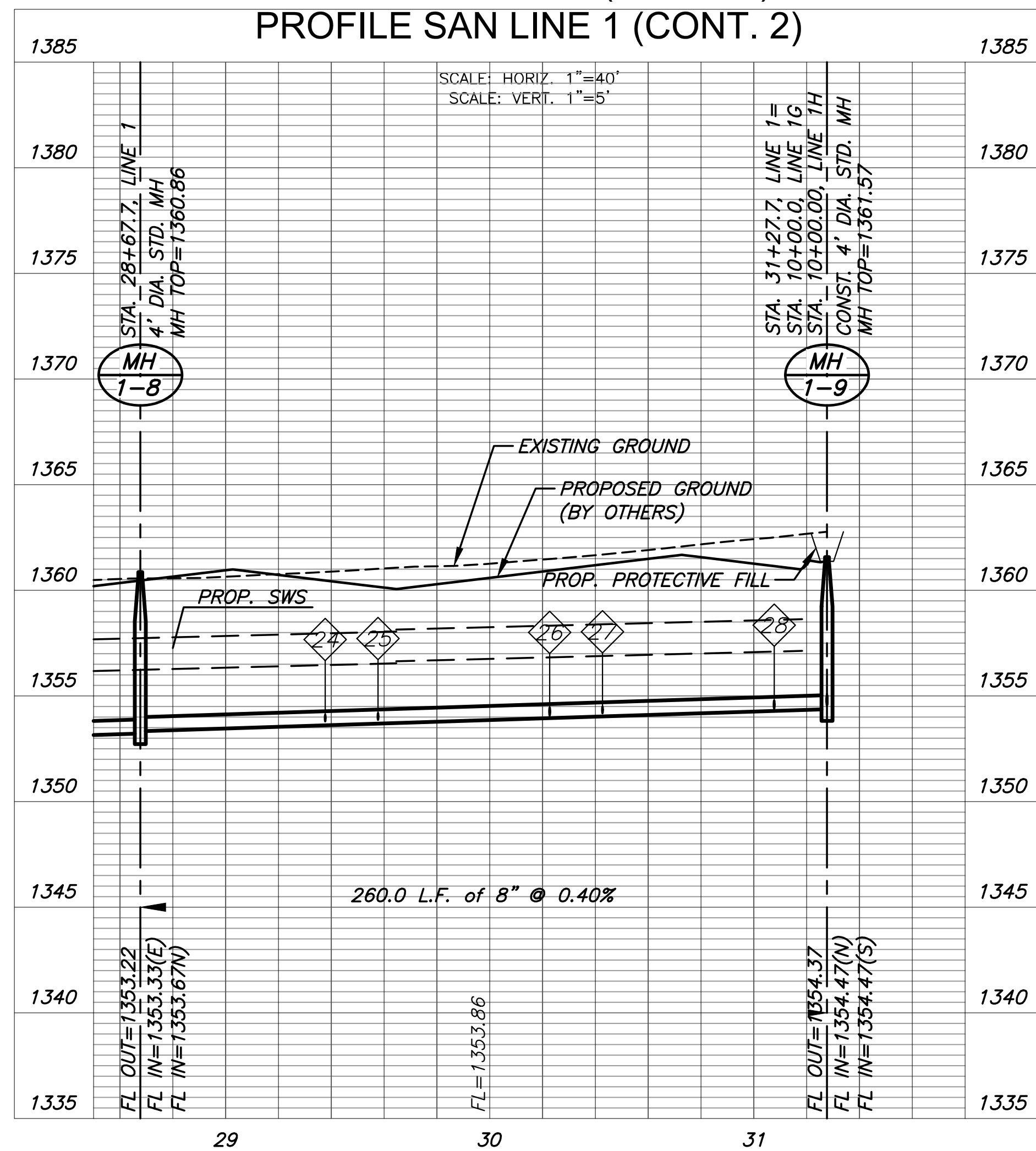
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PLOTTED: Tuesday, April 09, 2024 @ 04:55PM

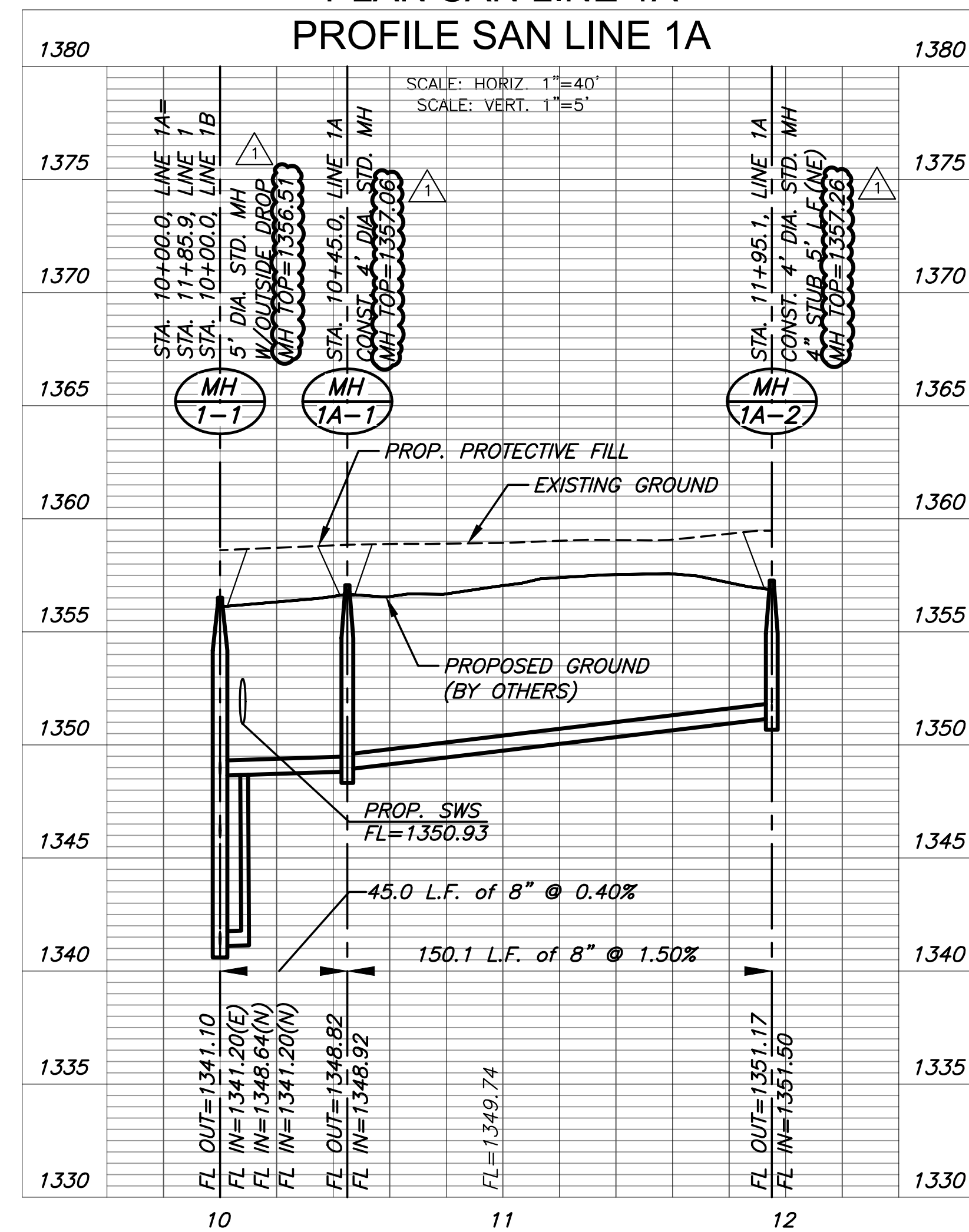


NOTE:
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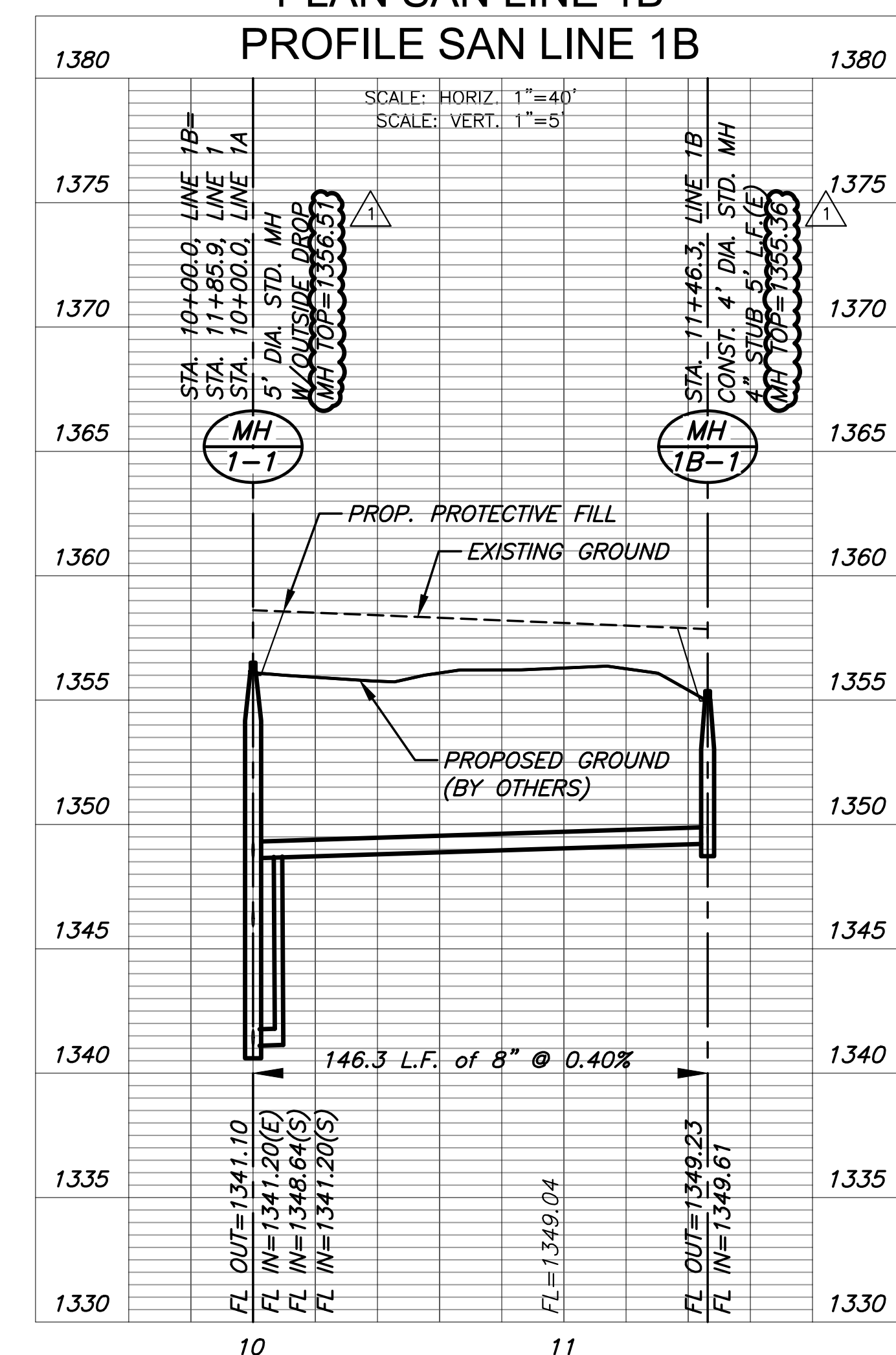
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PROFILE SAN LINE 1 (CONT. 2)



