

# SANITARY SEWER PLANS

## FOR

# LOT 13A OF WEST PRYOR

### LEE'S SUMMIT

**UTILITIES**  
 Electric Service  
 EVERGY  
 Nathan Michael  
 913-347-4310  
 Nathan.michael@kcpl.com

Gas Service  
 Spire  
 Katie Darnell  
 816-969-2247  
 Katie.darnell@spireenergy.com

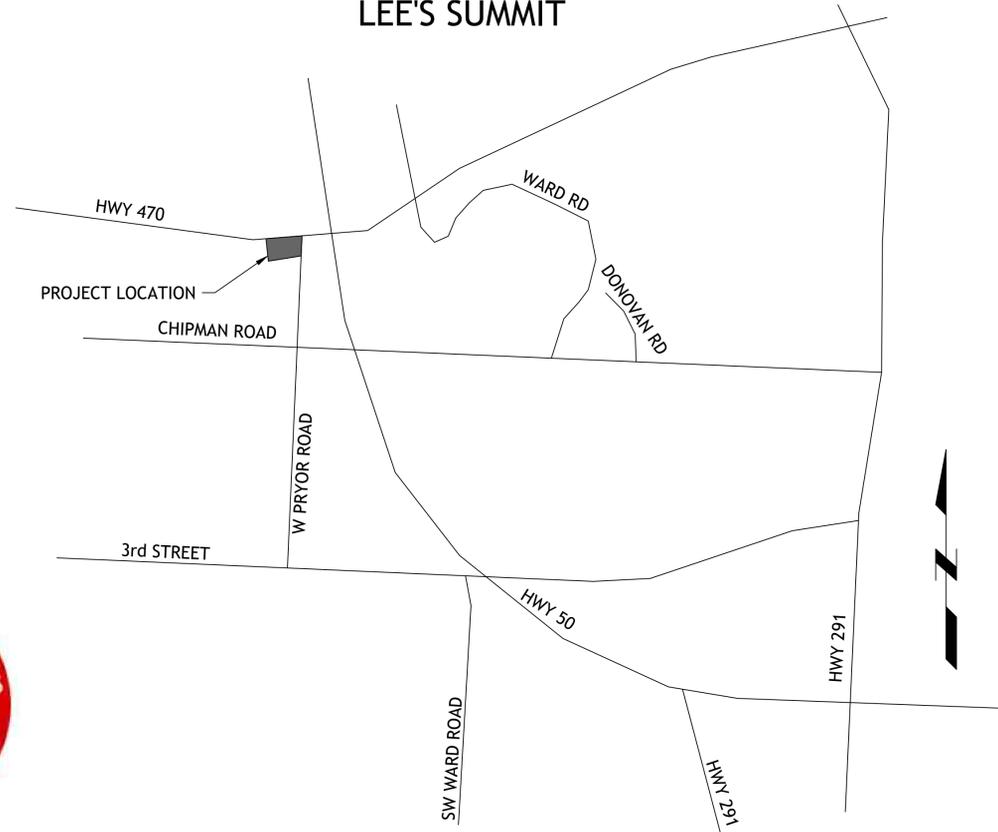
Water/Sanitary Sewer  
 Water Utilities Department  
 1200 SE Hamblen Road  
 Lee's Summit, Mo 64081  
 Jeff Thorn  
 816-969-1900  
 jeff.thorn@cityofls.net

Communication Service  
 AT&T Carrie Cilke  
 816-703-4386  
 cc3527@att.com

Time Warner Cable  
 Steve Baxter  
 913-643-1928  
 steve.baxter@charter.com

Comcast  
 Ryan Alkire  
 816-795-2218  
 ryan.alkire@cable.comcast.com

Google Fiber  
 Becky Davis  
 913-725-8745  
 rebeccadavis@google.com



LOCATION MAP

**LEGAL DESCRIPTION:**  
 LOT 13A, STREETS OF WEST PRYOR, LEE'S SUMMIT, JACKSON COUNTY MISSOURI

**BENCHMARKS:**  
 #1 CHISELED "SQUARE" ON TOP OF CURB POINT OF INTERSECTION OF WEST PARK PARKING LOT AT EAST DRIVE ENTRANCE  
 ELEVATION 985.05

#2 CHISELED "SQUARE" ON NORTHWEST CORNER AREA INLET, 25' EAST OF CURB LINE AND ON-LINE WITH SOUTH CURB OF LOWENSTEIN DRIVE AT 90° BEND IN ROAD  
 ELEVATION 971.06

- NOTE**
- ALL CONSTRUCTION SHALL FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813. WHERE DISCREPANCIES EXIST BETWEEN THESE PLANS AND THE DESIGN AND CONSTRUCTION MANUAL, THE MORE STRINGENT SHALL PREVAIL.
  - THERE ARE NO GAS/OIL WELLS PER MDNR DATABASE OF OIL & GAS PERMITS
  - SITE IS LOCATED WITHIN FEMA ZONE X, AREAS OF MINIMAL FLOODING PER FEMA 29095C0416G DATED 1-20-17.

