

MARKET STREET CENTER  
PUBLIC SANITARY SEWER IMPROVEMENTS  
IN THE CITY OF LEE'S SUMMIT, JACKSON COUNTY, MO

GENERAL NOTES:

THE DESIGN AND CONSTRUCTION OF THE PUBLIC SANITARY SEWER FACILITIES SHALL BE GOVERNED BY THE CITY OF LEE'S SUMMIT, MISSOURI DESIGN CRITERIA AND TECHNICAL SPECIFICATIONS, LATEST EDITIONS.

UTILITY COMPANIES:

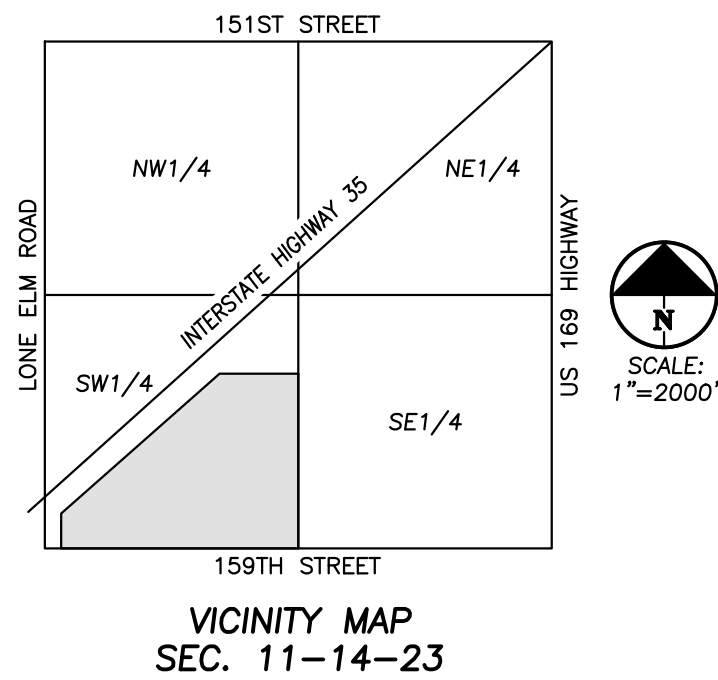
MISSOURI GAS ENERGY (816) 969-2218  
LUCAS WALLS (LUCAS.WALLS@SUG.COM)  
3025 SOUTHEAST CLOVER DRIVE  
LEE'S SUMMIT, MO 64082

EVERGY (816) 347-4339  
PHILLIP INGRAM (PHILLIP.INGRAM@KCPL.COM)  
RON DEJARNETTE (RON.DEJARNETTE@KCPL.COM)  
1300 HAMBLEN ROAD  
LEE'S SUMMIT, MO 64081

STORM SEWER (PUBLIC WORKS DEPARTMENT) (816) 969-1800  
220 SE GREEN STREET  
LEE'S SUMMIT, MO 64063

SANITARY SEWER & WATER (WATER UTILITIES DEPT.) (816)-969-1900  
1200 SE HAMBLEN ROAD,  
LEE'S SUMMIT, MO 64081

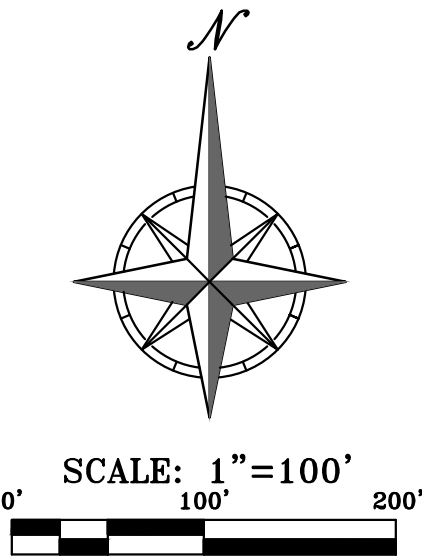
AT&T (913) 383-4929  
MR. CLAYTON ANSPAUGH (CA4089@ATT.COM) (913) 383-4849-FAX  
9444 NALL AVENUE  
OVERLAND PARK, KANSAS 66207



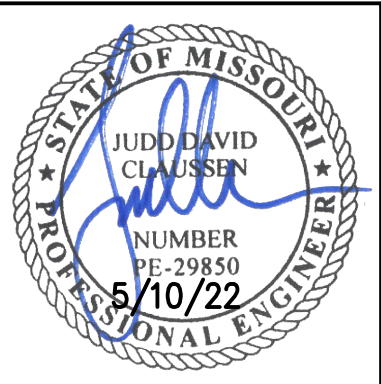
UTILITY NOTES:  
VISUAL INDICATIONS OF UTILITIES ARE AS SHOWN.  
UNDERGROUND LOCATIONS SHOWN, AS FURNISHED BY THEIR LESSORS, ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION. FOR ACTUAL FIELD LOCATIONS OF UNDERGROUND UTILITIES CALL 811.

LEGEND OF SYMBOLS

Proposed Sanitary Sewer  
Existing Sanitary Sewer



PREPARED & SUBMITTED BY:  
PHELPS ENGINEERING, INC.  
1270 N. WINCHESTER  
OLATHE, KANSAS 66061



JUDD D. CLAUSSEN, MISSOURI P.E.#29850

DATE

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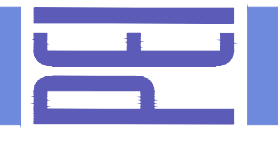
COVER SHEET  
MARKET STREET CENTER  
M291 AND SW MARKET STREET  
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

