



**CLAYTON
PROPERTIES GROUP**

**COBEY CREEK - 2ND
PLAT - SANITARY
SEWER**

REVISIONS

[illegible]

DRAWING INFORMATION

PROJECT NO: 21KC10060

DRAWN BY: MF

CHECK BY: JB

ISSUED FOR: FOR REVIEW

ISSUED DATE: 10/01/2024



ISSUED BY: JEFFREY BARTZ

LICENSE NO: PE - 2012022594

A licensed Missouri
Engineering Corporation
COA 00062

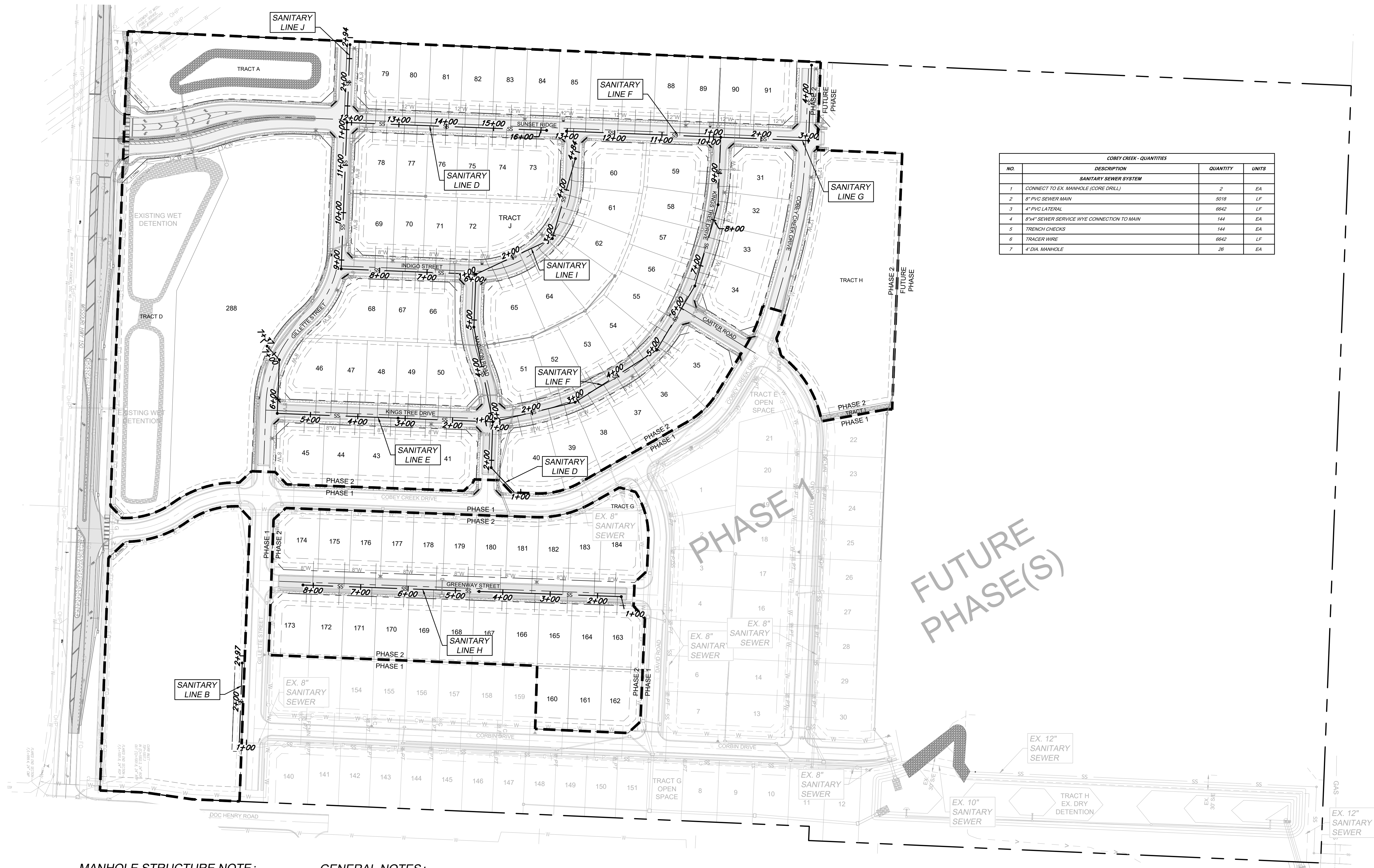
SHEET TITLE

SANITARY LINE OVERVIEW

SHEET NUMBER

C301

2 OF 9



MANHOLE STRUCTURE NOTE:

1. PROPOSED MANHOLES SHALL CONFORM TO THE CITY OF LEE'S SUMMIT DETAILS AND SPECIFICATIONS.
RE: SANITARY SEWER MAIN DETAIL SHEET C308.

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GENERAL NOTES:

1. ALL WORK IN PUBLIC EASEMENTS AND RIGHT-OF-WAY AND ALL EROSION CONTROL WORK MUST COMPLY WITH THE LATEST EDITION OF THE TECHNICAL PROVISIONS & STANDARD DRAWINGS FOR ROADS AND SEWERS, OF LEE'S SUMMIT, MISSOURI.
2. WATER MAINS AND SANITARY SEWER MAINS/STRUCTURES SHALL HAVE AT LEAST 10' OF HORIZONTAL SEPARATION FROM EDGE OF WATER PIPE TO EDGE OF SEWER PIPE OR SEWER STRUCTURE.
3. WATER MAINS AND SANITARY SEWERS SHALL HAVE AT LEAST 18" OF VERTICAL SEPARATION FROM EDGE OF PIPE TO EDGE OF PIPE. THE CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER JOINTS WERE EQUIDISTANT AND AS FAR AS POSSIBLE FORM THE WATER MAIN JOINTS.
4. ALL SEWER MANHOLES WITHIN PROPOSED ASPHALT PAVEMENT SHALL INCLUDE CONCRETE COLLAR TO MATCH MANHOLE RIM FLUSH WITH PAVEMENT PER CITY DETAIL ON SHEET C308.
5. ALL SANITARY SEWER LATERALS SHALL HAVE A TRENCH CHECK, CONSISTING OF FLOWABLE BACKFILL INSTALLED DURING CONSTRUCTION. TRENCH CHECK SHALL EXTEND TO BOTTOM OF TRENCH, TO WIDTH OF TRENCH TO 12 INCHES ABOVE PIPE, FOR A MINIMUM LENGTH OF 12 INCHES. TRENCH CHECK SHALL BE LOCATED AT LEAST 5 FEET FROM SANITARY SEWER MAIN.
6. ALL SANITARY SEWER LATERALS SHALL BE 4" PVC AND MAINTAIN A MINIMUM 2.0% SLOPE. REFER TO SANITARY SEWER DETAILS SHEET FOR BUILDING CONNECTION AND RISER DETAILS.