**INDEX OF SHEETS**

- C-1 COVER SHEET
- C-2 EXISTING CONDITIONS
- C-3 SITE PLAN
- C-4 SANITARY LINE A PLAN AND PROFILE
- C-5 DETAILS
- C-6 DETAILS

SM Engineering  
**SME**  
 5507 High Meadow Circle  
 Manhattan Kansas, 66503  
 smcivilengr@gmail.com  
 785.341.9747

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Revisions

**UTILITY STATEMENT:**

THE UNDERGROUND UTILITIES SHOWN HEREON ARE FROM FIELD SURVEY INFORMATION OF ONE-CALL LOCATED UTILITIES, FIELD SURVEY INFORMATION OF ABOVE GROUND OBSERVABLE EVIDENCE, AND/OR THE SCALING AND PLOTTING OF EXISTING UTILITY MAPS AND DRAWINGS AVAILABLE TO THE SURVEYOR AT THE TIME OF SURVEY. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHERMORE, THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES BY EXCAVATION UNLESS OTHERWISE NOTED ON THIS SURVEY.

**SAFETY NOTICE TO CONTRACTOR**  
 IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICE, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

**WARRANTY/DISCLAIMER**

THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER SM ENGINEERING NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED, EXCEPT IN THE SPECIFIC CASES WHERE SM ENGINEERING PERSONNEL INSPECT AND CONTROL THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

**CAUTION- NOTICE TO CONTRACTOR**

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICTS PRIOR TO ANY CONSTRUCTION.

**DEVELOPER**  
 STREETS OF WEST PRYOR, LLC  
 DAVID N. OLSON  
 7200 W 133rd ST, SUITE 150  
 CELL: OVERLAND PARK, KS 66213  
 314-413-3598

**ENGINEER**  
 SM ENGINEERING  
 5507 High Meadow Circle  
 Manhattan Kansas, 66503  
 smcivilengr@gmail.com  
 785.341.9747

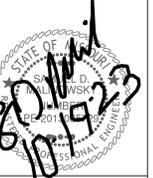


SAMUEL D. MALINOWSKY  
 PROFESSIONAL ENGINEER

LOT 13A OF  
 WEST PRYOR  
 LEE'S SUMMIT, MISSOURI

sheet  
**C1.0**  
 Civil  
 COVER SHEET  
 permit  
 19 OCTOBER 2023

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Revisions



**LOT 13A OF  
WEST PRYOR**  
LEES SUMMIT, MISSOURI

sheet

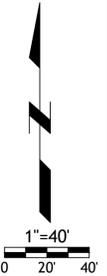
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Civil