PROJECT NO.	DATE	BY	APPROVED	REVISIONS	DATE	REVISIONS	DATE	REVISIONS	DATE
210639	05-10-22	DAVID CLAUSSEN	DAVID CLAUSSEN						

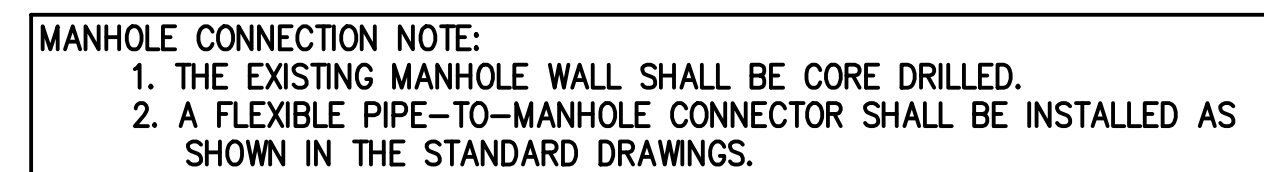
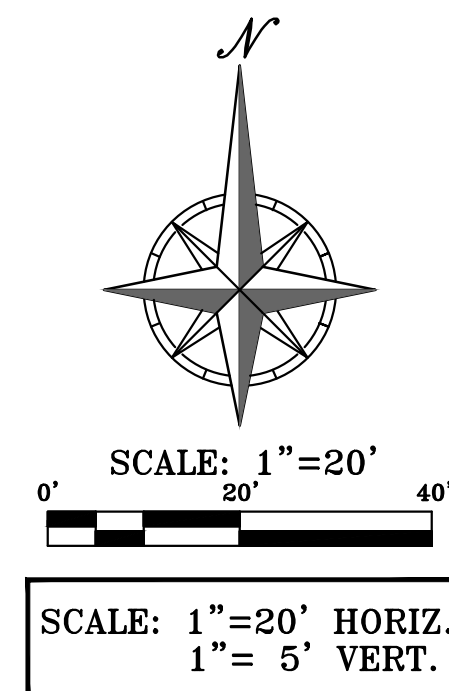
SHEET  
SS-1

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Fax (913) 393-1166  
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IMPLEMENTATION