PLAN SAN LINE 1A
PROFILE SAN LINE 1A



PLAN SAN LINE 1B
PROFILE SAN LINE 1B



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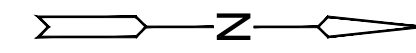
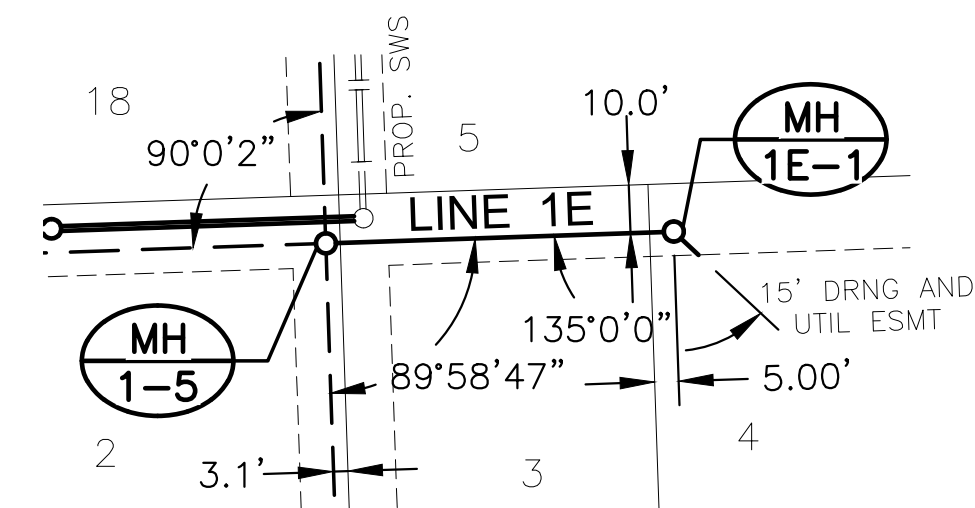
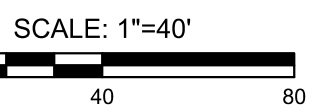
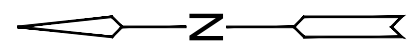
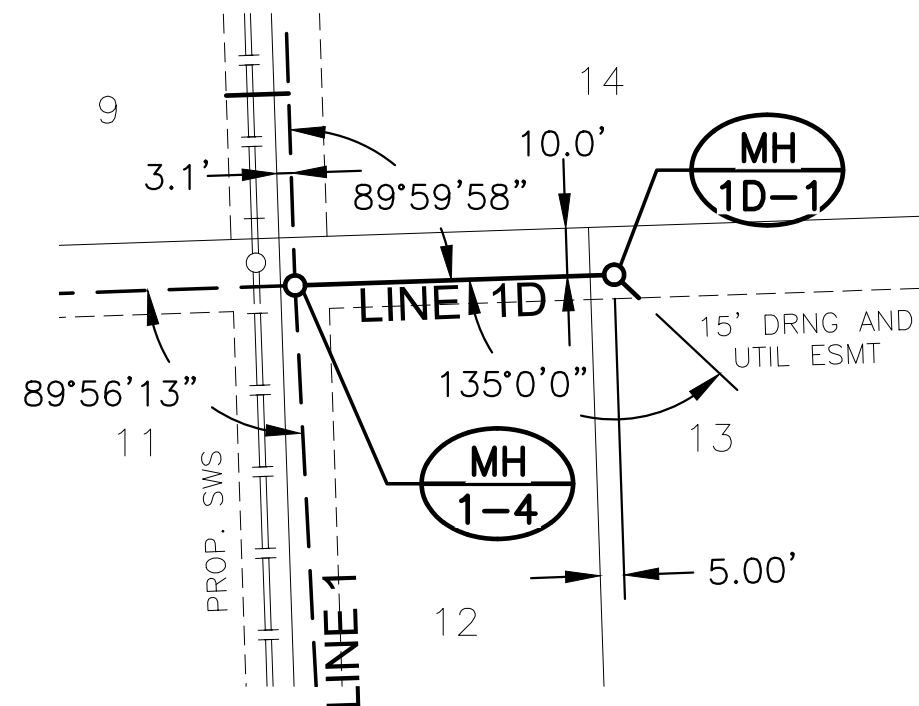
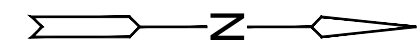
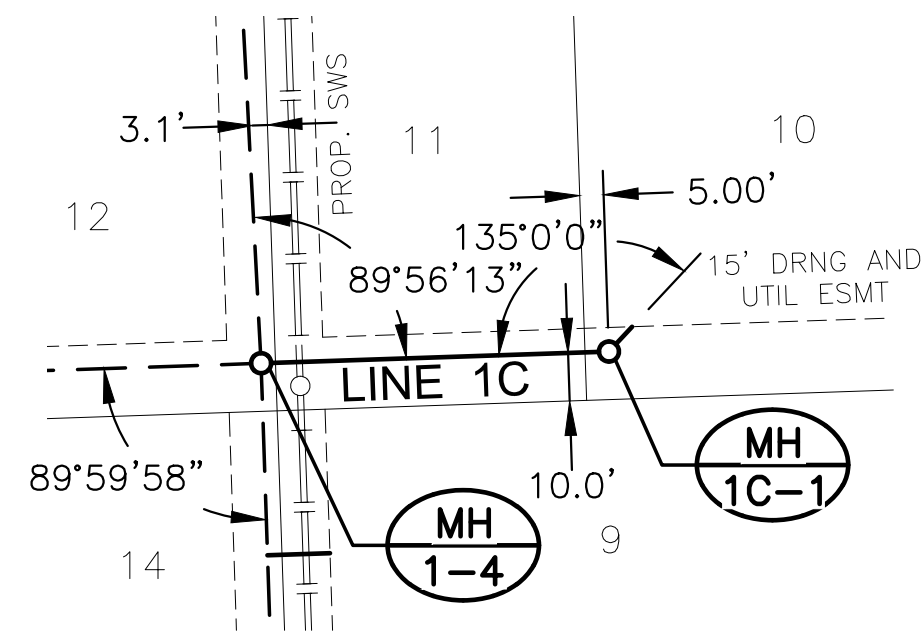


SANITARY SEWER
THE HEIGHTS AT MAIZE ADDITION
MAIZE, KANSAS

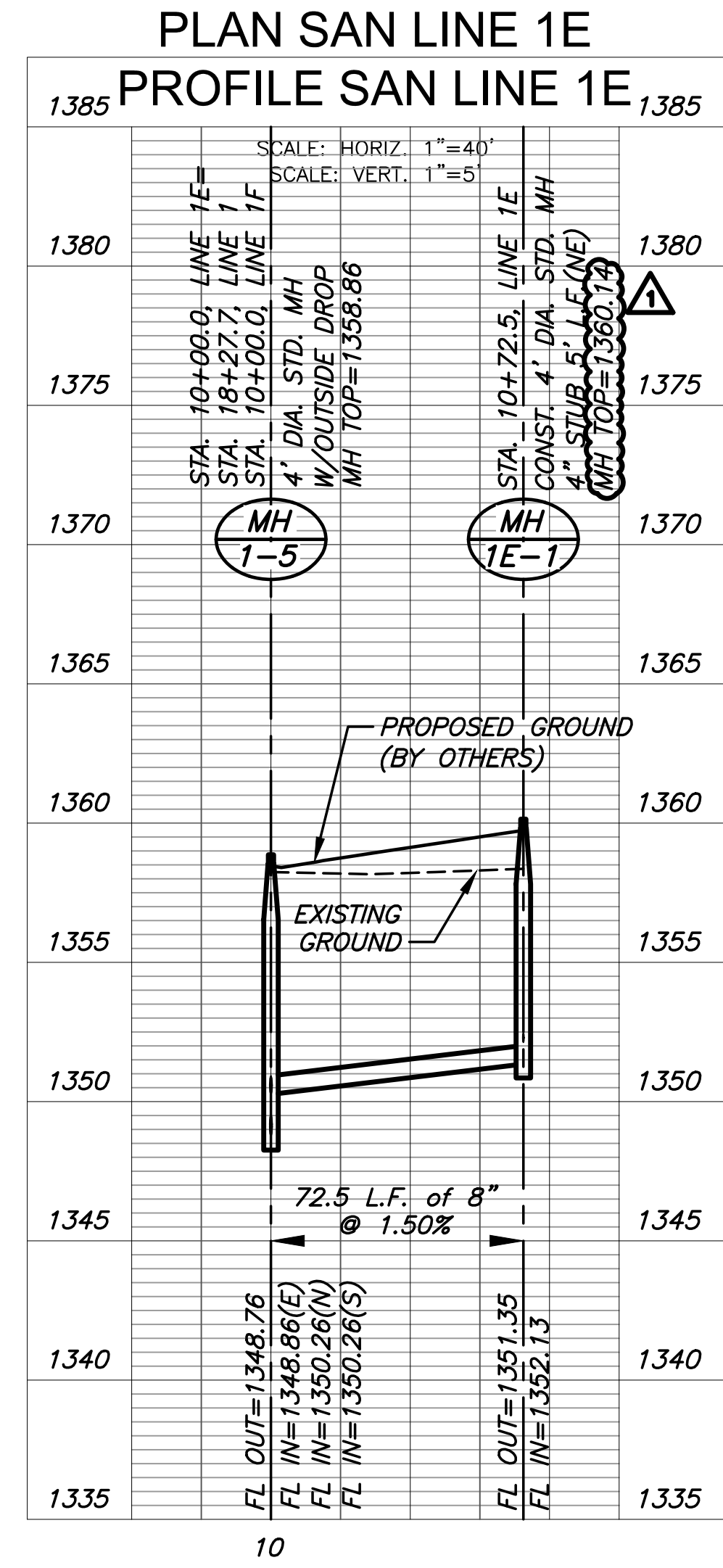
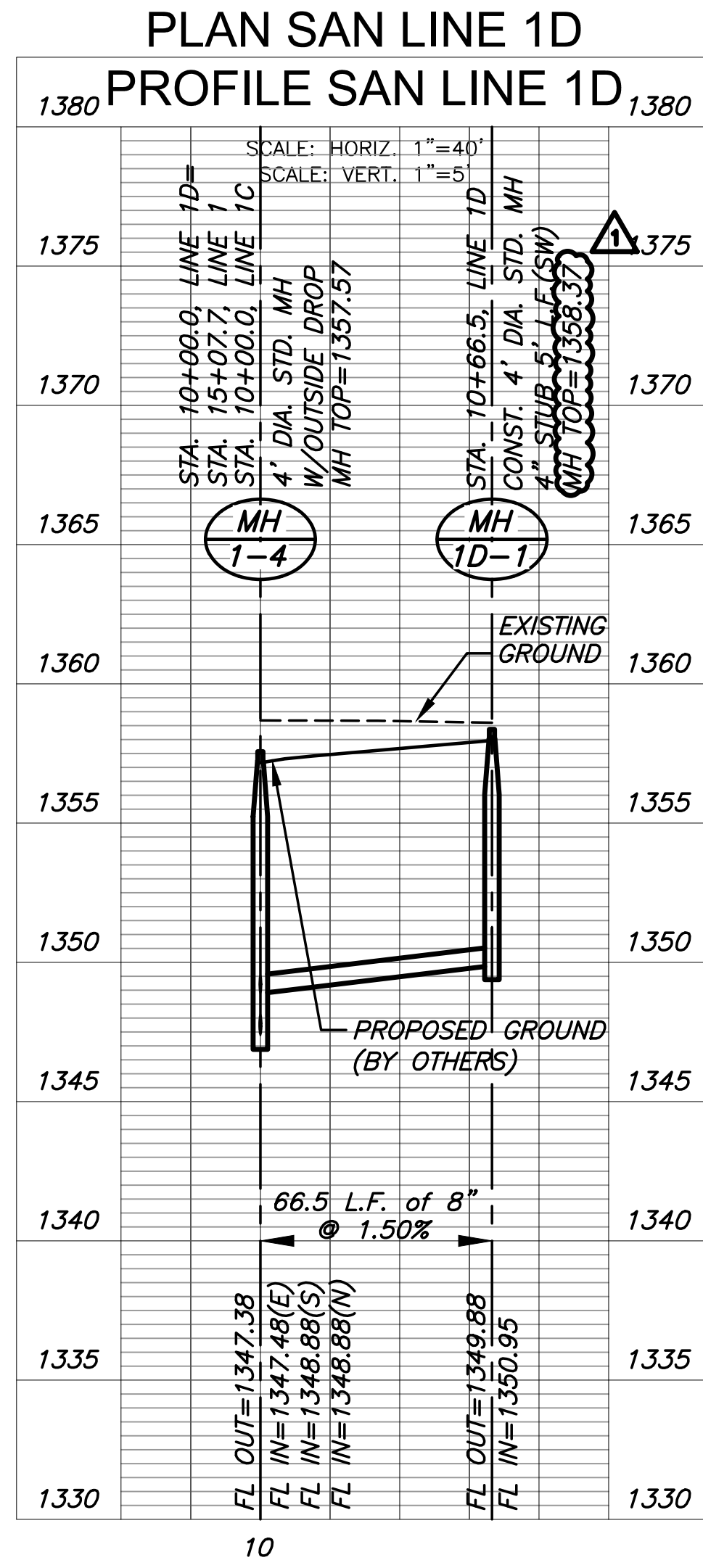
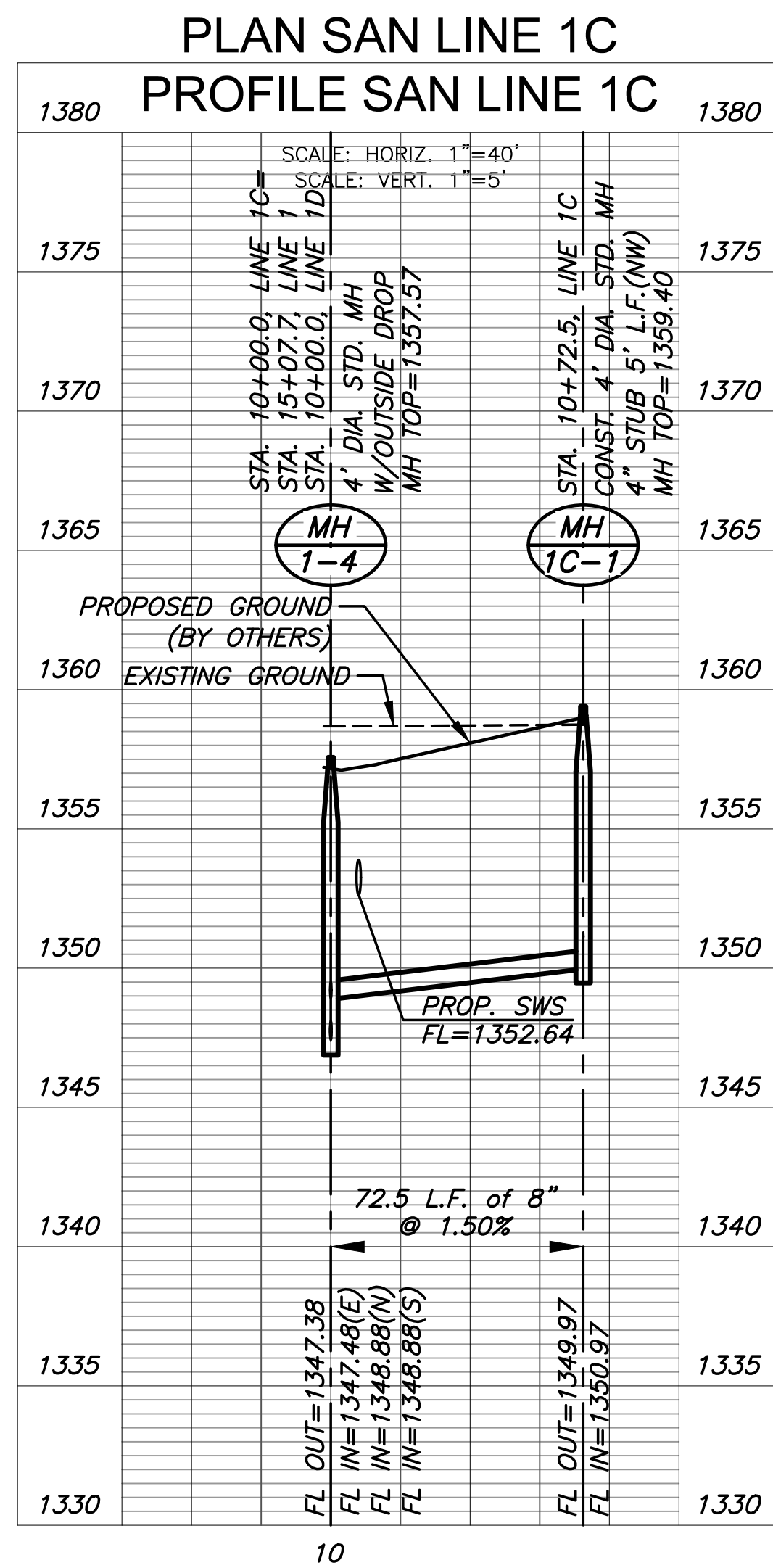
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SAN LINE 1 (CONT. 2) & LINE 1A & LINE 1B		
PROJECT NO.	468-2023-037552	
DATE	JAN. 2024	
SCALE	1"=40'	
DESIGNED	DRAWN	CHECKED
DFL	BWS	SPE
NO.	ADJUSTED MH TOPS	04/08/2024
	REVISION	DATE
SHEET NO. 07 OF 22		