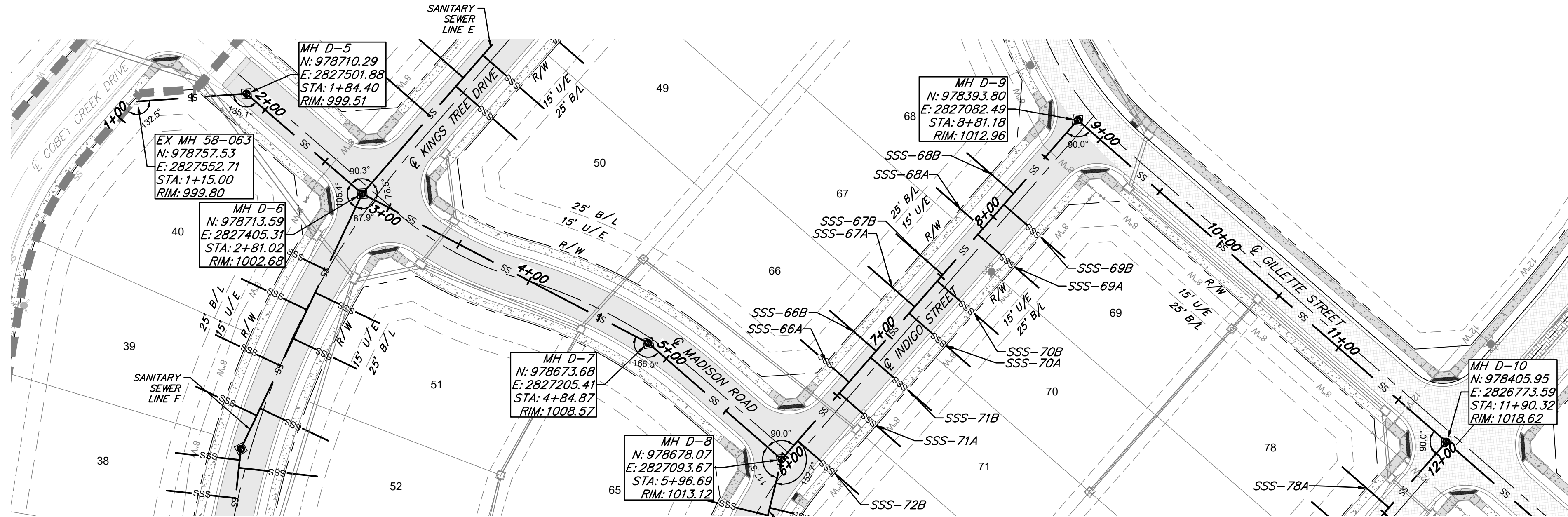
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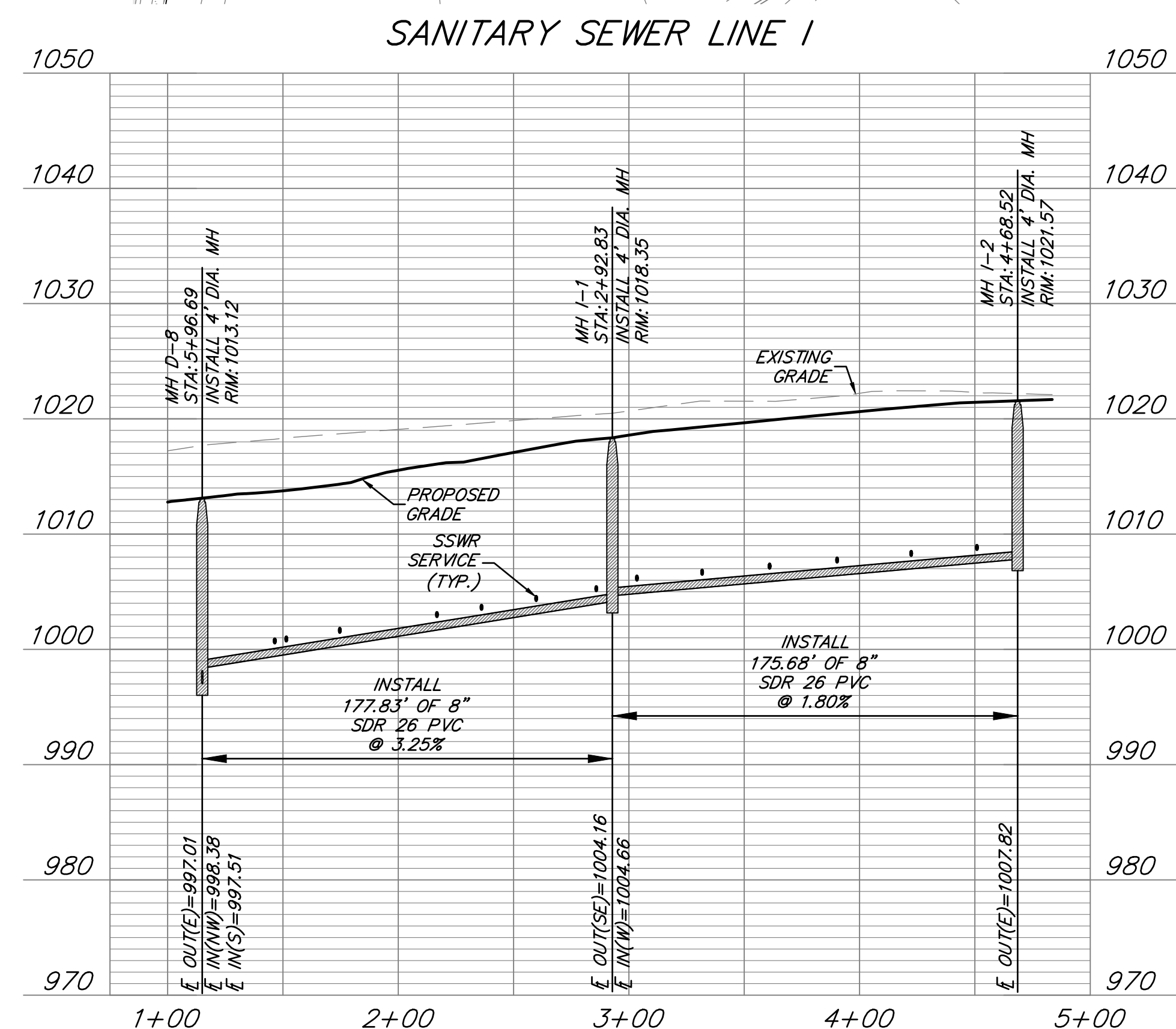
SANITARY SEWER SERVICE						
PIPE NAME	STATION	LENGTH	SLOPE	FL AT MAIN	E OSL	MSFE
SSS-72B	6+12.18	51	2.00%	997.67	999.84	1003.64
SSS-71A	6+52.18	51	2.00%	998.07	1000.24	1004.04
SSS-68A	6+61.51	39	2.00%	998.16	1000.09	1003.89
SSS-71B	6+82.18	51	2.00%	998.37	1000.54	1004.34
SSS-68B	6+87.51	39	2.00%	998.42	1000.35	1004.15
SSS-70A	7+19.18	51	2.00%	998.74	1000.91	1004.71
SSS-67A	7+24.51	39	2.00%	998.79	1000.72	1004.52
SSS-70B	7+46.18	51	2.00%	999.01	1001.18	1004.98
SSS-67B	7+51.51	39	2.00%	999.06	1000.99	1004.79
SSS-69A	7+85.18	51	2.00%	999.40	1001.57	1005.37
SSS-68A	7+90.18	39	2.00%	999.45	1001.38	1005.18
SSS-69B	8+10.18	51	2.00%	999.65	1001.82	1005.62
SSS-68B	8+19.51	39	2.00%	999.74	1001.67	1005.47