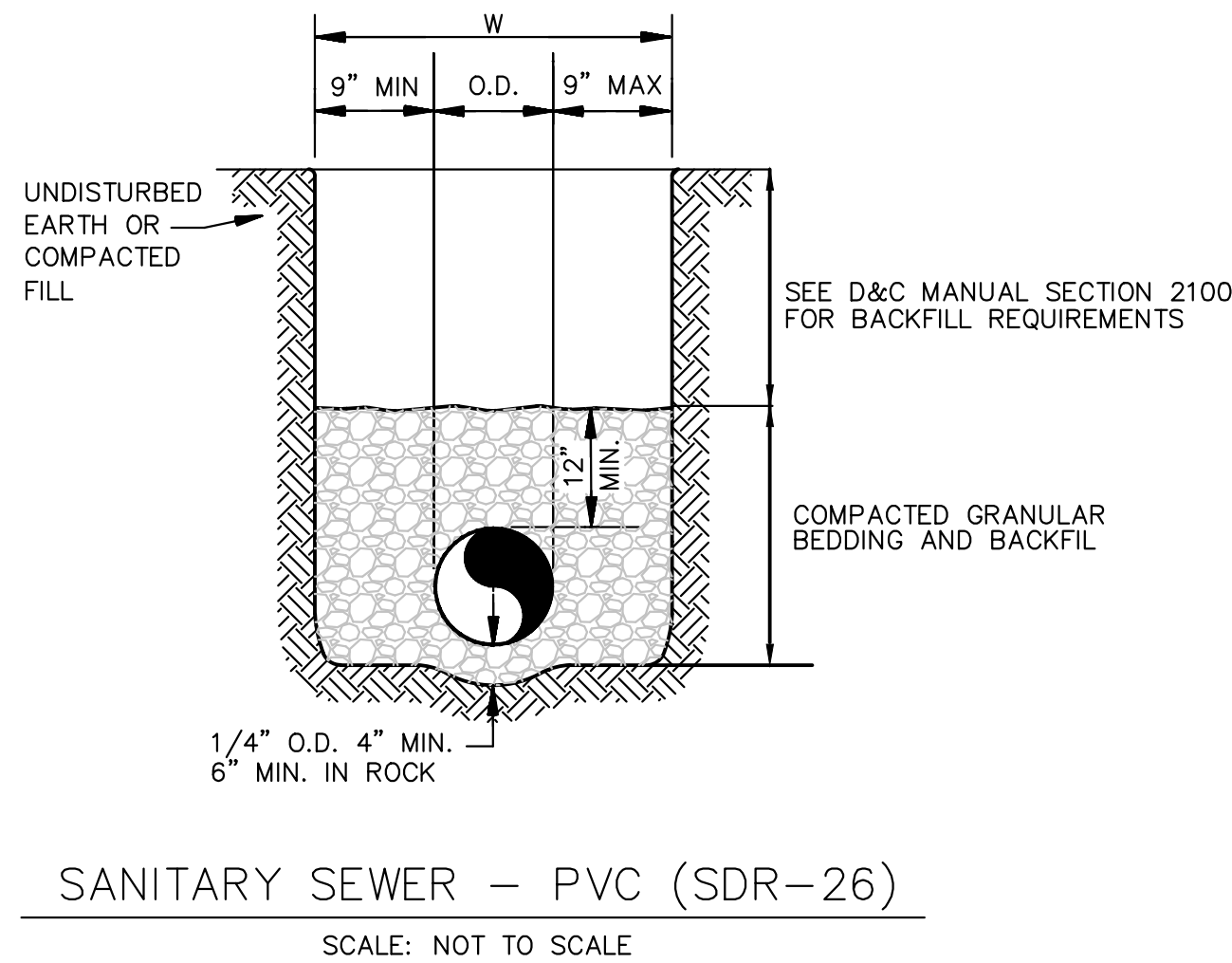
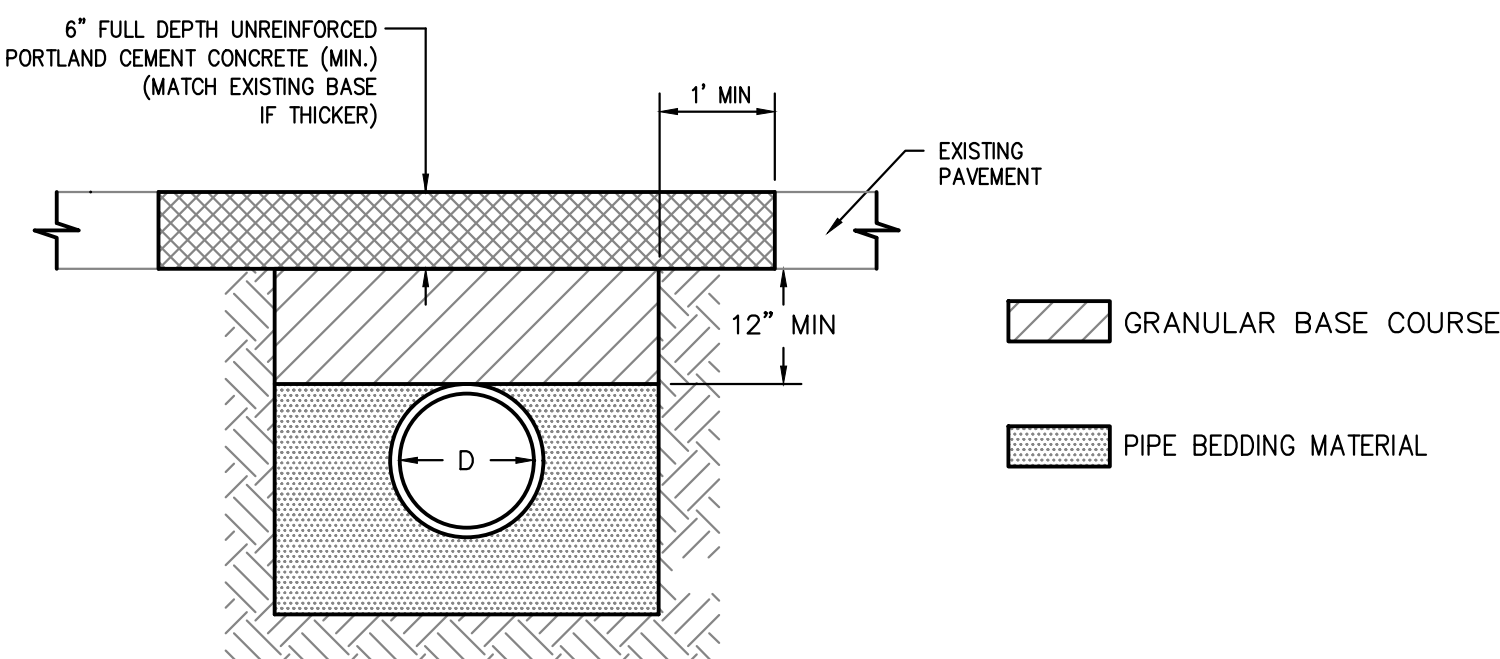
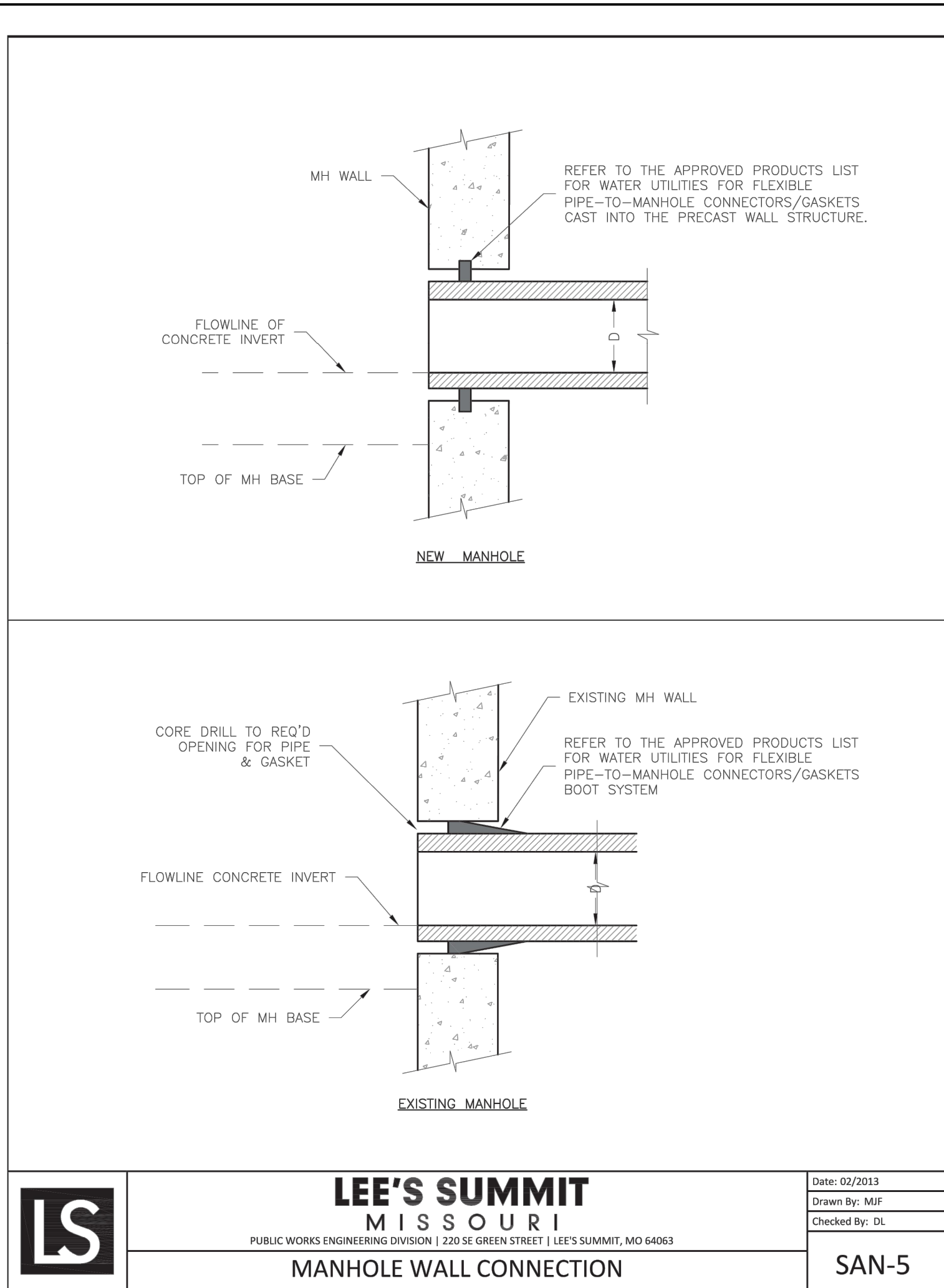
