

2 3 4

CONSTRUCTION QUANTITIES		
ITEM	QUANTITY	UNIT
SANITARY SEWERS		
5' DIA. MANHOLE	3	EA.
4' DIA. MANHOLE	12	EA.
5' DIA. OUTSIDE DROP MANHOLE	1	EA.
4' DIA. OUTSIDE DROP MANHOLE	1	EA.
24" PVC (SDR-26)	778	L.F.
8" PVC (SDR-26)	2542	L.F.
6" PVC (SDR-26)	125	L.F.
4" SERVICE LINES	1459	L.F.
CONNECT TO EXISTING	2	EA.
REMOVE EXISTING 8" PVC	56	L.F.
REMOVE EXISTING 6" PVC	105	L.F.
REMOVE EXISTING 4' DIAM. MH	2	EA.
ABANDON EXISTING LINE IN PLACE	1	L.S.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL QUANTITIES SHOWN ON THIS TABLE. LENGTH OF SERVICE LATERALS IS CALCULATED TO RIGHT-OF-WAY ONLY.

UTILITY CONTACTS

SOUTHWESTERN BELL TELEPHONE	(816) 871-9900
MISSOURI ONE-CALL SYSTEM	(800) DIG-RITE
KPL GAS SERVICE COMPANY	(816) 221-2200
KANSAS CITY POWER & LIGHT	(816) 471-0060
PUBLIC WORKS	(816) 969-1800
AMERICAN CABLEVISION	(816) 231-1444
WATER POLLUTION CONTROL DEPT	(816) 513-0303
CITY PLANNING & DEVELOPMENT	(816) 969-1600
FIRE DEPARTMENT	(816) 969-1300

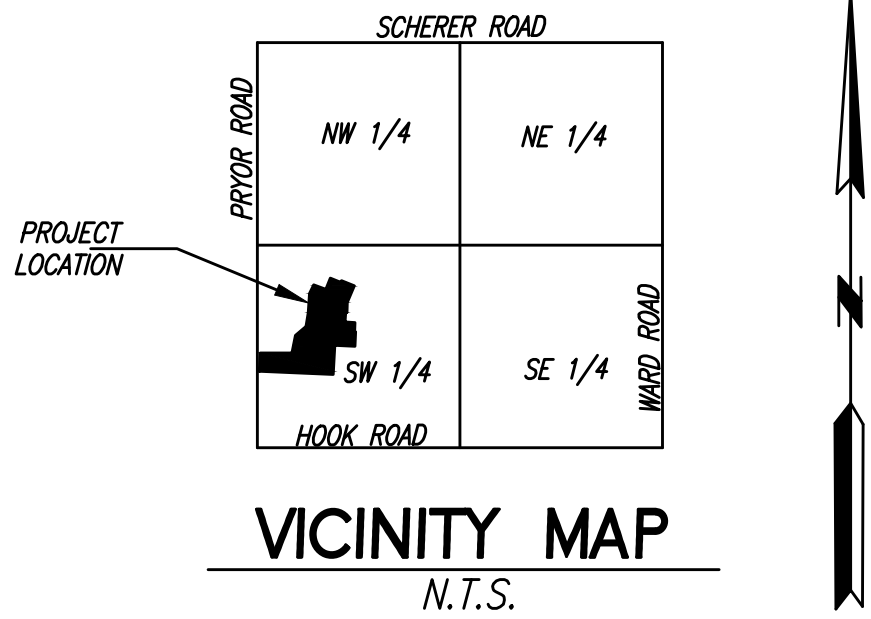
WHISPERING WOODS
1st PLAT
LOTS 1 THRU 33

A SUBDIVISION IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI
SW 1/4, SEC 24, TWP 47-N, RANGE 32W
PUBLIC IMPROVEMENTS

ON-SITE PUBLIC
SANITARY SEWER



LOCATION MAP



VICINITY MAP

N.T.S.

LEGAL DESCRIPTION

WHISPERING WOODS LOTS 1 THRU 33, TRACTS A, B, C & D
PART OF THE SW 1/4 SECTION 24, T 47 N, R 32 W OF THE 5TH P.M.
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

PROJECT BENCH MARK

ELEV. 1006.89 (NAVD 1988 DATUM)

MISSOURI DEPARTMENT OF NATURAL RESOURCES
GRS ALUMINUM DISK STAMPED "JA-47" LOCATED
NEAR THE INTERSECTION OF HWY 150 WITH
REGGATA DRIVE AND HWY 291

INDEX OF SHEETS	
NO.	TITLE
1	COVER
2	NOTES
3	STUB CHARTS
4	GENERAL LAYOUT
5	PLAN & PROFILE
6	PLAN & PROFILE
7	PLAN & PROFILE
8	PLAN & PROFILE
9	DETAILS
10	DETAILS

APPROVED

CITY ENGINEER

DATE

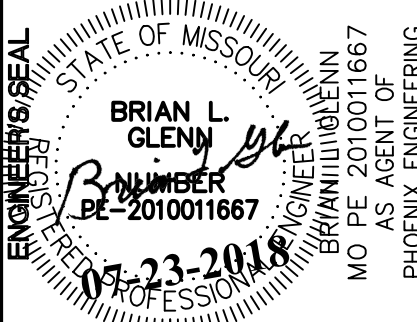
DEVELOPER:

WHISPERING WOODS LAND, L.L.C.
803 P.C.A. ROAD
WARRENSBURG, MO 64093
AGENT: RICK FRYE
PHONE: 816-564-2230
FAX: 660-429-1801

WHISPERING WOODS - 1ST PLAT
LOTS 1 THRU 33
LEE'S SUMMIT, JACKSON COUNTY, MO
SANITARY SEWER PLANS
COVER

DESIGNED
BLC
DRAWN
JRT
SCALE
NOTED
DATE
09-01-2017
JOB NO.
04078
SHEET

1 of 10



PHOENIX ENGINEERING
& SURVEYING, LLC
3855 S. NORTHERN BLVD.
INDEPENDENCE, MO 64052
(816) 743-9000 FAX (816) 743-9700
ENGINEERING CERTIFICATE NO: MO E-2000151302-D
SURVEYING CERTIFICATE NO: MO LS-2000151303-D
KS: E-853
KS: LS-138

REVISION
2-15-18: "ON-SITE" ADDED TO TITLE
3-05-22-18: MDNR COMMENTS
3-07-10-18: UPDATED SERVICE LINE QUANTITIES
4-07-23-18: UPDATED MH QUANTITIES

THE SEALS AND SIGNATURE(S) APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED, AND EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE ENGINEERING OR SURVEYING PROJECT.

PROJECT NOTES

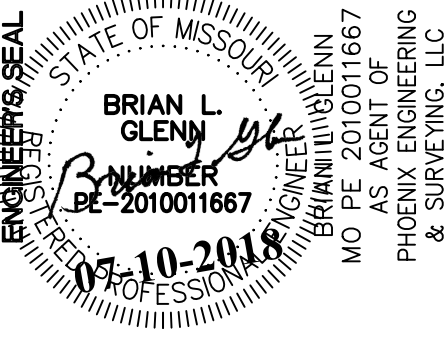
- Grading Contractor shall be responsible for the control of erosion and siltation during all phases of construction.
- Prior to Ordering Precast Structures: Shop drawings shall be submitted to the design engineer for approval. Upon approval these shall be submitted to the City of Lee's Summit for review.
- Manhole top elevations designated as "Field Verify" (F.V.) are located outside the street right-of-way or in areas of undetermined grading. Contractors ordering precast manholes shall be responsible for adjustment required in the field at no additional cost to the owner. The contractor shall field verify the top elevations prior to ordering precast manholes.
- All water lines, sanitary sewer lines, and storm water drainage crossings shall be in place or a casing pipe provided for future installation prior to base and surface asphalt courses.
- Sidewalks are shown for informational purposes only unless otherwise noted. However, the contractor shall be responsible for handicap ramp construction in curbs.
- Refer to grading and erosion control sheets in Street and Storm Plans.

LEE'S SUMMIT NOTES

- Contractor shall refer to the current version of the City of Lee's Summit Design and Construction (D&C) Manual.
- All workmanship and materials shall be subject to the inspection and approval of the Engineering Department of Lee's Summit, Missouri.
- Lineal foot measurements shown on these plans are horizontal measurements, not slope measurements. All payments shall be made on horizontal measurements.
- No Geological Investigation was performed on this project.
- The Utility locations shown on these plans are taken from Utility Company records and are approximate only. They do not constitute actual field locations. The Contractor shall verify the location and depth of all utilities prior to construction.
- Clearing and Grubbing operations and disposal of all debris therefrom shall be performed by the contractor in strict accordance with all state and local codes and ordinances.
- All waste material shall be disposed of at a location to be selected by the owner or his authorized representative, such location to be on the site.
- The Contractor shall control the erosion and siltation during all phases of construction, he shall keep the streets clean of mud and debris and follow the erosion control plan prepared by the design engineer.
- All manholes, catch basins, utility valves and meter pits to be adjusted or rebuilt to grade as required.
- Subgrade soil for all concrete structures, regardless of the type or location, shall be firm, dense and thoroughly compacted and consolidated; shall be free from muck and mud; and shall be sufficiently stable to remain firm and intact under the feet of the workman or machinery engaged in subgrade, laying reinforcing steel, and depositing concrete thereon. In all cases where subsoil is mucky or works into mud or muck during such operation, a seal course of either concrete or rock shall be placed below subgrade to provide a firm base for working and for placing the floor slab.
- A minimum horizontal distance of ten (10') shall be maintained between parallel water and sanitary sewer lines. At any point where sanitary sewer lines cross water main, the sanitary sewer shall be constructed of cast iron pipe or pipe encased in concrete for a distance of ten feet (10') in each direction from the crossing unless the water is a minimum of eighteen inches (18") above the top of the sanitary sewer line.
- Contractor shall provide testing and inspection per SECTION 3500 - SANITARY SEWERS CITY OF LEE'S SUMMIT, MISSOURI STANDARD SPECIFICATIONS.
- Development plans are approved initially for one (1) year, after which they automatically become void and must be updated and approved by the City Engineer before any construction will be permitted.
- All sanitary sewer stubs shall be surveyed and staked on site before the construction of sanitary service stubs.

- The City of Lee's Summit plan review is only for general conformance with the City of Lee's Summit Design Criteria and the City Code. The City is not responsible for the accuracy and adequacy of the design, or dimensions and elevations which shall be confirmed and correlated at the job site. The City of Lee's Summit through approval of this document assumes no responsibility other than as stated above for the completeness and/or accuracy of this document.
- The Contractor shall have one (1) signed copy of the plans (approved by the City of Lee's Summit) and one (1) copy of the appropriate Construction Standards and Specifications at the job site at all times.
- Construction of the improvements shown or implied by this set of drawings shall not be initiated or any part thereof undertaken until the City Engineer is notified of such intent and all required and properly executed bonds and permit fees are received and approved by the City Engineer.
- All stub lines shall be laid on 2.00% minimum grade unless approved otherwise.
- Contractor shall not be allowed to work on Saturdays, Sundays, or Holidays without prior approval of the City Engineer.
- Relocation of any water line, sewer line or service line thereof required for the construction of this project shall be the responsibility of the contractor and shall be at his expense.
- The Contractor shall install and properly maintain a mechanical plug at all connection points with existing lines until such time that the new line is tested and approved.
- The Contractor shall construct manholes placing eccentric cone section in such a manner that manhole covers are adjacent to the proposed sidewalks. In locations where manholes are not near proposed sidewalks the manhole covers shall generally be placed on the upstream side of the manholes whenever possible.
- Stub lines, locations, and minimum basement floor elevations are located in the table labeled "Table of Service Locations".
- Construction permits will not be issued until the City of Lee's Summit receives a sewer extension permit from MDNR.
- Connections to existing manholes shall be core drilled and connected with a watertight Fernco Gasket or approved equal. The gasket is to be installed according to the manufacturer's recommendations.
- All areas where utilities are to be installed in fill shall be compacted to 95% to 18 inches above the line then excavated for construction of the line.
- The Contractor will be responsible for testing of manholes and pipes to the City of Lee's Summit Design & Construction Manual requirements.
- The ends of all Sanitary Sewer stubs shall be surveyed and marked before construction.
- All utility street crossings shall be backfilled with flowable fill, or AB-3. If contractor chooses to use other suitable materials, extensive soil testing requirements will be required.
- Trench checks shall be used for all sanitary sewer stubs.