SANITARY SEWER
THE HEIGHTS AT MAIZE ADDITION
 MAIZE, KANSAS



NOTE:
CONTRACTOR TO VERIFY THE
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SAN LINE 1C & LINE 1D & LINE 1E

PROJECT NO. 468-2023-037552

DATE JAN. 2024

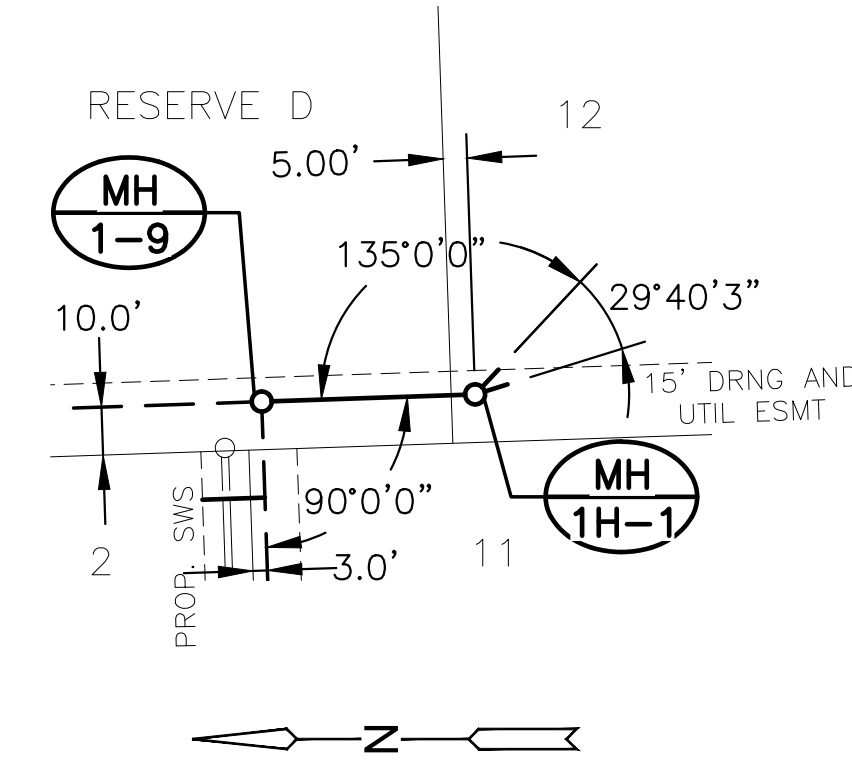
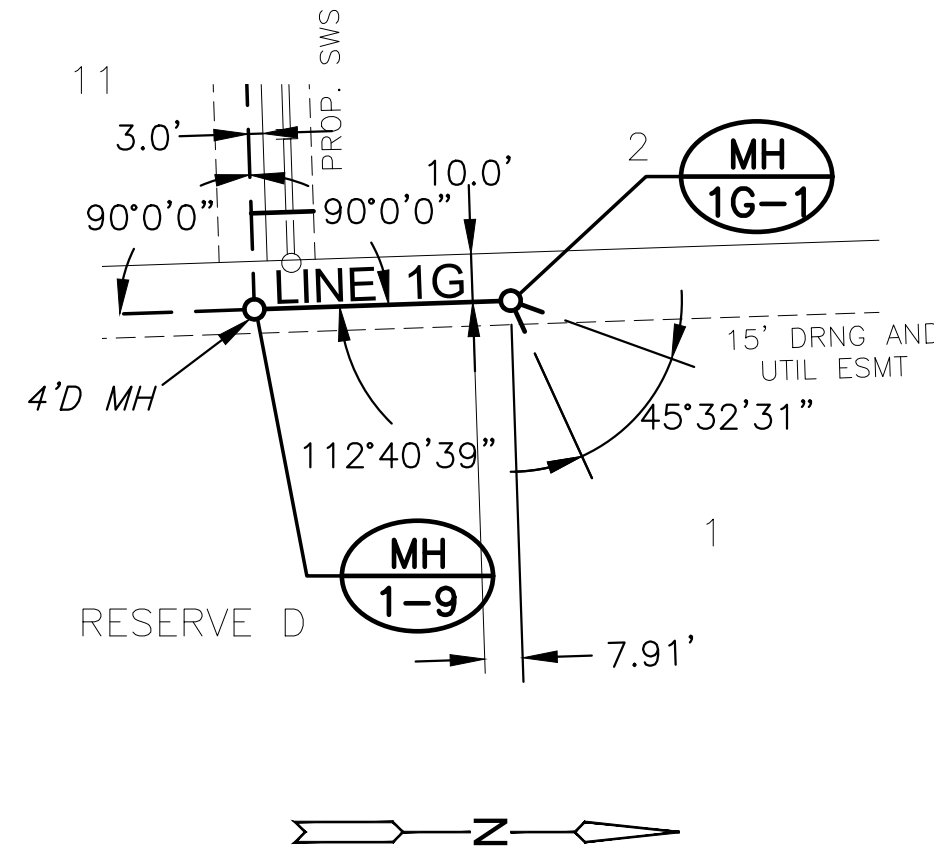
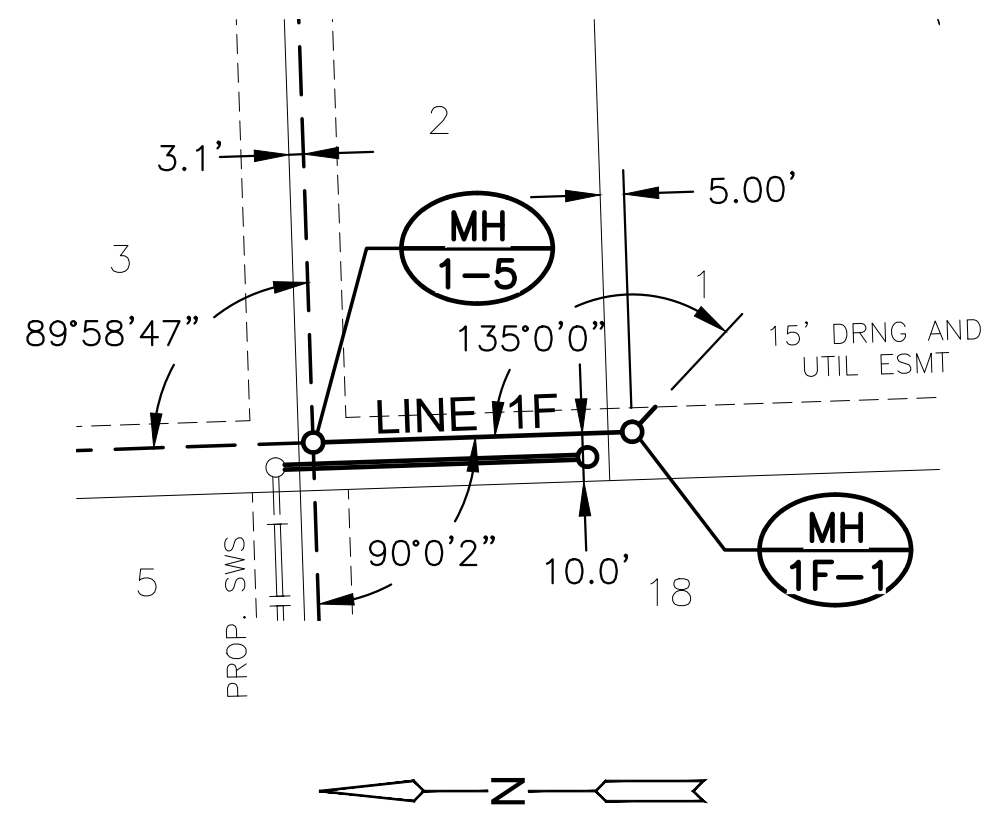
SCALE 1"=40'

DESIGNED DFL DRAWN BWS CHECKED SPE

1 ADJUSTED MH TOPS 04/09/2024
NO. REVISION DATE

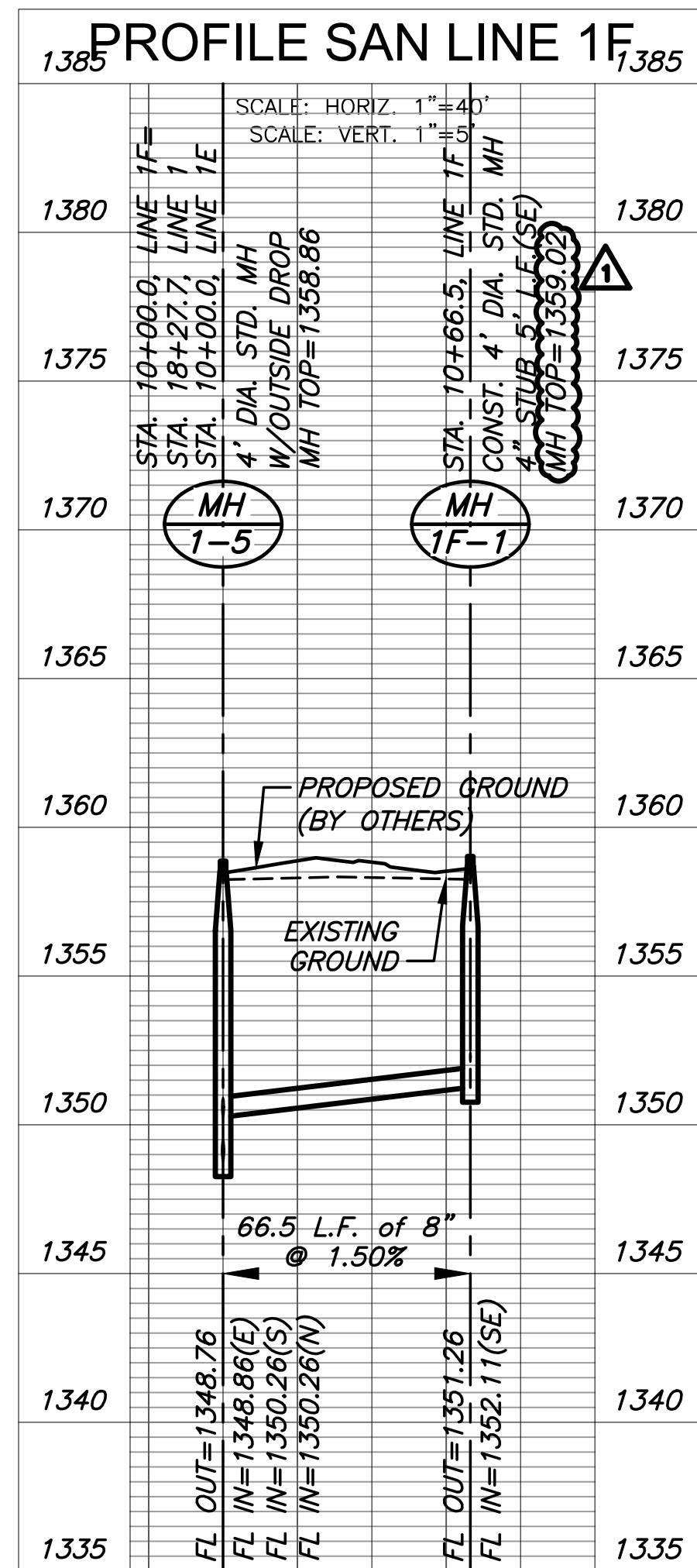
SHEET NO.