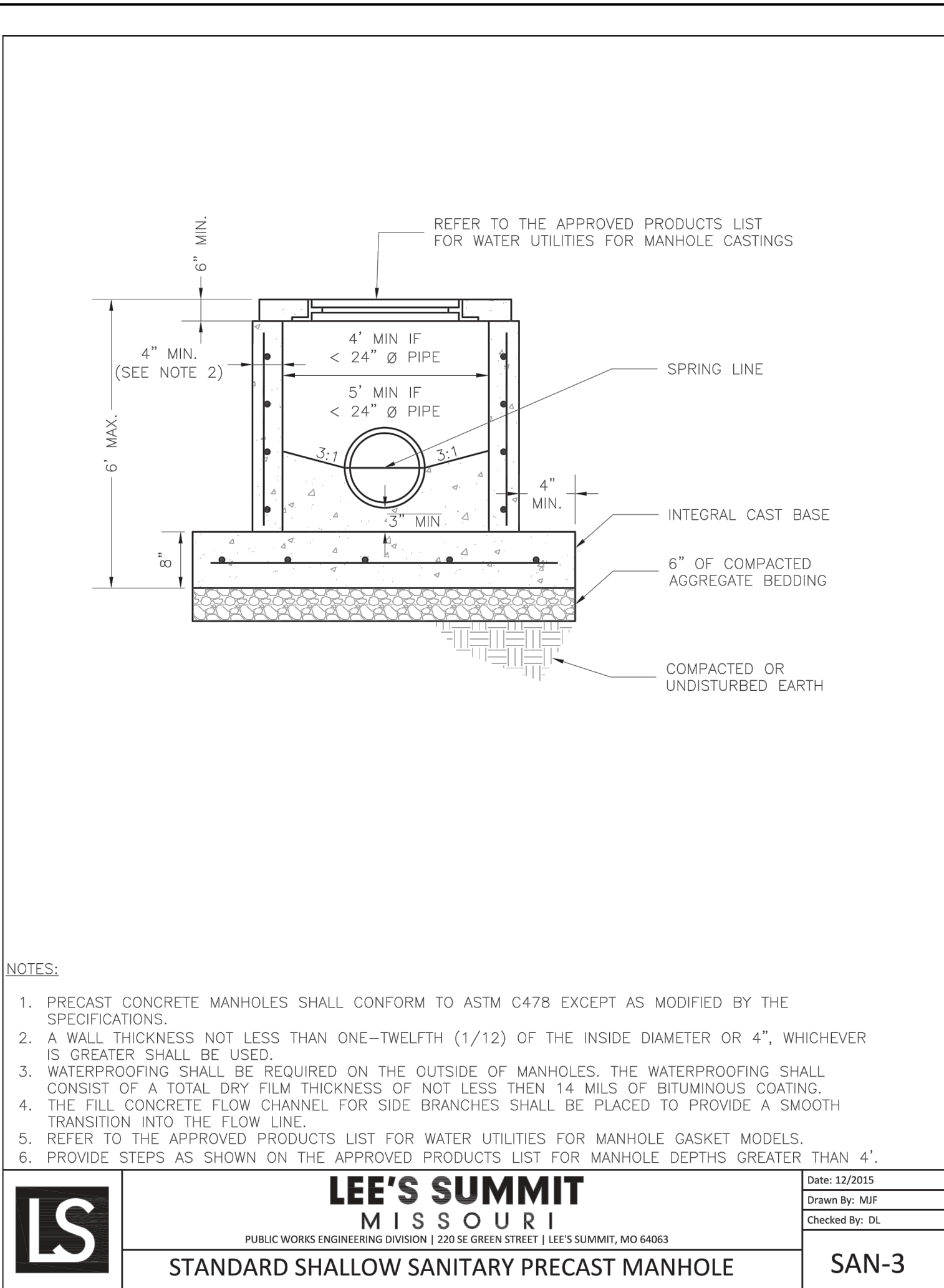
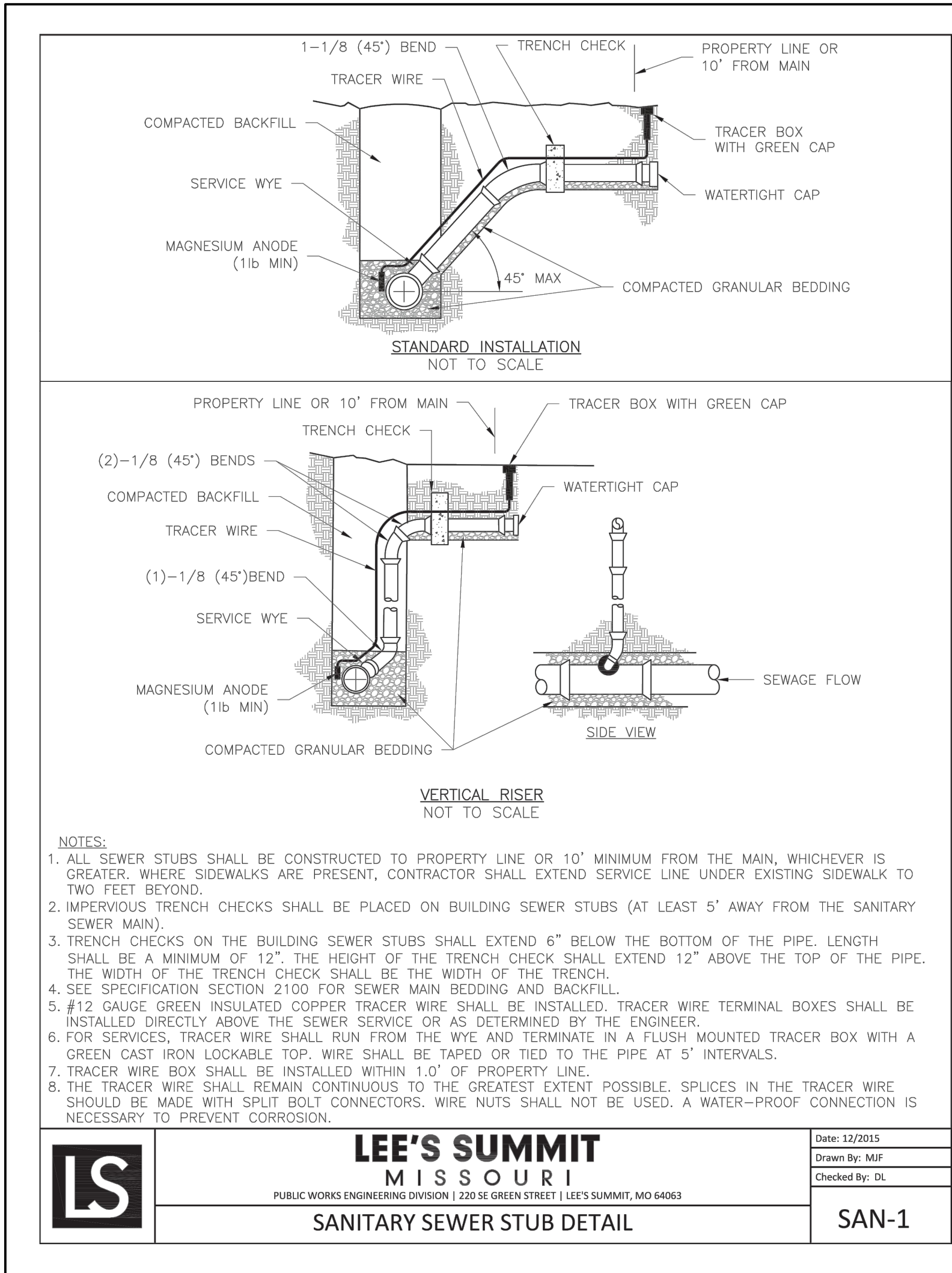