REVISION



PHOENIX ENGINEERING & SURVEYING, LLC
3853 S. NORTHERN BLVD.
INDEPENDENCE, MO 64052
(816) 743-9000 FAX (816) 743-9700
ENGINEERING CERTIFICATE NO.: MO E-2000151302-D
SURVEYING CERTIFICATE NO.: MO LS-2000151303-D
KS: E-853
KS: LS-138

WHISPERING WOODS - 1ST PLAT
LOTS 1 THRU 33
LEE'S SUMMIT, JACKSON COUNTY, MO
SANITARY SEWER PLANS
NOTES

DESIGNED
BLG
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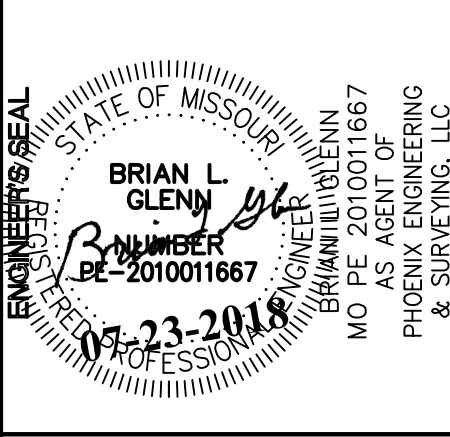
TABLE OF SERVICE LOCATIONS								
Whispering Woods								
LOT NO	SANITARY LINE	SERVICE STUB STATION	CONNECTION TYPE	DIST. FROM D.S. M.H.	STUB LENGTH	F/L OF MAIN AT STUB CONNECTION	STUB F/L AT END	MINIMUM BASMT FLOOR ELEVATION
1	H	0+69.62	"Y"	69.62	19	946.75	948.11	951.15
2	H	1+50.34	"Y"	150.34	19	950.52	951.88	954.92
3	H	2+32.65	"Y"	232.65	19	954.36	955.72	958.76
4	H	3+33.11	"Y"	333.11	19	959.05	960.41	963.45
5	H	3+56.13	"Y"	356.13	29	960.12	961.70	964.92
6	A	1+31.99	"Y"	65	10	953.21	954.41	956.91
7	A	1+36.99	"Y"	70	10	953.27	954.47	956.97
8	A	2+61.99	"Y"	195	10	954.64	955.84	958.92
9	A	2+66.99	"Y"	200	10	954.69	955.89	958.72
10	Existing	7+69.54	"Y"	180	10	951.00	952.70	955.00
11	B	0+90.00	"Y"	90	10	957.97	959.17	961.67
12	C	0+40.00	"Y"	40	10	962.97	964.17	966.99
13	C	1+20.00	"Y"	120	10	963.96	965.16	967.98
14	C	2+00.00	"Y"	200	10	964.95	966.15	968.97
15	C	2+80.00	"Y"	280	10	965.94	967.14	969.96
16	C	3+71.02	"Y"	40	10	967.47	968.67	971.49
17	C	4+51.02	"Y"	120	10	968.27	969.47	972.29
18	E	1+67.57	"Y"	40	10	963.92	965.12	967.84
19	E	1+77.57	"Y"	50	67	964.02	966.36	969.30
20	E	1+37.57	"Y"	10	68	963.60	965.95	968.89
21	C	4+61.02	"Y"	130	62	968.37	970.61	973.55
22	D	1+53.44	"Y"	50.06	10	974.11	975.31	977.81
23	D	1+43.44	"Y"	40.06	65	973.97	976.27	979.21
24	D	0+94.97	"Y"	94.97	72	972.43	974.86	977.66
25	B	2+71.79	"Y"	130	10	963.21	964.41	967.33
26	B	3+53.57	"Y"	50	10	966.44	967.64	970.56
27	B	4+43.57	"Y"	140	10	969.03	970.23	973.15
28	B	5+23.57	"Y"	220	10	971.34	972.54	975.46
29	B	5+43.57	"Y"	240	58	971.91	973.72	976.66
30	B	4+63.57	"Y"	160	58	969.61	971.42	974.36
31	B	3+63.57	"Y"	60	58	966.73	968.54	971.48
32	B	2+91.79	"Y"	150	58	963.71	965.53	968.46
33	B	2+36.79	"Y"	95	60	962.34	964.19	966.93
47	E	2+47.57	"Y"	120	10	964.75	965.95	968.69
48	E	3+27.57	"Y"	200	10	965.58	966.78	969.54
72	E	3+37.57	"Y"	210	64	965.68	967.95	970.91
73	E	2+57.57	"Y"	130	65	964.85	967.14	969.50
78	D	2+43.38	"Y"	140	10	975.39	976.59	979.10
113	D	3+13.38	"Y"	210	62	976.39	979.98	982.91
114	D	2+33.38	"Y"	130	64	975.25	979.12	982.04
121	B	6+03.57	"Y"	300	10	973.64	974.84	977.76
122	B	6+83.57	"Y"	380	10	975.94	977.14	980.06
134	B	6+23.57	"Y"	320	57	974.22	976.36	979.30
135	B	7+03.57	"Y"	400	57	976.52	978.66	981.60
SCH	H	2+96.75	"Y"	296.75	32	957.35	958.99	0.00

1
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REVISION NOTE:

5 REVISIED ON 07-10-18: UPDATED TABLE TO AVOID INFRASTRUCTURE CONFLICTS AND ADD CONNECTIONS FOR FUTURE PLATS.

6 REVISIED ON 07-23-18: UPDATED TABLE TO CORRECT TYPOS



PHOENIX ENGINEERING & SURVEYING, LLC

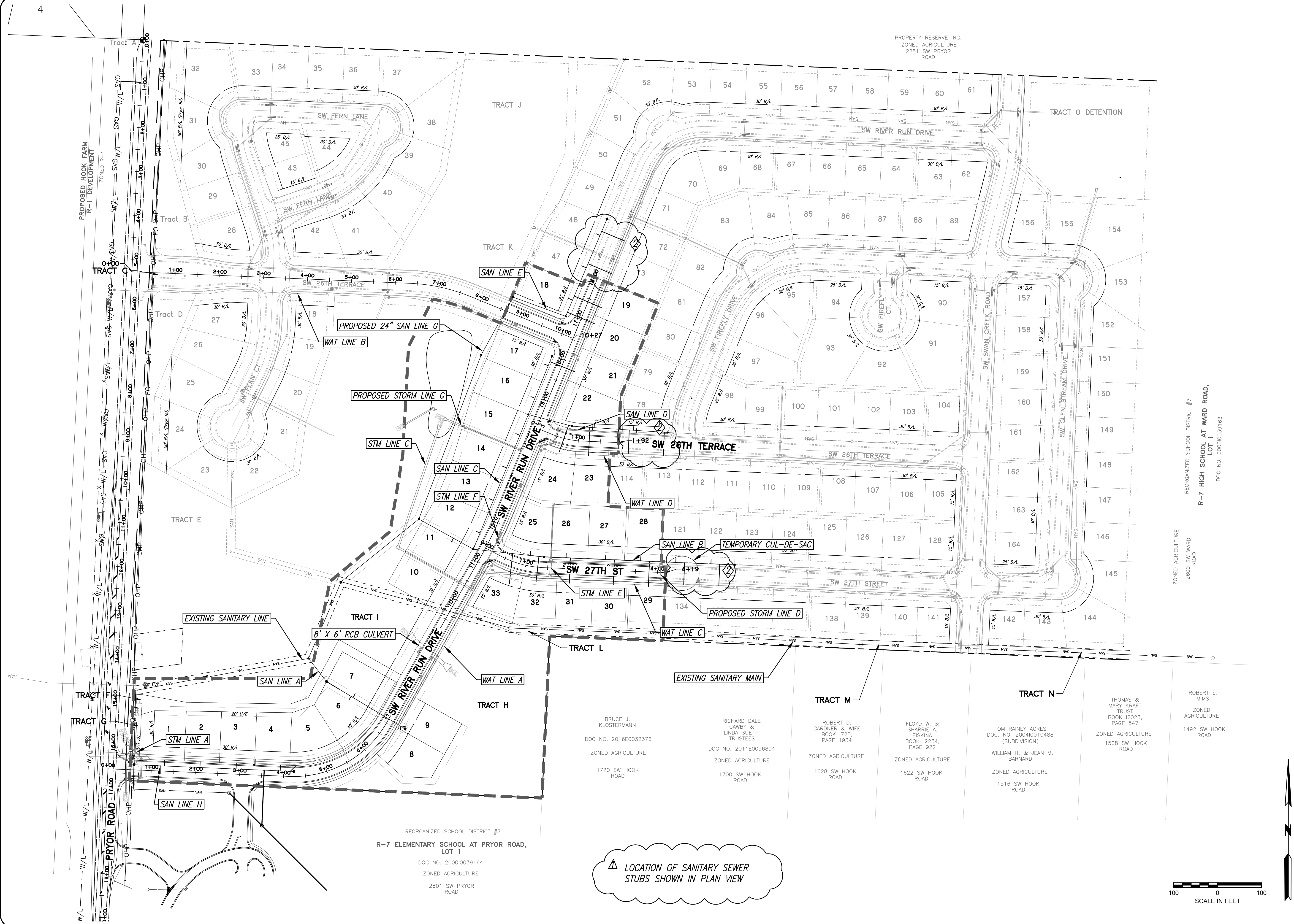
3855 S. NORTHERN BLVD.
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KS: E-853
LS-138

WHISPERING WOODS - 1ST PLAT
LOTS 1 THRU 33
LEE'S SUMMIT, JACKSON COUNTY, MO
SANITARY SEWER PLANS
STUB CHARTS

DESIGNED	BLG
DRAWN	JRT
SCALE	
NOTED	
DATE	
09-01-2017	
JOB NO.	04078
SHEET	10

REVISION
1 REVISIED ON 02-26-18: UPDATED TABLE
2 REVISIED ON 03-23-18: UPDATED TABLE
3 REVISIED ON 04-04-18: UPDATED TABLE (SERVICE FOR LOT 5)
4 REVISIED ON 05-22-18: MDNR COMMENTS