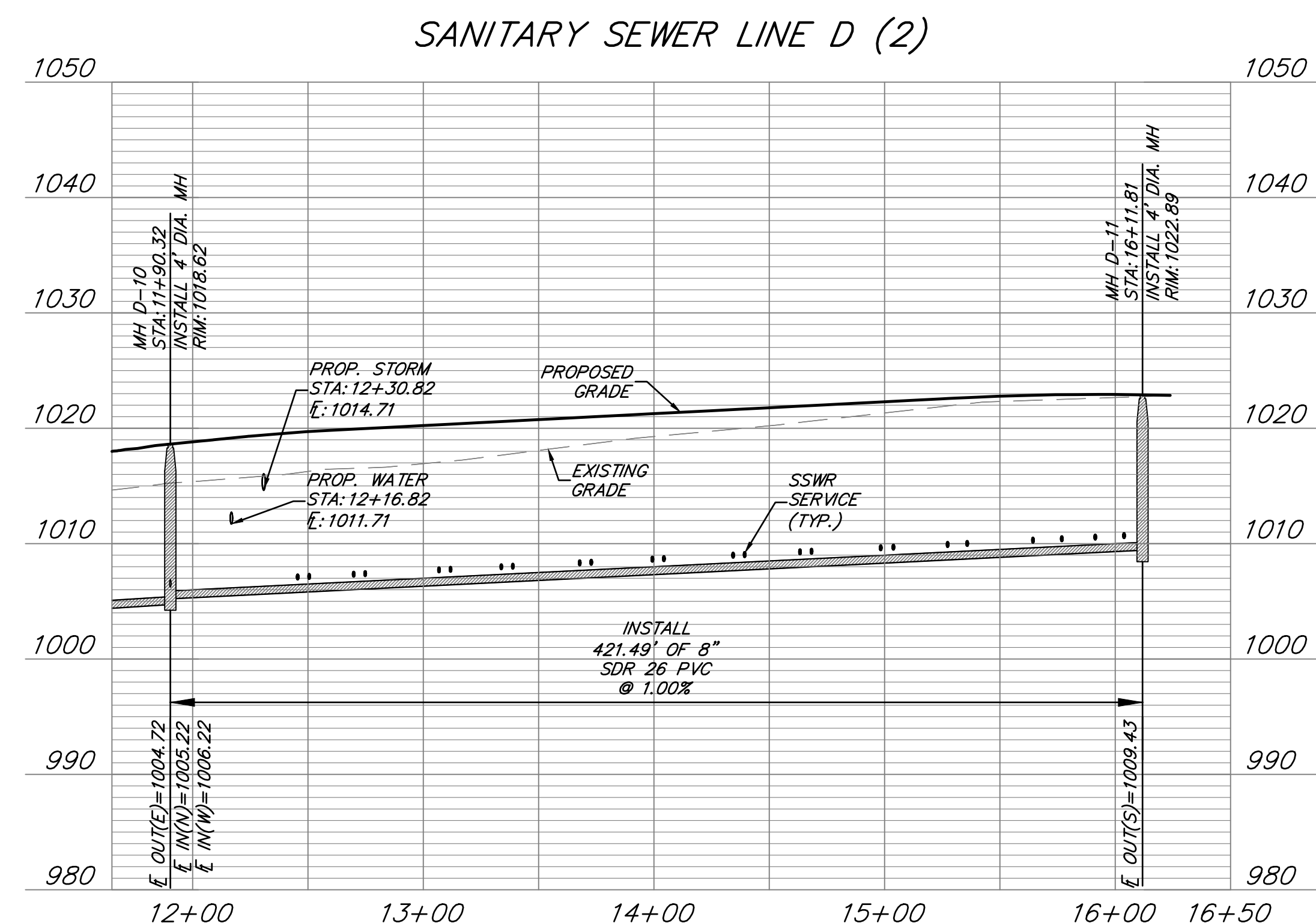
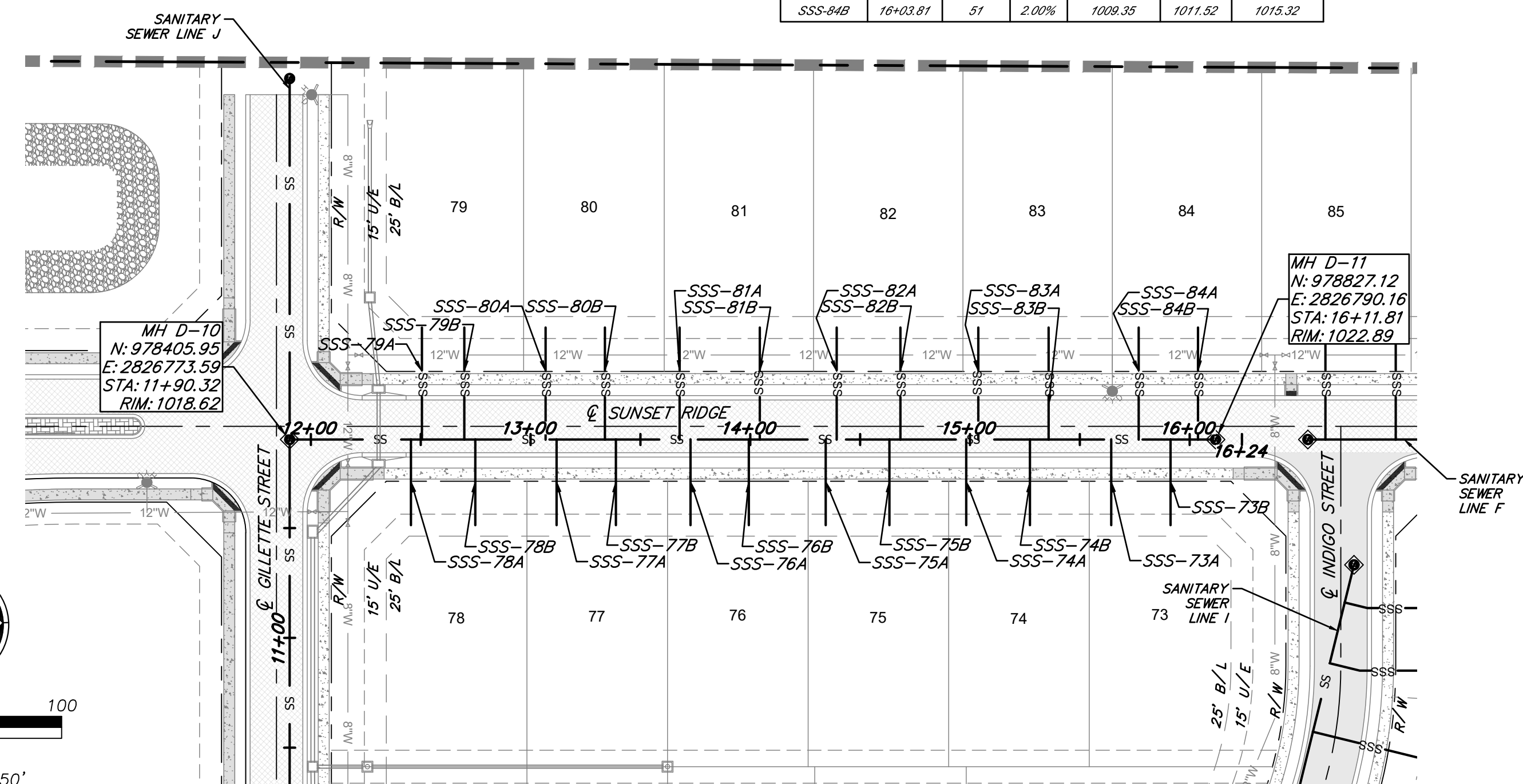
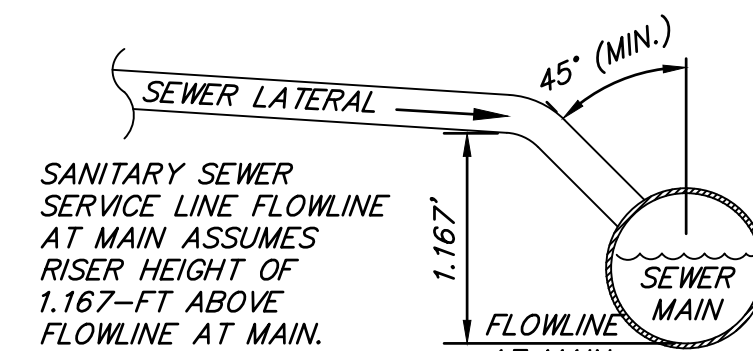
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SANITARY SEWER						
PIPE NAME	STATION	LENGTH	SLOPE	FL AT MAIN	EOSL	MSFE
SSS-72A	1+46.45	41	2.00%	989.40	1001.37	1005.1
SSS-65A	1+51.45	53	2.00%	989.56	1001.77	1005.57
SSS-65B	1+74.64	57	2.00%	1000.32	1002.61	1006.41
SSS-64A	2+16.75	50	2.00%	1001.68	1004.01	1007.81
SSS-64B	2+36.09	67	2.00%	1002.31	1004.60	1008.40
SSS-63A	2+58.78	52	2.00%	1003.08	1005.27	1009.07
SSS-63B	2+85.83	43	2.00%	1003.93	1005.94	1009.74
SSS-62A	3+03.46	44	2.00%	1004.85	1006.88	1010.68
SSS-62B	3+31.73	52	2.00%	1005.36	1007.55	1011.55
SSS-61A	3+60.89	56	2.00%	1005.69	1008.16	1011.96
SSS-61B	3+90.24	55	2.00%	1006.41	1008.66	1012.46
SSS-60A	4+22.37	50	2.00%	1006.99	1009.14	1012.94
SSS-60B	4+50.87	44	2.00%	1007.50	1009.53	1013.33