\\PHELPS-SERKER\Projects\210639.dwg Sanitary Sewer Plans\SAN DETAILS.dwg Layout:DETAILS Mar 15, 2022 10:06pm Daniel Finn



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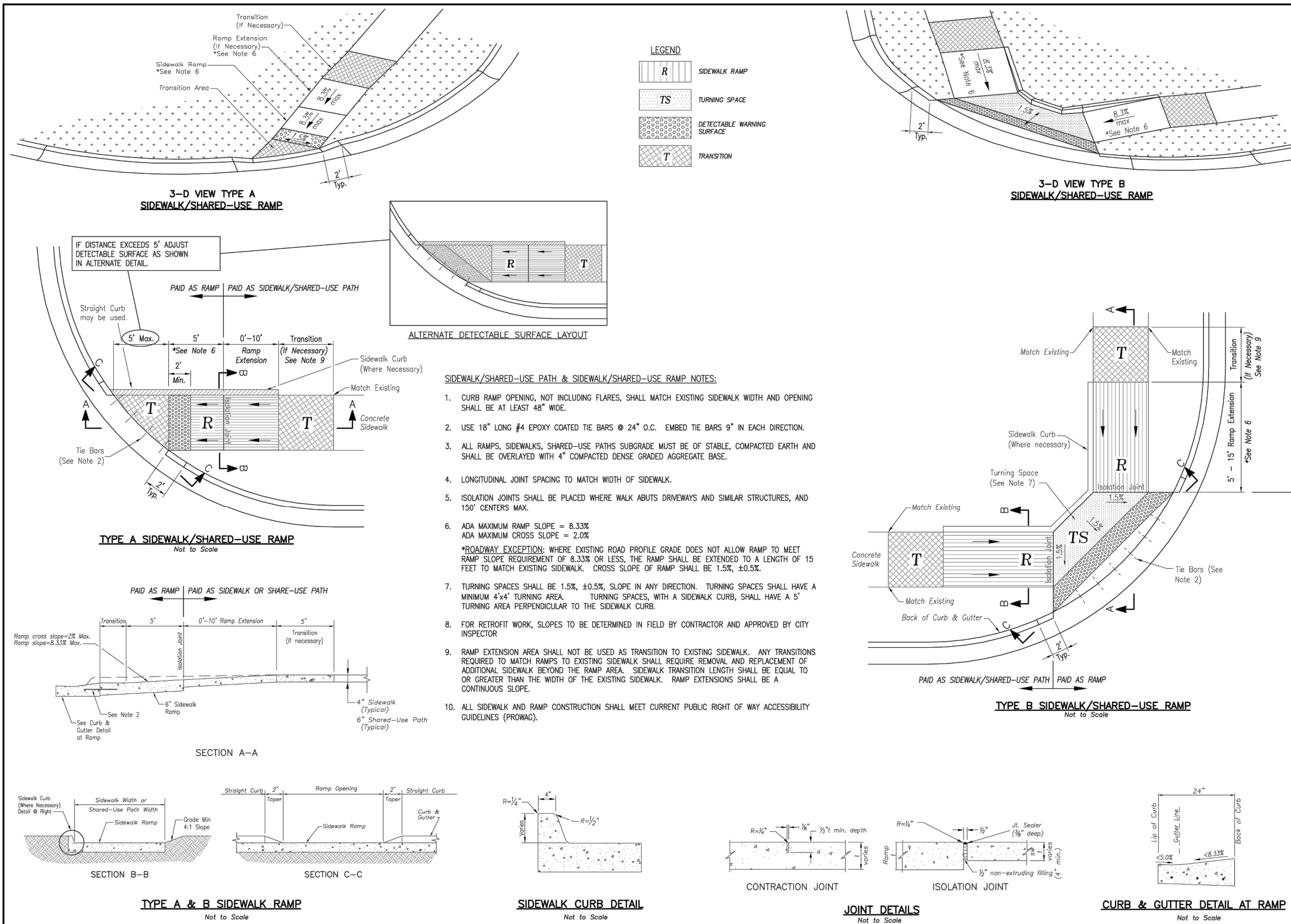