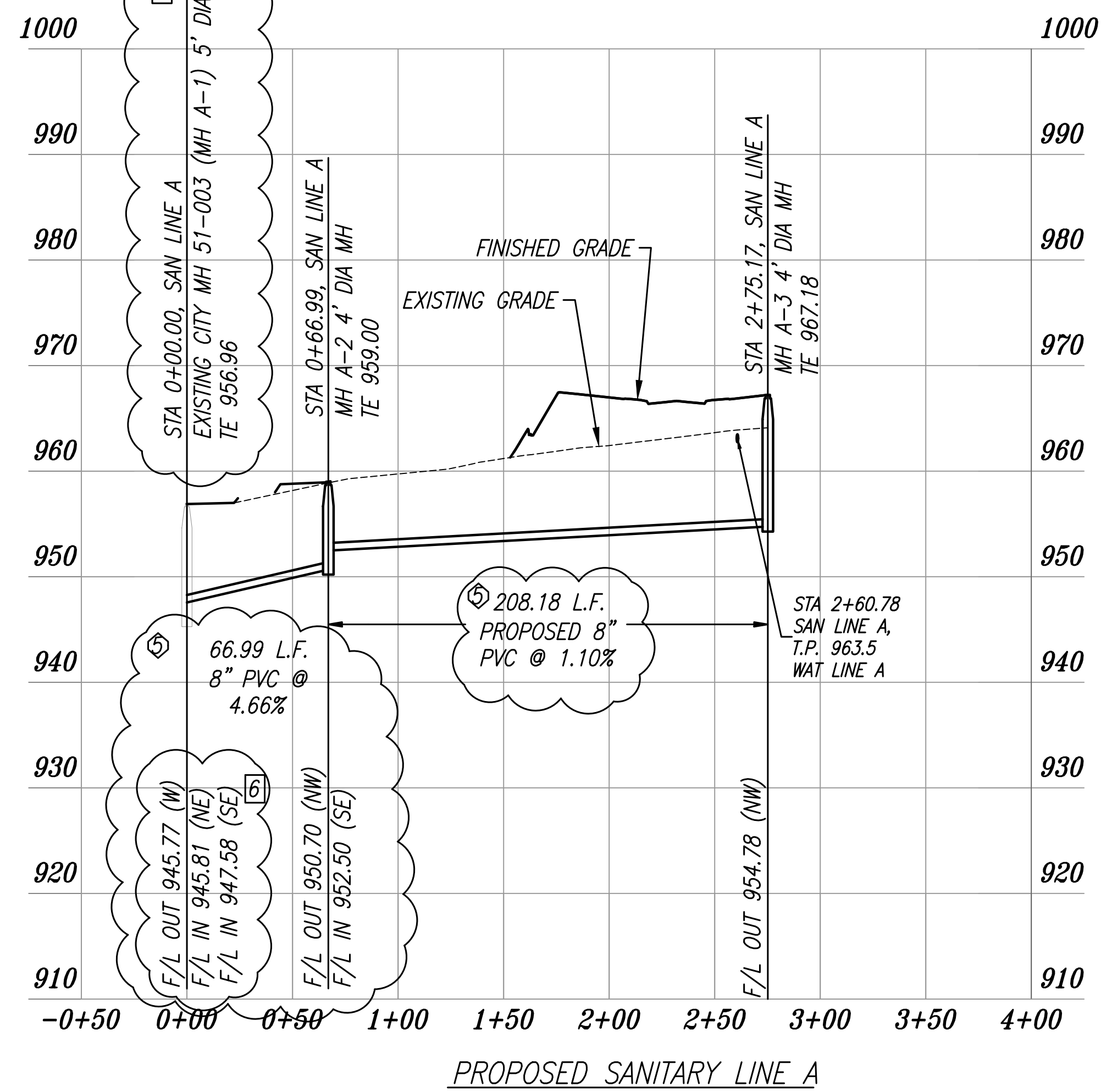
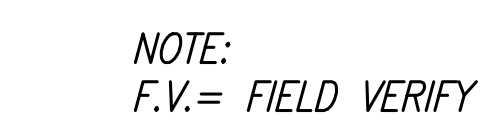
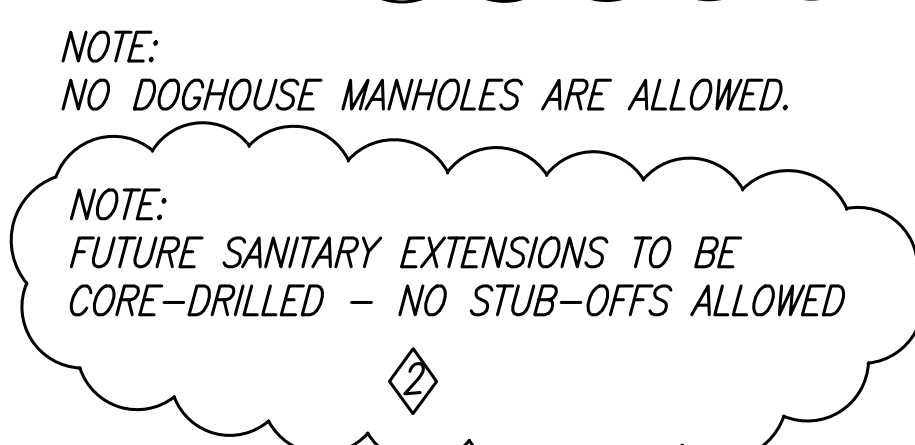


WHISPERING WOODS - 1ST PLAT
LOTS 1 THRU 33
LEE'S SUMMIT, JACKSON COUNTY, MO
SANITARY SEWER PLANS
GENERAL LAYOUT

PHOENIX ENGINEERING
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3855 S NORTHERN BLVD.
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ENGINEERING CERTIFICATE NO.: MO E-2000151302-D
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STATE OF MISSOURI
BRIAN L. GLEN
REGISTERED PROFESSIONAL ENGINEER
NO. 07-10-2018
EXPIRATION DATE

REVISION
Δ REVISED ON 02-15-18: SANITARY SEWER STUBS SHOWN
Δ REVISED ON 07-10-18: ADDED STUBS FOR FUTURE PHASES



BRUCE J.
KLOSTERMANN

DOC NO. 2016E0032376

ZONED AGRICULTURE

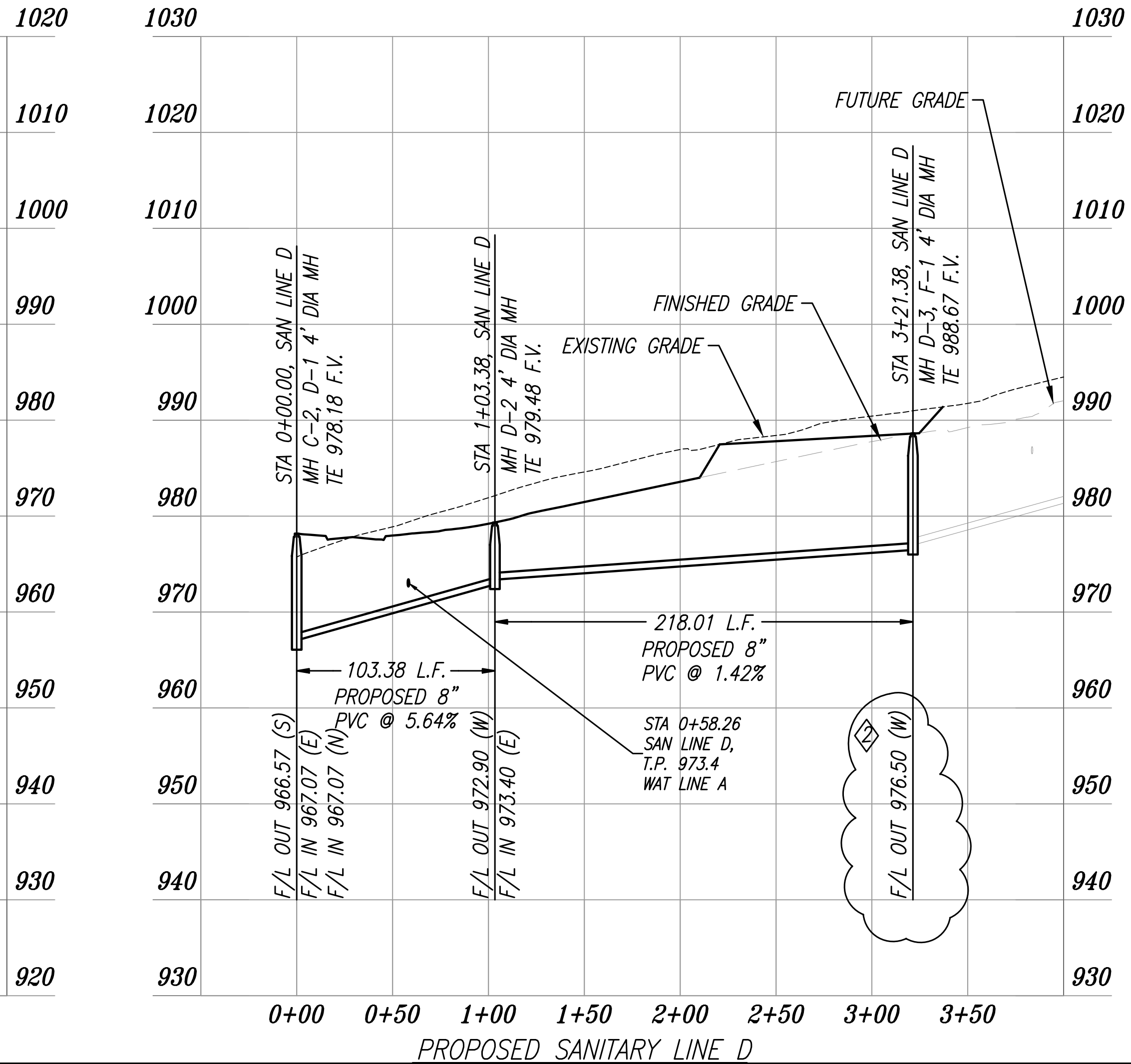
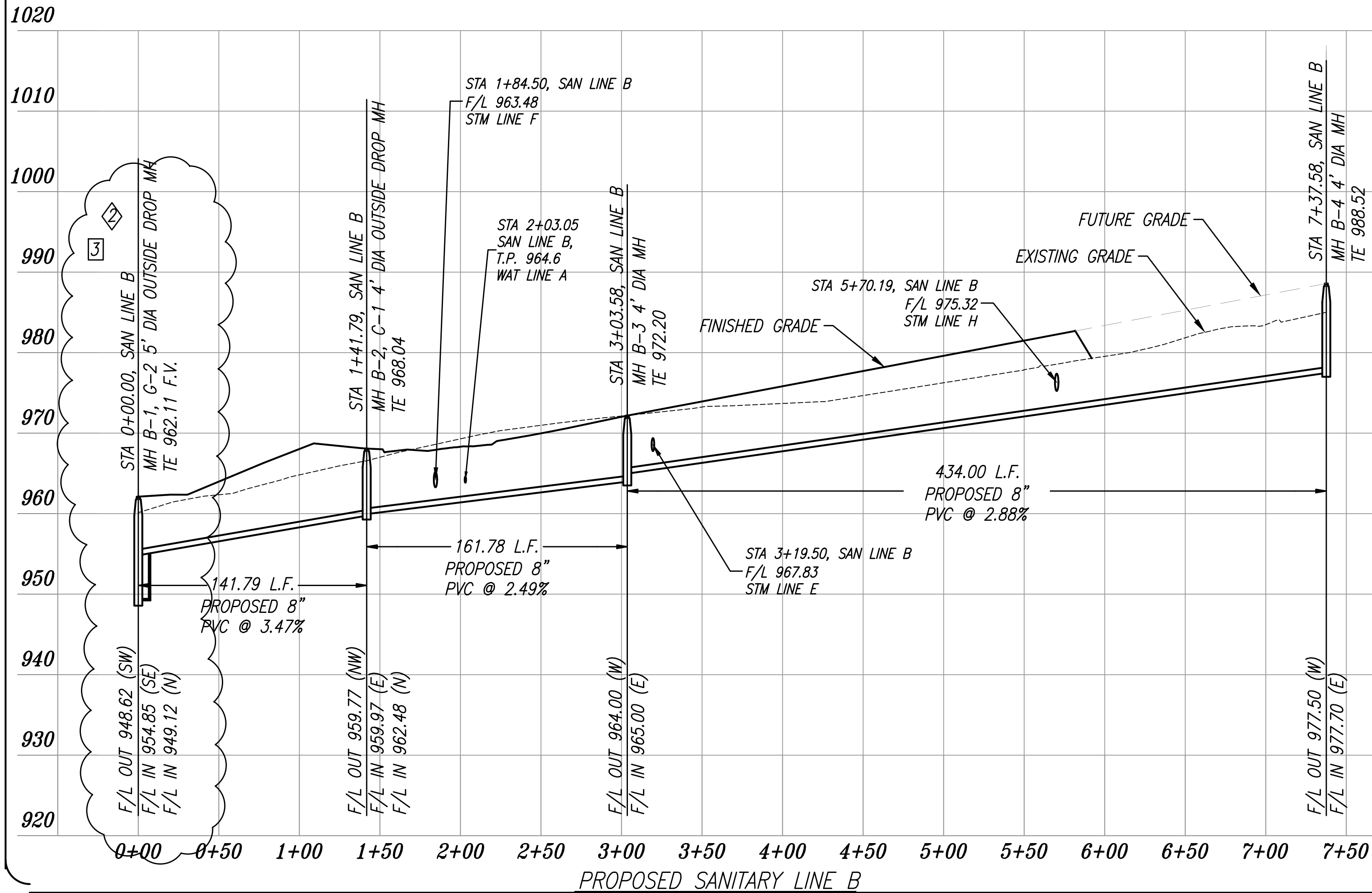
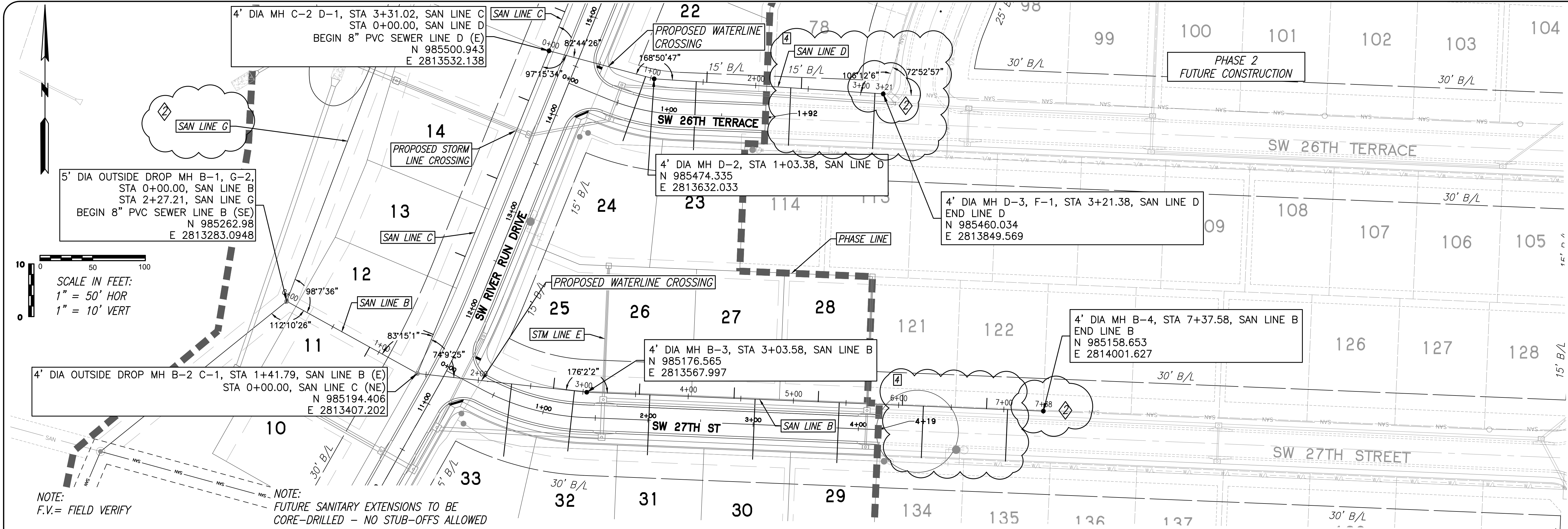
1720 SW HOOK
ROAD