EXISTING CONDITIONS

permit

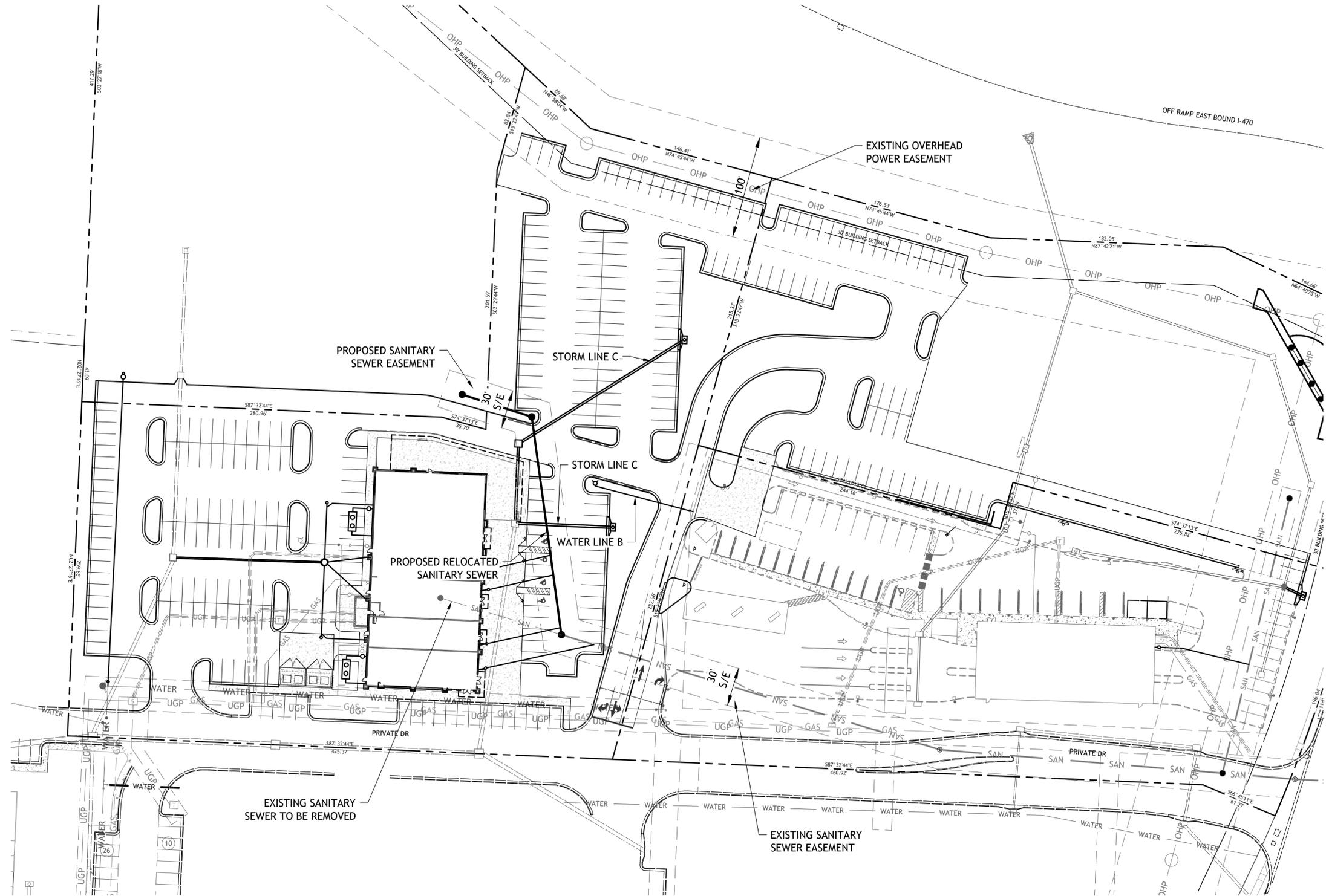
19 OCTOBER 2023



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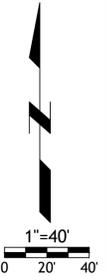


