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Date: 5/17/2023
 Certified by: BAL
 Title: Design Engineer
 Firm: Schlagel and Associates, P.A.

CHISELED "SQUARE" ON STORM CURB INLET AT NORTHWEST
INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW
BOULEVARD.

NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09

Record Drawing

1. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF LEE'S SUMMIT TECHNICAL SPECIFICATIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION.
3. ALL DRYES ARE STATIONED USING MAIN LINE STATIONS.
4. ALL EXCAVATION IS CONSIDERED UNCLASSIFIED.
5. ALL SERVICE STUB LINE SHALL HAVE A MINIMUM PIPE STIFFNESS OF SDR-26.
6. ALL SANITARY SEWER MANHOLES ARE 4' DIAMETER UNLESS OTHERWISE NOTED.
7. ALL SERVICE STUBS SHALL BE 90° TO THE MAIN, UNLESS OTHERWISE NOTED.
8. REFERENCE "MANHOLE IN PAVED AREA" DETAIL FOR MANHOLES PROPOSED IN ASPHALT OR CONCRETE PAVEMENT.
9. ALL GRAVITY CONSTRUCTION IS FOR MINOR DISTURBANCE ONLY. CONTRACTOR IS TO GRADE WITHIN THE LIMITS OF DISTURBANCE AND PROVIDE SANITARY COVER AS REQUIRED BY THE CITY'S TECHNICAL SPECIFICATIONS.

BM JA-148, IS A STAMPED KC METRO DISK SET IN CONCRETE LOCATED 2 MILES WEST OF THE INTERSECTION OF HIGHWAY 50 AND 3RD ST. IT IS 44 FT NORTH OF THE CENTER OF 3RD ST. AND 102.5 FT WEST OF THE CENTER OF THE EXIT FROM THE ADJACENT PARKING LOT.

ELEV. 935.18

PERGOLA PARK, 5TH PLAT
SANITARY SEWER MAIN PLANS
PERGOLA PARK DRIVE & MARY STREET
LEE'S SUMMIT, MISSOURI

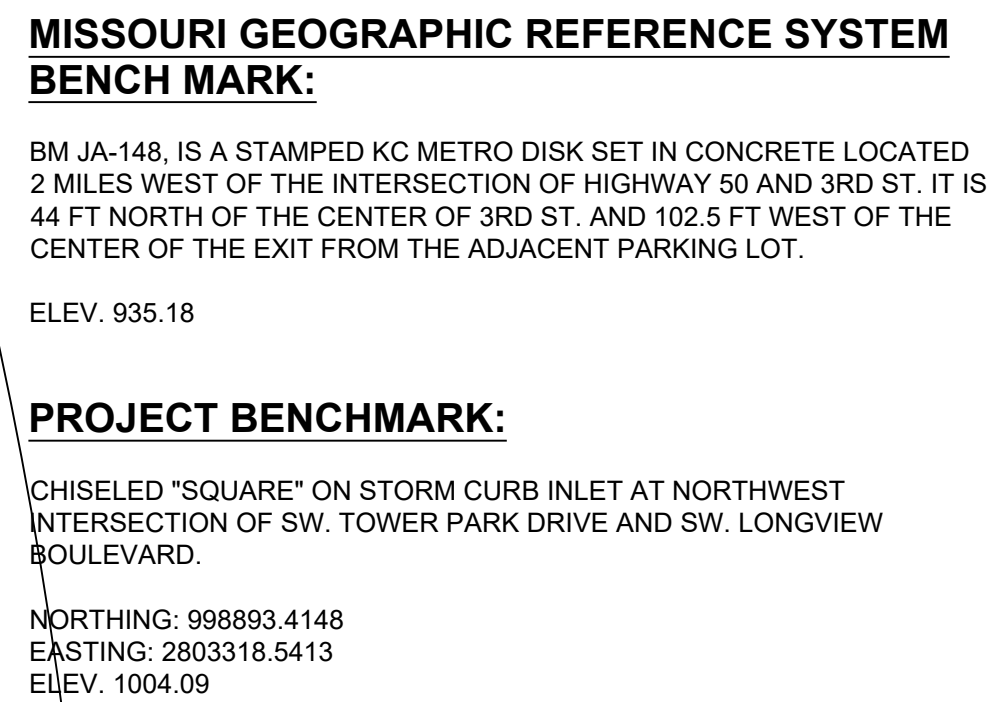
DRAWN BY:		REVISION	DATE	DESCRIPTION
P WOODARD		1	2-2-22	CITY COMMENTS
CHECKED BY:		2	3-23-22	CITY COMMENTS
M BREUER		3	5-17-23	AS-BUILT'S
DATE PREPARED:		4		
11/17/2021		5		
PROJ. NUMBER:		6		
20-189		7		

SHEET


2

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11. TRACER WIRE SHALL BE INSTALLED ALONG THE TOP OF SERVICE STUBS. THE WIRE SHALL HAVE HDPE INSULATION, BE NO SMALLER THAN 12 GAUGE, AND INTENDED FOR UNDERGROUND APPLICATIONS. THE TRACER WIRE SHALL BE GREEN IN COLOR. TRACER WIRES SHALL TERMINATE AT THE GROUND SURFACE INSIDE THE TRACER BOX. TRACER BOX LIDS SHALL BE GREEN IN COLOR. TRACER WIRE SHALL BE GROUNDED A MINIMUM ONE POUND MAGNESIUM ANODE AT THE SEWER LINE.
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SANITARY CROSSING TABLE						
ID	STORM/WATER		STORM/WATER		VERTICAL SEPARATION	RCE/CRC REQUIRED
	SAN ELEV.	ELEV.	SAN SIZE	SIZE		
1	922.81	934.86	8" PVC	8" PVC	11.36	NO
2	927.12	938.29	8" PVC	8" PVC	10.50	NO
3	931.32	938.77	8" PVC	15" HDPE	6.76	NO
4	938.75	941.08	8" PVC	30" HDPE	1.64	NO