SANITARY SEWER
THE HEIGHTS AT MAIZE ADDITION
 MAIZE, KANSAS

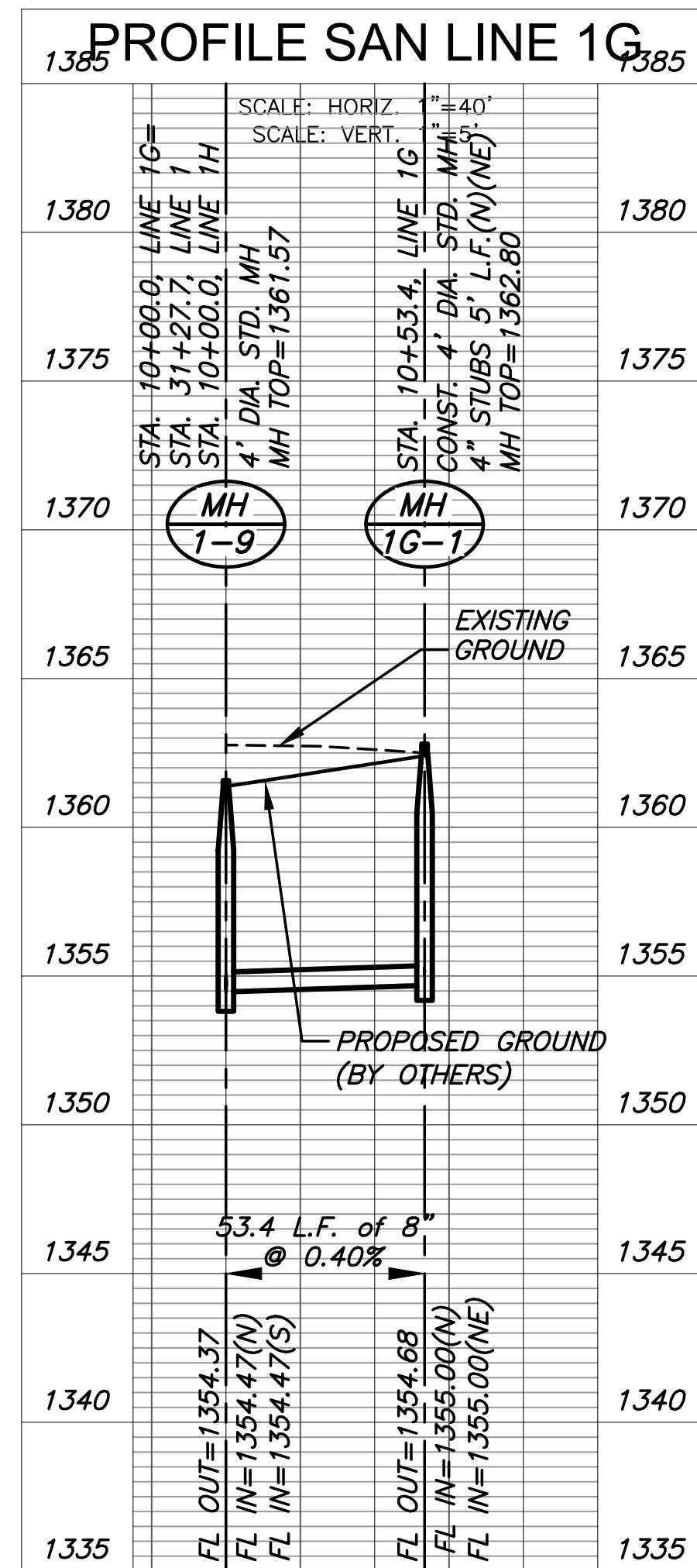


NOTE:
CONTRACTOR TO VERIFY THE DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

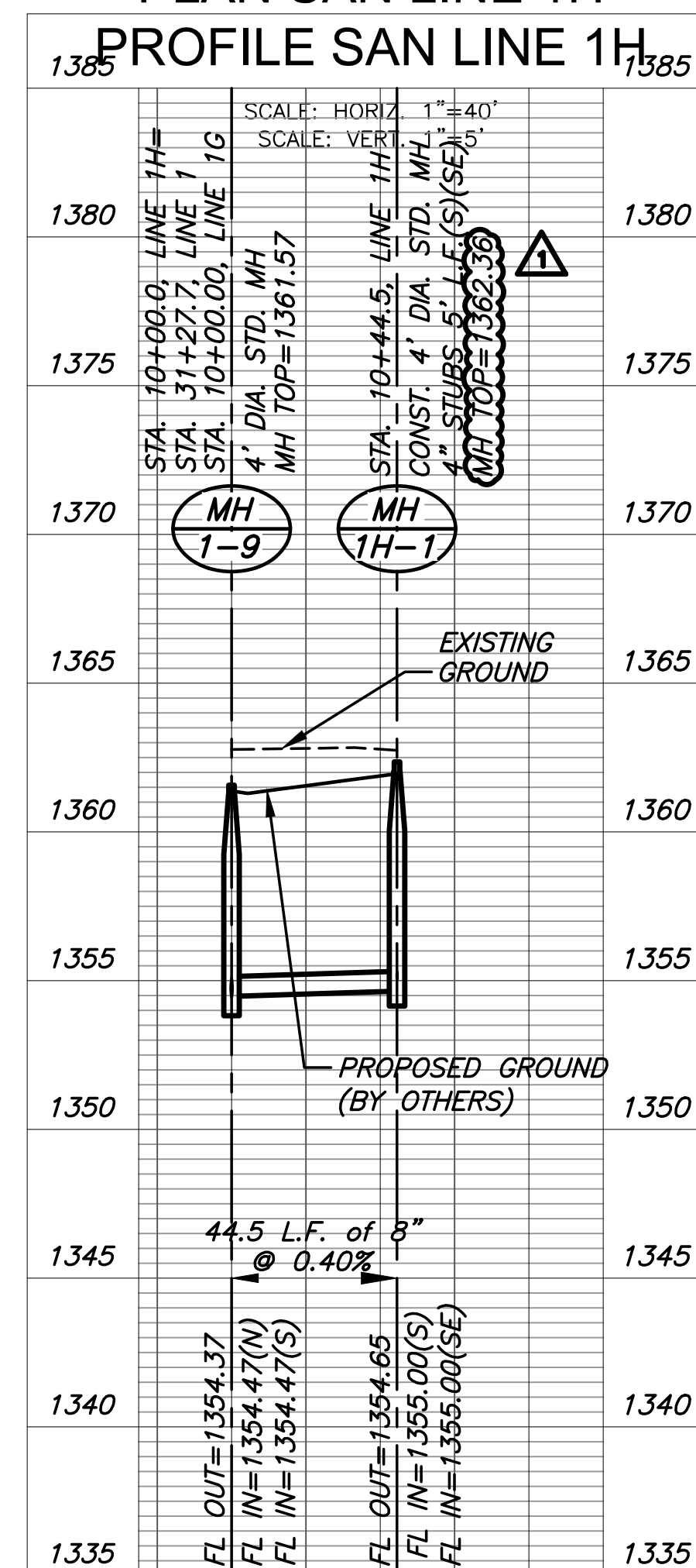
PLAN SAN LINE 1F



PLAN SAN LINE 1G



PLAN SAN LINE 1H



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SAN LINE 1F & LINE 1G & LINE 1H

PROJECT NO. 468-2023-037552

DATE JAN. 2024

SCALE 1"=40'

DESIGNED DRAWN CHECKED
DFL BWS SPE

1 ADJUSTED MH TOPS 04/09/2024
NO. REVISION DATE

SHEET NO.

PLOTTED: Tuesday, August 13, 2024 @ 11:32AM

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SANITARY SEWER
THE HEIGHTS AT MAIZE ADDITION
 MAIZE, KANSAS

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SAN LINE 2

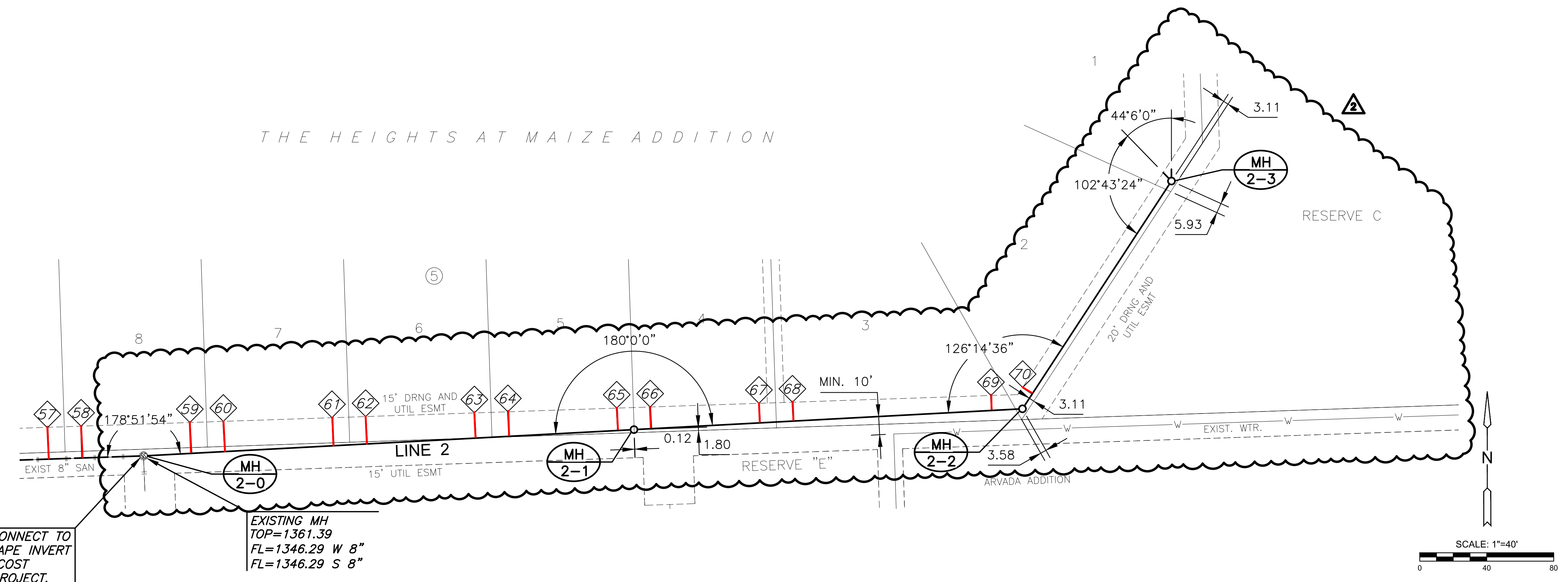
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DATE	AUG. 2024	
SCALE	1"=40'	
DESIGNED	DRAWN	CHECKED
DFL	BWS	SPE
NO.	REVISION	DATE
2	ADJUSTED LINE 2	08/13/2024
1	ADJUSTED MH TOPS	04/09/2024

SHEET NO.
10 OF 22

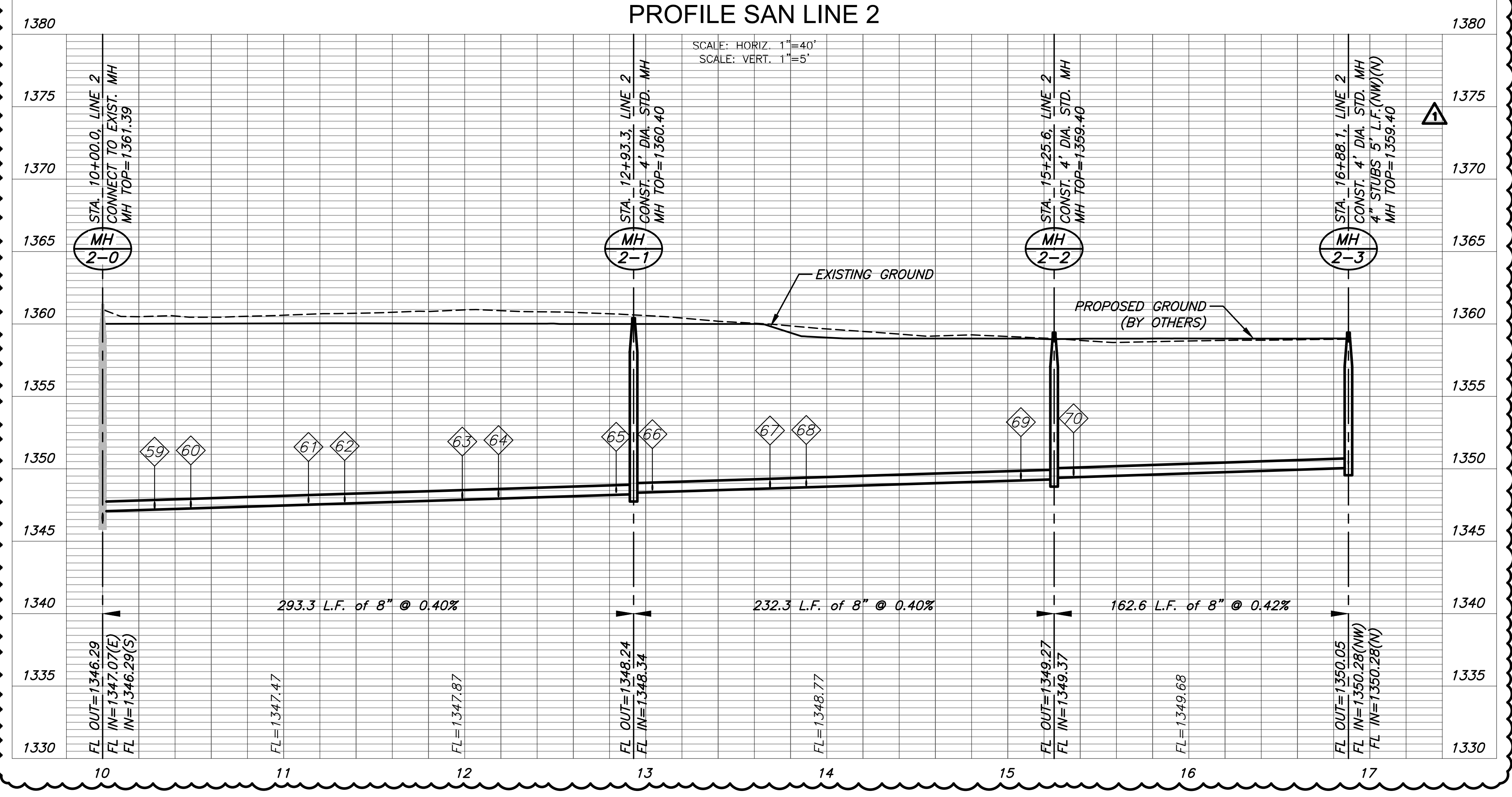
THE HEIGHTS AT MAIZE ADDITION

NOTE:
CONTRACTOR TO VERIFY THE DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

CORE DRILL & CONNECT TO EXIST. MH. RESHAPE INVERT AS NECESSARY. COST SUBSIDIARY TO PROJECT.