STATE OF MISSOURI
 PROFESSIONAL ENGINEER
 BRIAN L. GLENN
 LICENSE NUMBER
 PE-2010011667
 COMMISSION EXPIRES
 07-10-2018

5 of 10	SHEET	JOB NO.	04078	DATE	09-01-2017	NOTED	SCALE	JRT	DRAWN	BLC	DESIGNED
	WHISPERING WOODS - 1ST PLAT LOTS 1 THRU 33 LEE'S SUMMIT, JACKSON COUNTY, MO SANITARY SEWER PLANS PLAN & PROFILE										

DATE PLOTTED: 7/11/2018 11:26 AM ; LAST SAVE DATE: 7/11/2018 11:24 AM

H:\projects\2004\0407842 - Whispering Woods Phase 1\dwg\04078 - Sanitary Sewer Plans.dwg



REVISION
△ REVISED ON 02-15-18: SANITARY STUBS SHOWN IN PLAN VIEW; ADDED LABELS; ADDED DEFLECTION ANGLES & CROSSING CALCULATIONS
◇ REVISED ON 02-26-18: REMOVED MH STUBS; ADDED OUTSIDE DROP MH AT MH B-1
③ REVISED ON 05-22-18: MNR COMMENTS
④ INCREASED VIEW EXTENTS TO SHOW LOT NUMBERS
AND EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE ENGINEERING OR SURVEYING PROJECT.

STATE OF MISSOURI
BRIAN L. GLENN
REGISTERED PROFESSIONAL ENGINEER
NO. 2010011667
EXPIRATION DATE 07-10-2019

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WHISPERING WOODS - 1ST PLAT
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PLAN & PROFILE

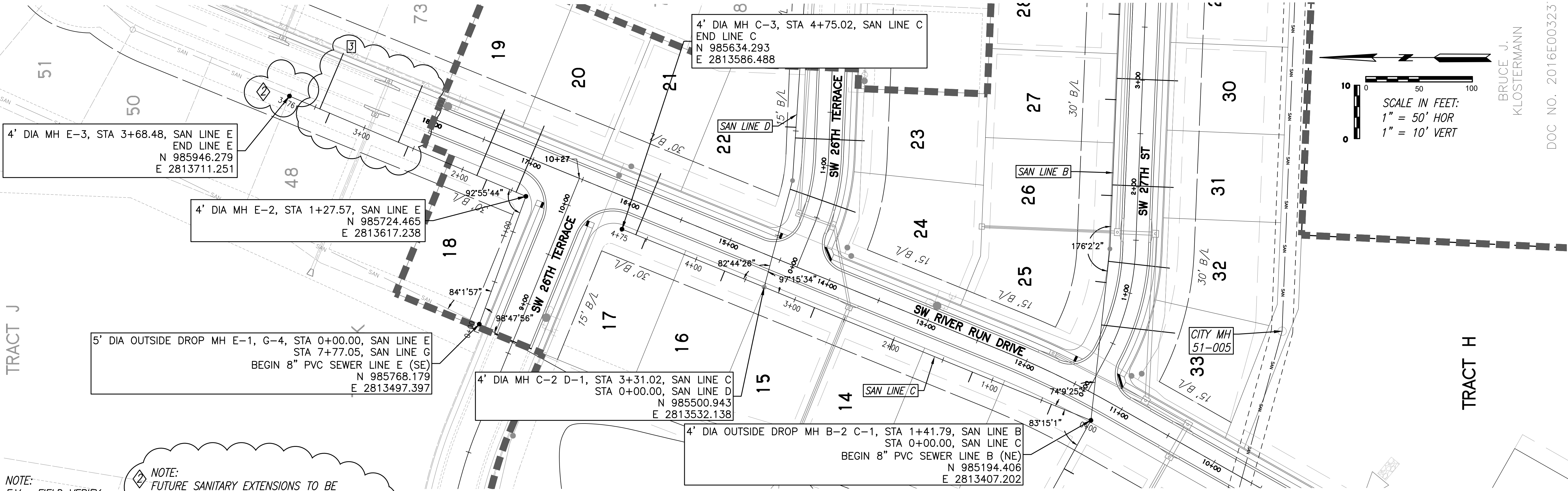
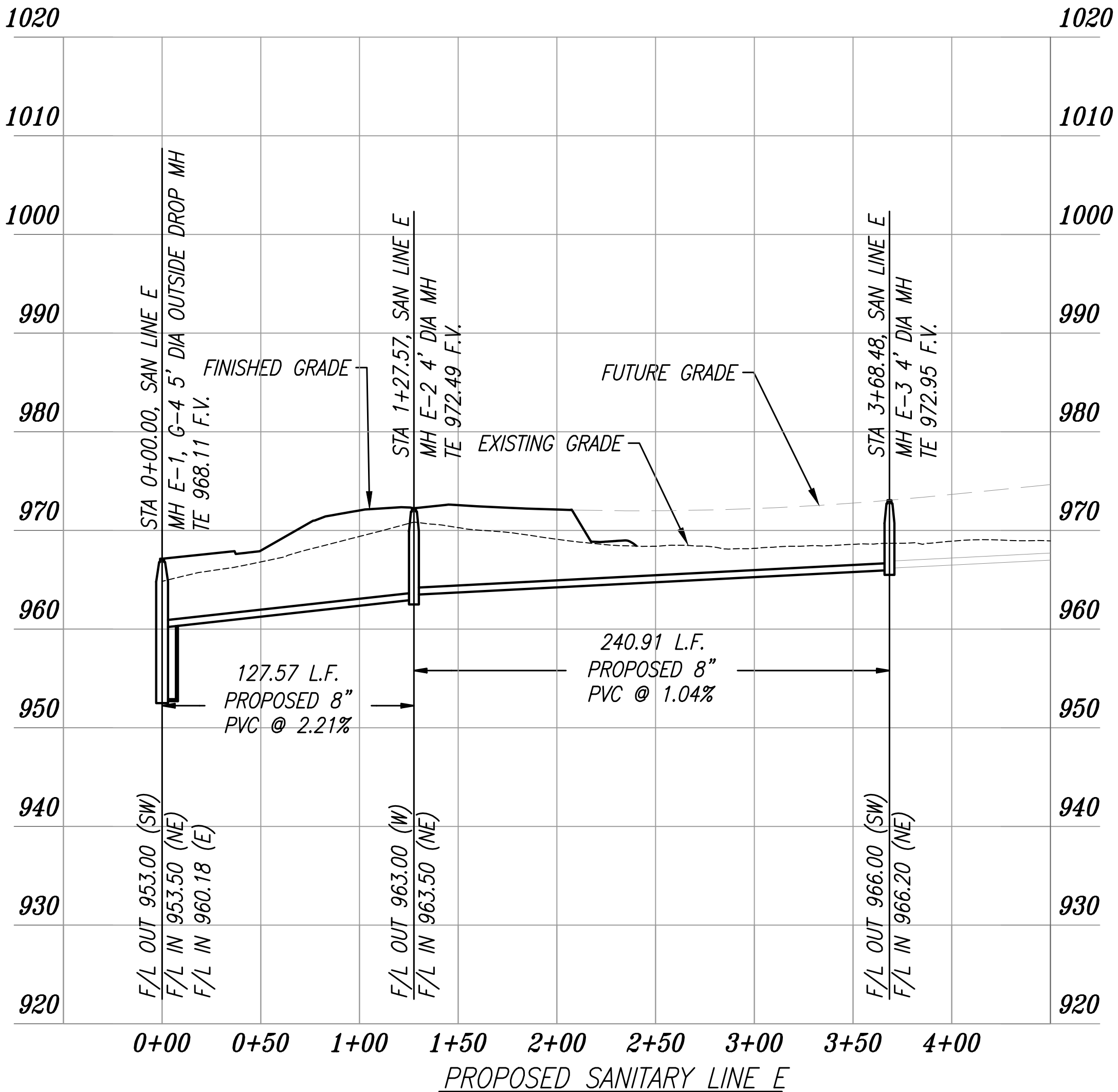
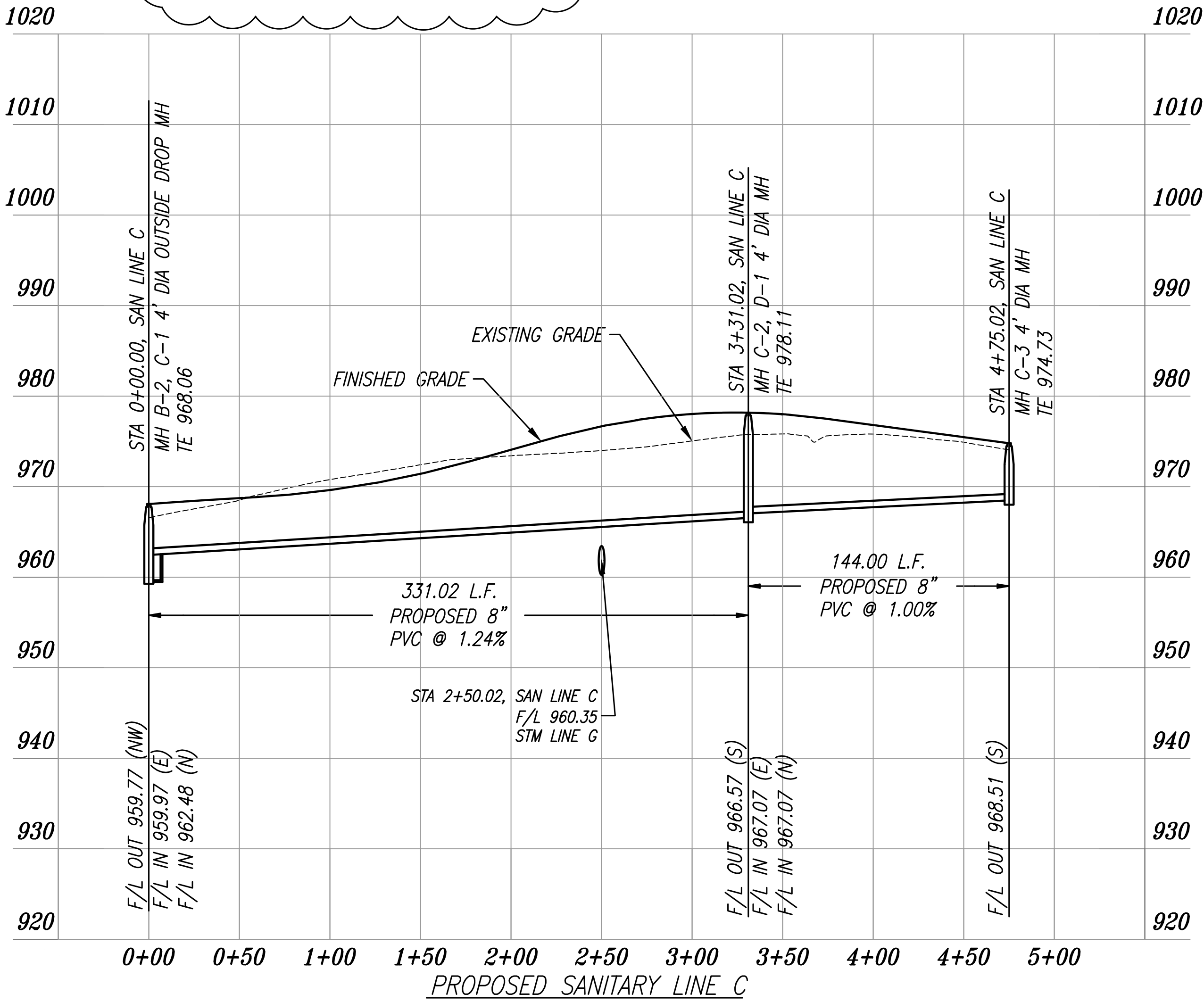
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DRAWN	JRT
SCALE	
NOTED	
DATE	09-01-2017
JOB NO.	04078
SHEET	10

