MARKET STREET CENTER PUBLIC SANITARY SEWER IMPROVEMENTS

IN THE CITY OF LEE'S SUMMIT, JACKSON COUNTY, MO

GENERAL NOTES:

UTILITY COMPANIES:

3025 SOUTHEAST CLOVER DRIVE

LUCAS WALLS (LUCAS.WALLS@SUG.COM)

PHILLIP INGRAM (PHILLIP.INGRAM@KCPL.COM)

STORM SEWER (PUBLIC WORKS DEPARTMENT)

MR. CLAYTON ANSPAUGH (CA4089@ATT.COM)

RON DEJARNETTE (RON.DEJARNETTE@KCPL.COM)

MISSOURI GAS ENERGY

LEE'S SUMMIT, MO 64082

1300 HAMBLEN ROAD LEE'S SUMMIT, MO 64081

220 SE GREEN STREET LEE'S SUMMIT, MO 64063

1200 SE HAMBLEM ROAD,

LEE'S SUMMIT, MO 64081

AT&T (913) 383-4929

OVERLAND PARK, KANSAS 66207

9444 NALL AVENUE

EVERGY

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.

(816) 969-2218

(816) 347-4339

(816) 347-4316

SANITARY SEWER EXISTING SANITARY SEWER MARKET STREET CENTER nmitcrest Dr TRACT A SW State Route 150 SW State Route 150

INDEX COVER SHEET SANITARY SEWER PLAN & PROFILE **EROSION CONTROL & RESTORATION** SANITARY SEWER DETAILS

SS-5 PAVEMENT DETAILS



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



DATE

151ST STREET NW1/4 159TH STREET VICINITY MAP

SEC. 11-14-23

Know what's below. Call before you dig.

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.

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

SHEET

(816) 969-1800 SANITARY SEWER & WATER (WATER UTILITIES DEPT.) (816)-969-1900 (913) 383-4849-FAX "AS-BUILT" DATED: 9-30-22 BY: SNH

