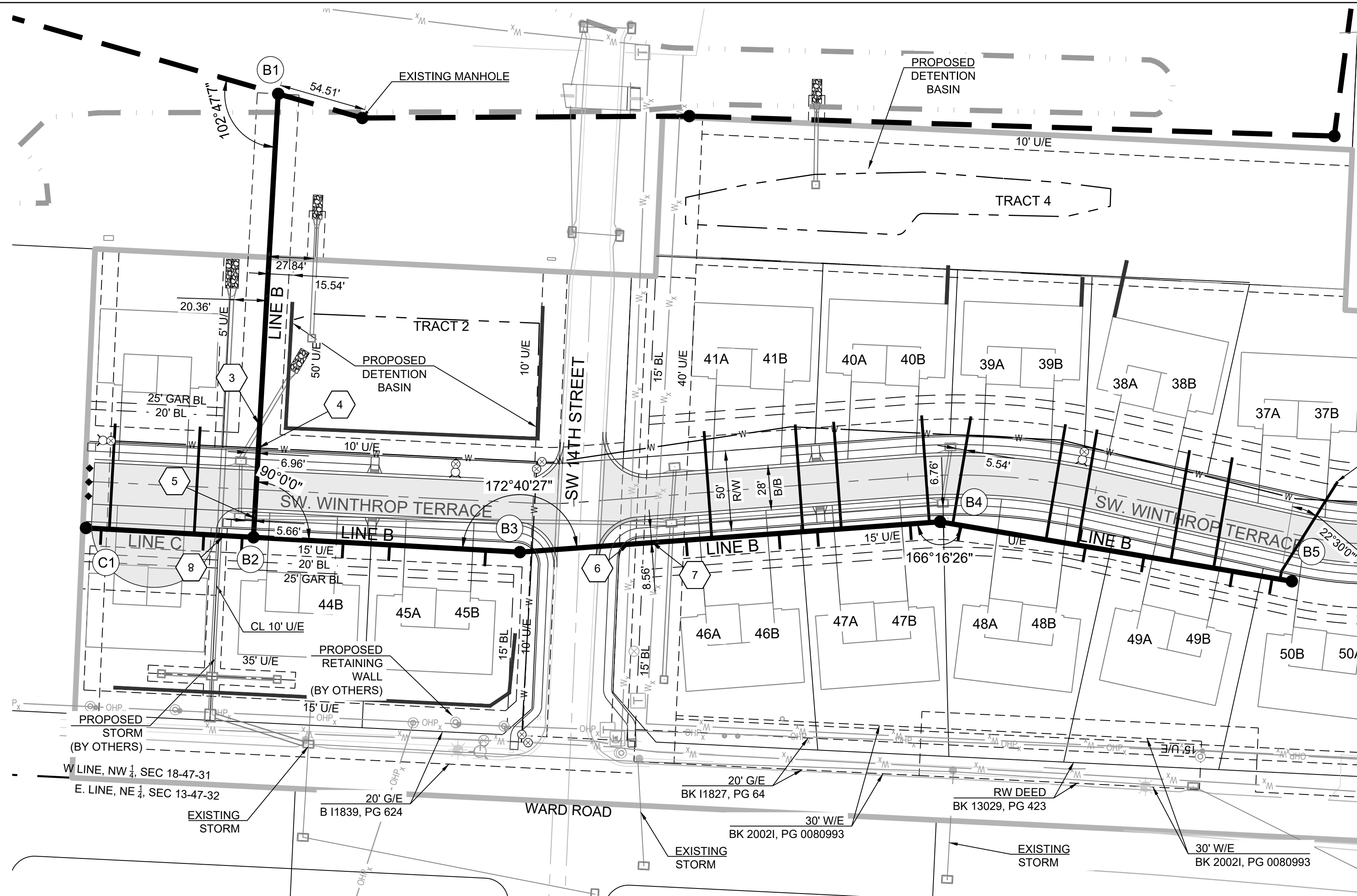


Lot No.	WYE STA	Stub Length (L.F.)	Stub Slope (%)	Riser Length (L.F.)	EOS Elev	MSFE Elev	Cleanout
37B	920.89	71	1.30	0.00	987.13	990.13	NO
37A	878.89	70	1.30	0.00	985.67	988.67	NO
38B	851.89	70	1.30	0.00	984.73	987.73	NO
38A	792.89	70	1.30	4.00	985.52	988.52	NO
39B	772.89	73	1.30	0.00	982.04	985.04	NO
39A	713.89	65	1.30	4.00	982.72	985.72	NO
40B	699.18	67	1.30	0.00	979.27	982.27	NO
40A	644.18	65	1.30	3.00	979.96	982.96	NO
41B	620.18	67	1.30	0.00	977.26	980.26	NO
41A	563.18	67	1.30	0.00	975.80	978.80	NO
44B	332.84	10	1.30	0.00	968.89	971.89	NO
45A	361.84	9	1.30	2.00	971.05	974.05	NO
45B	421.84	10	1.30	0.00	971.24	974.24	NO
46A	547.18	6	1.30	6.00	978.84	981.84	NO
46B	605.18	7	1.30	4.00	978.92	981.92	NO
47A	629.18	4	1.30	8.00	982.33	985.33	NO
47B	687.18	6	1.30	6.00	982.41	985.41	NO
48A	718.89	4	1.30	8.00	984.93	987.93	NO
48B	797.89	6	1.30	6.00	986.27	989.27	NO
49A	834.89	6	1.30	6.00	987.55	990.55	NO
49B	890.89	7	1.30	4.00	988.09	991.09	NO
50B	915.89	8	1.30	3.00	988.26	991.26	NO