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TRACT J

NOTE:
F.V.= FIELD VERIFY

NOTE:
FUTURE SANITARY EXTENSIONS TO BE
CORE-DRILLED - NO STUB-OFFS ALLOWED



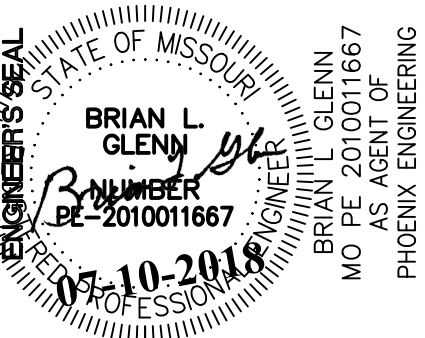
TRACT H

BRUCE J.
KLOSTERMANN

DOC NO. 2016E00323

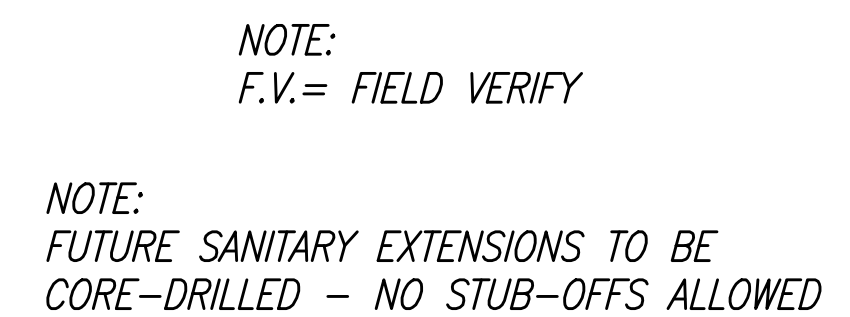
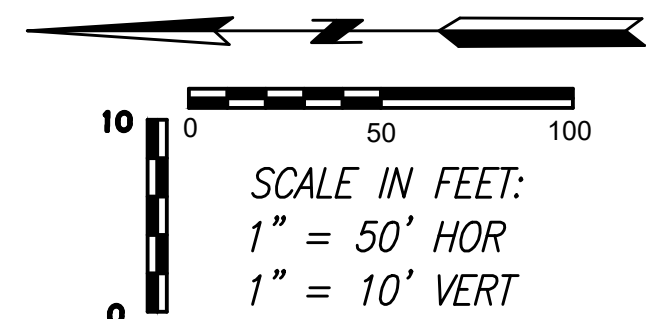
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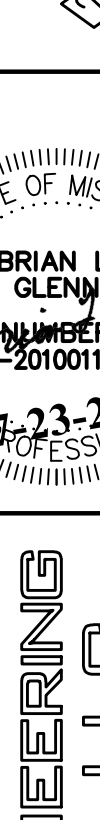