PLAN SAN LINE 2
PROFILE SAN LINE 2



SANITARY SEWER
THE HEIGHTS AT MAIZE ADDITION
 MAIZE, KANSAS

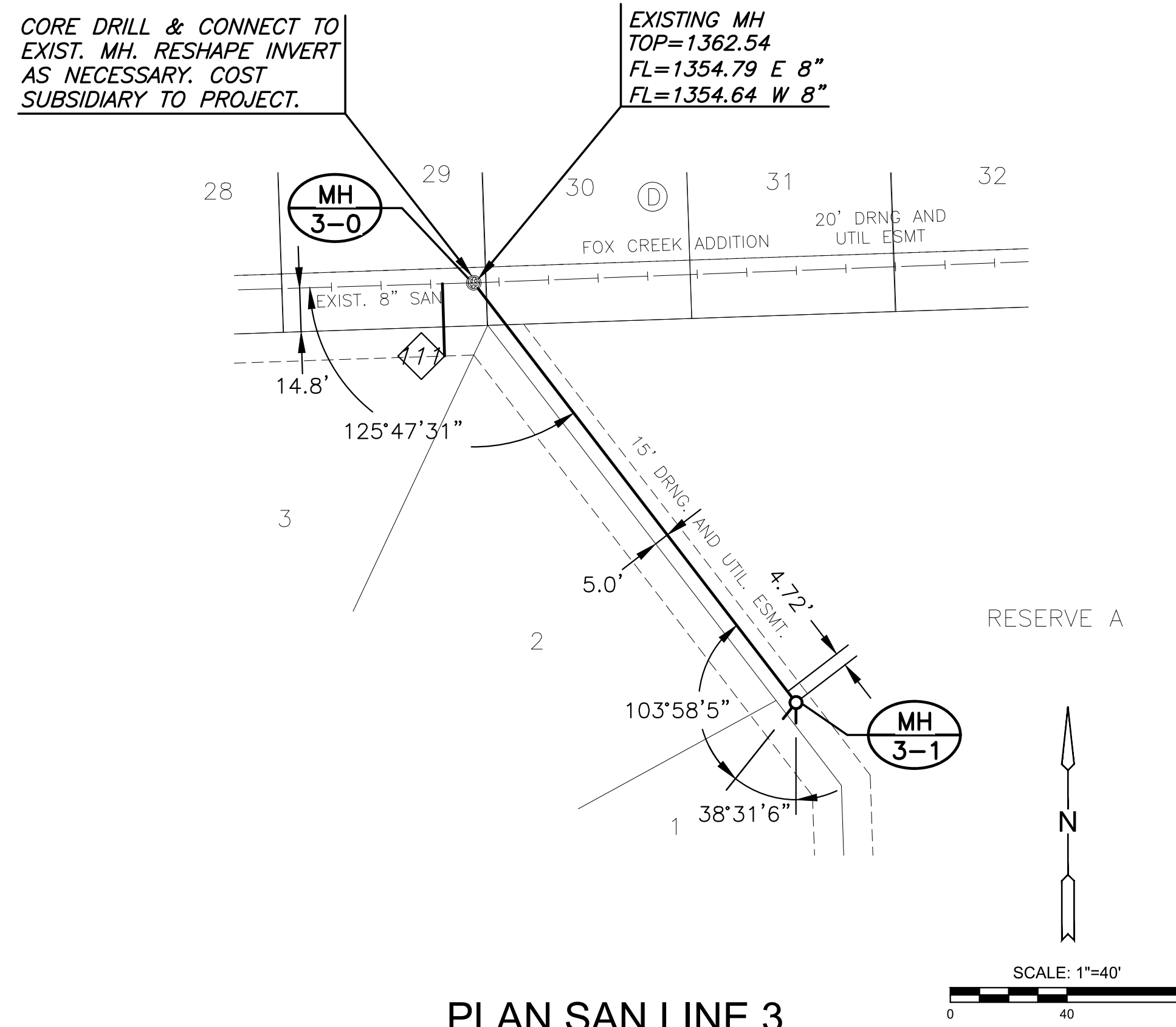
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SAN LINE 3

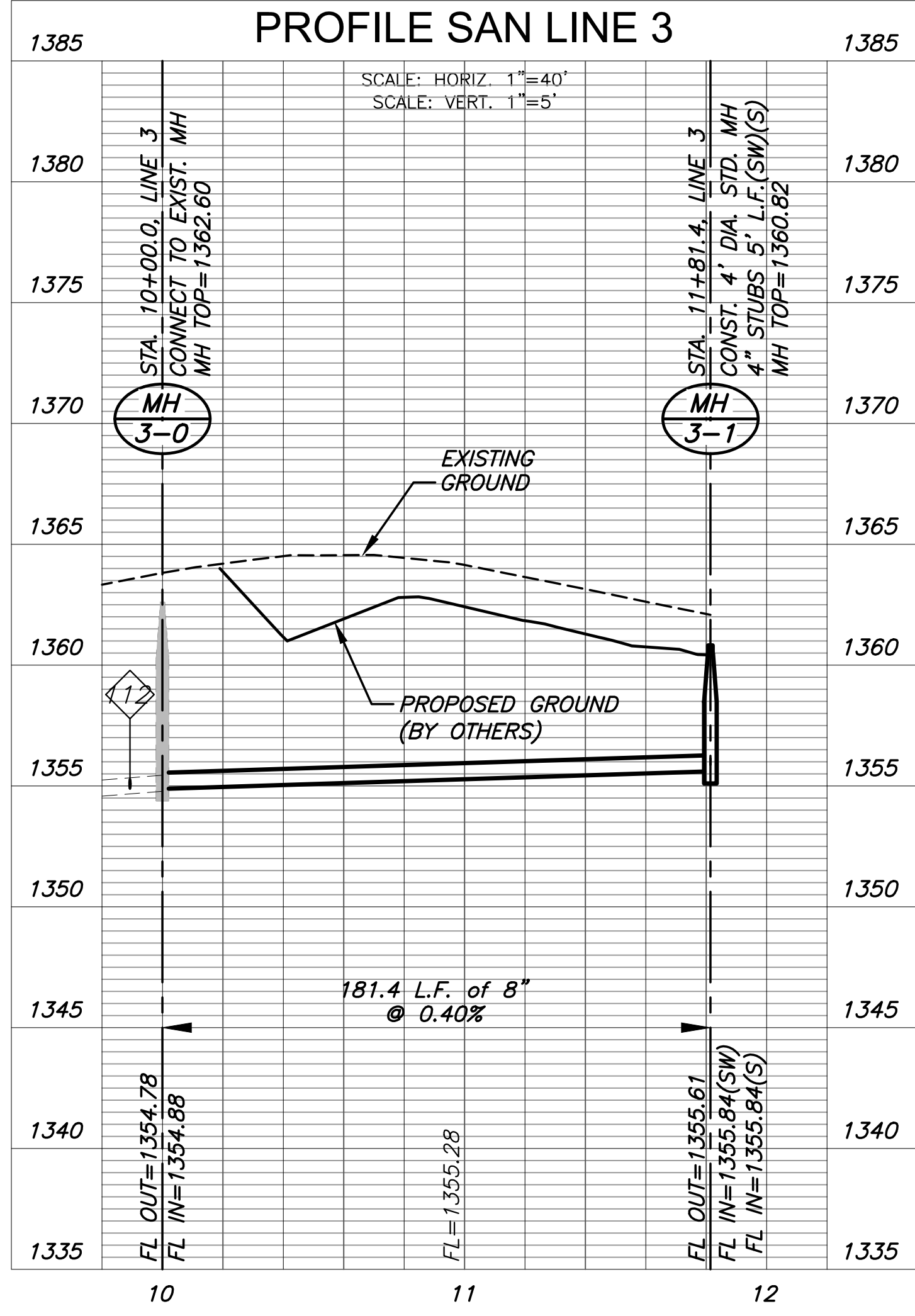
PROJECT NO.	469-2024-037552	
DATE	JAN. 2024	
SCALE	1"=40'	
DESIGNED	DRAWN	CHECKED
DFL	BWS	SPE

NO.	REVISION	DATE

SHEET NO.



PLAN SAN LINE 3
PROFILE SAN LINE 3

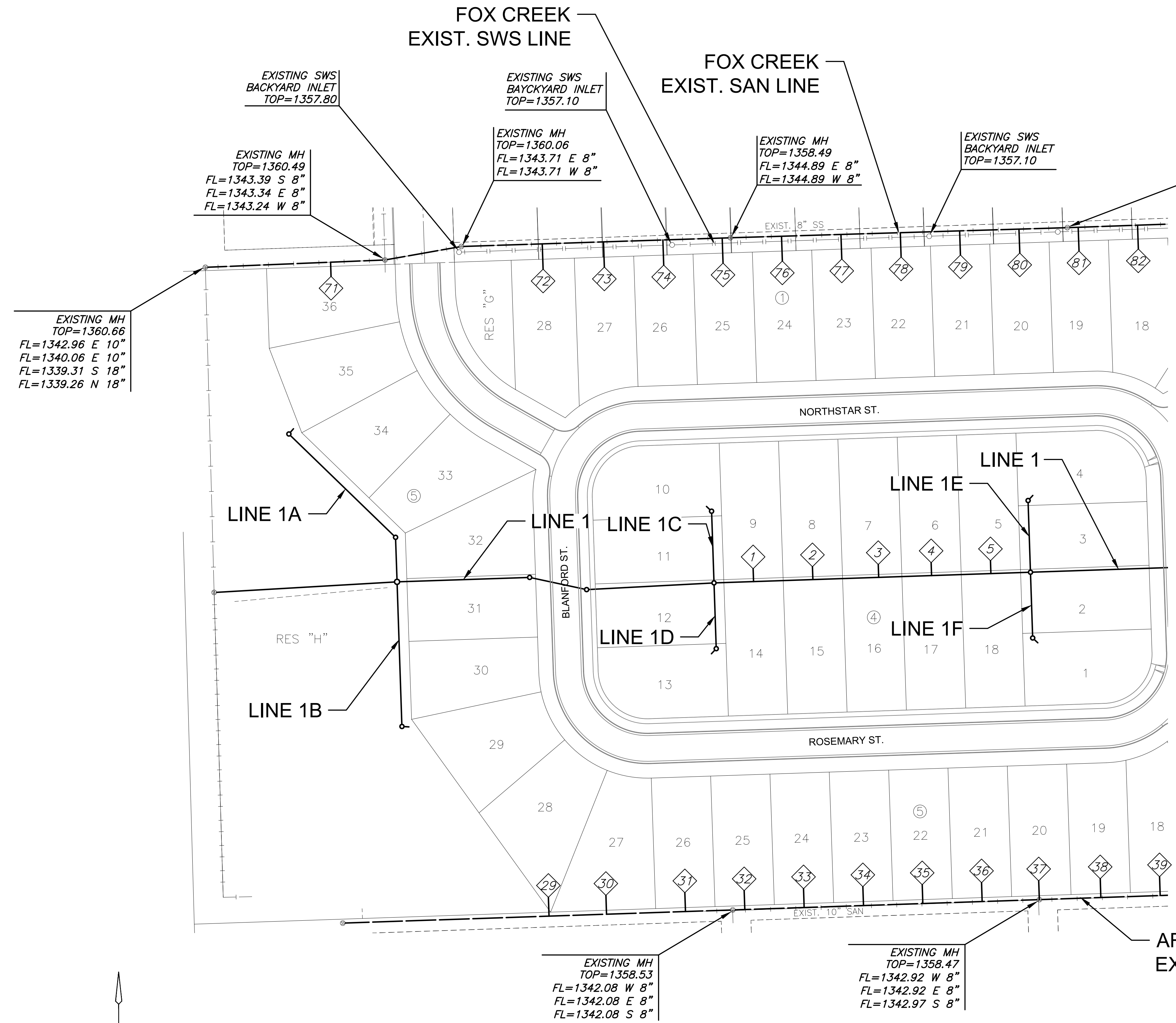


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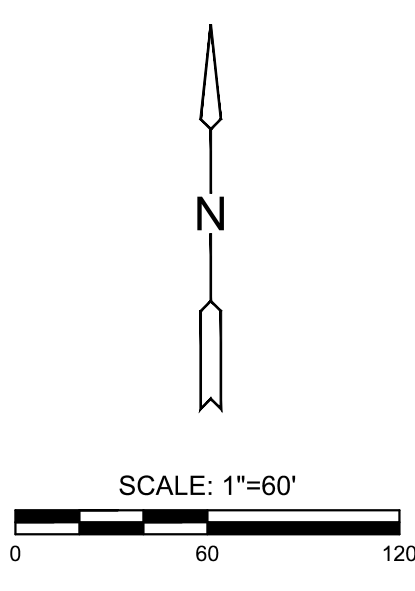
ADDITION