Revisions



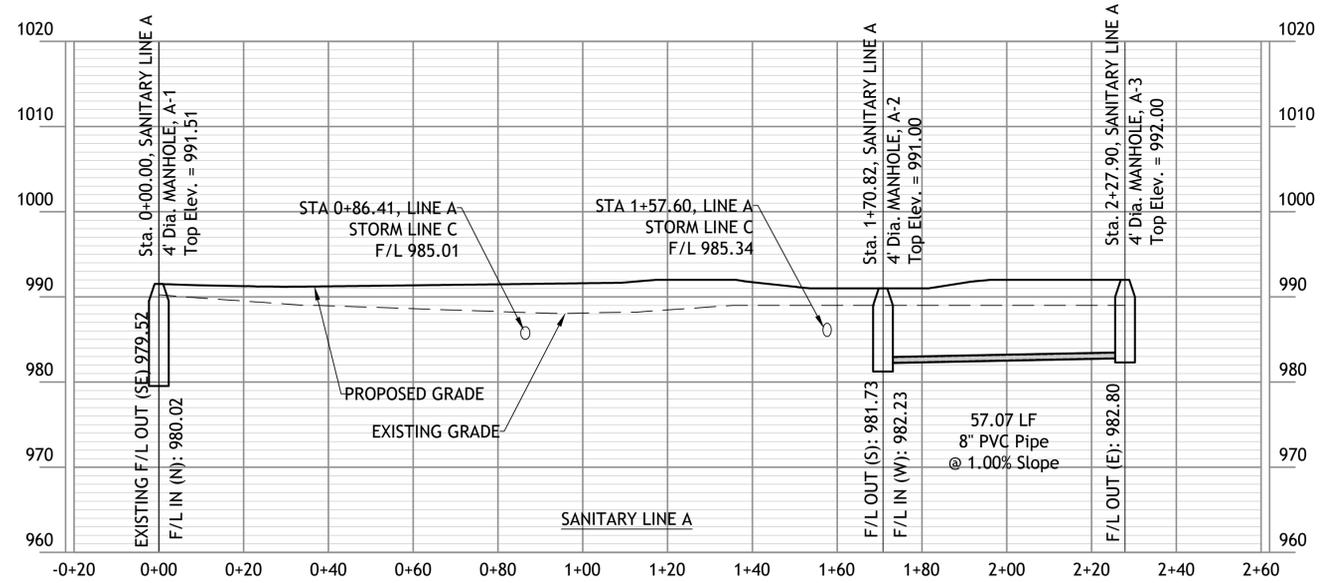
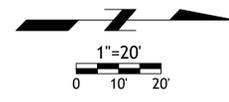
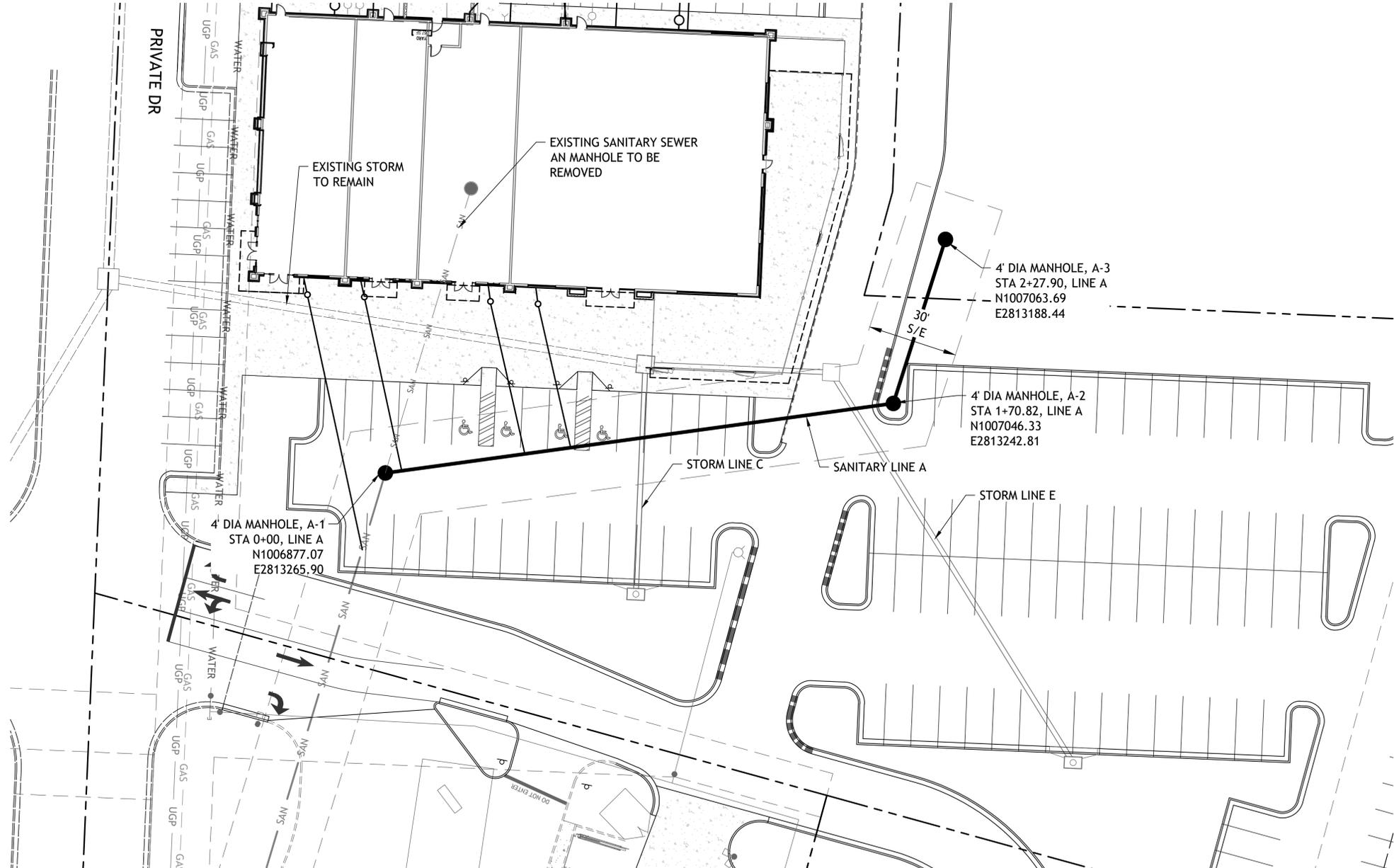
NOTE  
EROSION CONTROL MEASURES  
ARE INCLUDED IN LOT 13 FINAL  
DEVELOPMENT PLANS