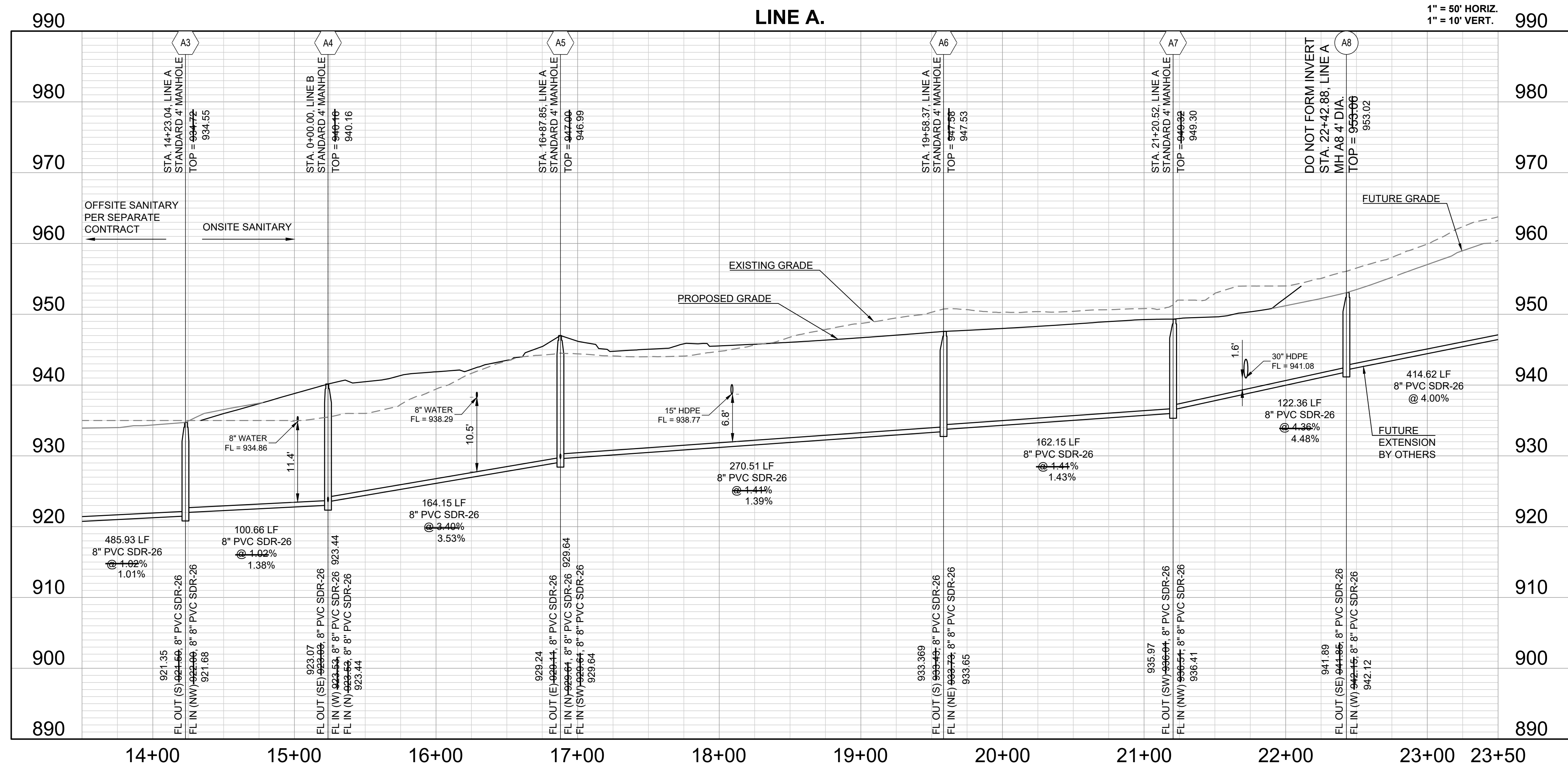


PREPARED BY:



05.17.2023

HLAGEL & ASSOCIATES, P.A.



Structure Table		
Structure Name	Structure Northing	Structure Easting
A3	995524.3741	2803130.2786
A4	995610.1450	2803077.5882
A5	995627.8560	2802914.3980
A6	995895.9634	2802950.3988
A7	996038.8006	2803027.1524
A8	996107.2068	2802925.6982

RECORD DRAWING

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“100-00 100.10”, “1-00@ 1.15% slope”, or “8-inch HDPE PVC pipe” are all typical examples of revisions that indicate that design data has been replaced with “as-built” information. All other data is as designed and has not been field verified.

Date: 5/17/2023
 Certified by: BAL
 Title: Design Engineer
 Firm: Schlagel and Associates, P.A.

Record Drawing

PERGOLA PARK, 5TH PLAT
SANITARY SEWER MAIN PLANS
PERGOLA PARK DRIVE & MARY STREET
LEE'S SUMMIT, MISSOURI

SHEET		3	
LINE A CONT.			
CITY COMMENTS			
CITY COMMENTS			
AS-BUILT			
	2-4-22		
	3-25-22		
CHECKED BY:	M. WOODARD		
	5-17-23		
DATE PREPARED:	11/17/2021		
PROJ. NUMBER:	20-189		

NOTES:

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MISSOURI GEOGRAPHIC REFERENCE SYSTEM
BENCH MARK:

BM JA-148, IS A STAMPED KC METRO DISK SET IN CONCRETE LOCATED 2 MILES WEST OF THE INTERSECTION OF HIGHWAY 50 AND 3RD ST. IT IS 44 FT NORTH OF THE CENTER OF 3RD ST. AND 102.5 FT WEST OF THE CENTER OF THE EXIT FROM THE ADJACENT PARKING LOT.