**SANITARY SEWER DETAILS**  
MARKET STREET CENTER  
M291 AND SW MARKET STREET  
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

PROJECT NO.	210639	No.	Date	Revisions:	By	App.
DATE: 02-04-22	DRAWN BY: JDC	1.	03-15-2022	REVISED PER CITY COMMENTS	SNH	DAF
CHECKED: DAF	APPROVED: JDC					
DESIGNED: JDC	DATE OF AUTHORIZATION: 03-15-2022					
ENGINEER: JDC	EXPIRATION DATE: 03-15-2025					
CERTIFICATE OF AUTHORIZATION: MISSOURI ENGINEERING BOARD 200700208						

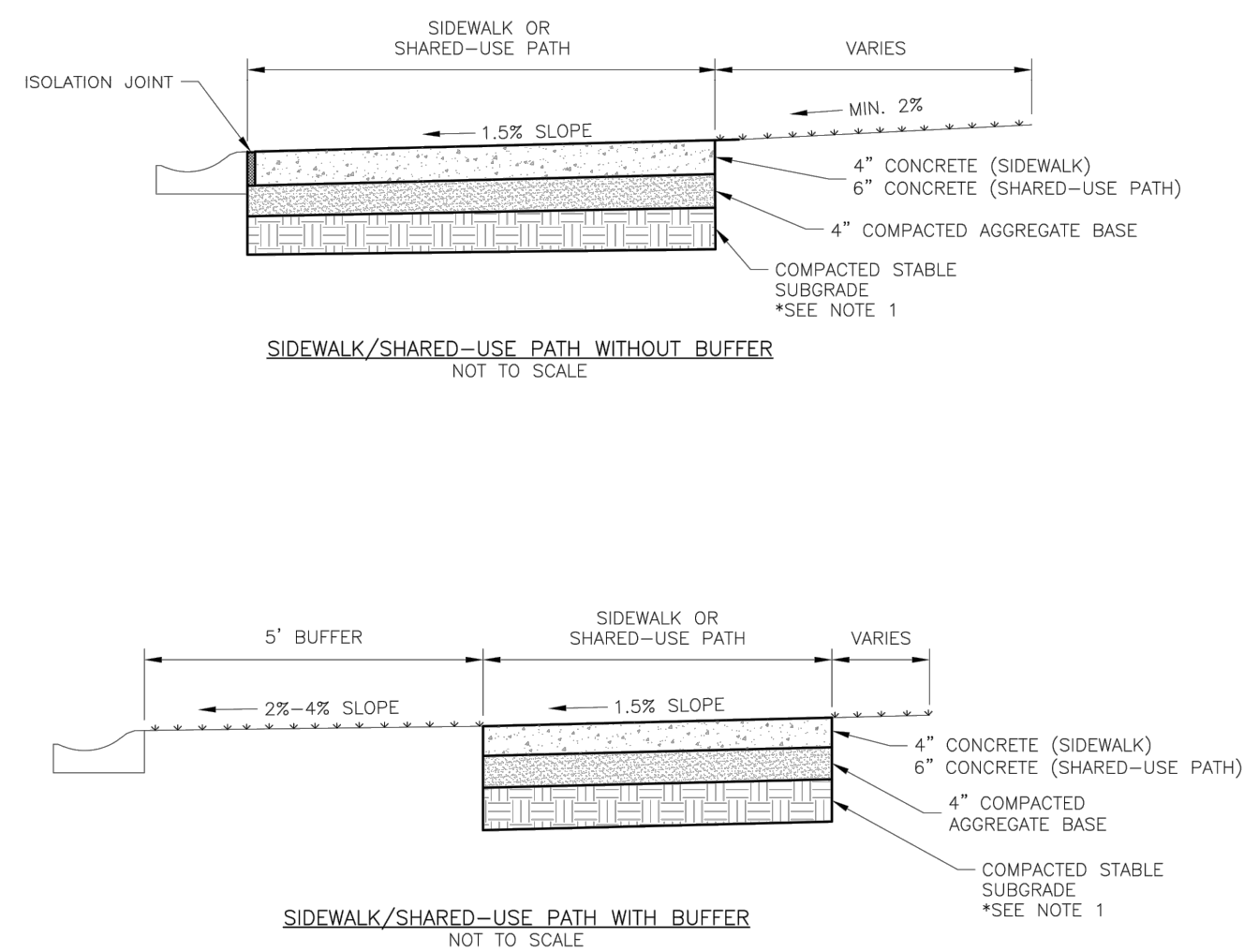
SHEET  
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**LS** LEE'S SUMMIT  
MISSOURI

STANDARD DETAILS  
CITY OF LEE'S SUMMIT, MO  
S SUMMIT, JACKSON COUNTY, MO

Project:	LEE
Sheet Name:	
Drawn By:	MJF
Checked By:	DL
Date:	04/17
Proj. #:	
GEN-3A	



GENERAL NOTES:

1. SUBGRADE MUST BE COMPACTABLE, COMPACTED EARTH AND SHALL BE OVERLAIN WITH 4" COMPACTED DENSE AGGREGATE BASE.
2. IN CROSS SECTION, SLOPE MUST BE MAINTAINED THROUGH DRIVEWAYS.
3. K90MB 44 CONCRETE MIX SHALL BE REQUIRED FOR ALL SIDEWALKS/SHARED-USE PATHS OR AS APPROVED BY THE CITY ENGINEER.
4. ALL SIDEWALKS/SHARED-USE PATHS SHALL MEET CURRENT PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (TROWA).
5. CONSTRUCTION JOINT SHALL BE PLACED AT A MAXIMUM OF 150 FT. CONSTRUCTION JOINTS SHALL BE PLACED THE SAME WIDTH OF SIDEWALKS/SHARED-USE PATHS, BUT NO GREATER THAN 10 FT.
6. AN ISOLATION JOINT SHALL BE PLACED WHERE THE SIDEWALK/SHARED-USE PATHS MEETS A RESIDENTIAL DRIVEWAY.
7. SHARED-USE PATHS WIDTH SHALL BE 10 FT. WIDE.
8. SIDEWALKS/SHARED-USE PATHS FINISHING SHALL BE FULL BROOM FINISH OR AS DIRECTED BY CITY INSPECTOR.
9. PATCHING COMPOUND MUST BE APPLIED UNIFORM TO THE CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISHING.



## LEE'S SUMMIT

PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

## SIDEWALK/SHARED-USE PATH DETAIL

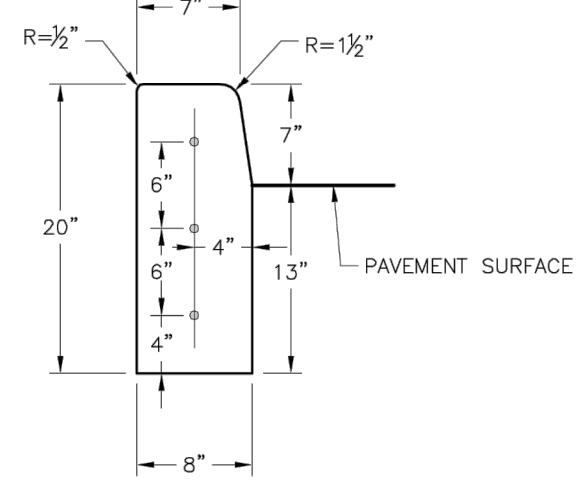
## SIDEWALK/SHARED-USE PATH DETAIL

Date: 04/17
Drawn By: MUF

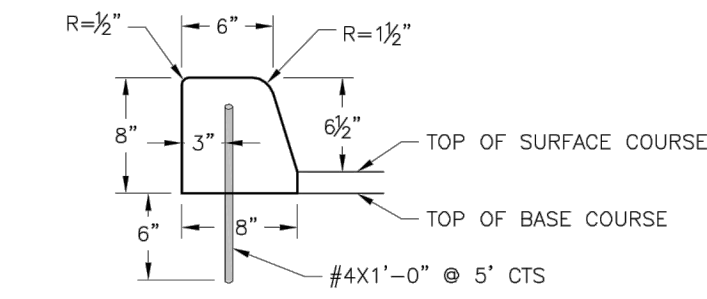
Checked By: DL

GEN

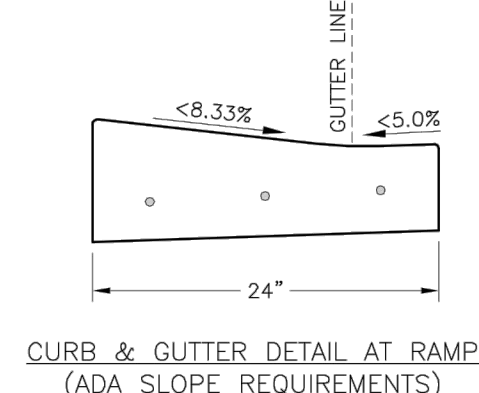
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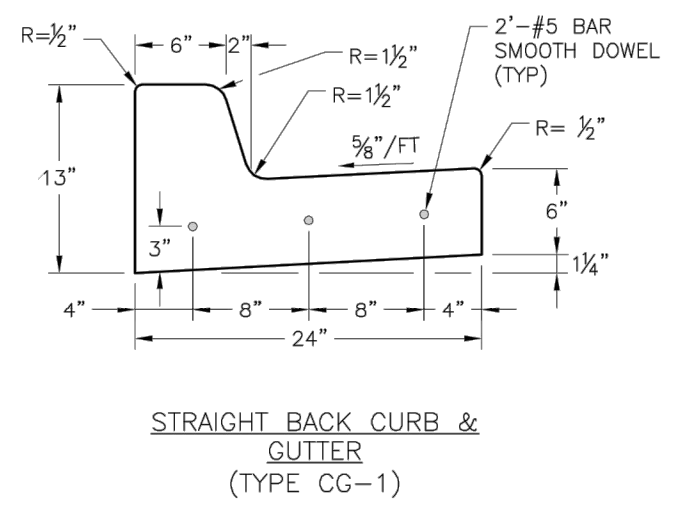
STRAIGHT CURB  
(TYPE C-1)



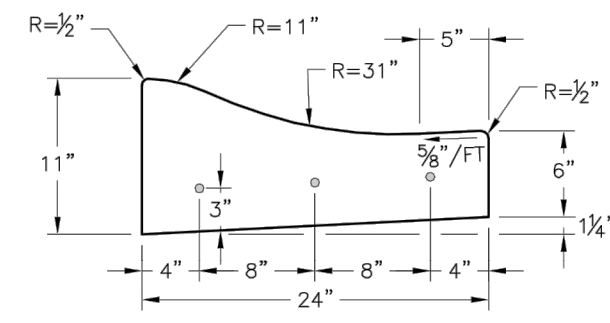
DOWELLED CURB  
(TYPE DC)