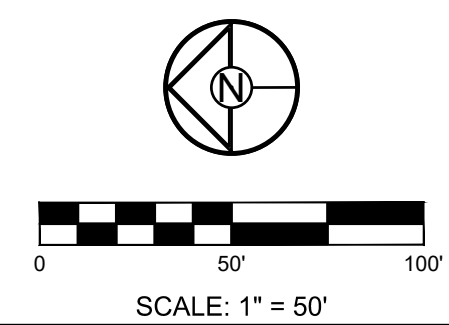
ID	SAN ELEV.	SANITARY CROSSING TABLE	VERTICAL SEPARATION	RCE/CRCE REQUIRED?
3	964.33	STORM/WATER ELEV. 970.18, SAN SIZE 8" PCV, STORM/WATER SIZE 30" HDPE	5.14	NO
4	964.67	STORM/WATER ELEV. 974.85, SAN SIZE 8" PCV, STORM/WATER SIZE 24" HDPE	9.46	NO
5	965.88	STORM/WATER ELEV. 971.53, SAN SIZE 8" PCV, STORM/WATER SIZE 24" HDPE	4.94	NO
6	973.04	STORM/WATER ELEV. 978.16, SAN SIZE 8" PCV, STORM/WATER SIZE 36" DIP	4.03	NO
7	973.70	STORM/WATER ELEV. 978.65, SAN SIZE 8" PCV, STORM/WATER SIZE 15" HDPE	4.38	NO



PROJECT BENCHMARK:
 SW CORNER NW 1/4 SEC. 18-47N-31W, JACKSON COUNTY, MO.
 3" DIAMETER ALUMINUM DISK IN MONUMENT BOX
 M.D.N.R. DOC. NO. 600-65374
 ELEV. 1036.41

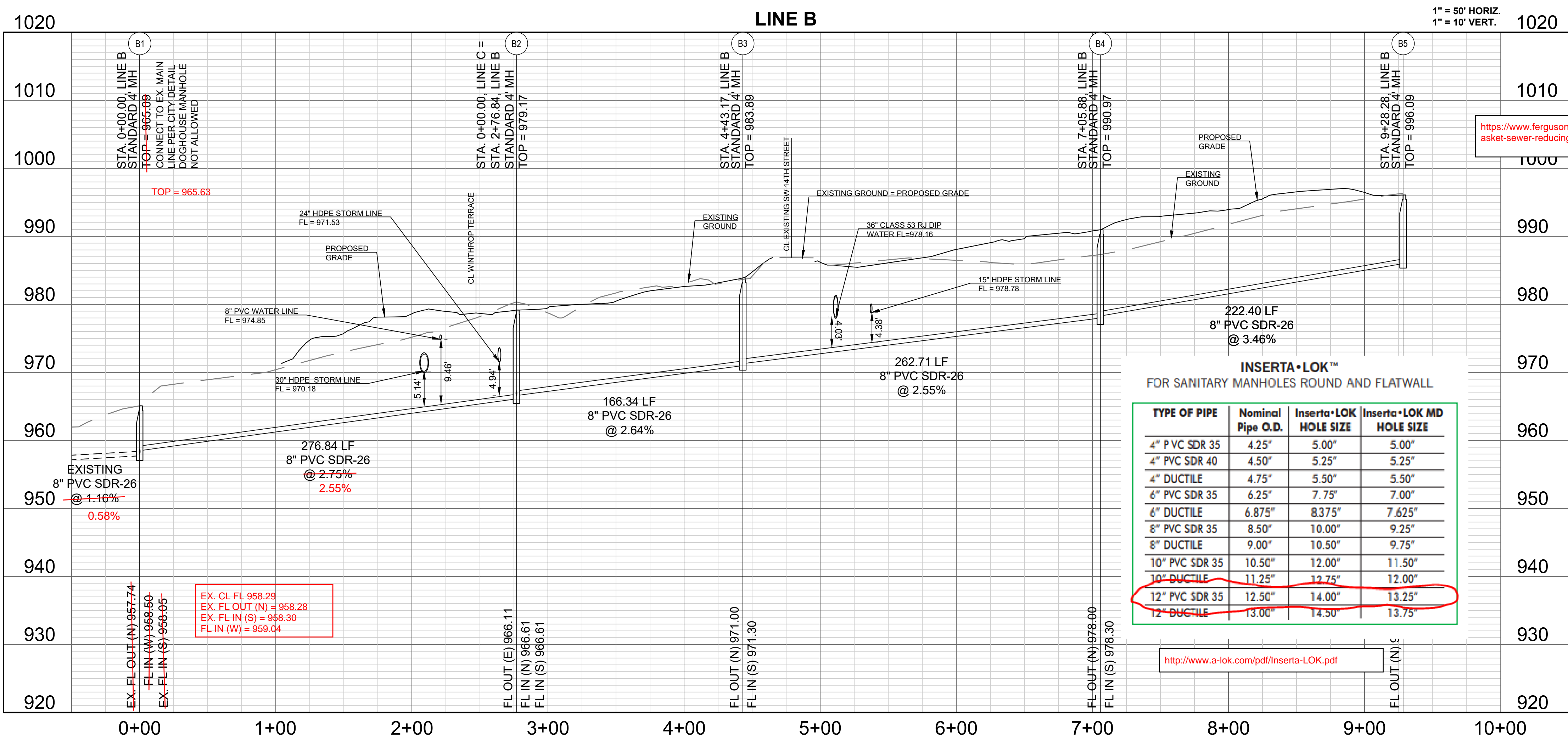
- GENERAL NOTES:**
- ALL WYES ARE STATIONED USING MAIN LINE STATIONS.
 - M.S.F.E DENOTES MINIMUM SEWERABLE FLOOR ELEVATION.
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATIONS.
 - ALL SERVICE LINES ARE TO BE 90° TO THE MAIN UNLESS OTHERWISE NOTED.
 - ALL SANITARY SEWER MANHOLES ARE 4' DIAMETER UNLESS OTHERWISE NOTED.