ELEV. 935.18

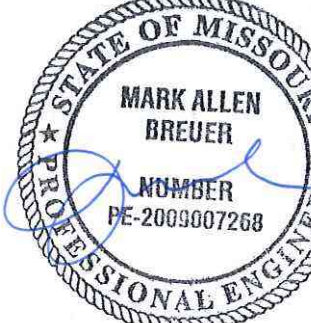
PROJECT BENCHMARK:

CHISELED "SQUARE" ON STORM CURB INLET AT NORTHWEST INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW BOULEVARD.

NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09



PREPARED BY:



05.17.2023

SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK, 5TH PLAT
SANITARY SEWER MAIN PLANS
PERGOLA PARK DRIVE & MARY STREET
LEE'S SUMMIT, MISSOURI

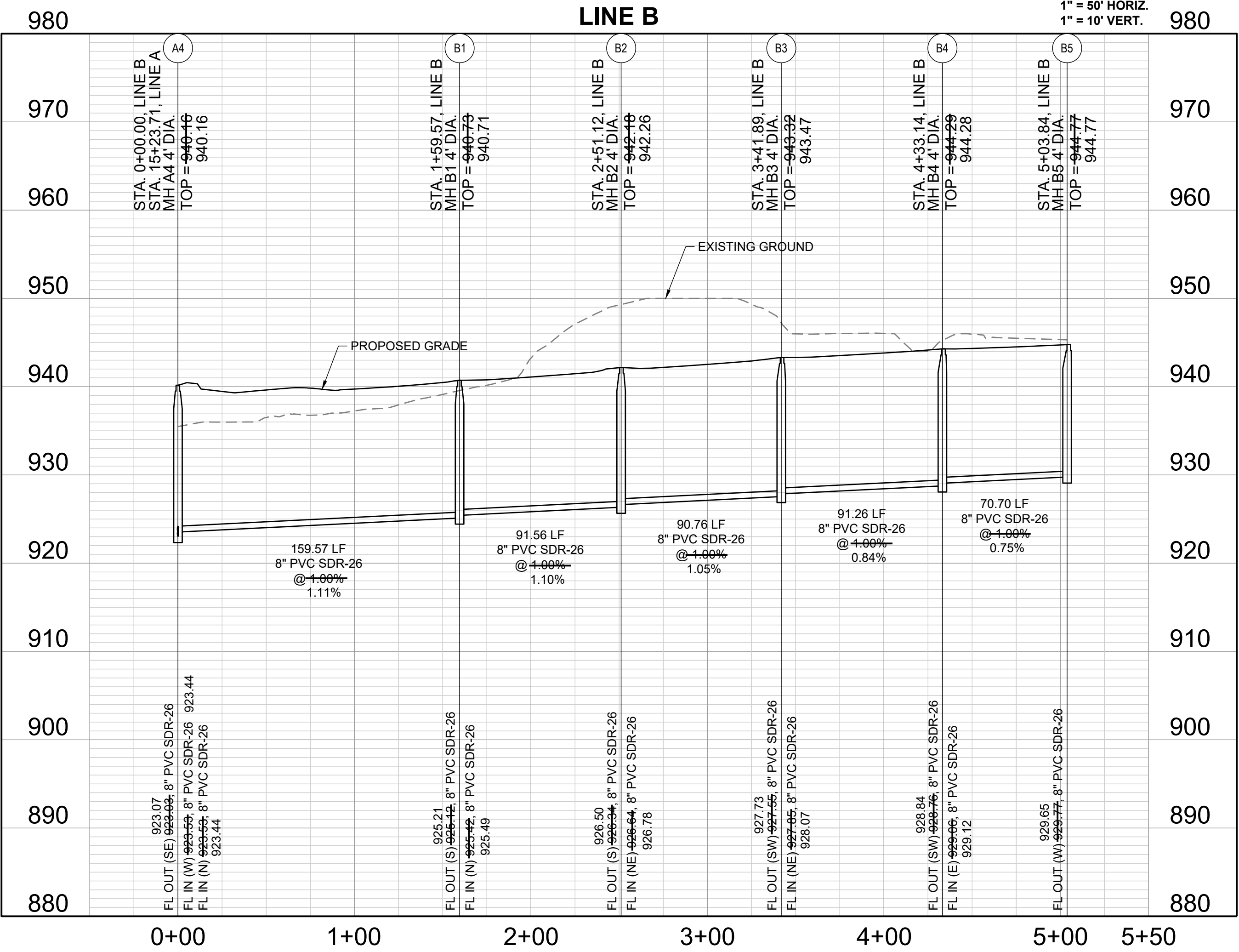
Structure Table		
Structure Name	Structure Northing	Structure Easting
A4	995610.1450	2803077.5882
B1	995769.0273	2803062.8398
B2	995859.2695	2803078.3090
B3	995940.3990	2803119.0015
B4	996006.5744	2803181.8417
B5	996032.7467	2803247.5169