SANITARY SEWER SERVICE						
PIPE NAME	STATION	LENGTH	SLOPE	FLAT MAIN	EOSL	MSFE
SSS-76A	12+45.53	39	2.00%	1005.77	1007.70	1011.50
SSS-76A	12+50.53	51	2.00%	1005.82	1007.99	1011.79
SSS-76B	12+69.81	51	2.00%	1006.01	1008.18	1011.91
SSS-76B	12+74.81	39	2.00%	1006.06	1007.99	1011.79
SSS-80A	13+06.81	39	2.00%	1006.38	1008.55	1012.35
SSS-77A	13+11.81	39	2.00%	1006.43	1008.63	1012.16
SSS-80B	13+33.81	51	2.00%	1006.65	1008.82	1012.62
SSS-77B	13+38.81	39	2.00%	1006.70	1008.82	1012.43
SSS-81A	13+67.81	51	2.00%	1006.99	1009.16	1012.96
SSS-76A	13.72.81	39	2.00%	1007.04	1008.97	1012.77
SSS-76B	13+99.32	39	2.00%	1007.31	1009.24	1013.04
SSS-81B	14+04.32	51	2.00%	1007.36	1009.53	1013.33
SSS-75A	14+34.32	39	2.00%	1007.66	1009.59	1013.39
SSS-82A	14+39.32	51	2.00%	1007.71	1009.68	1013.68
SSS-75B	14+63.32	39	2.00%	1007.95	1009.68	1013.68
SSS-82B	14+68.32	51	2.00%	1008.00	1010.17	1013.97
SSS-74A	14+98.32	39	2.00%	1008.30	1010.23	1014.03
SSS-83A	15+03.81	51	2.00%	1008.35	1010.52	1014.32
SSS-74B	15+27.32	39	2.00%	1008.59	1010.52	1014.32
SSS-83B	15+35.81	51	2.00%	1008.67	1010.84	1014.64
SSS-73A	15+64.32	39	2.00%	1008.96	1010.89	1014.69
SSS-84A	15+78.81	51	2.00%	1009.08	1011.25	1015.05
SSS-73B	15+91.32	39	2.00%	1009.23	1011.16	1014.96
SSS-84B	16+03.81	51	2.00%	1009.35	1011.52	1015.32



8455 College Boulevard
Overland Park, KS 66210
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weareown.com

FORMERLY ANDERSON ENGINEERING

S29, T47N, R31W
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

[illegible]

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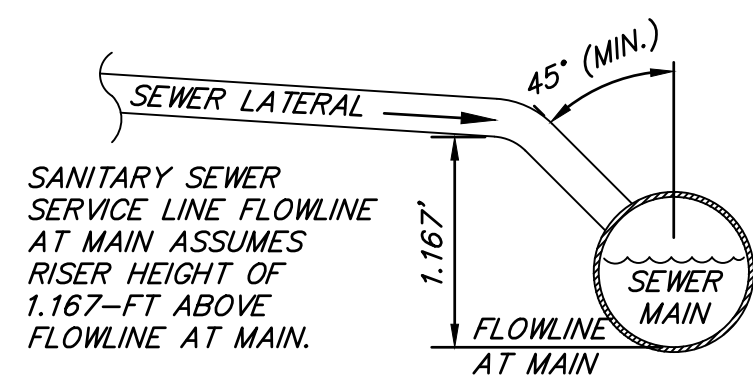
C303