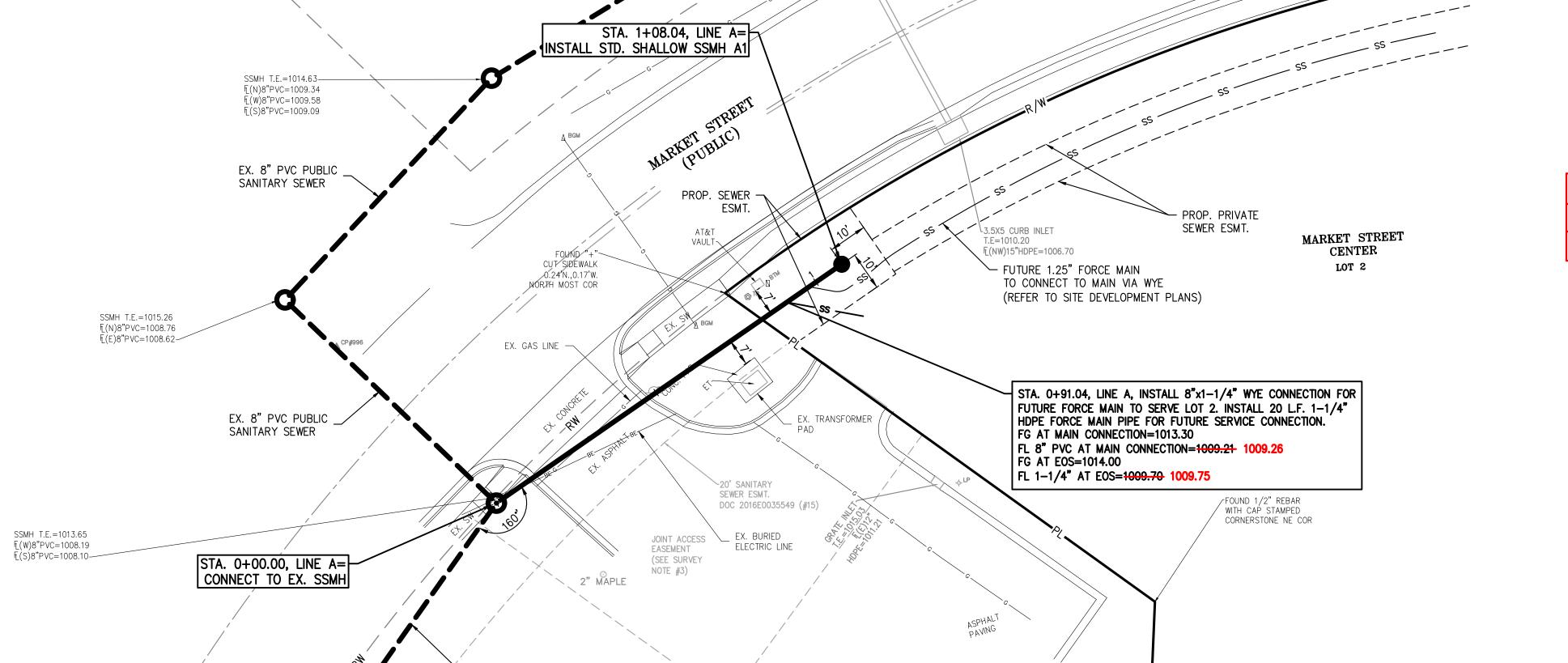
LEGEND OF SYMBOLS

Proposed Sanitary Sewer
Existing Sanitary Sewer

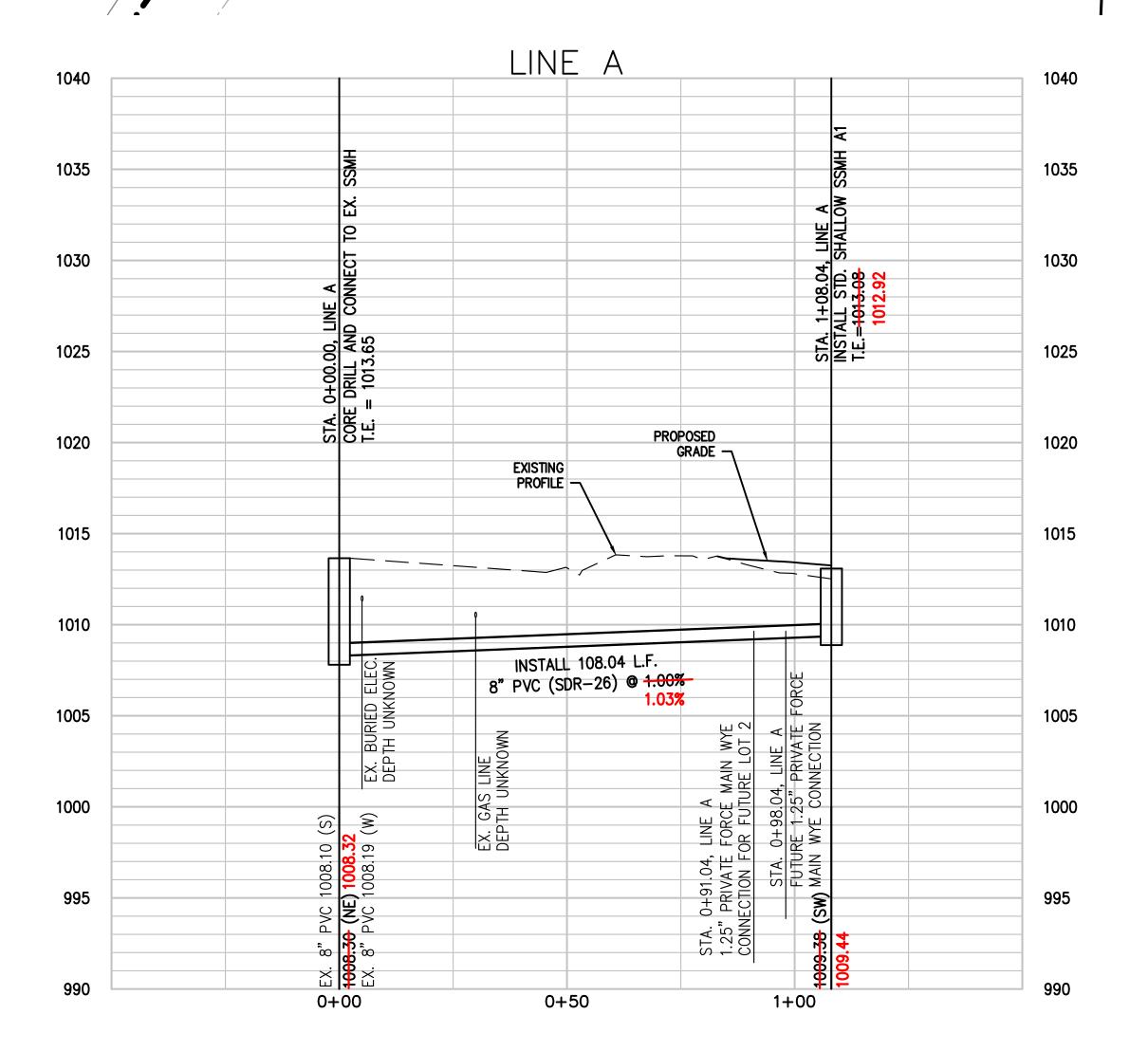


PROFILE

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LOT 1, BLOCK 1, FIRESTONE SW. MARKET STREET