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Record Drawing

LINE B

SHEET

4

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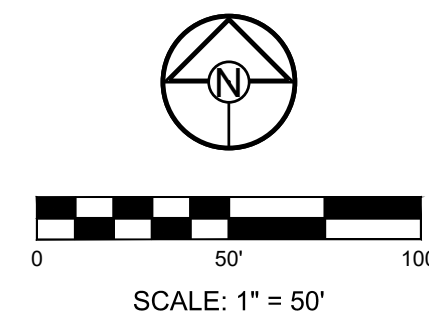
PROJECT BENCHMARK:

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INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW
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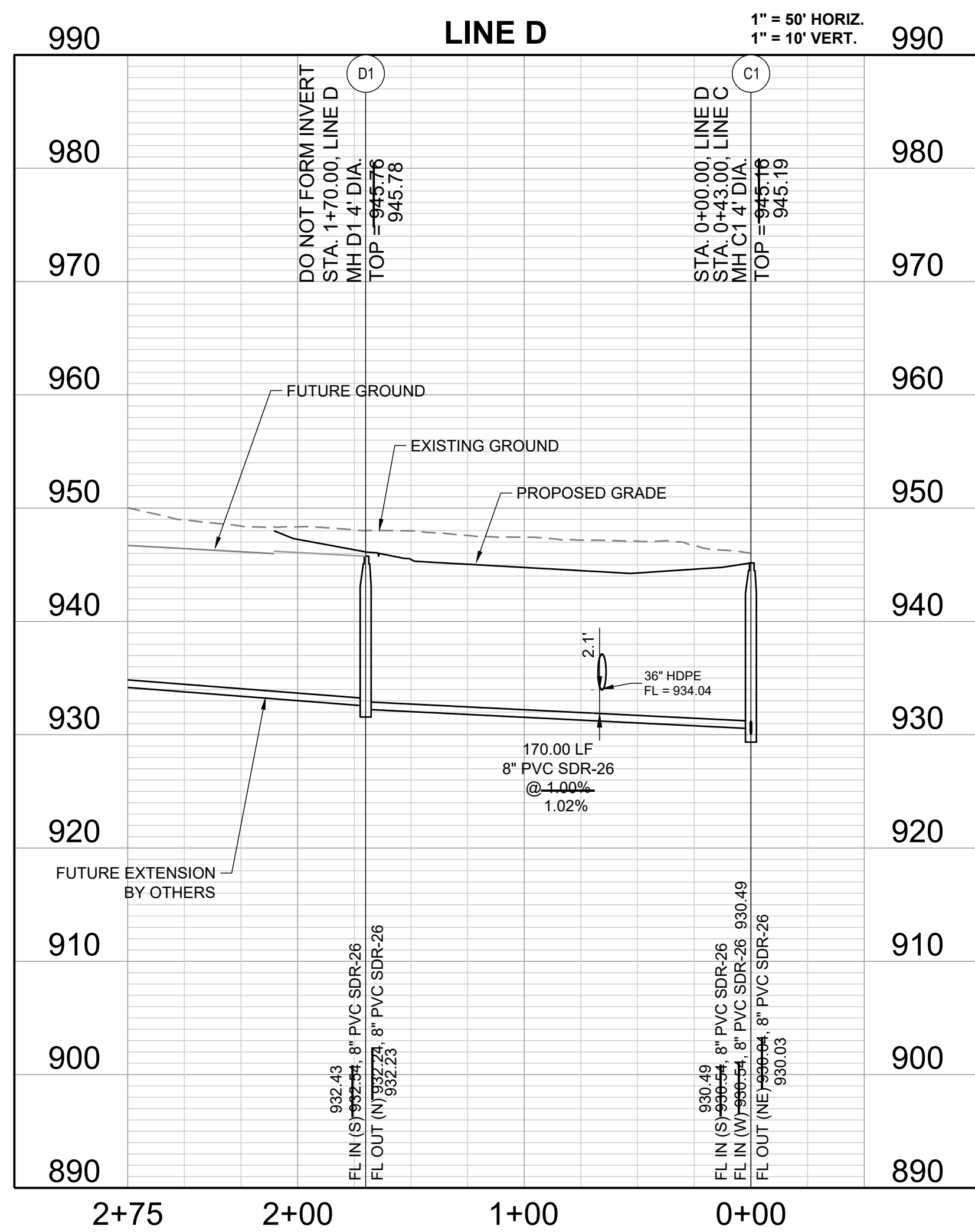
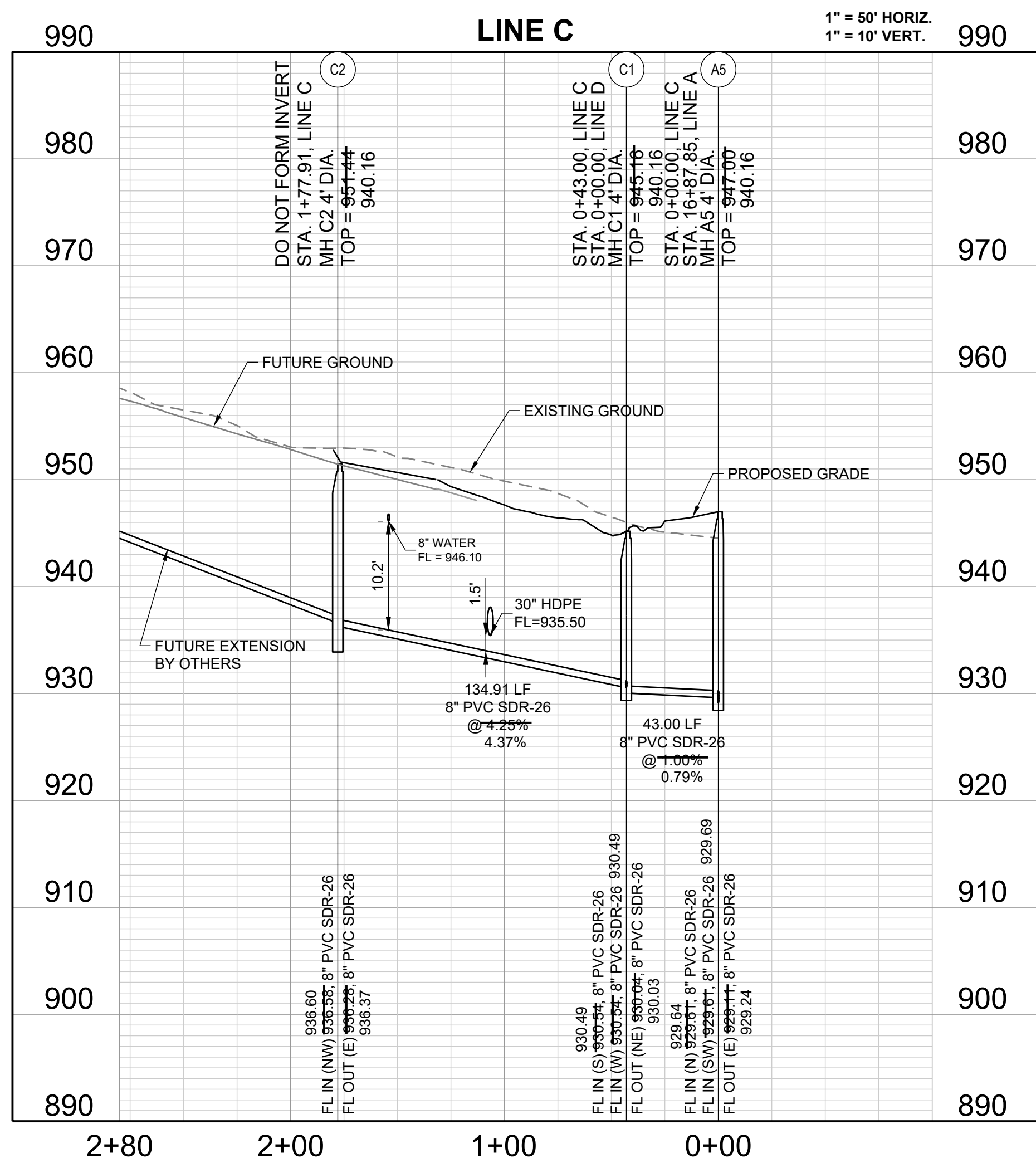
NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09