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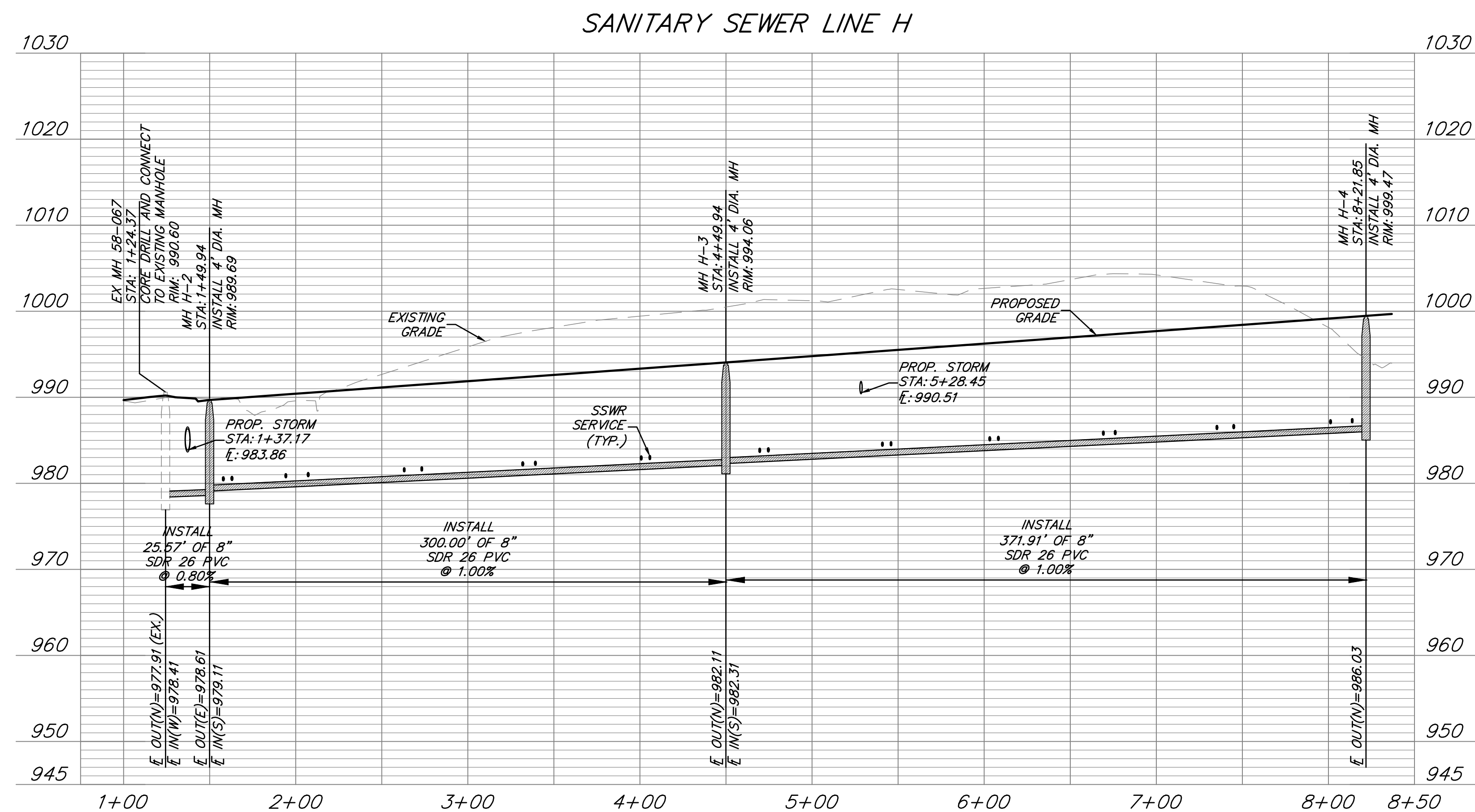
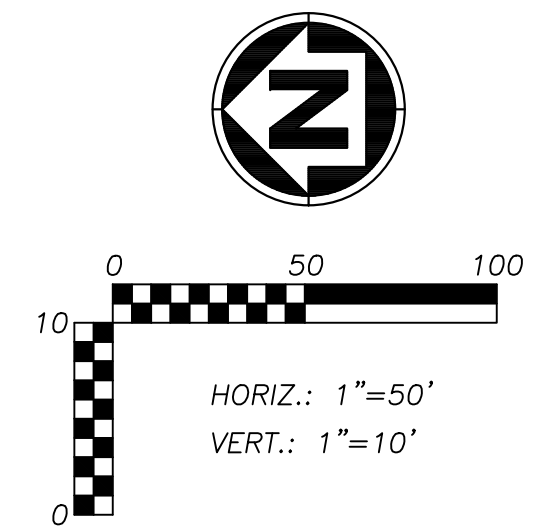
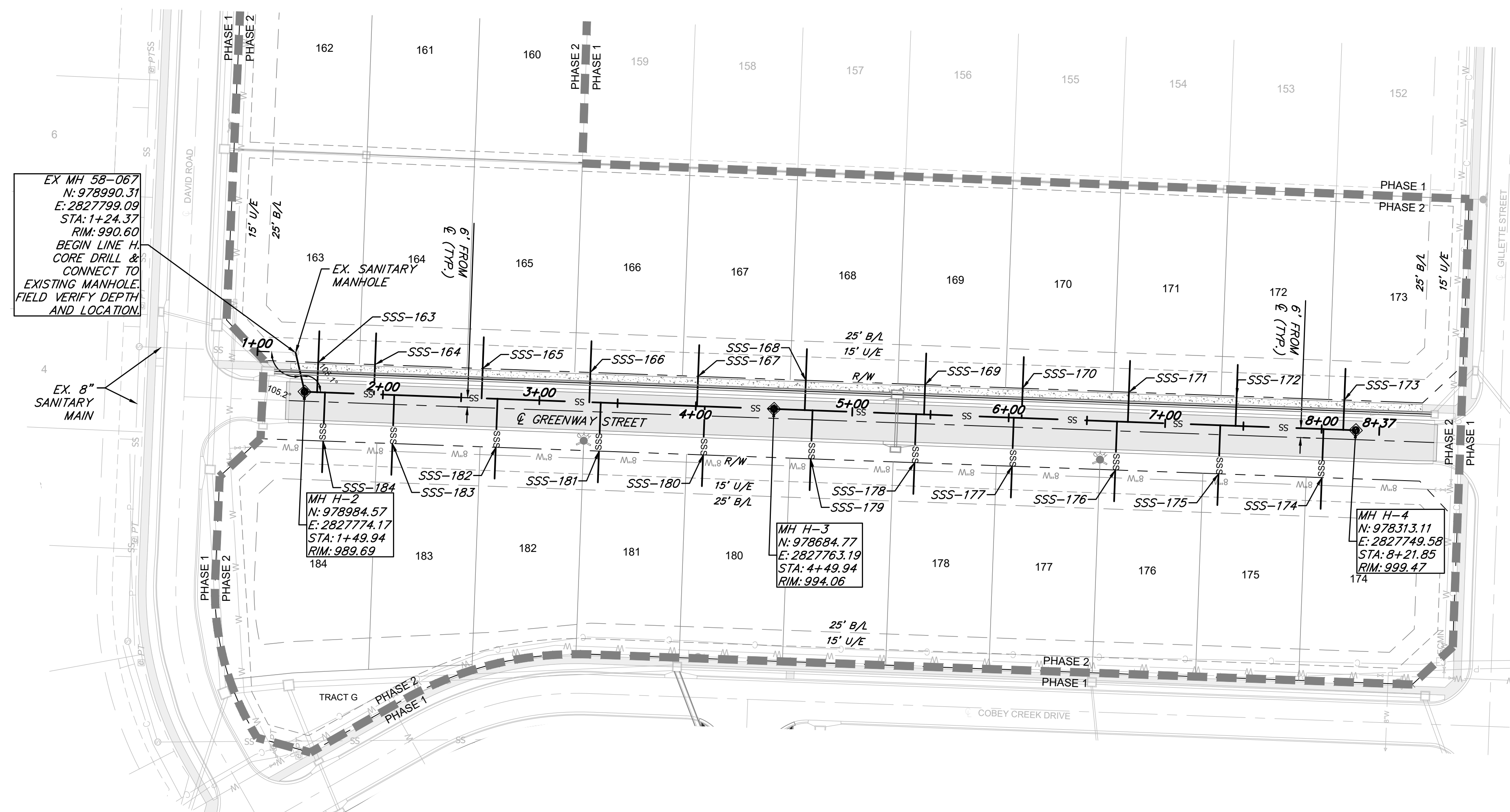
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SSS-163	1+57.94	39	2.00%	979.19	981.12	981.92
SSS-164	1+62.94	51	2.00%	979.24	981.41	985.21
SSS-164	1+94.24	39	2.00%	979.55	981.48	985.26
SSS-183	2+07.24	51	2.00%	979.68	981.65	985.65
SSS-165	2+63.05	39	2.00%	980.24	982.17	985.97
SSS-182	2+73.24	51	2.00%	980.34	982.51	986.31
SSS-166	3+31.90	39	2.00%	980.83	982.66	986.66
SSS-181	3+39.24	51	2.00%	981.00	983.17	986.97
SSS-167	4+00.75	39	2.00%	981.62	983.55	987.35
SSS-180	4+05.75	51	2.00%	981.67	983.84	987.64
SSS-168	4+69.60	39	2.00%	982.30	984.43	988.23
SSS-179	4+74.60	51	2.00%	982.55	984.72	988.52
SSS-178	5+40.88	51	2.00%	983.22	985.39	989.19
SSS-169	5+45.89	39	2.00%	983.27	985.20	989.00
SSS-177	6+03.24	51	2.00%	983.84	986.01	989.81
SSS-170	6+08.24	39	2.00%	983.89	986.82	989.62
SSS-176	6+69.24	51	2.00%	984.30	986.67	990.47
SSS-171	6+76.15	39	2.00%	984.37	986.50	990.30
SSS-175	7+35.24	51	2.00%	985.16	987.33	991.13
SSS-172	7+45.00	39	2.00%	985.26	987.19	990.99
SSS-174	8+01.24	51	2.00%	985.82	987.89	991.79
SSS-173	8+13.85	39	2.00%	985.95	987.68	991.68