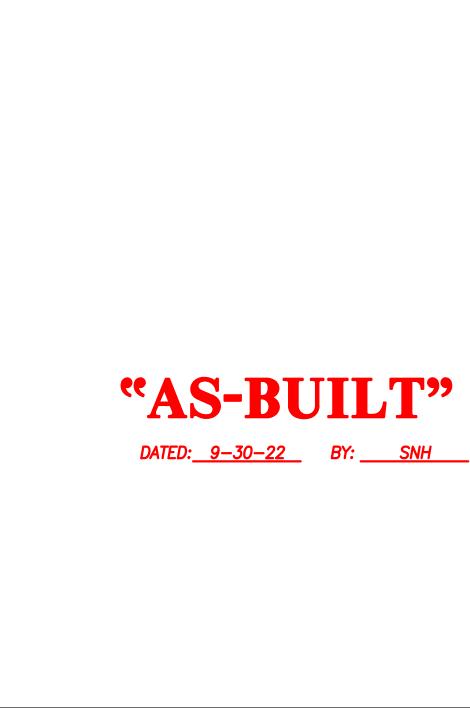


EX. 8" PVC PUBLIC SANITARY SEWER

AS-BUILT MANHOLE COORDINATE TABLE MANHOLE # **EASTING** 978716.162 2823368.630

SCALE: 1"=20' HORIZ.

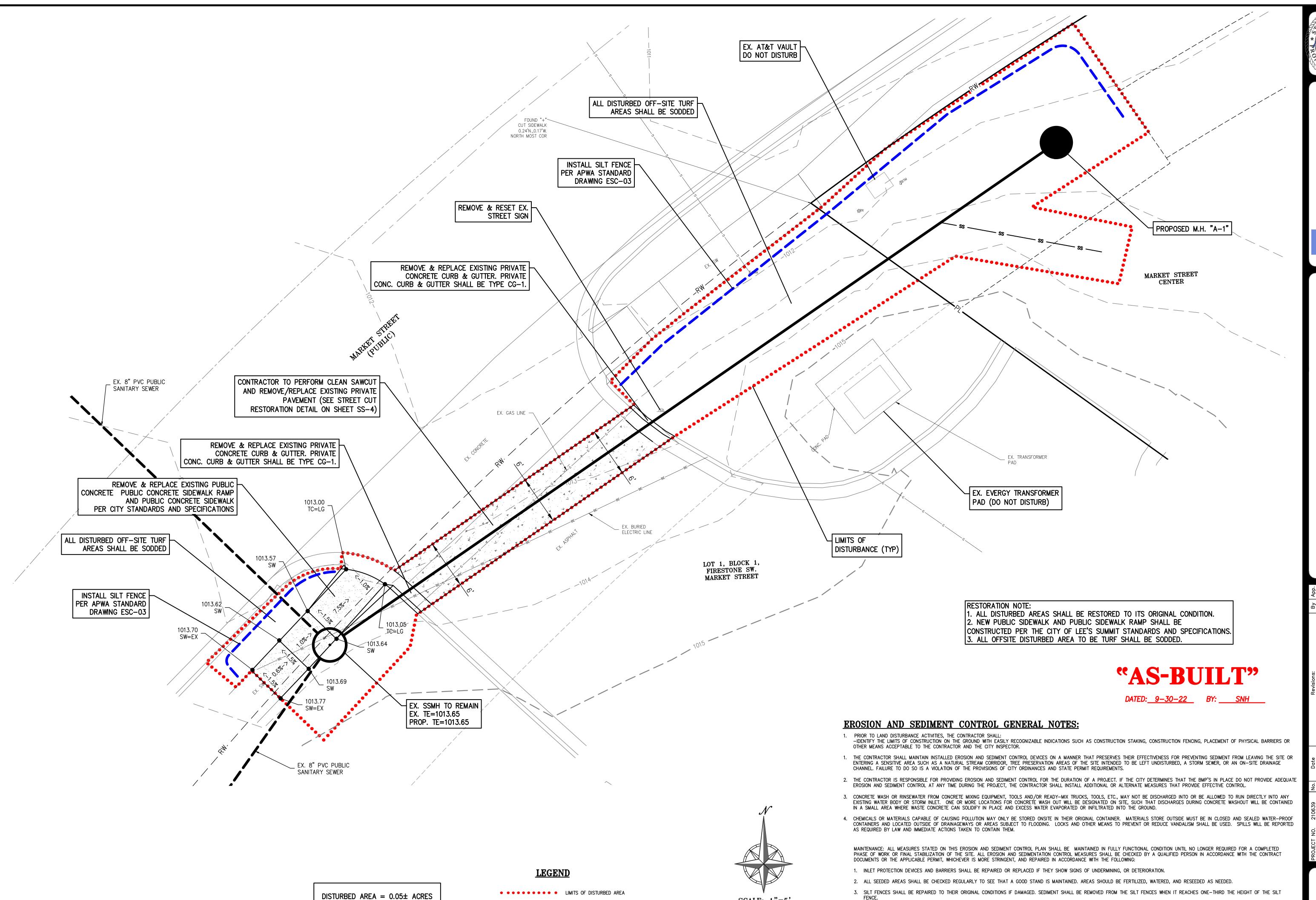
1"= 5' VERT.