INSTALL 5 L.F. OF 6" PVC THEN 6" 22.5° BEND THEN 65 L.F. OF 6" PVC



SCHLAGEL
 ENGINEERS PLANNERS SURVEYORS LANDSCAPE ARCHITECTS
 14920 West 107th Street • Lenexa, Kansas 66215
 (913) 492-5158 • Fax: (913) 492-8400
 WWW.SCHLAGELASSOCIATES.COM
 Missouri State Certificates of Authority
 #E200200360P-F #LAC201005237 #LS200200895F

AND GLEN 2ND PLAT
 SEWER MAIN EXTENSION
 WARD ROAD AND WINTHROP DRIVE
 LEE'S SUMMIT, MISSOURI



Structure Name	Structure Northing	Structure Easting
B1	993651.2313	2818718.4949
B2	993666.6637	2818442.0890
B3	993500.5868	2818432.8165
B4	993238.5614	2818451.7377
B5	993019.2687	2818414.6635

Downstream MH
 N: 4039.993898.9609
 E: 2818788.8188
 Top = 962.2540
 FL IN S. 8" PVC = 956.804 (-5.45)
 FL IN E. 6" PVC = 955.804 (-6.45)
 FL OUT N. 10" PVC = 955.704 (-6.55)

Upstream MH
 N: 4030.993598.8298
 E: 2818703.4878
 Top = 965.1575
 FL IN S. 8" PVC = 958.7575 (-6.40)
 FL OUT N. 8" PVC = 958.6075 (-6.55)
 Length = 312.0257
 Slope = 0.578%

INSERTA-LOK™
 FOR SANITARY MANHOLES ROUND AND FLATWALL

TYPE OF PIPE	Nominal Pipe O.D.	Inserta-LOK HOLE SIZE	Inserta-LOK MD HOLE SIZE
4" PVC SDR 35	4.25"	5.00"	5.00"
4" PVC SDR 40	4.50"	5.25"	5.25"
4" DUCTILE	4.75"	5.50"	5.50"
6" PVC SDR 35	6.25"	7.75"	7.00"
6" DUCTILE	6.875"	8.375"	7.625"
8" PVC SDR 35	8.50"	10.00"	9.25"
8" DUCTILE	9.00"	10.50"	9.75"
10" PVC SDR 35	10.50"	12.00"	11.50"
10" DUCTILE	11.25"	12.75"	12.00"
12" PVC SDR 35	12.50"	14.00"	13.25"
12" DUCTILE	13.00"	14.50"	13.75"

12 in x 8 in

Multi-Fittings Corporation Trench Tough Plus™ 12 x 8 in. Spigot x Gasket Sewer Reducing and Eccentric SDR 35 PVC Increaser Bushing

Part #MUL043273
 Item #1227905
 Mfr. Part #043273

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI 06/07/2021

WO SANITARY WARD LEE'S SUMMIT, MISSOURI

LINE B PLAN AND PROFILE

SHEET

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