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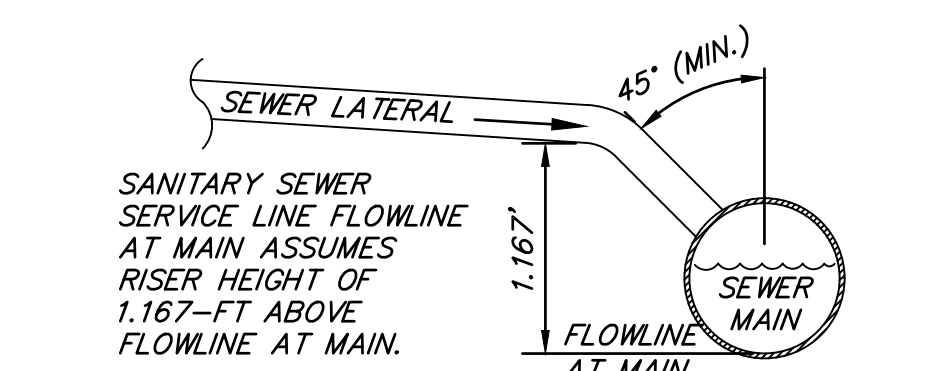
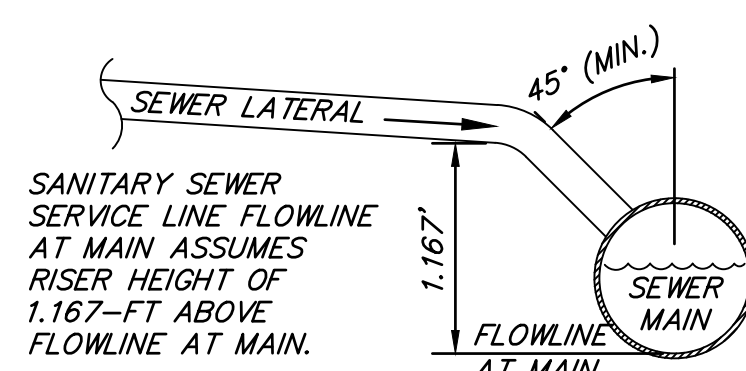
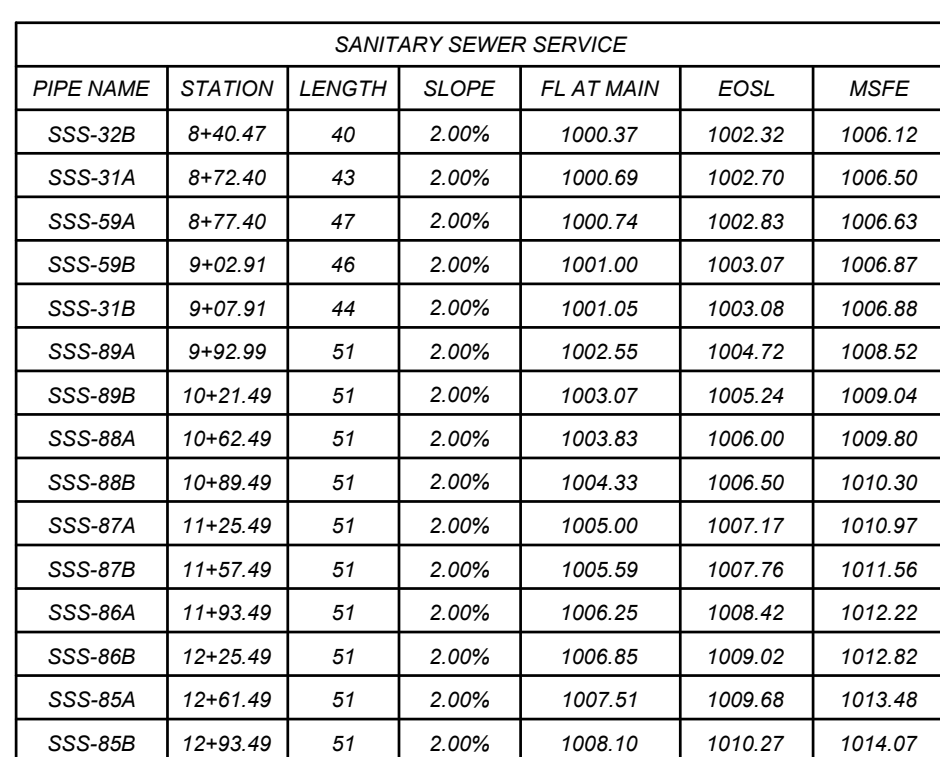
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C305