MANHOLE CONNECTION NOTE:

1. THE EXISTING MANHOLE WALL SHALL BE CORE DRILLED.

2. A FLEXIBLE PIPE-TO-MANHOLE CONNECTOR SHALL BE INSTALLED AS SHOWN IN THE STANDARD DRAWINGS.



PROPOSED SILT FENCE

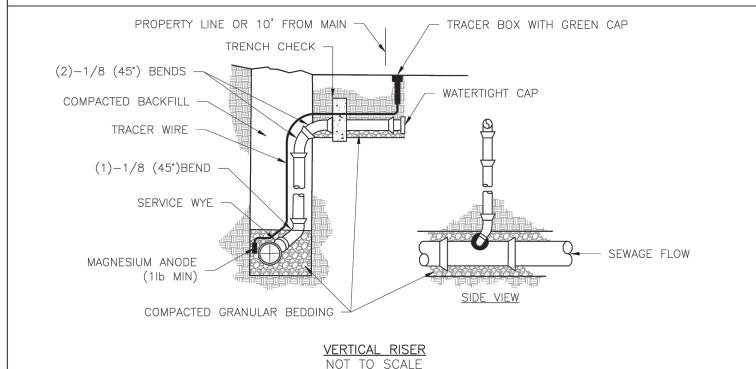
NOL RESTORA

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4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP

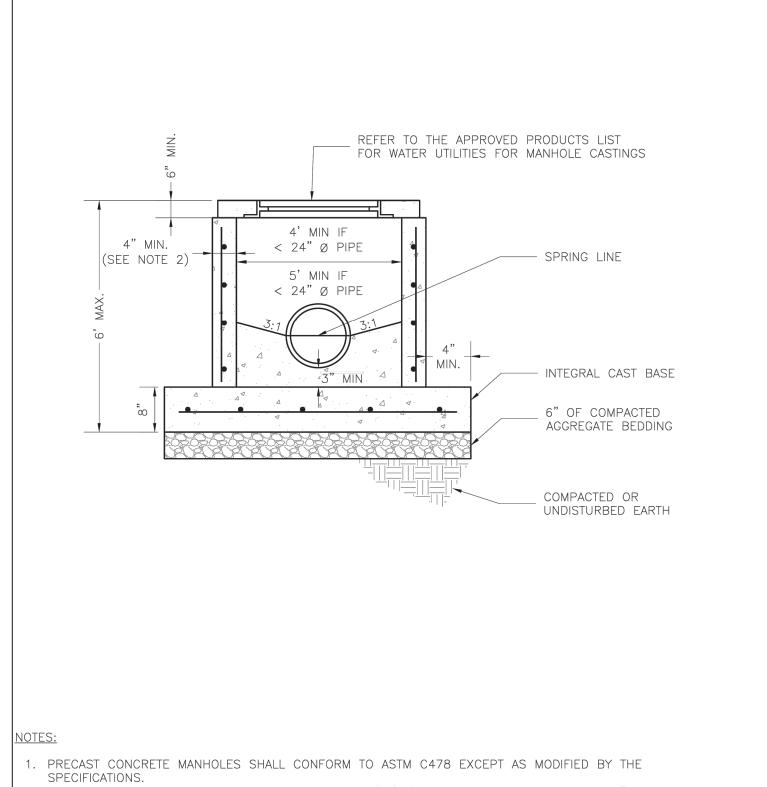
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY

DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.



- . ALL SEWER STUBS SHALL BE CONSTRUCTED TO PROPERTY LINE OR 10' MINIMUM FROM THE MAIN, WHICHEVER IS GREATER. WHERE SIDEWALKS ARE PRESENT, CONTRACTOR SHALL EXTEND SERVICE LINE UNDER EXISTING SIDEWALK TO TWO FEET BEYOND.
- 2. IMPERVIOUS TRENCH CHECKS SHALL BE PLACED ON BUILDING SEWER STUBS (AT LEAST 5' AWAY FROM THE SANITARY SEWER MAIN). 3. TRENCH CHECKS ON THE BUILDING SEWER STUBS SHALL EXTEND 6" BELOW THE BOTTOM OF THE PIPE. LENGTH SHALL BE A MINIMUM OF 12". THE HEIGHT OF THE TRENCH CHECK SHALL EXTEND 12" ABOVE THE TOP OF THE PIPE. THE WIDTH OF THE TRENCH CHECK SHALL BE THE WIDTH OF THE TRENCH.
- 4. SEE SPECIFICATION SECTION 2100 FOR SEWER MAIN BEDDING AND BACKFILL. 5. #12 GAUGE GREEN INSULATED COPPER TRACER WIRE SHALL BE INSTALLED. TRACER WIRE TERMINAL BOXES SHALL BE INSTALLED DIRECTLY ABOVE THE SEWER SERVICE OR AS DETERMINED BY THE ENGINEER. 6. FOR SERVICES, TRACER WIRE SHALL RUN FROM THE WYE AND TERMINATE IN A FLUSH MOUNTED TRACER BOX WITH A GREEN CAST IRON LOCKABLE TOP. WIRE SHALL BE TAPED OR TIED TO THE PIPE AT 5' INTERVALS.
- 7. TRACER WIRE BOX SHALL BE INSTALLED WITHIN 1.0' OF PROPERTY LINE. 8. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. SPLICES IN THE TRACER WIRE SHOULD BE MADE WITH SPLIT BOLT CONNECTORS. WIRE NUTS SHALL NOT BE USED. A WATER-PROOF CONNECTION IS NECESSARY TO PREVENT CORROSION.