SANITARY CROSSING TABLE						
ID	SAN ELEV.	STORM/WATER ELEV.	SAN SIZE	STORM/WATER SIZE	VERTICAL SEPARATION	RCE/CRCE REQUIRED?
5	933.25	935.5	8" PVC	36" HDPE	1.50	NO
6	935.27	946.1	8" PVC	8" PVC	10.17	NO
7	931.2	934.04	8" PVC	36" HDPE	2.08	NO

Structure Table		
Structure Name	Structure Northing	Structure Easting
A5	995627.8560	2802914.3980
C1	995601.3816	2802880.5143
C2	995611.2522	2802745.9704



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Record Drawing

Structure Table		
Structure Name	Structure Northing	Structure Easting
C1	995601.3816	2802880.5143
D1	995443.4277	2802817.6607

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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
#E20020203895-F #A20011005237 #L20020208959-F

PREPARED BY:



05.17.2023

SCHLAGEL & ASSOCIATES, P.A.

PERGOLA PARK, 5TH PLAT
SANITARY SEWER MAIN PLANS
PERGOLA PARK DRIVE & MARY STREET
LEE'S SUMMIT, MISSOURI

DRAWN BY:	REVISION DATE	DESCRIPTION
P. WOODARD	1/24-22	CITY COMMENTS
	2/3-23	CITY COMMENTS
CHECKED BY:	5/17-23	AS-BUILTS
M. BRELLER		
DATE PREPARED:		
11/17/2021		
PROJ. NUMBER		
20-189		