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CRT	BLG
SCALE	AS SHOWN
NOTED	
DATE	09-01-2017
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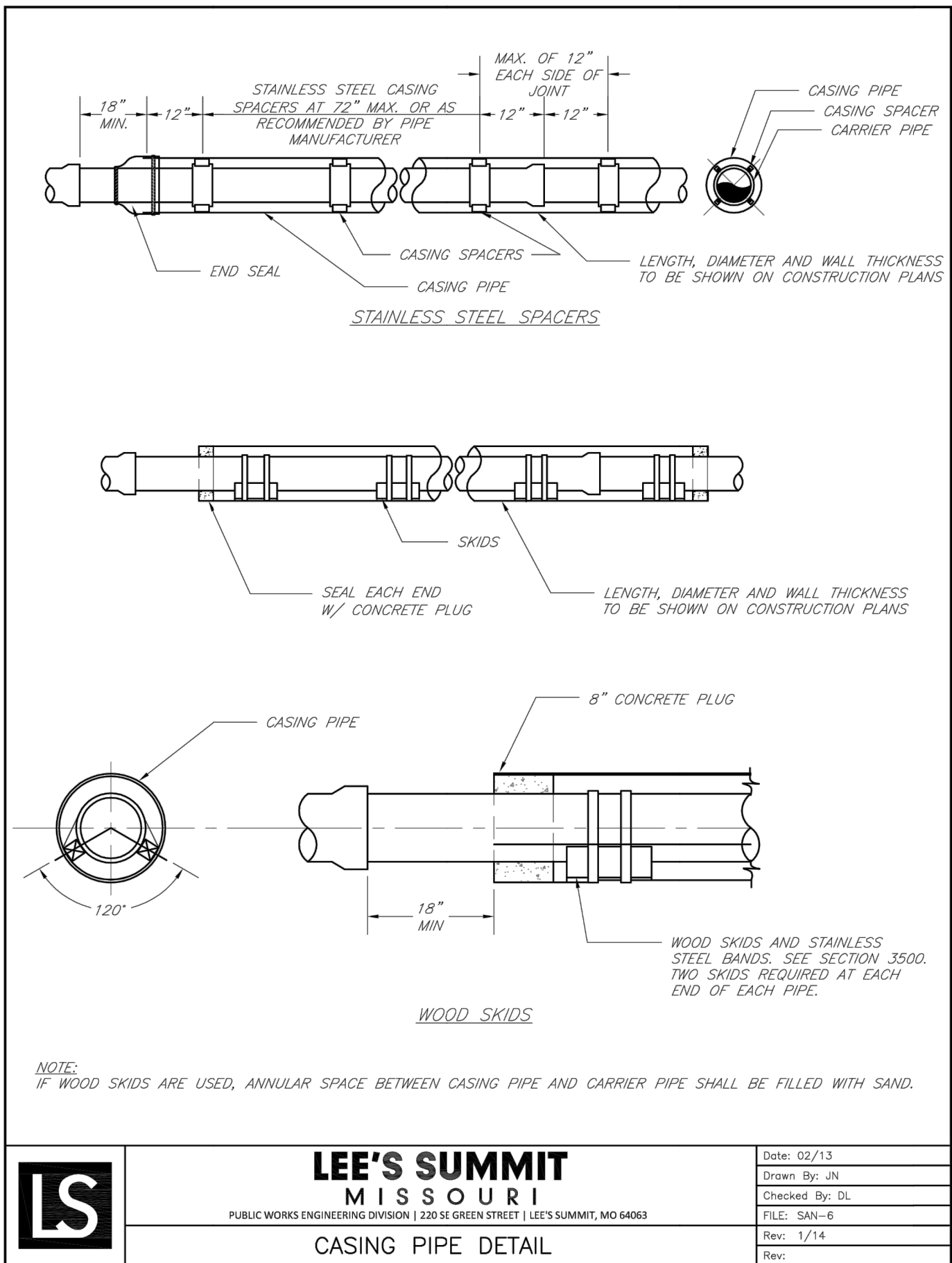
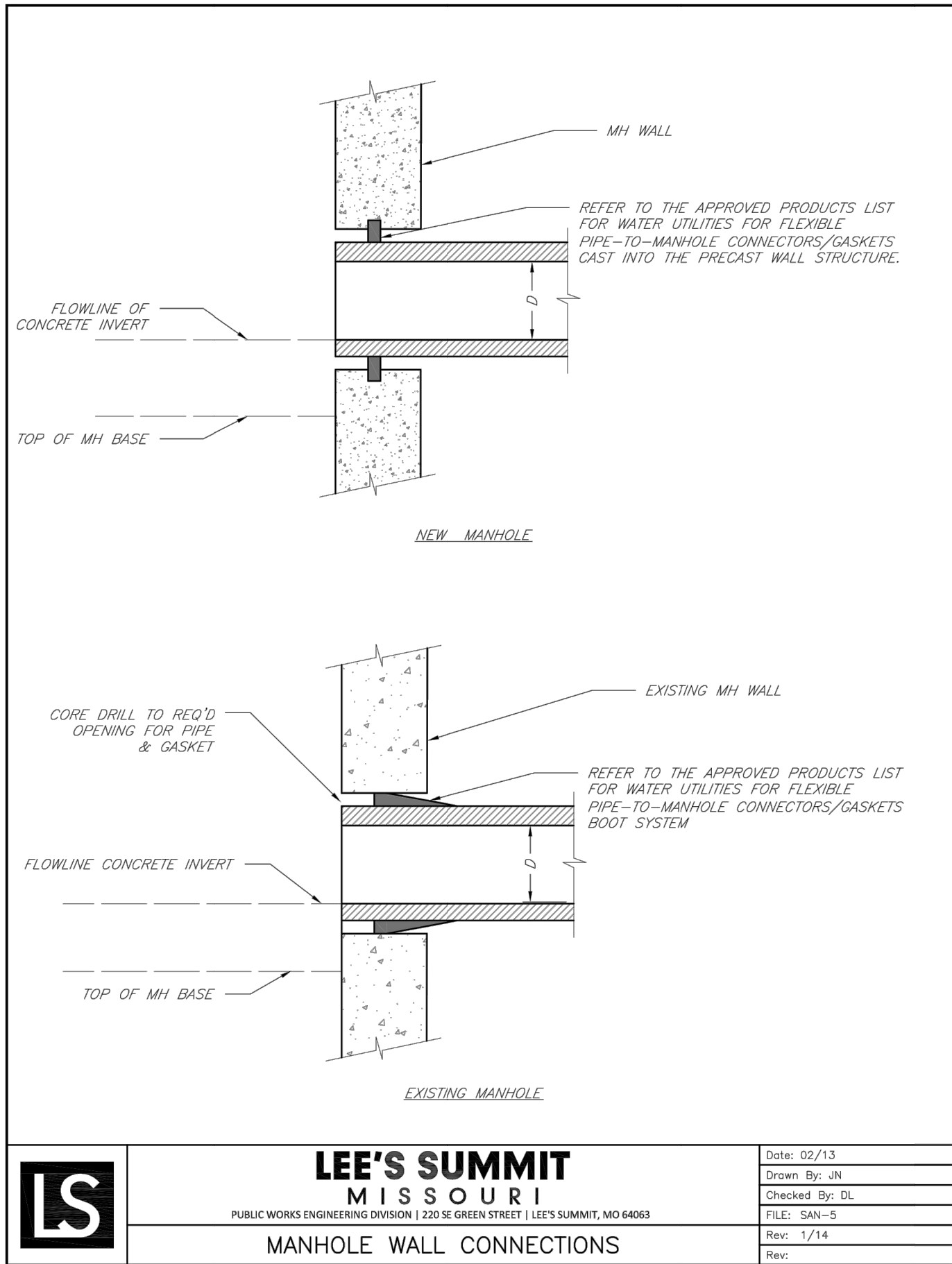
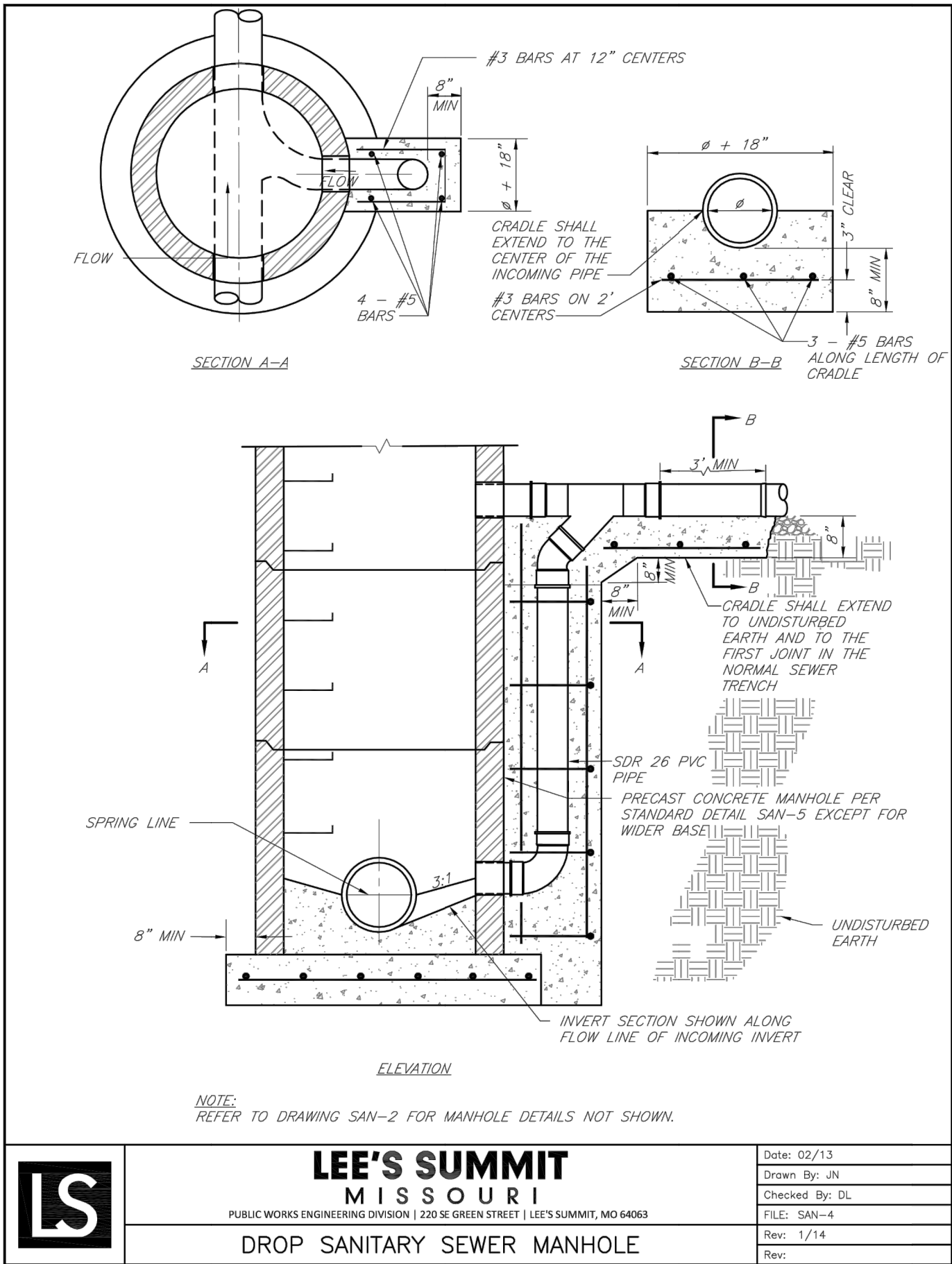
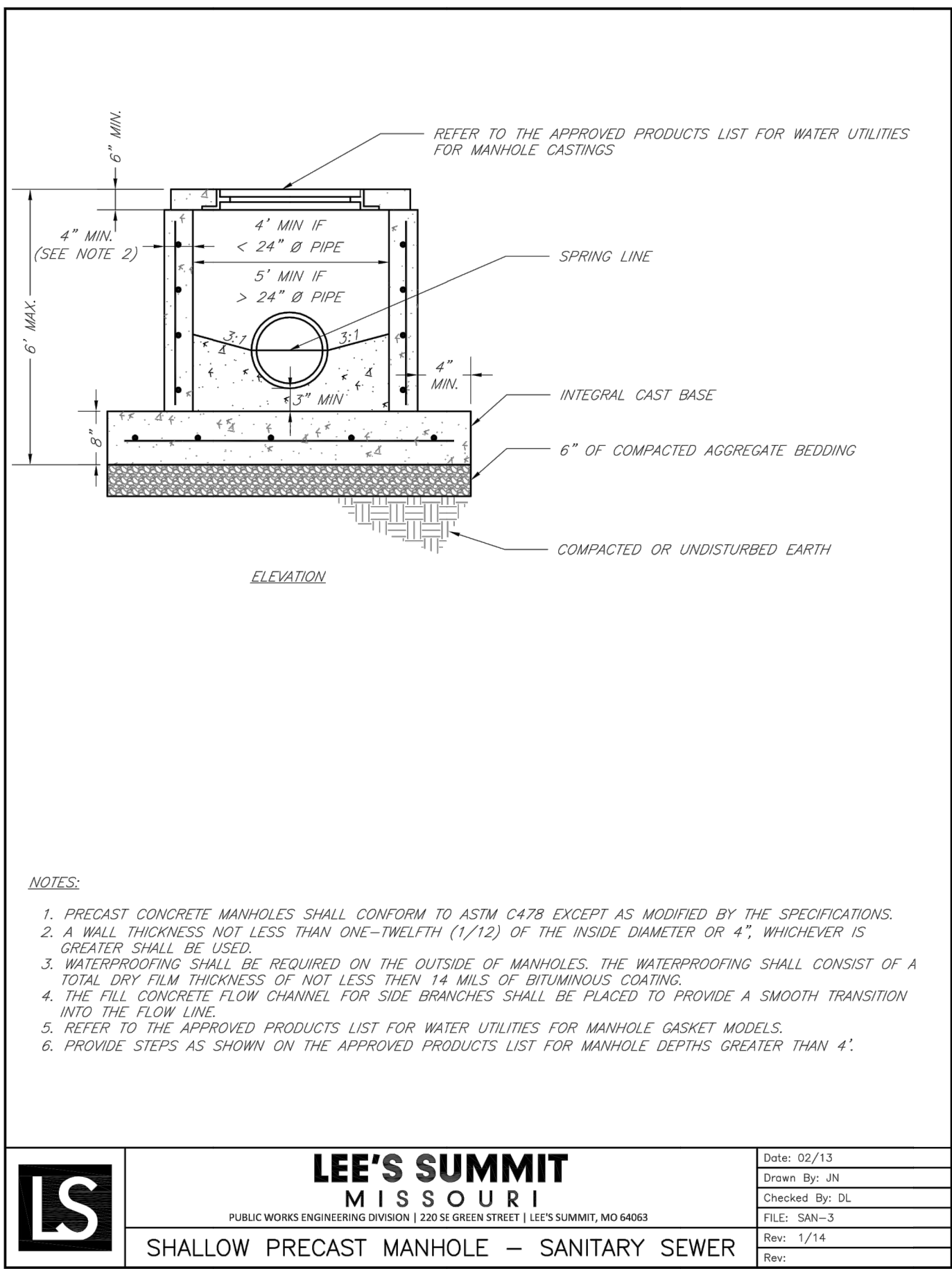
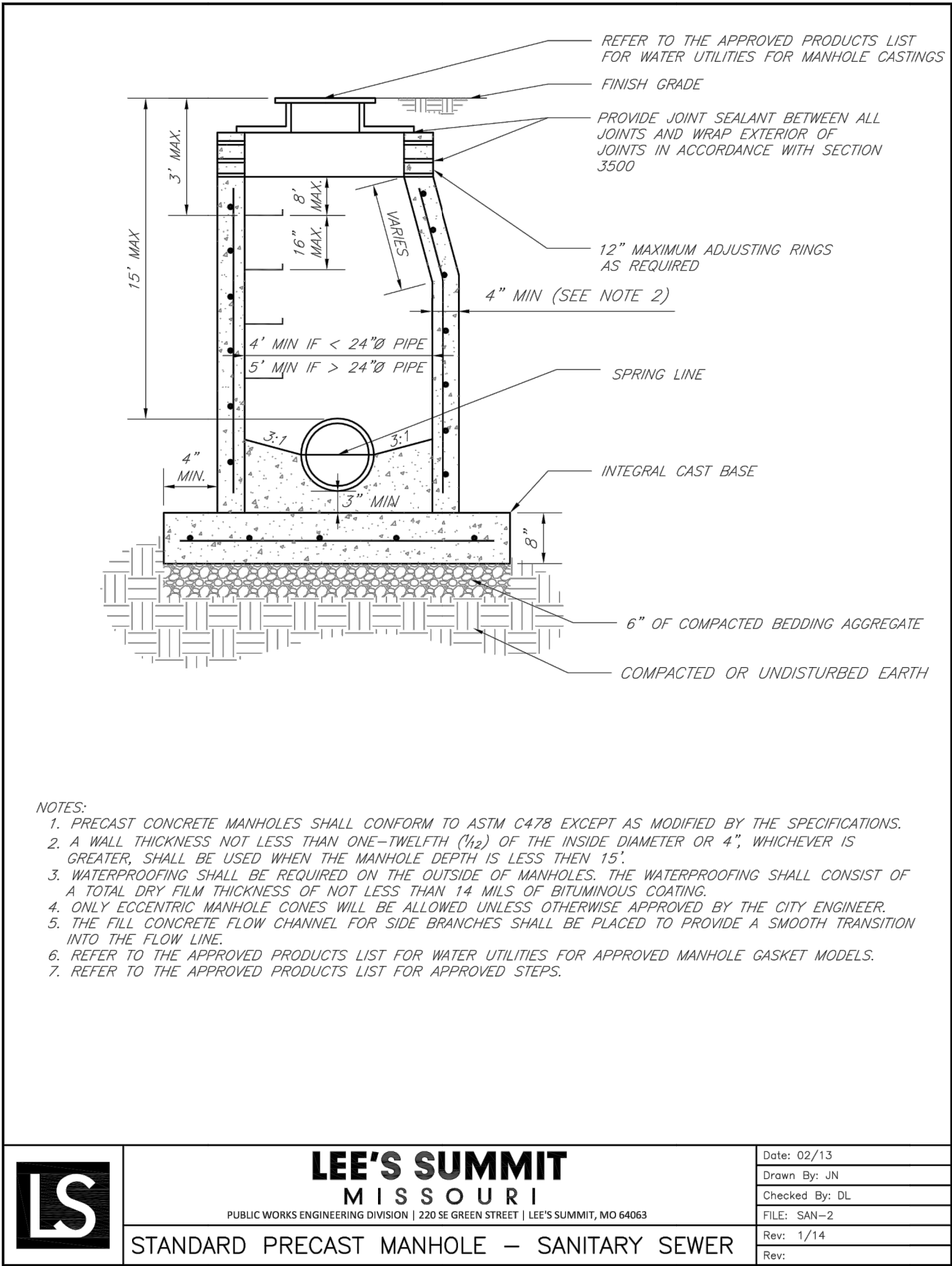
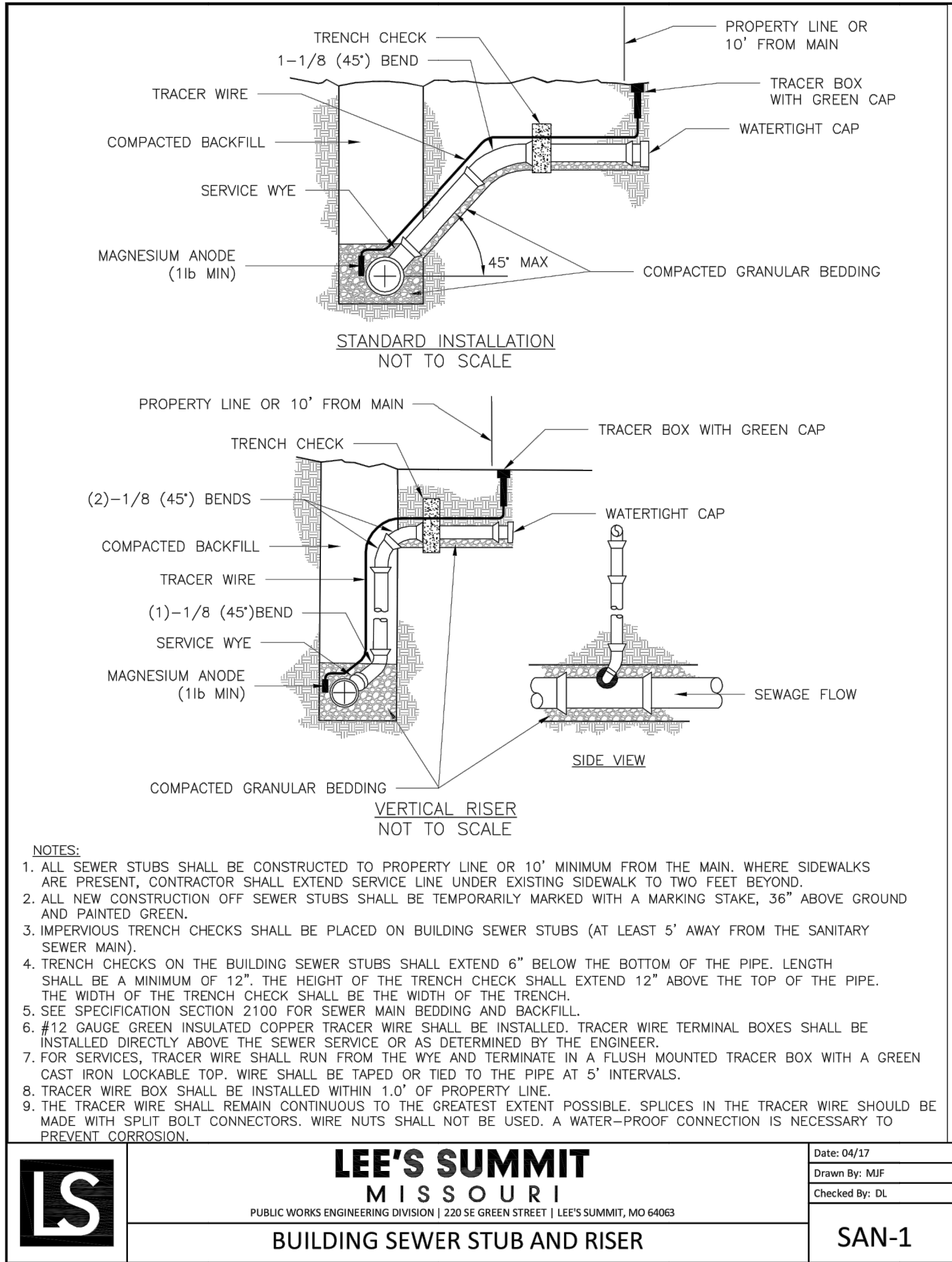