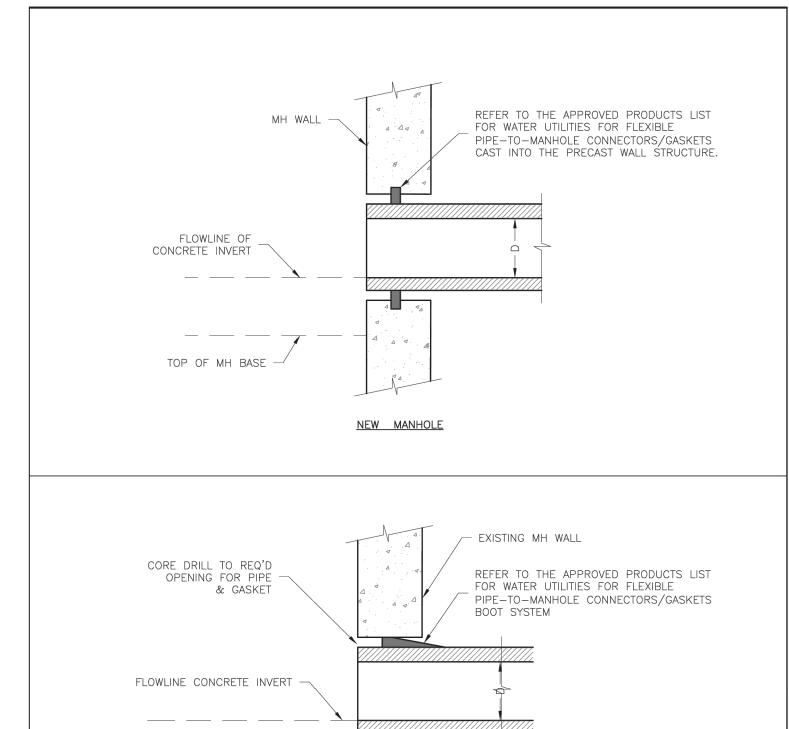
IS	LEE'S SUMMIT	Date: 12/2015
	LEE 9 90 MINIT	Drawn By: MJF
	MISSOURI	Checked By: DL
	PUBLIC WORKS ENGINEERING DIVISION 220 SE GREEN STREET LEE'S SUMMIT, MO 64063	
	SANITARY SEWER STUB DETAIL	SAN-1

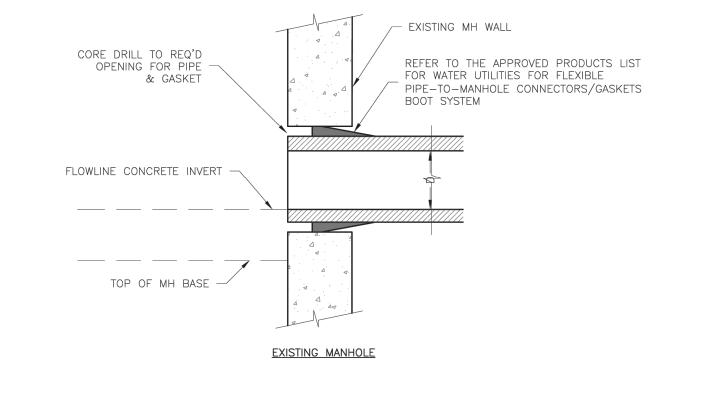


- 2. A WALL THICKNESS NOT LESS THAN ONE-TWELFTH (1/12) OF THE INSIDE DIAMETER OR 4", WHICHEVER IS GREATER SHALL BE USED. . WATERPROOFING SHALL BE REQUIRED ON THE OUTSIDE OF MANHOLES. THE WATERPROOFING SHALL
- CONSIST OF A TOTAL DRY FILM THICKNESS OF NOT LESS THEN 14 MILS OF BITUMINOUS COATING. 4. THE FILL CONCRETE FLOW CHANNEL FOR SIDE BRANCHES SHALL BE PLACED TO PROVIDE A SMOOTH
- TRANSITION INTO THE FLOW LINE.