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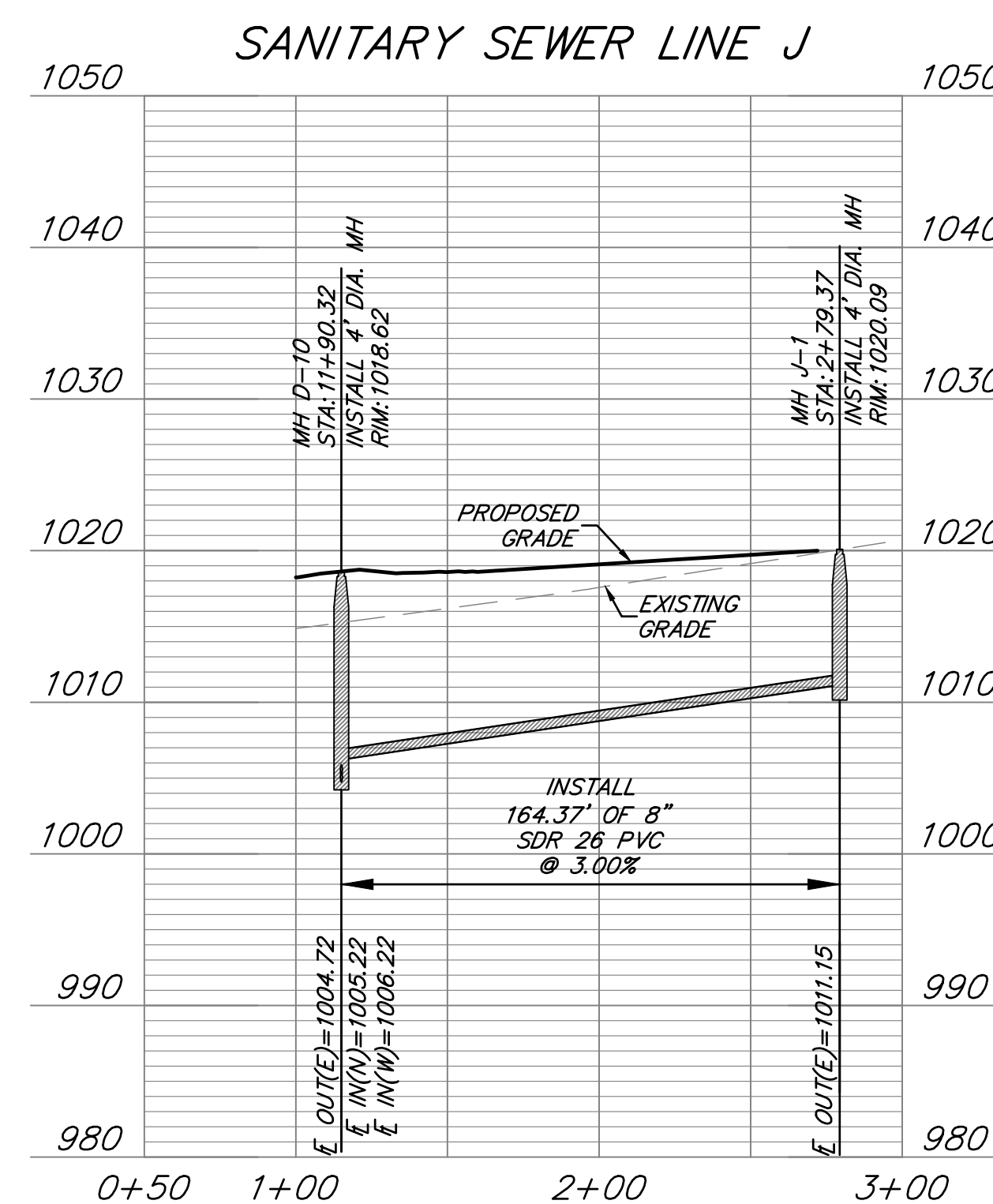
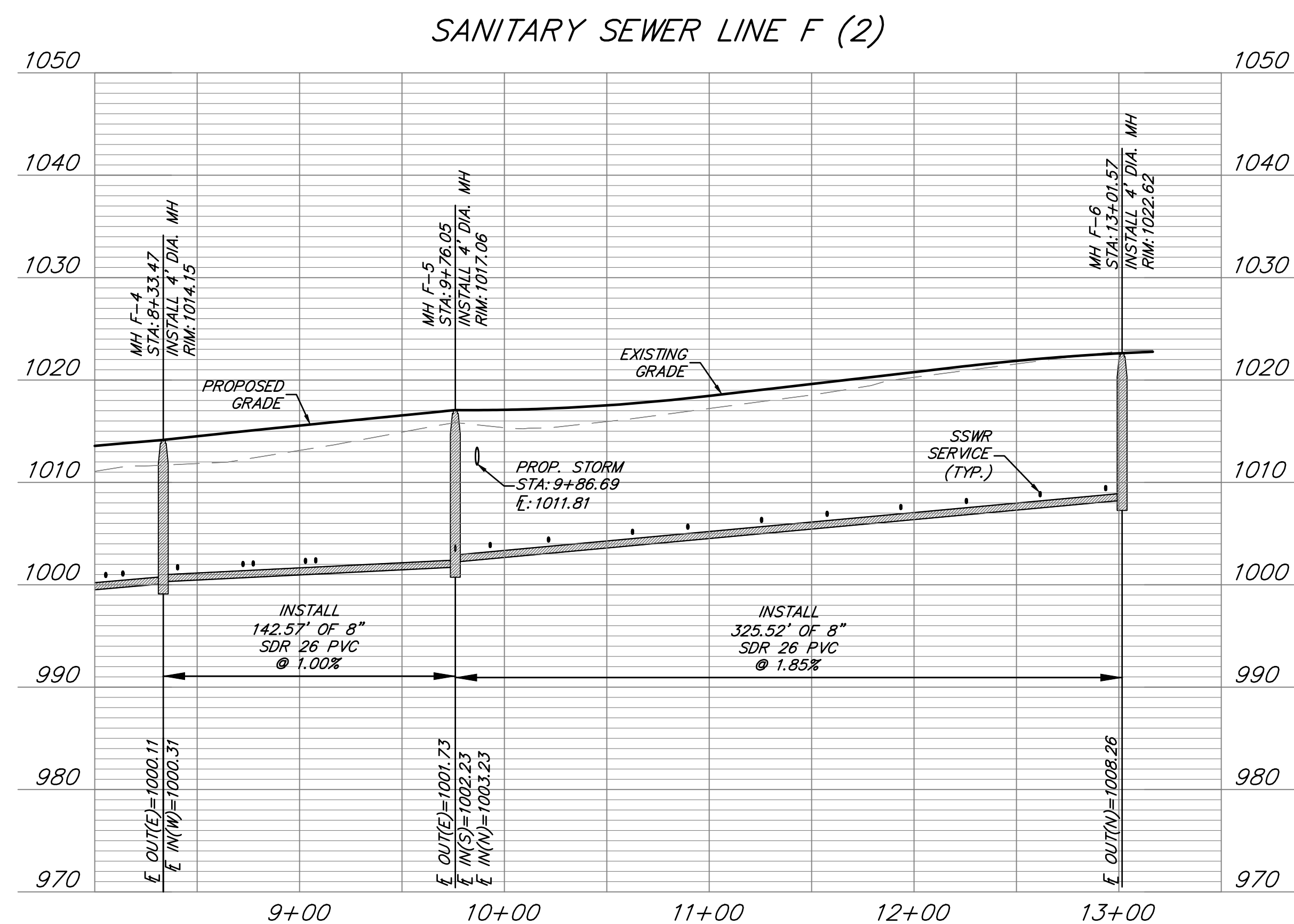
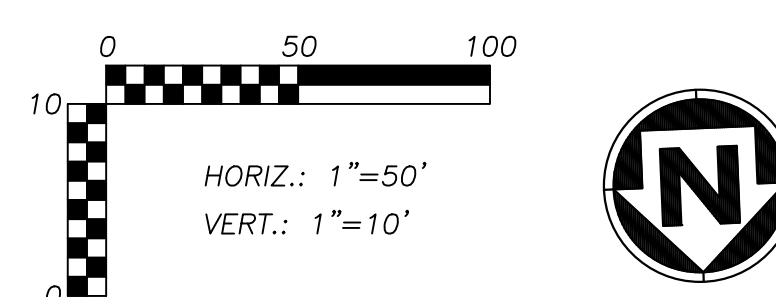


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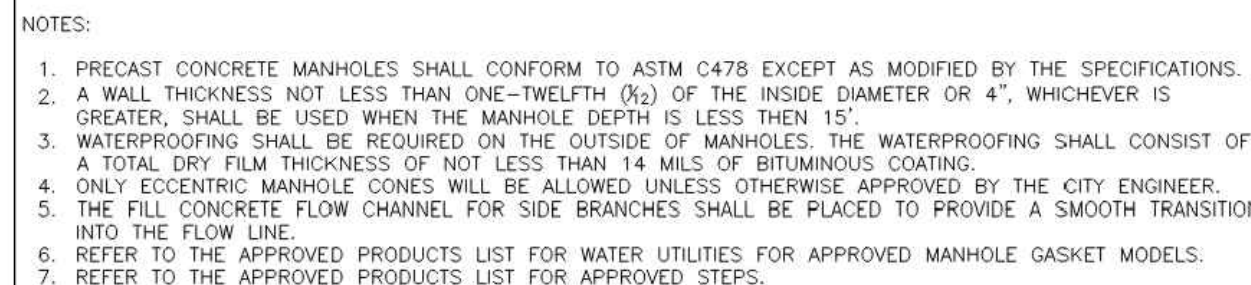