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ENGINEERING CERTIFICATE NO.: MO E-2000151302-D
SURVEYING CERTIFICATE NO.: MO LS-2000151303-D
KS: E-853
KS: LS-138

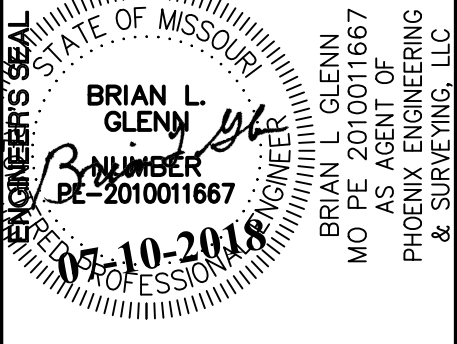
REVISION
Δ REVISED ON 02-15-18: SANITARY STUBS SHOWN IN
PLAN VIEW; ADDED LABELS; ADDED DEFLECTION
ANGLES & CROSSING CALLOUTS
◇ REVISED ON 02-26-18: ADDED NOTE; MH STUBS REMOVED
3 INCREASED VIEW EXTENTS TO SHOW LOT NUMBERS
THE SEALS AND SIGNATURE(S) APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED,
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	WHISPERING WOODS - 1ST PLAT LOTS 1 THRU 33 LEE'S SUMMIT, JACKSON COUNTY, MO SANITARY SEWER PLANS PLAN & PROFILE	DESIGNED BLC DRAWN JRT SCALE NOTED DATE 09-01-2017 JOB NO. 04078 SHEET	of 10	PHOENIX ENGINEERING & SURVEYING, LLC 3955 S. NORTHERN BLVD. INDEPENDENCE, MO 64052 (816) 743-9000 FAX (816) 743-9700 ENGINEERING CERTIFICATE NO: MO E-2000151302-D KS: E-853 SURVEYING CERTIFICATE NO: MO LS-2000151303-D KS: LS-138		REVISION △ REVISED ON 02-15-18: SANITARY STUBS SHOWN IN PLAN VIEW; ADDED LABELS; ADDED DEFLECTION ANGLES & CROSSING CALLOUTS ◇ REVISED ON 02-26-18: MH STUBS REMOVED □ REVISED ON 05-22-18: MDNR COMMENTS ④ REVISED ON 07-23-18: REPLACE EXIST. MH PER INSPECTOR COMMENTS THE SEWER STRUCTURES APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED, AND EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE ENGINEERING OR SURVEYING PROJECT.



REVISION

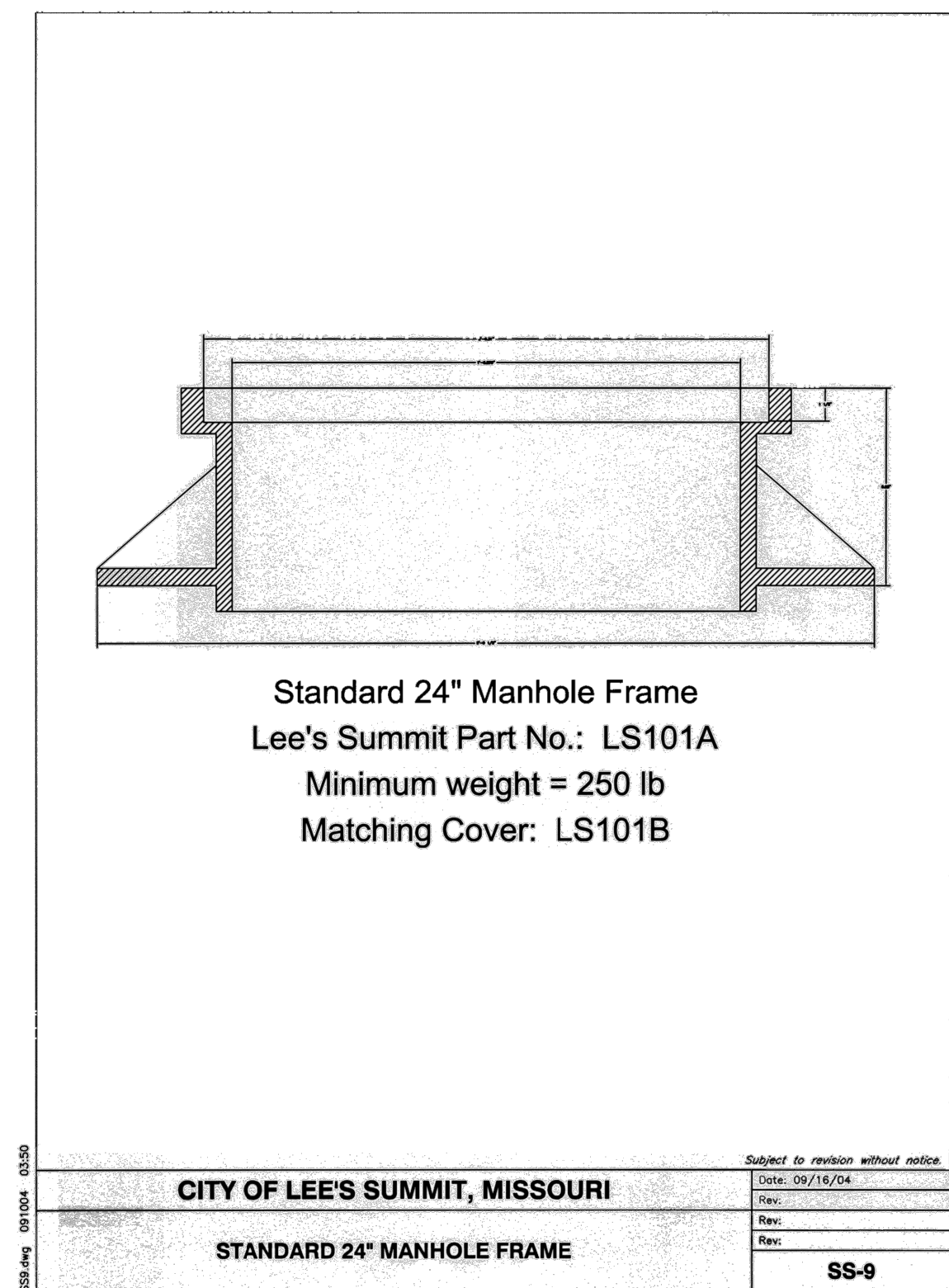
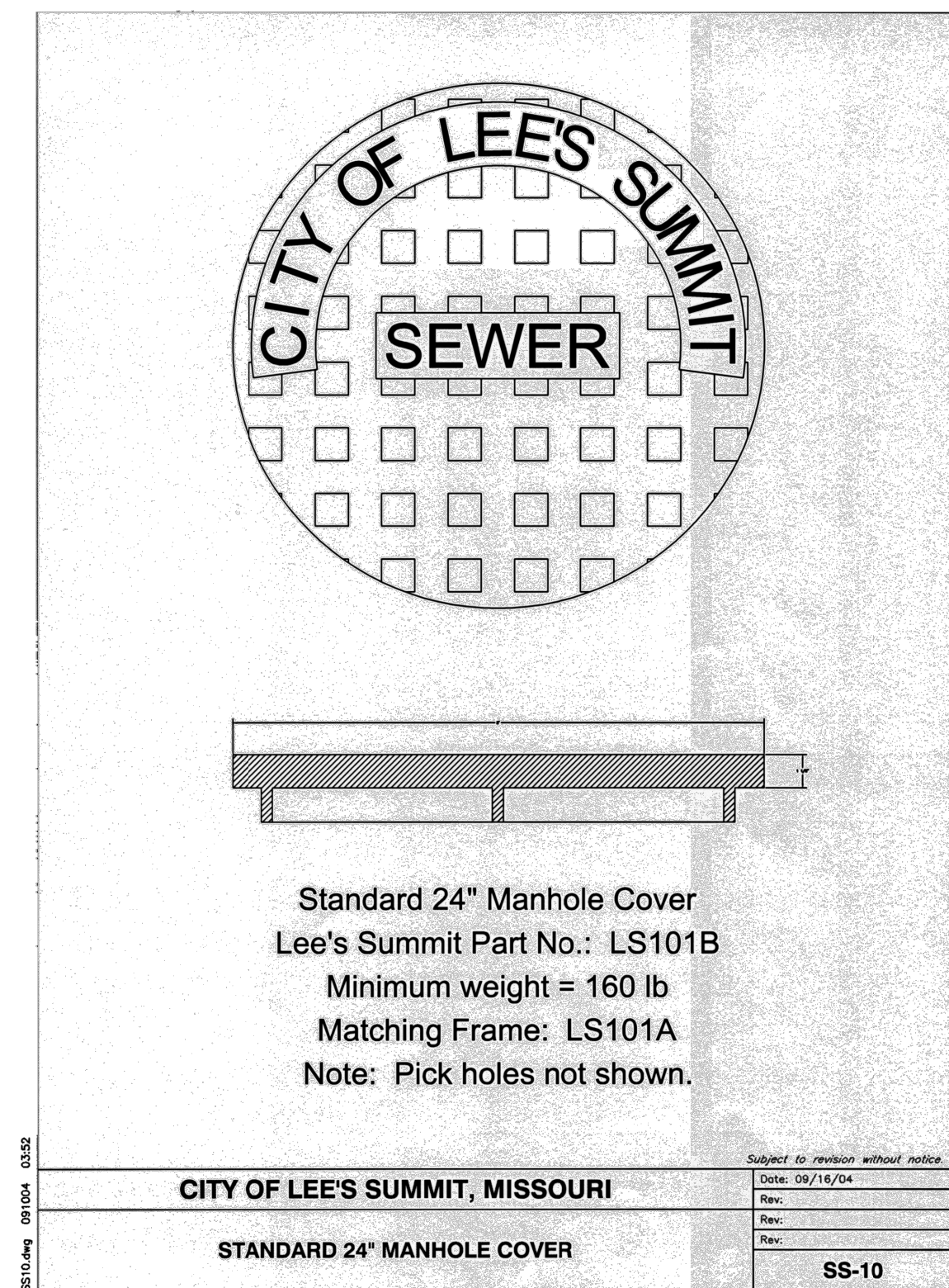
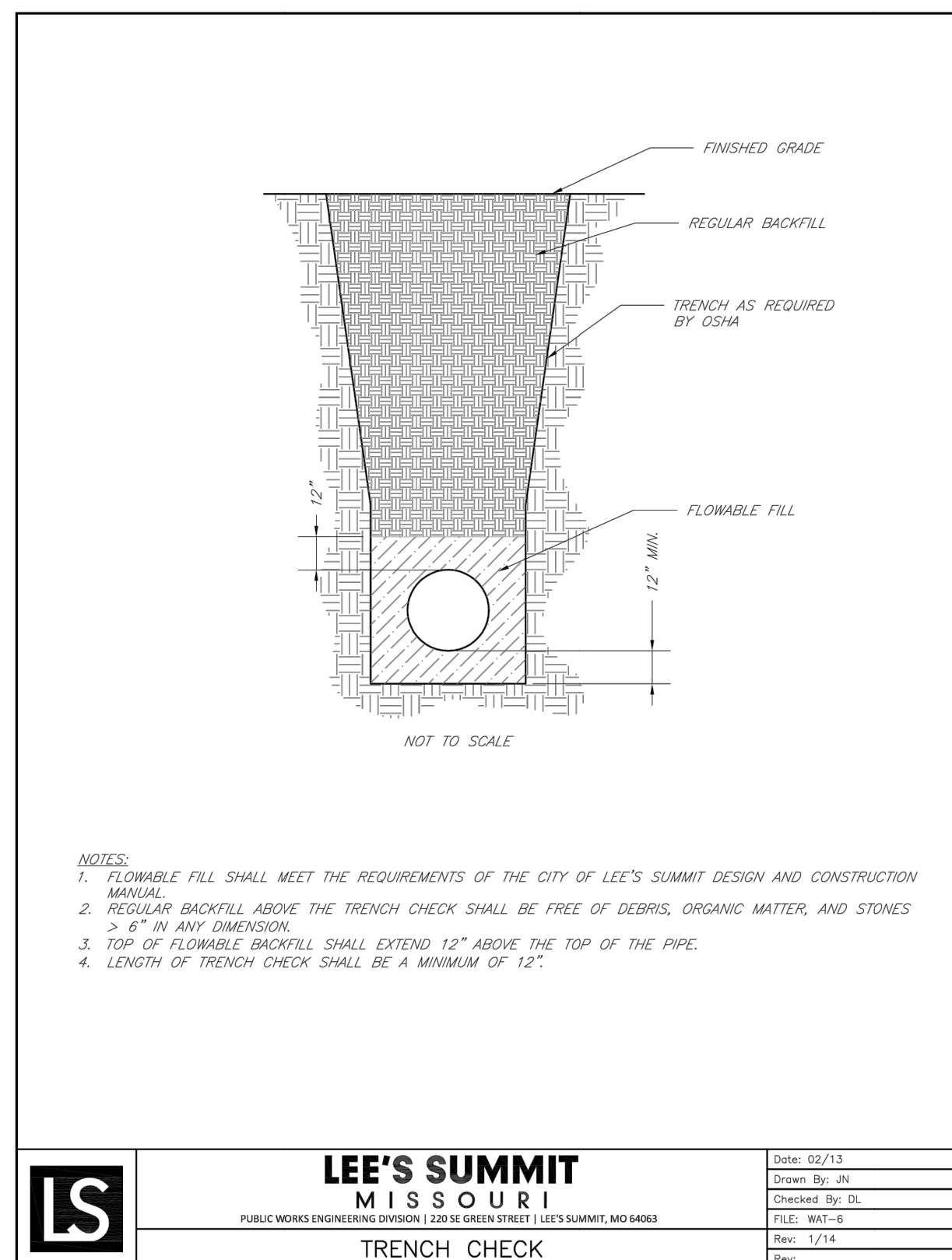
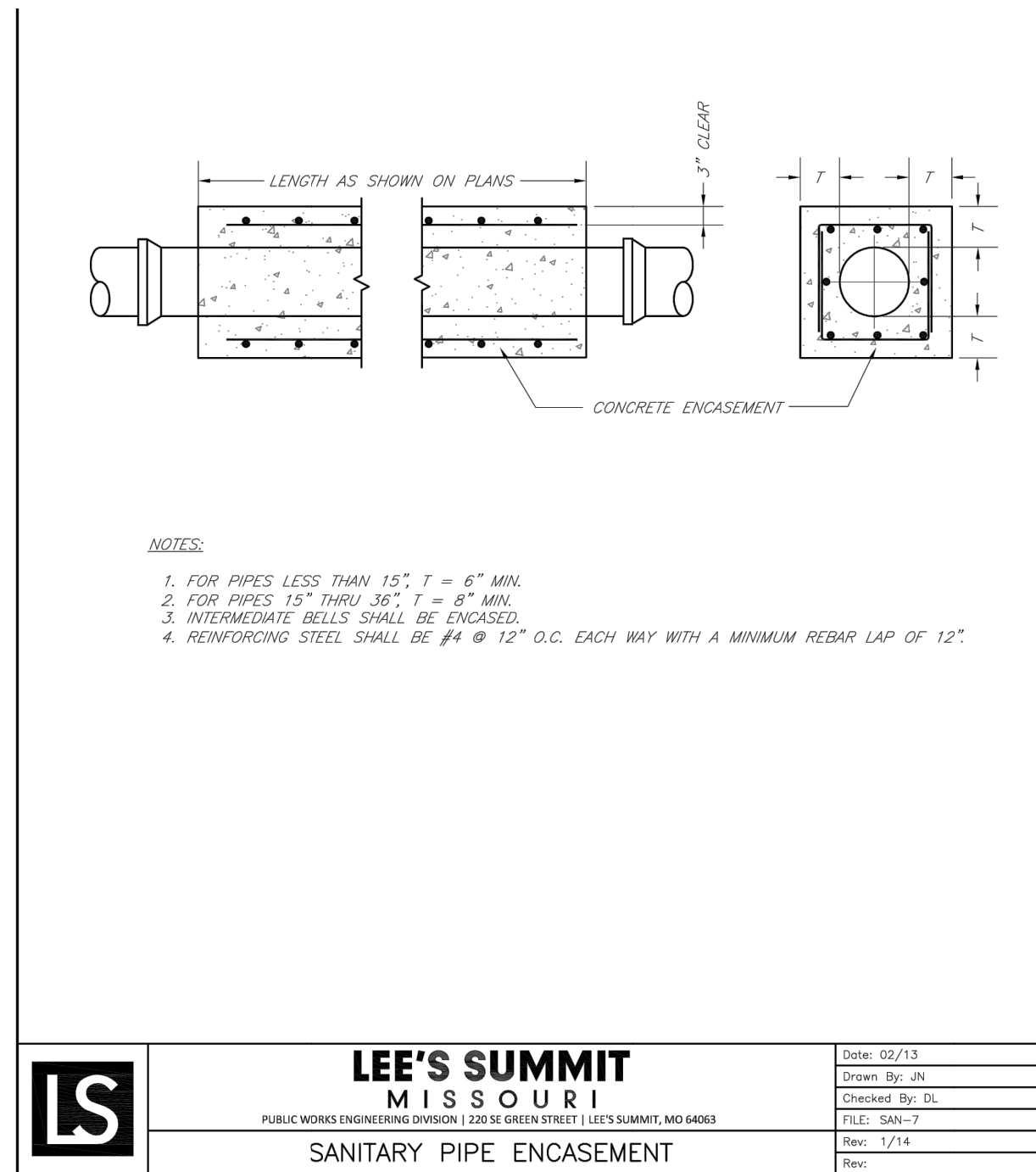