5.	REFER TO THE	APPROVED	PRODUCTS	LIST FOR	WATER UTII	LITIES FOR	MANHOLE	GASKET N	ИODELS.	
6.	PROVIDE STEPS	S AS SHOWN	ON THE A	PPROVED	PRODUCTS	LIST FOR	MANHOLE [DEPTHS G	REATER T	THAN

LEE'S SUMMIT	Date: 12/2015
LEE 3 30 MINIT	Drawn By: MJF
MISSOURI	Checked By: DL
PUBLIC WORKS ENGINEERING DIVISION 220 SE GREEN STREET LEE'S SUMMIT, MO 64063	
STANDARD SHALLOW SANITARY PRECAST MANHOLE	SAN-3
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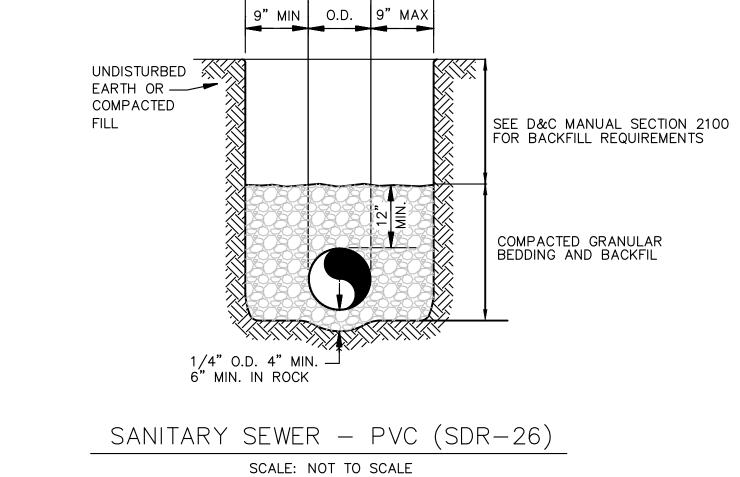




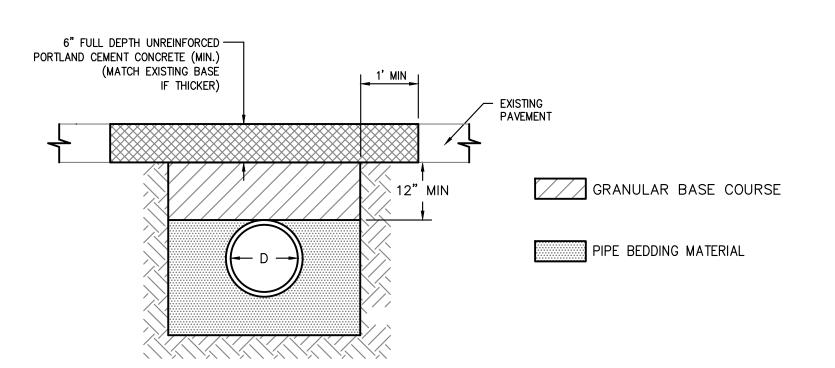
	LEE'S SUMMIT	Date: 02/2013
LS	LEE 9 30 MININI	Drawn By: MJF
	MISSOURI	Checked By: DL
	PUBLIC WORKS ENGINEERING DIVISION 220 SE GREEN STREET LEE'S SUMMIT, MO 64063	
	MANHOLE WALL CONNECTION	SAN-5

"AS-BUILT"