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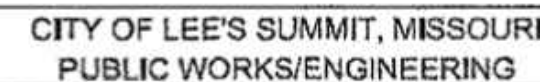
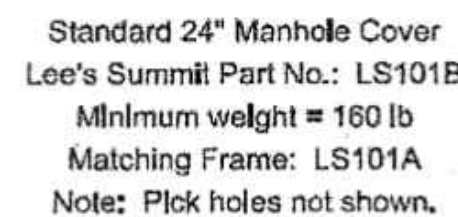
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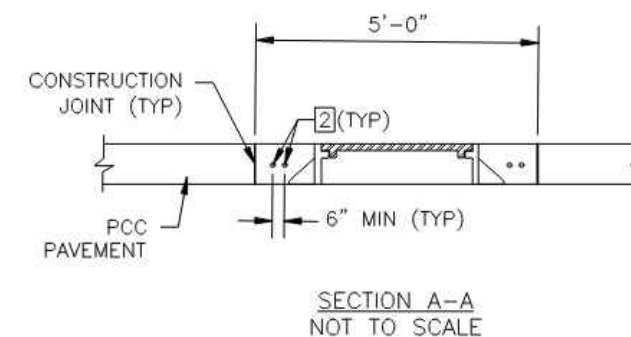


Date: 08/2023
Drawn By: MF
Checked By: AL
SAN



STANDARD 24" MANHOLE COVER

Date:	09/16/04
Drawn By:	JH
DWG:	SS-10
Rev:	04/05/07
Rev:	



NOTES:

- MINIMUM 2" CLEAR ON REINFORCEMENT. CENTER CASTING WITHIN BOXOUT AREA.
- CONCRETE SHALL BE COMMB 40 MIX.
- ALL STEEL SHALL BE EPOXY COATED.
- FOR CONSTRUCTION JOINT DETAIL, SEE DETAIL 2 ON SHEET GEN-10, TYPICAL PAVEMENT JOINT DETAILS.

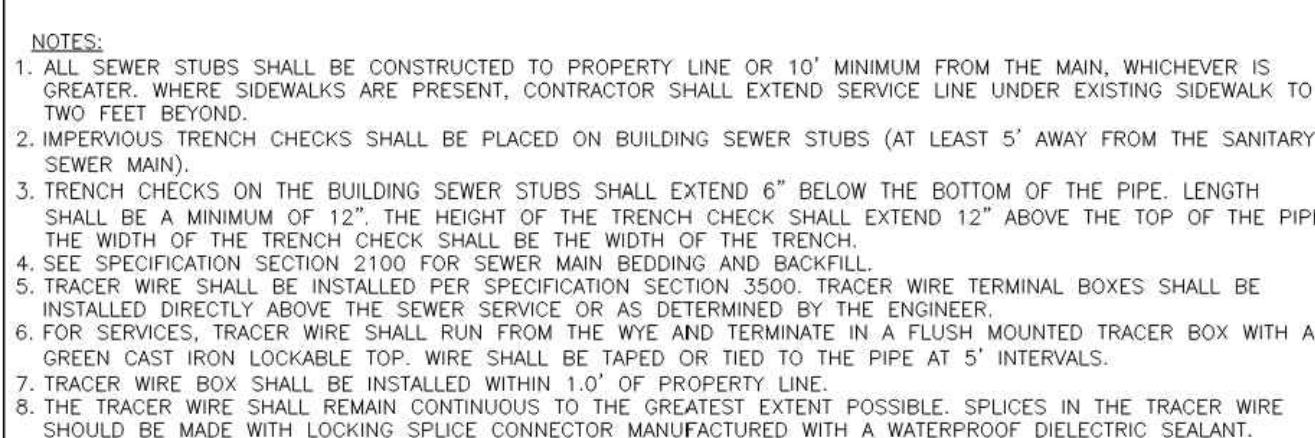
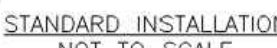
1 CONSTRUCTION JOINT.

2 4"-8"(TYP) #4 BAR. PLACE AT MID-SLAB.

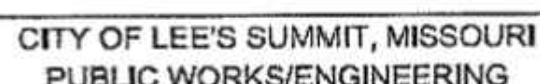
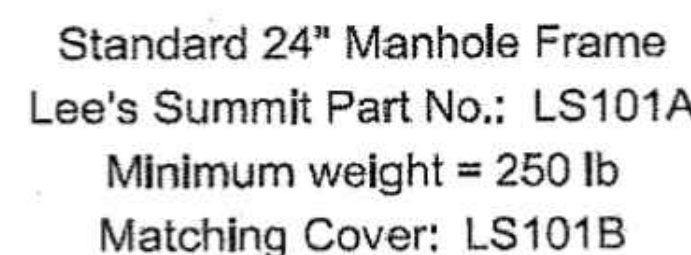
3 #4 DOWELS @ 12" O.C. INTO CONCRETE PAVEMENT MIN. LENGTH 12".



Date: 08/2023
Drawn By: MJ
Checked By: A
SAN

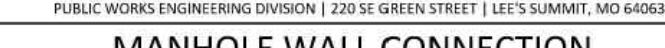
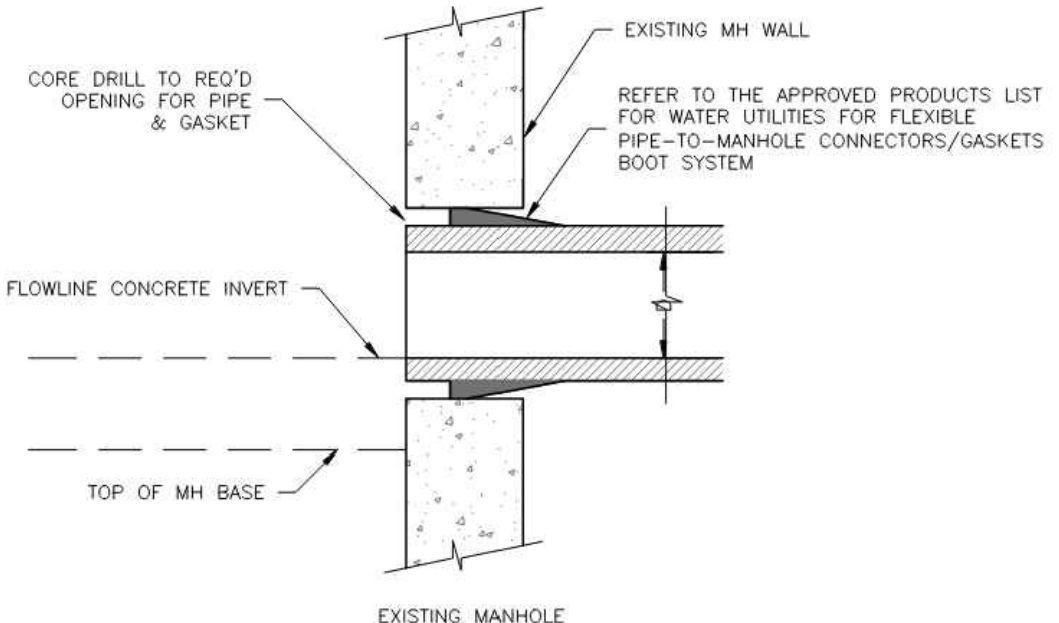


Date: 08/2023
Drawn By: MUF
Checked By: AB
SAN

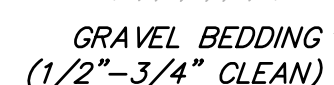


STANDARD 24" MANHOLE FRAME

Date: 09/15/04
Drawn By: JH
DWG: SS-0
Rev: 01/04/07



Date: 08/2023
Drawn By: MLL
Checked By: A
SAN



PIPE BEDDING DETAIL
NOT TO SCALE