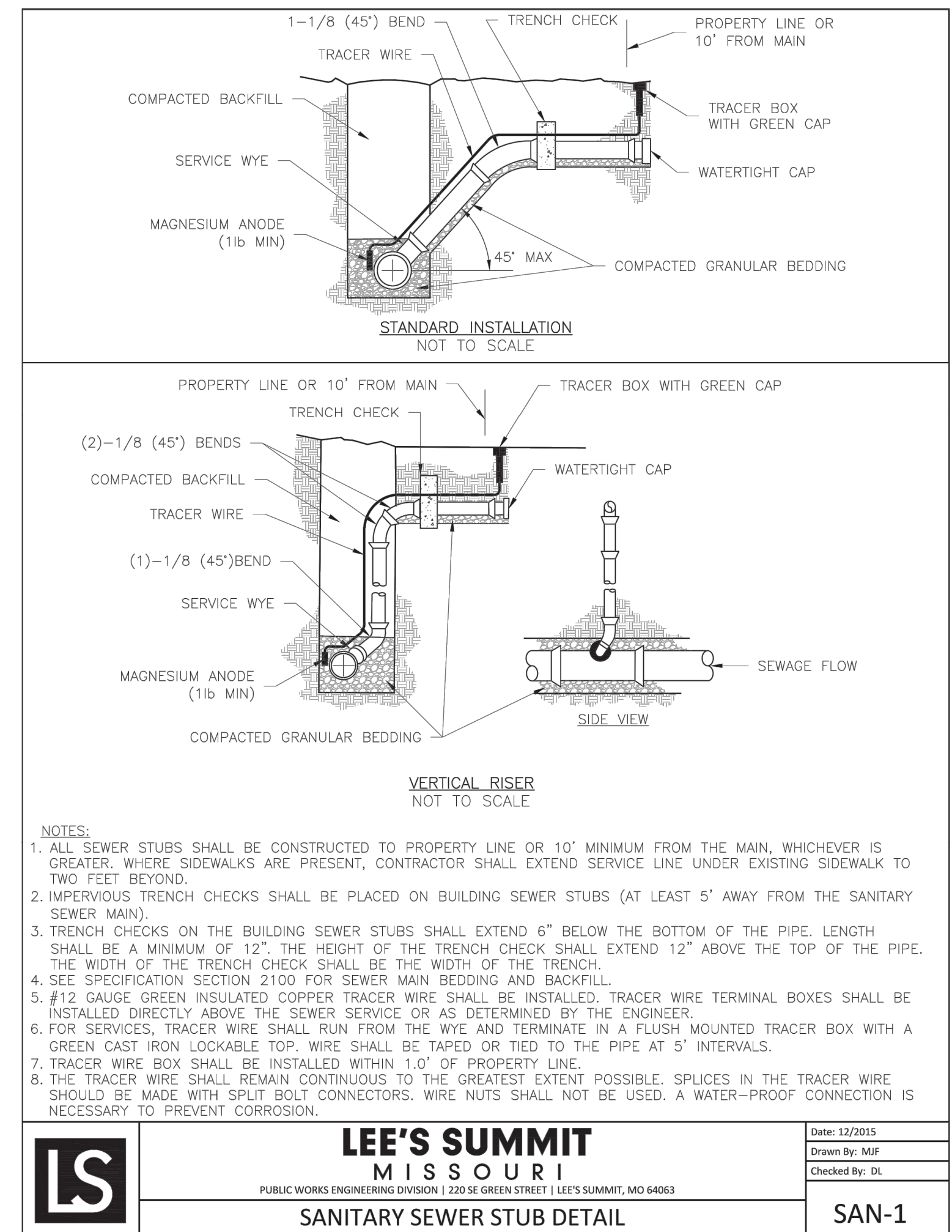
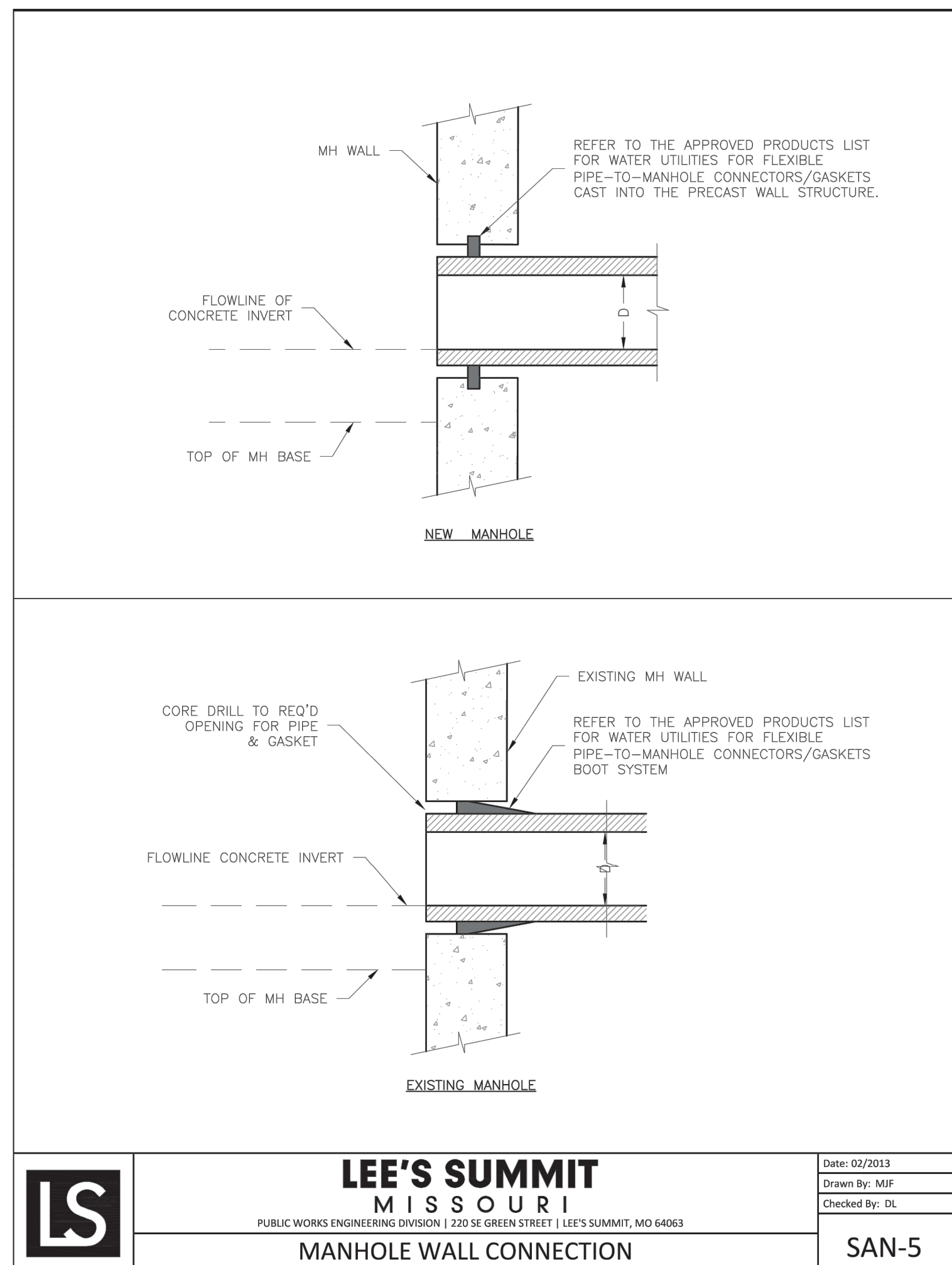
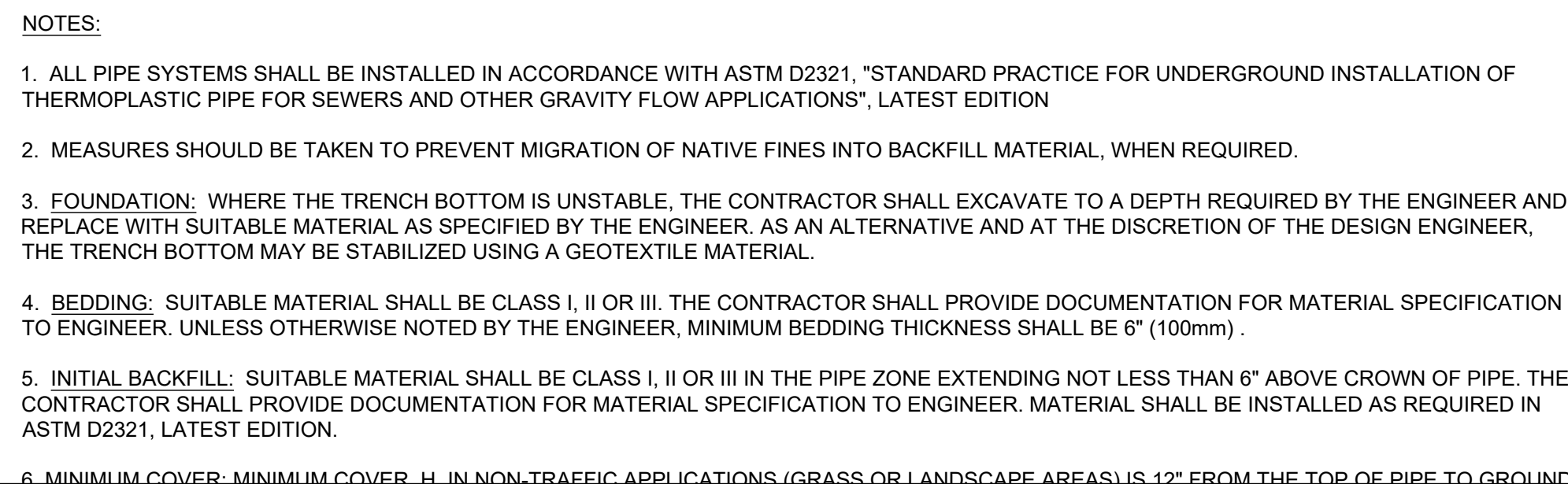
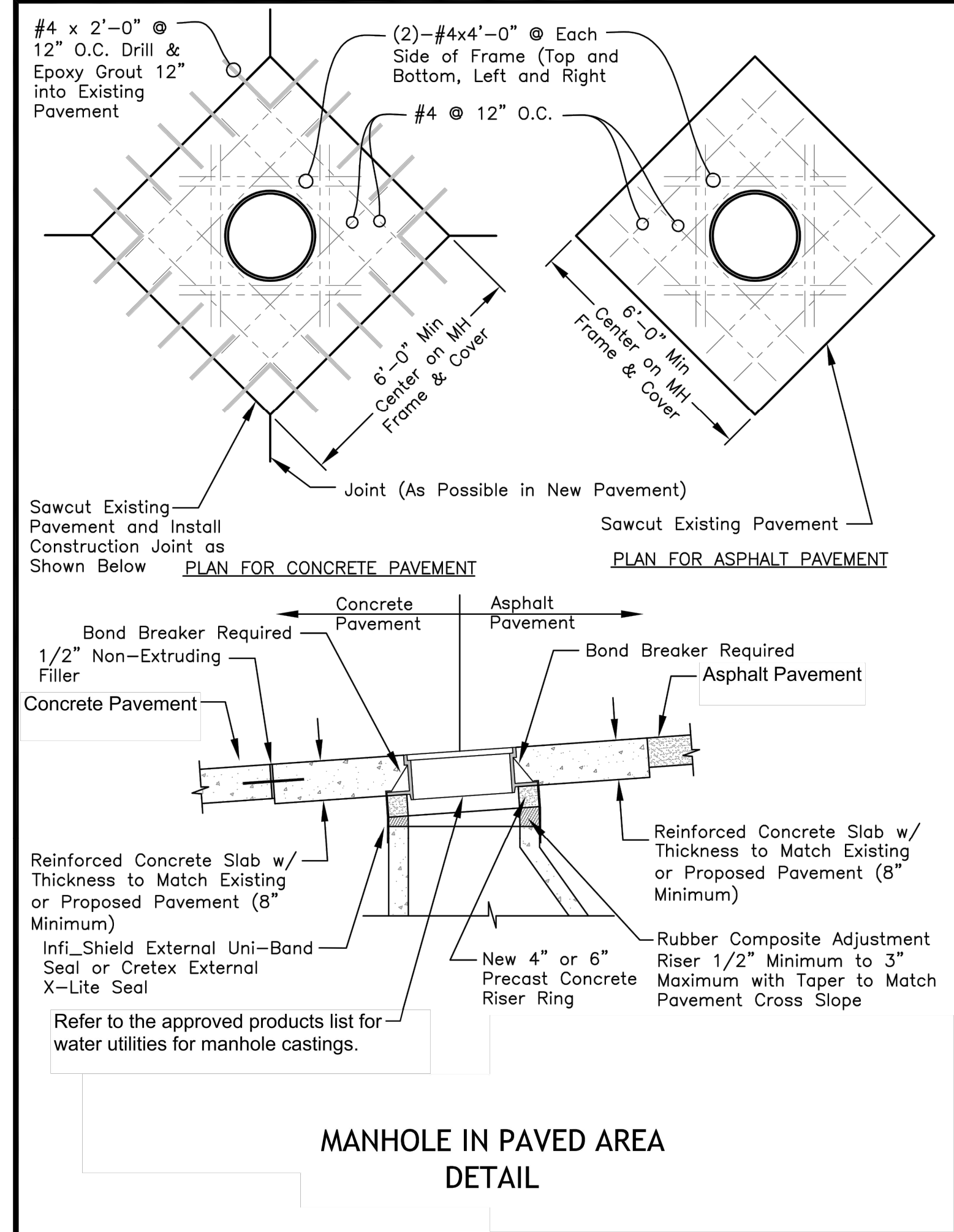
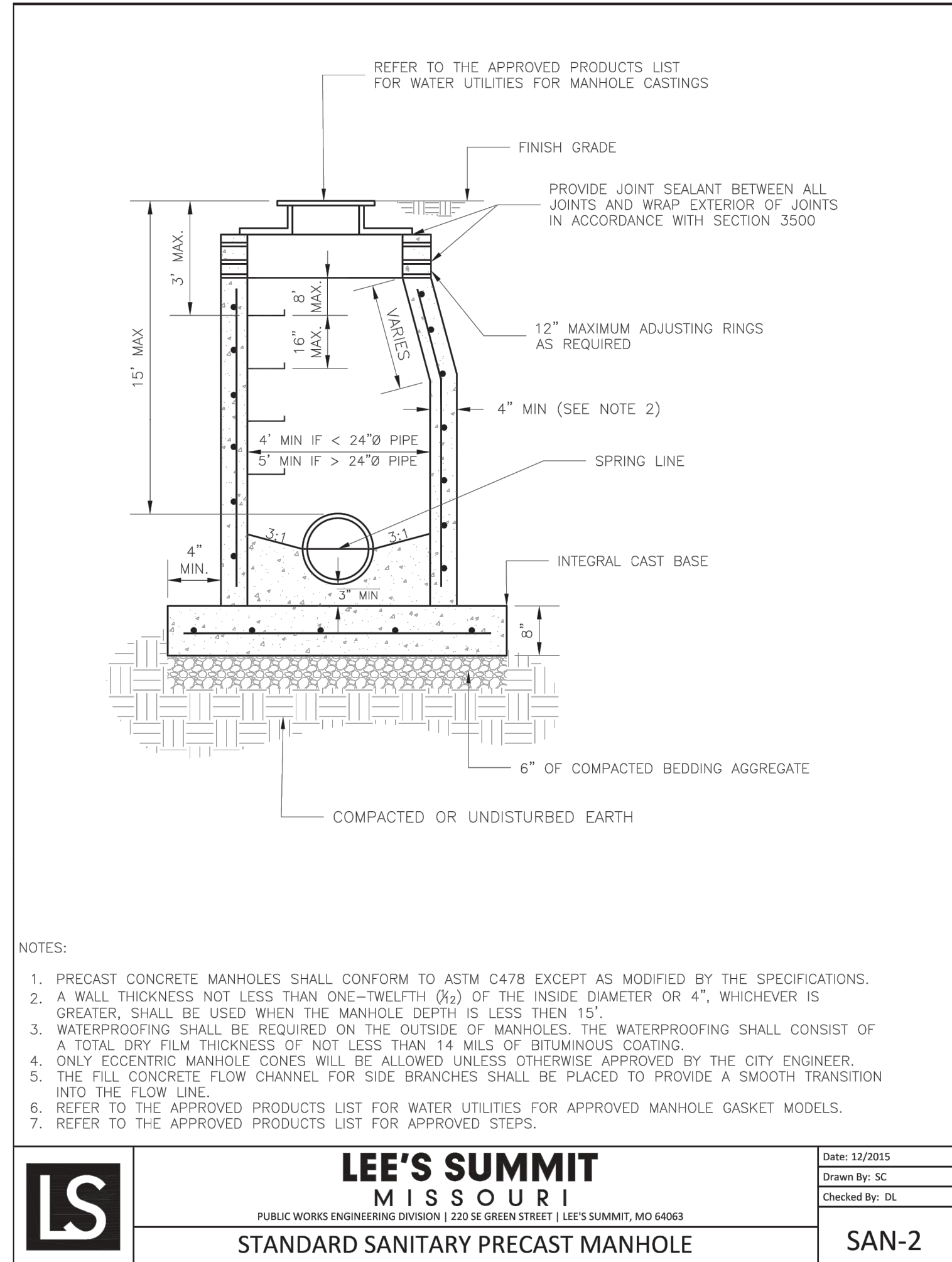
LINE C & D

SHEET

5

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SANITARY SEWER MAIN PLANS
PERGOLA PARK DRIVE & MARY STREET
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REVISION	DATE	DESCRIPTION
1	2-4-22	CITY COMMENTS
2	3-23-22	CITY COMMENTS
3	5-17-23	AS-BUILTS
DRAWN BY: P. WOODARD CHECKED BY: M. BREUER DATE PREPARED: 11/17/2021 PROJ. NUMBER: 20-189		

SANITARY DETAILS

SHEET

6