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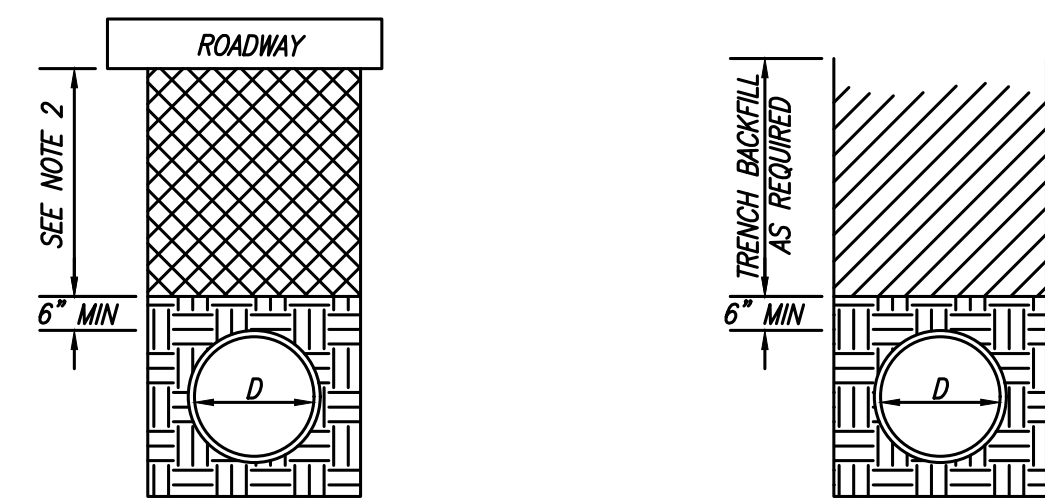
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SURVEYING CERTIFICATE NO.: MO LS-2000151303-D

**WHISPERING WOODS - 1ST PLAT
LOTS 1 THRU 33
LEE'S SUMMIT, JACKSON COUNTY, MO
SANITARY SEWER PLANS
DETAILS**

DESIGNED
BLG
DRAWN
JRT
SCALE
NOTED
DATE
09-01-2017
JOB NO
04078
SHEET



SANITARY PIPE EMBEDMENT DETAILS



SANITARY PIPE EMBEDMENT BENEATH ROADWAY

TYPICAL SANITARY PIPE EMBEDMENT

LEGEND	
D	NOMINAL PIPE DIAMETER
	TRENCH BACKFILL
	TAMPED GRANULAR BACKFILL (AB-3)
	GRANULAR BEDDING

D	PIPE SIDE CLEARANCE (SOIL/ROCK)	PIPE BOTTOM CLEARANCE (SOIL/ROCK)
0"-18"	6/6	6/6
21"-30"	8/9	6/9

NOTES:

1. 1. GRANULAR BEDDING SHALL BE ½" CLEAN ROCK WITH A MAXIMUM PARTICLE SIZE ¾ INCH ROCK, PASSING #200 SIEVE ≤35% (PI ≤10 AND LL ≤40). MATERIAL TO BE PLACED IN NOT MORE THAN 6" LAYERS AND COMPACTED BY SLICING WITH A SHOVEL OR VIBRATING.
2. TAMPERED GRANULAR BACKFILL (AB-3) SHALL BE GRANULAR MATERIAL WITH A MAXIMUM PARTICLE SIZE 1 - ½ INCH ROCK, PASSING #40 SIEVE (PI ≤8) 15 TO 50% AND #200 SIEVE ≤35%. THIS MATERIAL SHALL BE USED FOR ALL EXISTING AND PROPOSED STREET CROSSINGS FOR MAIN AND LATERAL CONSTRUCTION
3. TRENCH BACKFILL SHALL BE FINELY DIVIDED MATERIAL FREE FROM DEBRIS AND STONES, COMPACTED TO 95% MAXIMUM DENSITY.
4. NARROW TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES 24 INCHES OR LESS IN WIDTH AND SHALL BE FLOWABLE BACKFILL (CLSM).
5. STANDARD TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES BETWEEN 24 TO 48 INCHES WIDE SHALL BE EITHER FLOWABLE BACKFILL (CLSM) OR DENSE, WELL-GRADED AGGREGATE BASE MATERIAL. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS FOR KDOT AB-3 OR MODOT TYPES 1 OR 5.
6. WIDE TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES GREATER THAN 48 INCHES WIDE SHALL BE EITHER MATERIALS SPECIFIED FOR STANDARD TRENCH OR SUITABLE MATERIAL AS SPECIFIED FOR "EARTH EMBANKMENT" IN APWA STANDARD SPECIFICATIONS, SECTION 2102.2.H

**WHISPERING WOODS - 1ST PLAT
LOTS 1 THRU 33
LEE'S SUMMIT, JACKSON COUNTY, MO
SANITARY SEWER PLANS
DETAILS**



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REVISION

2 REVISED ON 02-26-18: DETAILS
ADDED/MODIFIED

3 REVISED ON 03-23-18: DETAILS
ADDED/MODIFIED

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