PLOTTED: Monday, January 29, 2024 @ 09:27AM

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NO.	TYPE	SEWER SERVICE RISER TABLE				FOR INFORMATION ONLY			Distance from		
		LOCATION		STATION	DIRECTION	APPROXIMATE LENGTH		Distance from Main to Riser (Lt./Rt.)	Upstream MH	Downstream MH	
		LOT NO.	BLOCK NO.			LINE NO.	VERTICAL (FT)				HORIZONTAL (FT)
1	4" TEE	9	4	1	15+47.70	LT	9'	13'	14' Lt.	280'	40'
2	4" TEE	8	4	1	16+07.70	LT	9'	13'	14' Lt.	220'	100'
3	4" TEE	7	4	1	16+74.50	LT	9'	13'	14' Lt.	154'	167'
4	4" TEE	6	4	1	17+27.70	LT	9'	13'	14' Lt.	100'	220'
5	4" TEE	5	4	1	17+87.70	LT	9'	13'	14' Lt.	40'	280'
29	4" TEE	28	5	ARVADA	12+08.55	LT	11'	19'	21' Lt.	186'	208'
30	4" TEE	27	5	ARVADA	12+66.67	LT	11'	19'	20' Lt.	128'	266'
31	4" TEE	26	5	ARVADA	13+46.50	LT	11'	19'	20' Lt.	48'	346'
32	4" TEE	25	5	ARVADA	14+06.50	LT	11'	19'	20' Lt.	298'	12'
33	4" TEE	24	5	ARVADA	14+66.50	LT	10'	19'	20' Lt.	237'	73'
34	4" TEE	23	5	ARVADA	15+26.50	LT	10'	19'	20' Lt.	178'	132'
35	4" TEE	22	5	ARVADA	15+86.50	LT	10'	19'	20' Lt.	118'	192'
36	4" TEE	21	5	ARVADA	16+46.50	LT	10'	19'	20' Lt.	58'	252'
37	4" MH CONNECTION	20	5	ARVADA	17+04.31	LT	10'	19'	20' Lt.	310'	310'
38	4" TEE	19	5	ARVADA	17+66.50	LT	10'	19'	20' Lt.	248'	62'
39	4" TEE	18	5	ARVADA	18+26.50	LT	10'	19'	20' Lt.	188'	122'
71	4" TEE	36	5	FOX CREEK	01+26.61	RT	17'	14'	14' Rt.	55'	127'
72	4" TEE	28	1	FOX CREEK	03+41.80	RT	14'	26'	27' Rt.	190'	82'
73	4" TEE	27	1	FOX CREEK	04+03.75	RT	13'	26'	27' Rt.	128'	144'
74	4" TEE	26	1	FOX CREEK	04+63.75	RT	13'	26'	27' Rt.	82'	190'
75	4" TEE	25	1	FOX CREEK	05+23.75	RT	13'	26'	27' Rt.	8'	264'
76	4" TEE	24	1	FOX CREEK	05+83.71	RT	13'	26'	27' Rt.	289'	51'
77	4" TEE	23	1	FOX CREEK	06+43.81	RT	13'	26'	27' Rt.	229'	111'
78	4" TEE	22	1	FOX CREEK	07+03.80	RT	13'	26'	27' Rt.	168'	172'
79	4" TEE	21	1	FOX CREEK	07+63.81	RT	12'	26'	27' Rt.	109'	231'
80	4" TEE	20	1	FOX CREEK	08+23.81	RT	11'	26'	27' Rt.	49'	291'
81	4" TEE	19	1	FOX CREEK	08+83.68	RT	11'	26'	27' Rt.	354'	15'
82	4" TEE	18	1	FOX CREEK	09+43.86	RT	10'	26'	27' Rt.	299'	70'



SEE RISER DETAIL SHEET 03

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RISER MAP 1

PROJECT NO.	469-2024-037552	
DATE	JAN. 2024	
SCALE	1"=60'	
DESIGNED	DRAWN	CHECKED
DFL	BWS	SPE

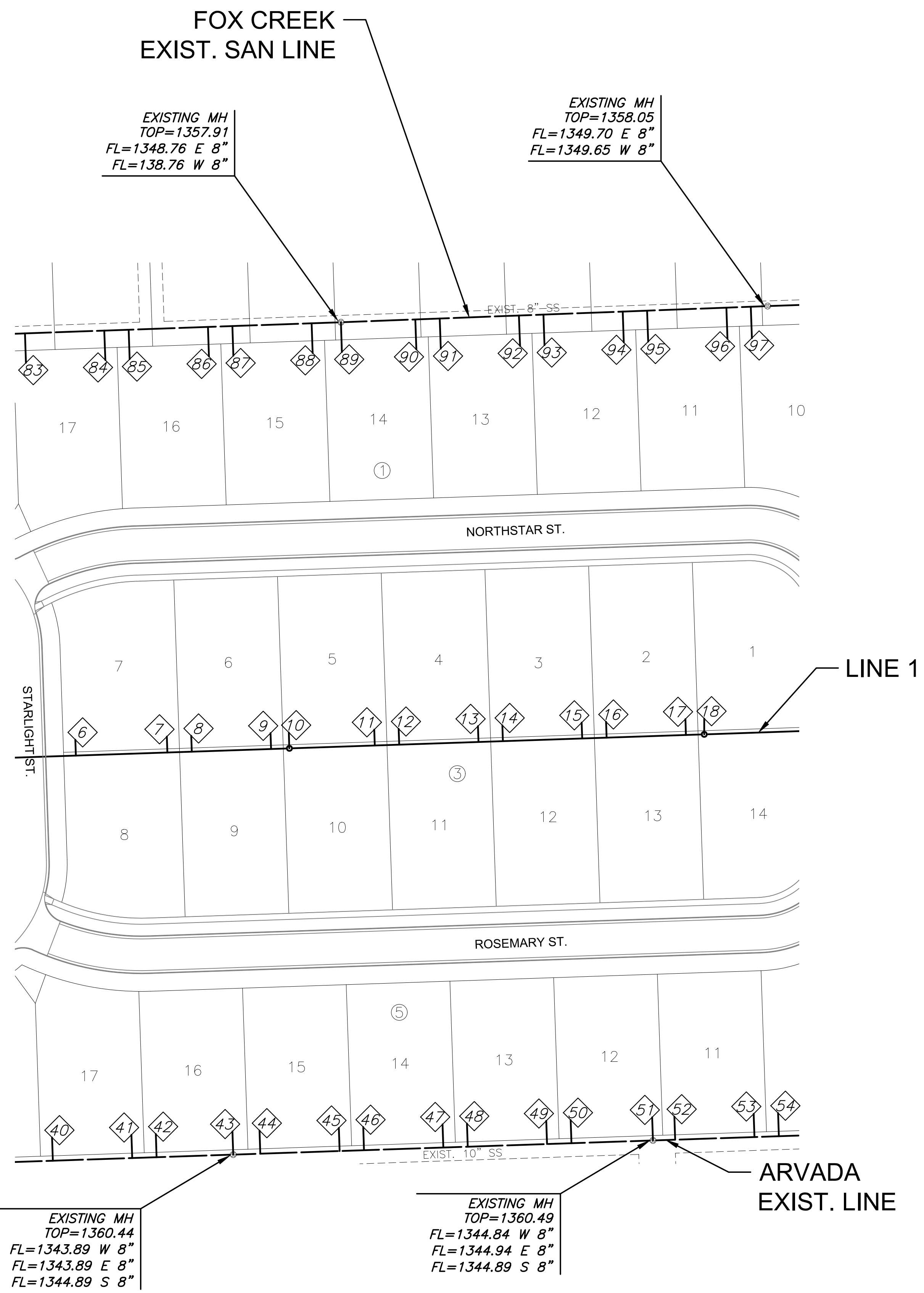
NO.	REVISION	DATE

PLOTTED: Monday, January 29, 2024 @ 09:27AM

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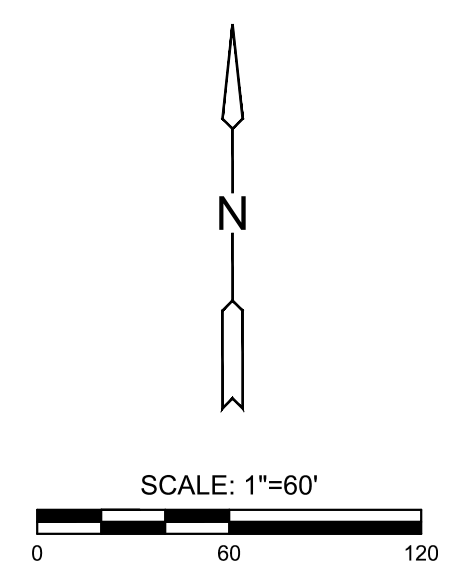


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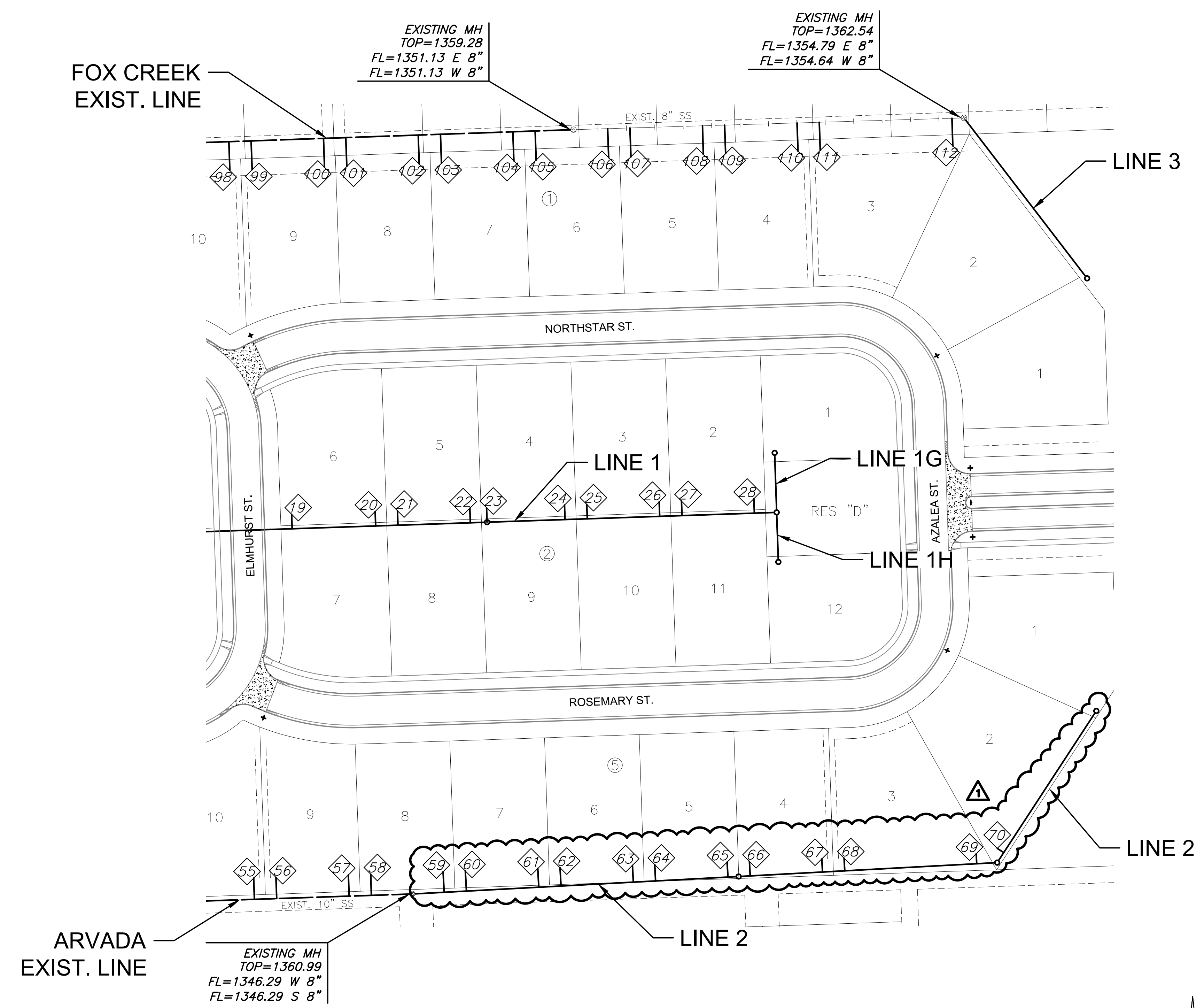
SEE RISER DETAIL SHEET 03