DATED: 9-30-22 BY: SNH

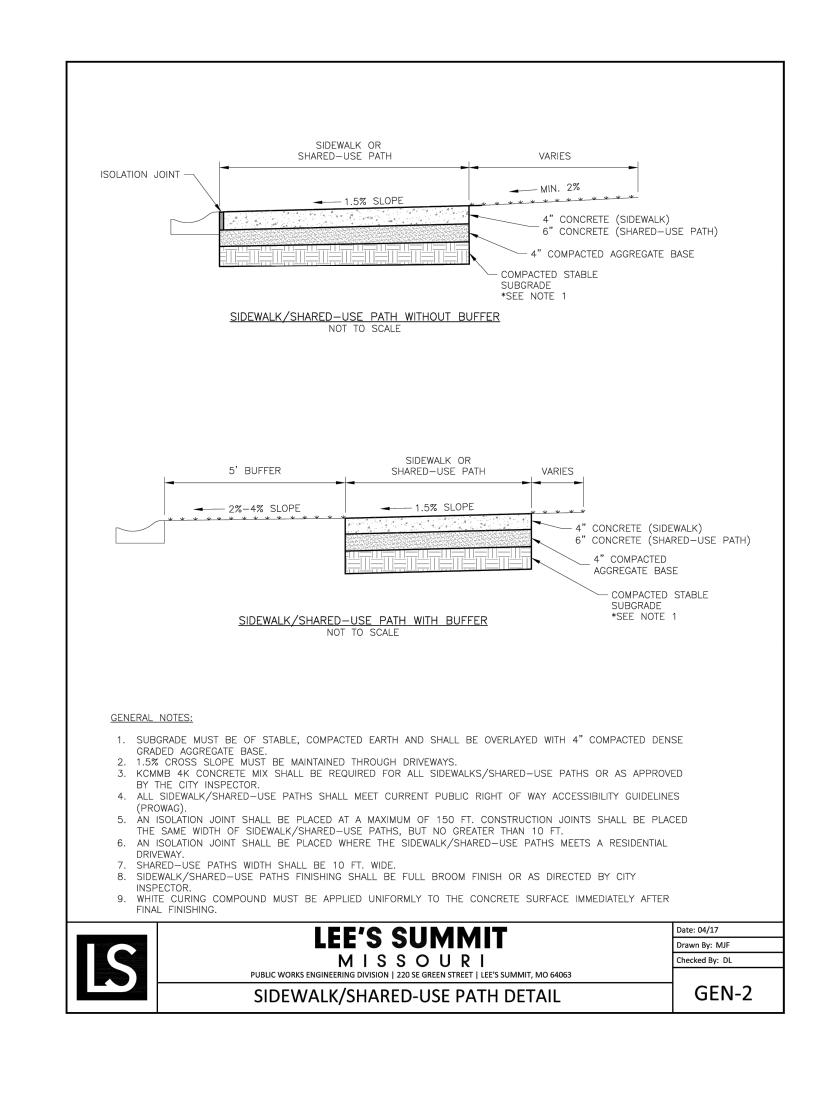


PIPE INSTALLATION DETAIL



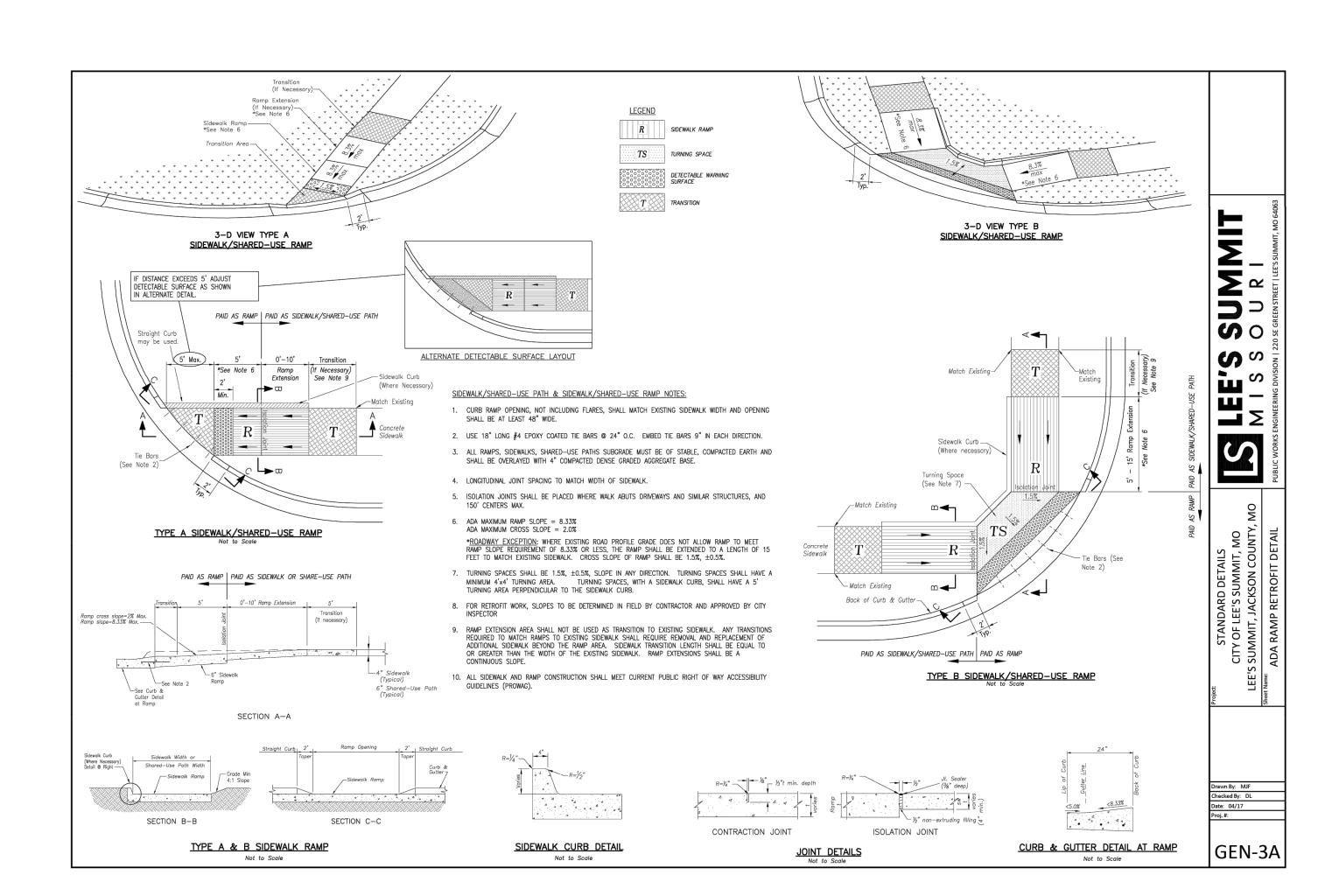
STREET CUT RESTORATION DETAIL

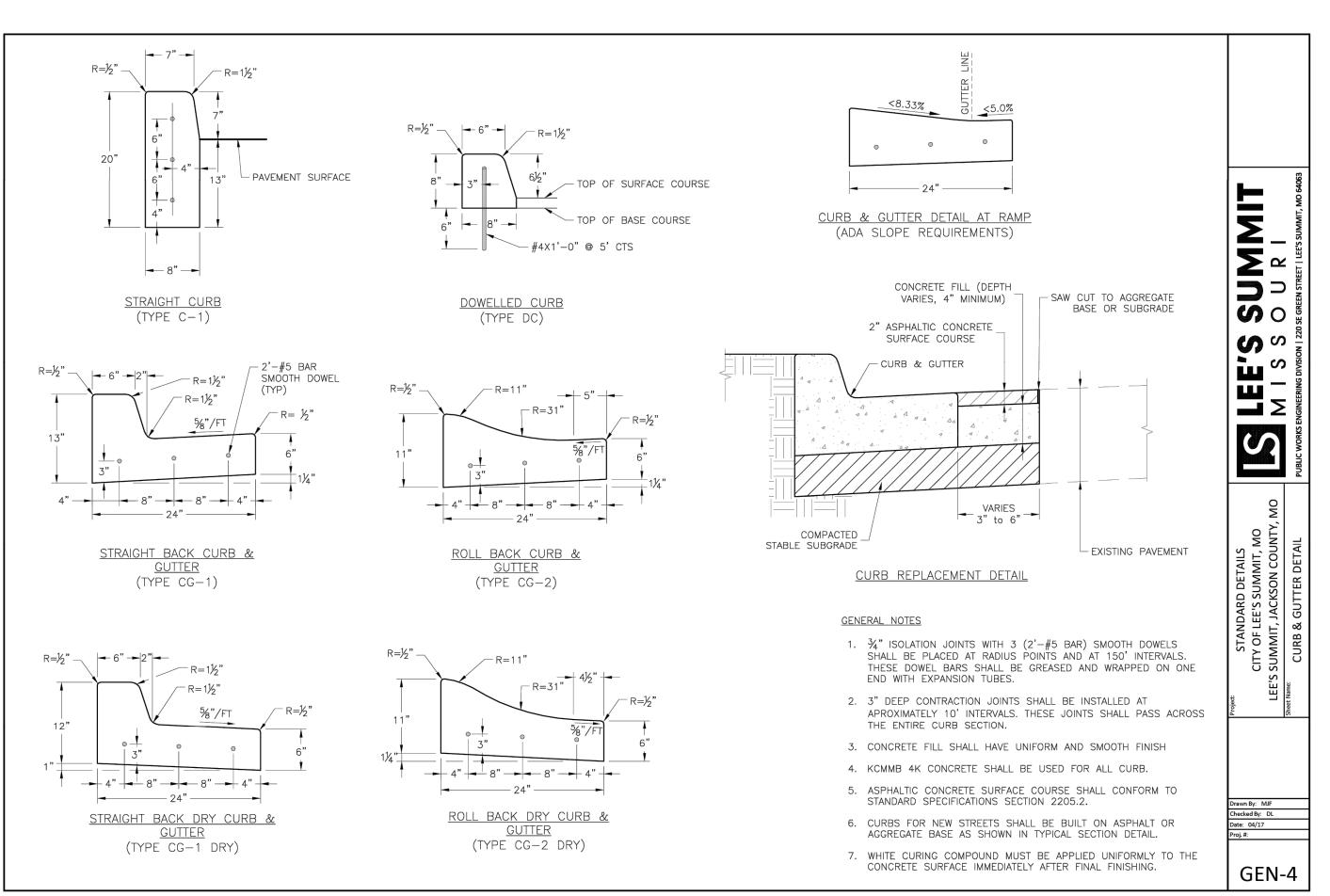
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DATED: 9-30-22 BY: SNH







1270 N. Winchester
1270 N. Winchester
Olathe, Kansas 66061
(913) 393-1155
Fax (913) 393-1166

PLANNING CIA

PLANNING

ET CENTER
ARKET STREET

MARKET STREET C M291 AND SW MARKE

Date Revisions: By App.
05–10–22 REVISED PER CITY COMMENTS SNH DAF
09–30–22 AS–BUILT SNH DAF

SHEET

SS-5