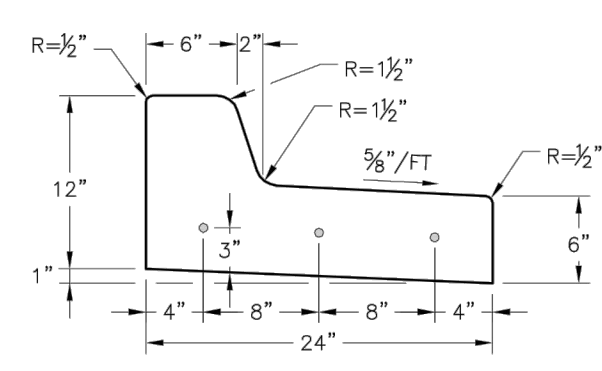
CURB & GUTTER DETAIL AT RAMP  
(ADA SLOPE REQUIREMENTS)



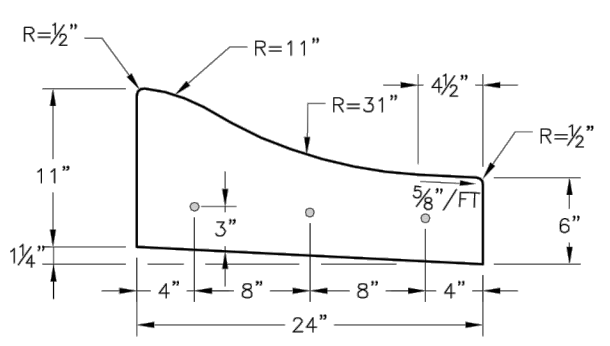
STRAIGHT BACK CURB &  
GUTTER  
(TYPE CG-1)



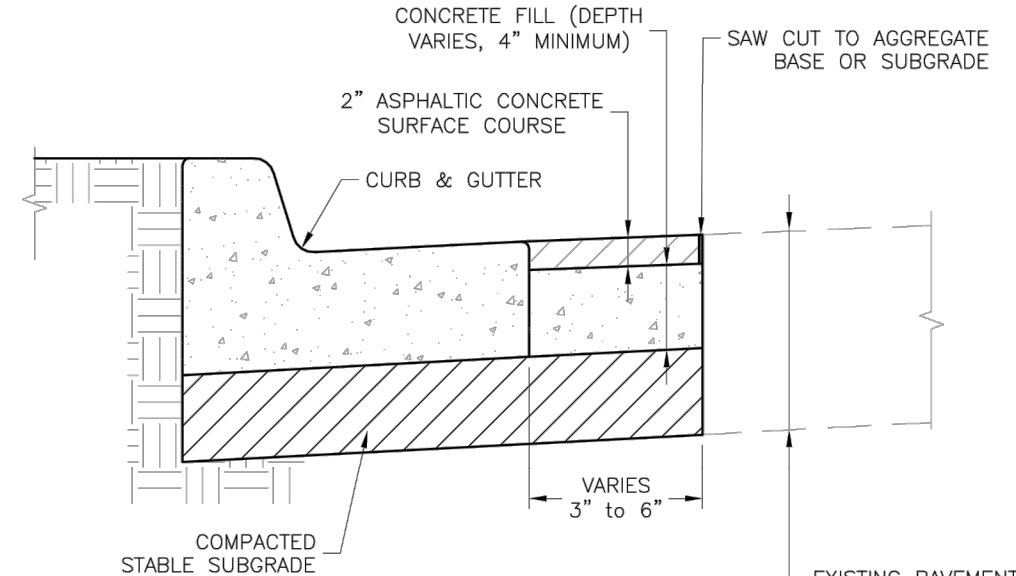
ROLL BACK CURB &  
GUTTER  
(TYPE CG-2)



STRAIGHT BACK DRY CURB  
GUTTER  
(TYPE CG-1 DRY)



ROLL BACK DRY CURB &  
GUTTER  
(TYPE CG-2 DRY)



CURB REPLACEMENT DETAIL

GENERAL NOTES

1. 3/4" ISOLATION JOINTS SHALL BE PLACED AT 3' (2'-#5 BAR) SMOOTH DOWELS SHALL BE PLACED AT RADIIUS POINTS AND AT 150' INTERVALS. THESE DOWEL BARS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
2. 3" DEEP CONCRETE JOINTS SHALL BE INSTALLED AT APPROXIMATELY 10' INTERVALS. THESE JOINTS SHALL PASS ACROSS THE ENTIRE CURB SECTION.
3. CONCRETE FILL SHALL HAVE UNIFORM AND SMOOTH FINISH
4. KCMME 4K CONCRETE SHALL BE USED FOR ALL CURBS.
5. ASPHALTIC CONCRETE SURFACE COURSE SHALL CONFORM TO STANDARD SPECIFICATION SECTION 202.01
6. CURBS FOR NEW STREETS SHALL BE BUILT ON ASPHALT OR AGGREGATE BASE AS SHOWN IN TYPICAL SECTION DETAIL.
7. WHITE CURING COMPOUND MUST BE APPLIED UNIFORMLY TO THE CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISH.

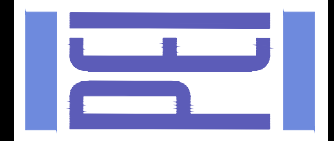
**IS LEE'S SUMMIT**  
MISSOURI

STANDARD DETAILS  
CITY OF LEE'S SUMMIT, MO  
S SUMMIT, JACKSON COUNTY, MO

Project:	LEE	Student Name:
Drawn By: MJJ Checked By: DL Date: 04/17 Proj. #:		
<div style="text-align: center; font-size: 2em; font-weight: bold;">GEN-4</div>		

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## PLANNING ENGINEERING IMPLEMENTATION



**PAVEMENT DETAILS**  
MARKET STREET CENTER  
M291 AND SW MARKET STREET  
CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

	No.	Date	Revisions:	By	App.
			REVISED PER CITY COMMENTS	SAH	DAF
PROJECT NO. 210859					
DWG. DATE: 02-04-21 DRAWN BY: DAF	1.	03-15-2022			
CHECKED: DAF APPROVED: DAF					
CERTIFICATE OF AUTHORIZATION LAND SURVEYING LS-62 ENGINEERING E-357					
CERTIFICATE OF AUTHORIZATION MECHANICAL ME-00000002					
POLYMER 2007-00000002					

SHEET

SS-5