NO.	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH		Distance from Main to Riser (L/R)	Distance from	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)		Upstream MH	Downstream MH
6	4" TEE	7	3	1	20+17.70	LT	7'	13'	14' Lt.	175'	190'
7	4" TEE	7	3	1	20+92.70	LT	7'	13'	14' Lt.	100'	265'
8	4" TEE	6	3	1	21+12.70	LT	7'	13'	14' Lt.	80'	285'
9	4" TEE	6	3	1	21+77.70	LT	7'	13'	14' Lt.	15'	349'
10	4" MH CONNECTION	5	3	1	21+92.70	LT	8'	13'	14' Lt.	365'	339'
11	4" TEE	6	3	1	22+62.70	LT	7'	13'	14' Lt.	270'	70'
12	4" TEE	4	3	1	22+82.70	LT	7'	13'	14' Lt.	251'	91'
13	4" TEE	4	3	1	23+47.70	LT	7'	13'	14' Lt.	184'	156'
14	4" TEE	3	3	1	23+67.70	LT	7'	13'	14' Lt.	165'	175'
15	4" TEE	3	3	1	24+32.70	LT	7'	13'	14' Lt.	100'	240'
16	4" TEE	2	3	1	24+52.70	LT	7'	13'	14' Lt.	80'	260'
17	4" TEE	2	3	1	25+17.70	LT	7'	13'	14' Lt.	15'	324'
18	4" MH CONNECTION	1	3	1	25+32.70	LT	7'	13'	14' Lt.	334'	340'
40	4" TEE	17	5	ARVADA	18+66.50	LT	15'	19'	20' Lt.	148'	162'
41	4" TEE	17	5	ARVADA	19+31.50	LT	15'	19'	20' Lt.	83'	227'
42	4" TEE	16	5	ARVADA	19+51.50	LT	15'	19'	20' Lt.	63'	247'
43	4" MH CONNECTION	16	5	ARVADA	20+14.30	LT	15'	19'	20' Lt.	344'	310'
44	4" TEE	15	5	ARVADA	20+36.50	LT	15'	19'	20' Lt.	321'	23'
45	4" TEE	15	5	ARVADA	21+01.50	LT	15'	19'	20' Lt.	257'	87'
46	4" TEE	14	5	ARVADA	21+21.50	LT	15'	19'	20' Lt.	237'	107'
47	4" TEE	14	5	ARVADA	21+86.50	LT	15'	19'	20' Lt.	172'	172'
48	4" TEE	13	5	ARVADA	22+06.50	LT	15'	19'	20' Lt.	152'	192'
49	4" TEE	13	5	ARVADA	22+71.50	LT	15'	19'	20' Lt.	86'	258'
50	4" TEE	12	5	ARVADA	22+91.50	LT	15'	19'	20' Lt.	67'	277'
51	4" MH CONNECTION	12	5	ARVADA	23+58.30	LT	15'	19'	20' Lt.	310'	344'
52	4" TEE	11	5	ARVADA	23+76.50	LT	15'	19'	20' Lt.	292'	18'
53	4" TEE	11	5	ARVADA	24+41.50	LT	14'	19'	20' Lt.	227'	83'
54	4" TEE	10	5	ARVADA	24+61.50	LT	14'	19'	20' Lt.	207'	103'
83	4" TEE	17	1	FOX CREEK	09+83.70	RT	10'	24'	25' Rt.	259'	110'
84	4" TEE	17	1	FOX CREEK	10+48.70	RT	10'	24'	25' Rt.	194'	175'
85	4" TEE	16	1	FOX CREEK	10+68.70	RT	10'	24'	25' Rt.	174'	195'
86	4" TEE	16	1	FOX CREEK	11+33.70	RT	10'	24'	25' Rt.	109'	261'
87	4" TEE	15	1	FOX CREEK	11+53.70	RT	10'	24'	25' Rt.	89'	280'
88	4" TEE	15	1	FOX CREEK	12+18.67	RT	9'	24'	25' Rt.	24'	345'
89	4" MH CONNECTION	14	1	FOX CREEK	12+42.65	RT	9'	24'	25' Rt.	350'	369'
90	4" TEE	14	1	FOX CREEK	13+03.66	RT	9'	24'	25' Rt.	292'	58'
91	4" TEE	13	1	FOX CREEK	13+23.66	RT	9'	24'	25' Rt.	266'	84'
92	4" TEE	13	1	FOX CREEK	13+88.56	RT	9'	24'	25' Rt.	204'	146'
93	4" TEE	12	1	FOX CREEK	14+08.66	RT	9'	24'	25' Rt.	184'	166'
94	4" TEE	12	1	FOX CREEK	14+73.66	RT	8'	24'	25' Rt.	119'	231'
95	4" TEE	11	1	FOX CREEK	14+93.66	RT	8'	24'	25' Rt.	99'	251'
96	4" TEE	11	1	FOX CREEK	15+58.66	RT	8'	24'	25' Rt.	34'	316'
97	4" TEE	10	1	FOX CREEK	15+78.66	RT	8'	24'	25' Rt.	17'	333'

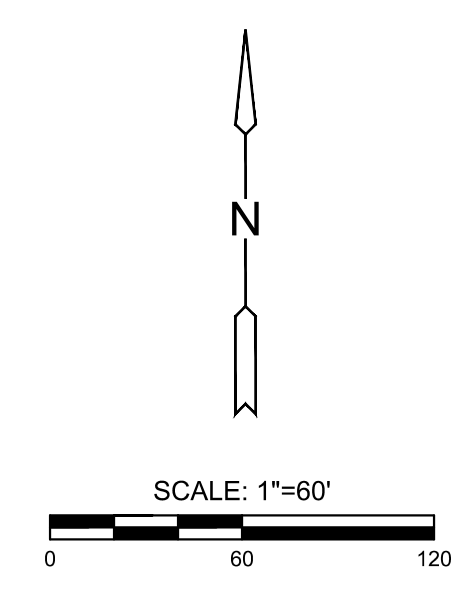


PROJECT NO.	469-2024-037552	
DATE	JAN. 2024	
SCALE	1"=60'	
DESIGNED	DRAWN	CHECKED
DFL	BWS	SPE
NO.	REVISION	DATE
SHEET NO.		
13 OF 22		

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 PLOTTED: Tuesday, August 13, 2024 @ 11:34AM

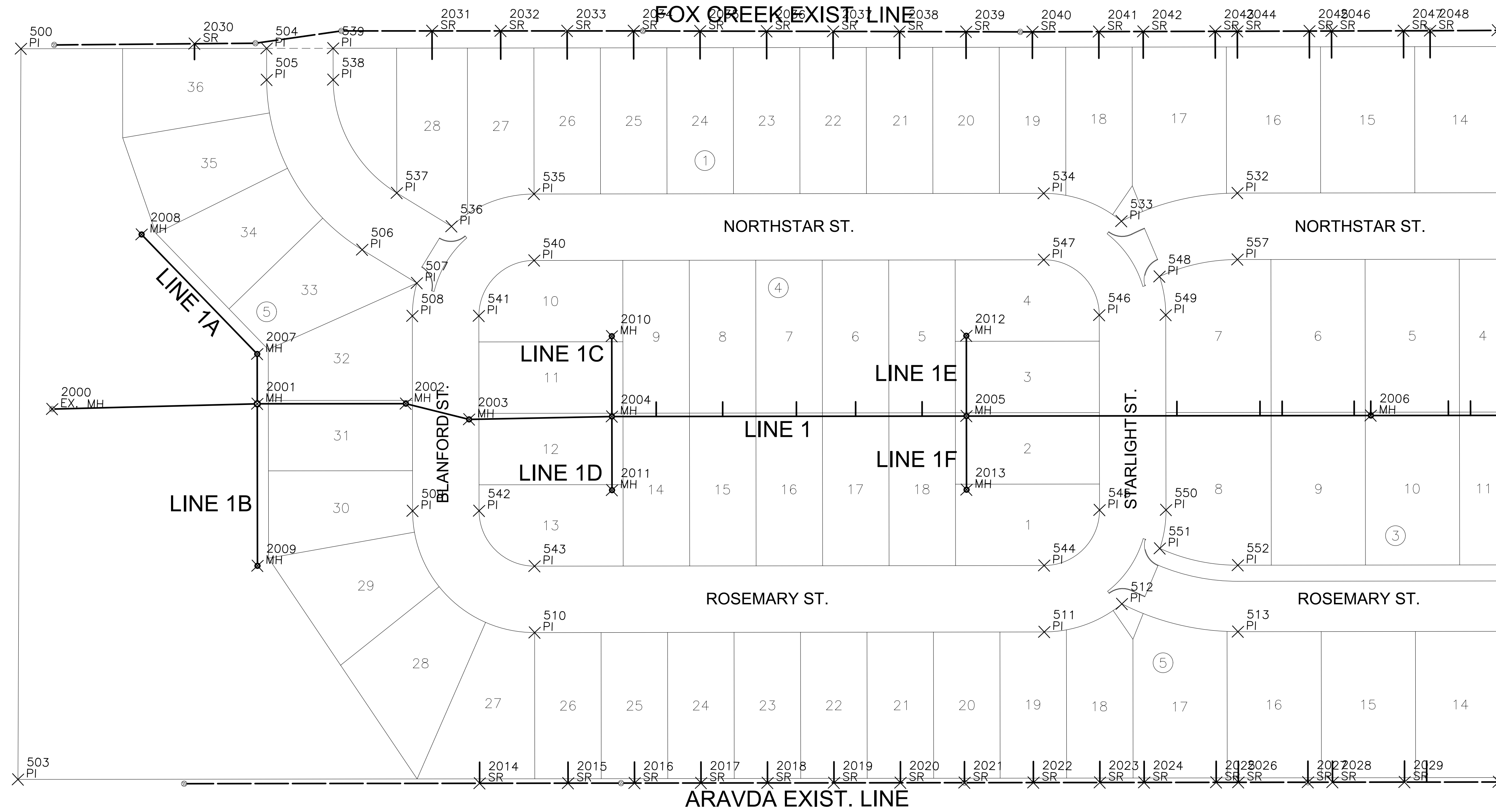


NO.	TYPE	LOCATION			STATION	DIRECTION	APPROXIMATE LENGTH		Distance from Main to Riser (Lt./Rt.)	Distance from	
		LOT NO.	BLOCK NO.	LINE NO.			VERTICAL (FT)	HORIZONTAL (FT)		Upstream MH	Downstream MH
19	4" TEE	6	2	1	26+92.70	LT	6'	13'	14' Lt.	174'	160'
20	4" TEE	6	2	1	27+67.70	LT	6'	13'	14' Lt.	100'	234'
21	4" TEE	5	2	1	27+87.70	LT	6'	13'	14' Lt.	79'	255'
22	4" TEE	5	2	1	28+52.70	LT	6'	13'	14' Lt.	14'	319'
23	4" MH CONNECTION	4	2	1	28+67.70	LT	6'	13'	14' Lt.	260'	334'
24	4" TEE	4	2	1	29+37.70	LT	6'	13'	14' Lt.	190'	70'
25	4" TEE	3	2	1	29+57.70	LT	6'	13'	14' Lt.	170'	90'
26	4" TEE	3	2	1	30+22.70	LT	6'	13'	14' Lt.	105'	155'
27	4" TEE	2	2	1	30+42.70	LT	6'	13'	14' Lt.	85'	175'
28	4" TEE	2	2	1	31+07.70	LT	6'	13'	14' Lt.	21'	239'
55	4" TEE	10	5	ARVADA	25+26.50	LT	14'	19'	20' Lt.	142'	168'
56	4" TEE	9	5	ARVADA	25+46.50	LT	14'	19'	20' Lt.	122'	188'
57	4" TEE	9	5	ARVADA	26+11.50	LT	14'	19'	20' Lt.	57'	253'
58	4" TEE	8	5	ARVADA	26+31.50	LT	14'	19'	20' Lt.	37'	273'
59	4" TEE	8	5	2	10+28.71	LT	12'	18'	20' Lt.	262'	28'
60	4" TEE	7	5	2	10+48.70	LT	12'	18'	20' Lt.	244'	48'
61	4" TEE	7	5	2	11+13.71	LT	12'	17'	20' Lt.	178'	114'
62	4" TEE	6	5	2	11+33.70	LT	12'	16'	20' Lt.	158'	134'
63	4" TEE	6	5	2	11+98.67	LT	12'	15'	20' Lt.	94'	198'
64	4" TEE	5	5	2	12+18.67	LT	11'	15'	20' Lt.	74'	218'
65	4" TEE	5	5	2	12+83.67	LT	11'	13'	20' Lt.	9'	283'
66	4" TEE	4	5	2	13+03.67	LT	11'	13'	20' Lt.	224'	12'
67	4" TEE	4	5	2	13+68.64	LT	11'	12'	20' Lt.	159'	77'
68	4" TEE	3	5	2	13+88.65	LT	10'	11'	20' Lt.	138'	98'
69	4" TEE	3	5	2	15+07.22	LT	9'	9'	20' Lt.	21'	215'
70	4" TEE	2	5	2	15+36.34	LT	9'	7'	13' Lt.	151'	7'
98	4" TEE	10	1	FOX CREEK	16+43.70	RT	8'	25'	26' Rt.	309'	51'
99	4" TEE	9	1	FOX CREEK	16+63.70	RT	8'	25'	26' Rt.	289'	71'
100	4" TEE	9	1	FOX CREEK	17+28.68	RT	8'	25'	26' Rt.	224'	136'
101	4" TEE	8	1	FOX CREEK	17+48.68	RT	8'	25'	26' Rt.	205'	155'
102	4" TEE	8	1	FOX CREEK	18+13.70	RT	8'	25'	26' Rt.	144'	216'
103	4" TEE	7	1	FOX CREEK	18+33.70	RT	8'	25'	26' Rt.	119'	241'
104	4" TEE	7	1	FOX CREEK	18+98.68	RT	8'	25'	26' Rt.	55'	305'
105	4" TEE	6	1	FOX CREEK	19+18.70	RT	8'	25'	26' Rt.	35'	325'
106	4" TEE	6	1	FOX CREEK	19+83.78	RT	8'	25'	26' Rt.	319'	31'
107	4" TEE	5	1	FOX CREEK	20+03.78	RT	8'	25'	26' Rt.	299'	51'
108	4" TEE	5	1	FOX CREEK	20+68.88	RT	7'	25'	26' Rt.	234'	116'
109	4" TEE	4	1	FOX CREEK	20+88.78	RT	7'	25'	26' Rt.	214'	136'
110	4" TEE	4	1	FOX CREEK	21+53.78	RT	7'	25'	26' Rt.	150'	200'
111	4" TEE	3	1	FOX CREEK	21+73.72	RT	7'	25'	26' Rt.	124'	226'
112	4" TEE	3	1	FOX CREEK	22+92.85	RT	9'	25'	26' Rt.	11'	339'



PROJECT NO.	468-2023-037552	
DATE	AUG. 2024	
SCALE		
DESIGNED	DRAWN	CHECKED
DFL	BWS	SPE
1	ADJUSTED LINE 2	08/13/2024
NO.	REVISION	DATE
SHEET NO.		
14 OF 22		

SANITARY SEWER
THE HEIGHTS AT MAIZE ADDITION
MAIZE, KANSAS



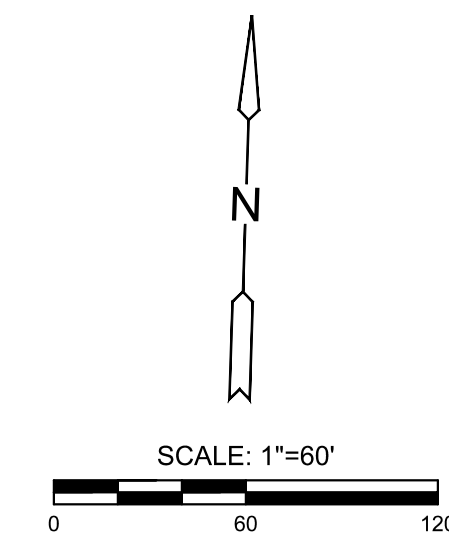
PLAT POINTS			
Point #	Northing	Easting	Desc.
500	1708382.64	1604446.58	PI
503	1707723.15	1604465.29	PI
504	1708390.16	1604668.20	PI
505	1708361.75	1604669.16	PI
506	1708211.27	1604760.27	PI
507	1708182.75	1604810.58	PI
508	1708152.93	1604807.50	PI
509	1707977.03	1604813.43	PI
510	1707870.80	1604927.08	PI
511	1707886.31	1605386.82	PI
512	1707913.87	1605456.01	PI
513	1707892.20	1605561.50	PI
532	1708287.97	1605548.15	PI
533	1708259.24	1605444.36	PI
534	1708282.08	1605373.47	PI
535	1708266.58	1604913.73	PI
536	1708234.94	1604840.18	PI
537	1708263.47	1604789.87	PI
538	1708363.78	1604729.13	PI
539	1708392.19	1604728.17	PI

PLAT POINTS			
Point #	Northing	Easting	Desc.
540	1708206.61	1604915.75	PI
541	1708154.95	1604867.47	PI
542	1707979.05	1604873.40	PI
543	1707930.77	1604925.06	PI
544	1707946.27	1605384.79	PI
545	1707997.93	1605433.08	PI
546	1708173.83	1605427.15	PI
547	1708222.12	1605375.49	PI
548	1708210.38	1605480.32	PI
549	1708175.85	1605487.11	PI
550	1707999.95	1605493.05	PI
551	1707965.05	1605488.59	PI
552	1707952.16	1605559.48	PI
557	1708228.01	1605550.18	PI

SANITARY POINTS			
Point #	Northing	Easting	Desc.
2000	1708058.40	1604485.30	EX. MH
2001	1708069.13	1604670.18	MH
2002	1708073.59	1604804.17	MH
2003	1708061.28	1604861.72	MH
2004	1708068.05	1604990.46	MH
2005	1708078.84	1605310.28	MH
2006	1708091.14	1605675.01	MH
2007	1708114.10	1604668.66	MH
2008	1708218.54	1604560.84	MH
2009	1707922.95	1604675.11	MH
2010	1708140.51	1604988.02	MH
2011	1708001.59	1604992.71	MH
2012	1708151.30	1605307.84	MH
2013	1708012.37	1605312.52	MH

SANITARY RISER POINTS			
Point #	Northing	Easting	Desc.
2014	1707733.20	1604881.86	SR
2015	1707735.89	1604961.64	SR
2016	1707737.91	1605021.61	SR
2017	1707739.94	1605081.58	SR
2018	1707741.96	1605141.54	SR
2019	1707743.98	1605201.51	SR
2020	1707746.00	1605261.47	SR
2021	1707747.95	1605319.25	SR
2022	1707750.05	1605381.41	SR
2023	1707752.07	1605441.37	SR
2024	1707753.42	1605481.35	SR
2025	1707755.61	1605546.31	SR
2026	1707756.28	1605566.30	SR
2027	1707758.40	1605629.08	SR
2028	1707759.15	1605651.25	SR
2029	1707761.34	1605716.22	SR
2030	1708392.22	1604602.99	SR
2031	1708410.74	1604816.90	SR
2032	1708412.75	1604878.82	SR
2033	1708414.69	1604938.79	SR

SANITARY RISER POINTS			
Point #	Northing	Easting	Desc.
2034	1708416.64	1604998.75	SR
2035	1708418.45	1605058.69	SR
2036	1708420.26	1605118.76	SR
2037	1708422.05	1605178.73	SR
2038	1708423.85	1605238.70	SR
2039	1708425.65	1605298.68	SR
2040	1708427.50	1605358.52	SR
2041	1708429.54	1605418.49	SR
2042	1708431.02	1605458.48	SR
2043	1708433.31	1605523.44	SR
2044	1708434.01	1605543.42	SR
2045	1708436.30	1605608.38	SR
2046	1708437.01	1605628.37	SR
2047	1708439.29	1605693.30	SR
2048	1708440.14	1605717.26	SR
2049	1708442.44	1605778.23	SR



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BUBBLE MAP 1

PROJECT NO. 469-2024-037552

DATE JAN. 2024

SCALE 1"=60'

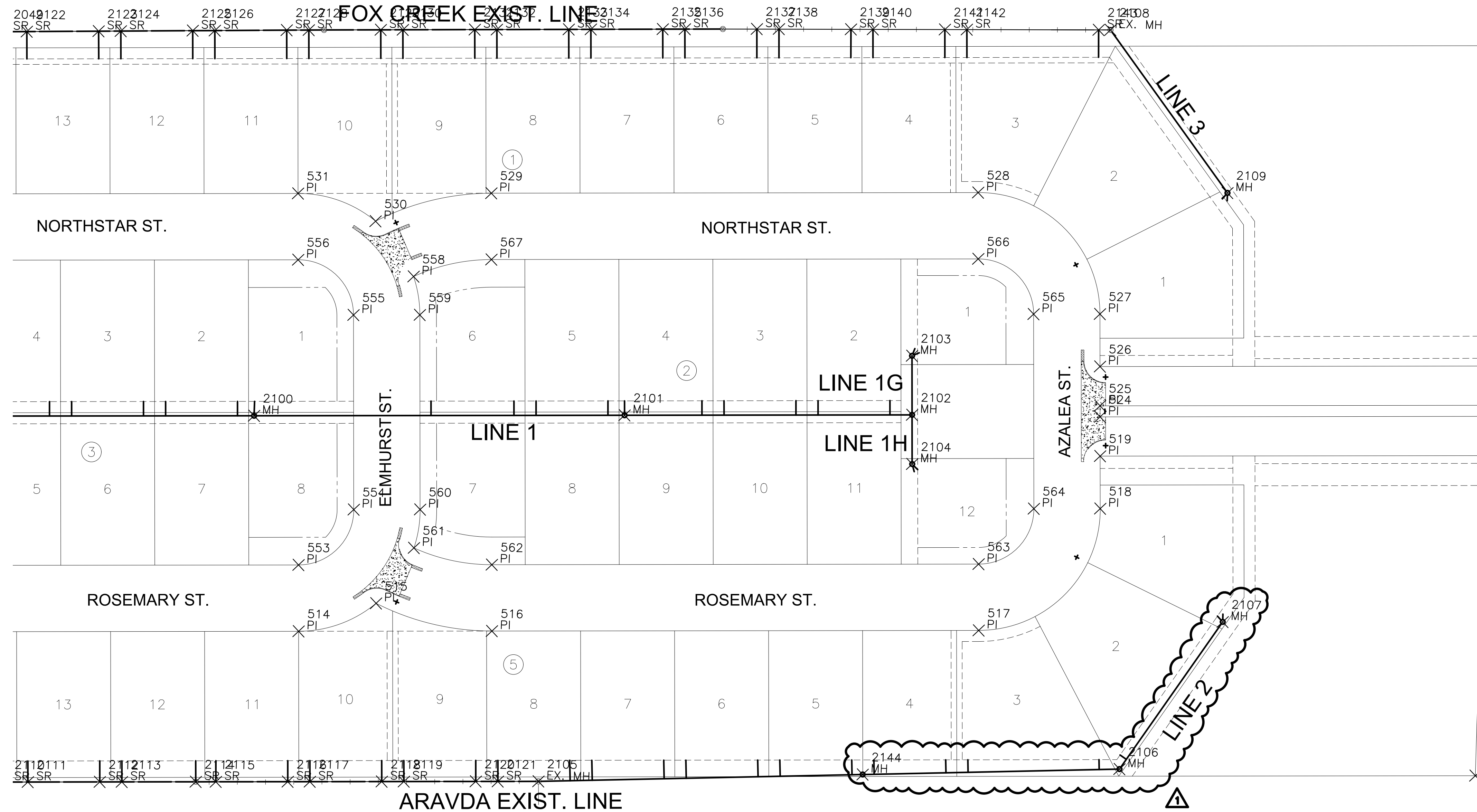
DESIGNED	DRAWN	CHECKED
DFL	BWS	SPE

NO.	REVISION	DATE

SHEET NO.

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 PLOTTED: Monday, January 29, 2024 @ 09:28AM

SANITARY SEWER
THE HEIGHTS AT MAIZE ADDITION
MAIZE, KANSAS



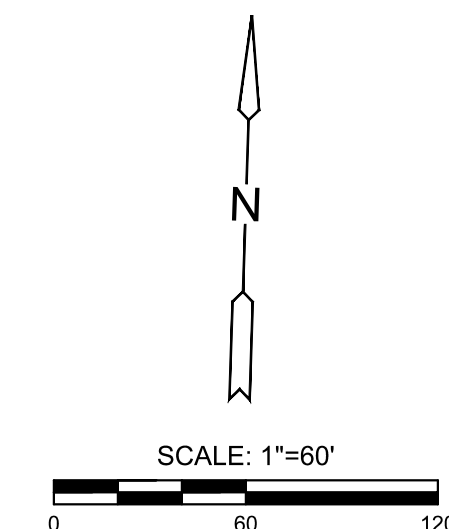
PAVING POINTS			
Point #	Northing	Easting	Desc.
501	1708473.56	1607127.29	PI
502	1707812.99	1607129.21	PI
514	1707909.06	1606061.43	PI
515	1707936.62	1606130.62	PI
516	1707914.95	1606236.12	PI
517	1707929.79	1606676.08	PI
518	1708043.43	1606782.31	PI
519	1708090.91	1606780.71	PI
520	1708102.63	1607128.36	PI
521	1708138.15	1607128.26	PI
522	1708148.15	1607128.23	PI
523	1708183.67	1607128.13	PI
524	1708126.39	1606779.52	PI
525	1708136.38	1606779.18	PI
526	1708171.86	1606777.98	PI
527	1708219.33	1606776.38	PI
528	1708325.56	1606662.74	PI
529	1708310.72	1606222.77	PI
530	1708282.00	1606118.98	PI
531	1708304.83	1606048.08	PI

PAVING POINTS			
Point #	Northing	Easting	Desc.
553	1707969.02	1606059.41	PI
554	1708020.68	1606107.70	PI
555	1708196.58	1606101.76	PI
556	1708244.87	1606050.11	PI
558	1708233.13	1606154.94	PI
559	1708198.60	1606161.73	PI
560	1708022.70	1606167.66	PI
561	1707987.80	1606163.21	PI
562	1707974.92	1606234.10	PI
563	1707989.75	1606674.06	PI
564	1708041.41	1606722.35	PI
565	1708217.31	1606716.41	PI
566	1708265.60	1606664.76	PI
567	1708250.76	1606224.79	PI

SANITARY POINTS			
Point #	Northing	Easting	Desc.
2100	1708102.60	1606014.88	MH
2101	1708113.89	1606349.69	MH
2102	1708122.65	1606609.54	MH
2103	1708176.04	1606607.74	MH
2104	1708078.18	1606611.04	MH
2105	1707780.43	1606282.56	EX. MH
2106	1707808.55	1606807.38	MH
2107	1707944.61	1606896.34	MH
2108	1708476.45	1606777.60	EX. MH
2109	1708332.57	1606888.06	MH
2144	1707796.12	1606575.42	MH

SANITARY RISER POINTS			
Point #	Northing	Easting	Desc.
2110	1707764.20	1605801.17	SR
2111	1707764.88	1605821.16	SR
2112	1707767.07	1605886.12	SR
2113	1707767.74	1605906.11	SR
2114	1707769.99	1605972.89	SR
2115	1707770.61	1605991.06	SR
2116	1707772.80	1606056.02	SR
2117	1707773.47	1606076.01	SR
2118	1707775.66	1606140.97	SR
2119	1707776.33	1606160.96	SR
2120	1707778.52	1606225.93	SR
2121	1707779.20	1606245.91	SR
2122	1708443.20	1605798.22	SR
2123	1708445.66	1605863.07	SR
2124	1708446.42	1605883.16	SR
2125	1708448.88	1605948.11	SR
2126	1708449.64	1605968.09	SR
2127	1708452.10	1606033.05	SR
2128	1708452.85	1606053.03	SR
2129	1708455.16	1606118.04	SR

SANITARY RISER POINTS			
Point #	Northing	Easting	Desc.
2130	1708455.85	1606138.02	SR
2131	1708458.11	1606202.97	SR
2132	1708458.81	1606222.95	SR
2133	1708461.07	1606287.94	SR
2134	1708461.77	1606307.93	SR
2135	1708464.03	1606372.86	SR
2136	1708464.72	1606392.87	SR
2137	1708466.93	1606457.91	SR
2138	1708467.61	1606477.90	SR
2139	1708469.40	1606542.98	SR
2140	1708470.07	1606562.86	SR
2141	1708471.95	1606627.84	SR
2142	1708472.63	1606647.77	SR
2143	1708476.13	1606766.85	SR



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BUBBLE MAP 2

PROJECT NO.	468-2023-037552	
DATE	AUG. 2024	
SCALE	1"=60'	
DESIGNED	DRAWN	CHECKED
DFL	BWS	SPE
NO.	REVISION	DATE
1	ADJUSTED LINE 2	08/13/2024

PLOTTED: Tuesday, August 13, 2024 @ 11:34AM
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