LOT 13A OF  
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Revisions



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Revisions

1-1/2" LETTERS EQUALLY SPACED

3" LETTERS EQUALLY PLACED

24"

1'-9 3/8"

1 1/2"

STANDARD 24" MANHOLE COVER  
MINIMUM WEIGHT = 160 LB  
NOTE: PICK HOLES NOT SHOWN

\*COVER AND FRAME MODEL INFORMATION REFER TO THE STORMWATER APPROVED PRODUCT LIST.

<b>LS</b>	<b>LEE'S SUMMIT MISSOURI</b>	Date: 04/17
	PUBLIC WORKS ENGINEERING DIVISION   220 SE GREEN STREET   LEE'S SUMMIT, MO 64063	Drawn By: MJF
	STORM MANHOLE COVER DETAIL	Checked By: DL

STM-6

2'-0 5/16"

1'-10 9/16"

2 3/4"

1 1/2"

SLAB MANHOLE FRAME  
LEE'S SUMMIT PART NO.: LS103A  
MINIMUM WEIGHT = 145 LB

2'-0 5/16"

1'-10 9/16"

1 1/2"

8 5/8"

2'-9 1/2"

STANDARD 24" MANHOLE FRAME  
LEE'S SUMMIT PART NO.: LS101A  
MINIMUM WEIGHT = 250 LB

\*COVER AND FRAME MODEL INFORMATION REFER TO THE STORMWATER APPROVED PRODUCTS LIST.

<b>LS</b>	<b>LEE'S SUMMIT MISSOURI</b>	Date: 04/17
	PUBLIC WORKS ENGINEERING DIVISION   220 SE GREEN STREET   LEE'S SUMMIT, MO 64063	Drawn By: MJF
	STORM MANHOLE FRAME DETAIL	Checked By: DL

STM-7

EXISTING PAVEMENT

2" ASPHALT CAP \*SEE NOTE 1

CONCRETE-KCMBB 4K FULL DEPTH \*SEE NOTE 1

8" MIN.

t=THICKNESS OF EXISTING PAVEMENT

D= DEPTH OF PATCH  
D= t+1" OR 8" WHICHEVER IS GREATER

12" MIN.

12" MIN.

CONCRETE-KCMBB 4K 6" MIN.

SEE D&C MANUAL SECTION 2100 FOR BACKFILL REQUIREMENTS

TRENCHING/PATCHING DETAIL  
NOT TO SCALE

NOTE:  
1. ASPHALT CAP OR FULL DEPTH CONCRETE SHALL BE DETERMINED BY CITY INSPECTOR.

<b>LS</b>	<b>LEE'S SUMMIT MISSOURI</b>	Date: 04/17
	PUBLIC WORKS ENGINEERING DIVISION   220 SE GREEN STREET   LEE'S SUMMIT, MO 64063	Drawn By: MJF
	TRENCHING/PATCHING ROADWAYS DETAIL	Checked By: DL

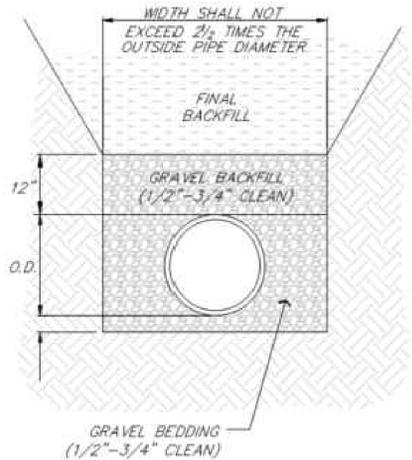
GEN-5

**BEDDING**  
1/2"-3/4" CLEAN AGGREGATE, HAND TAMPED OR MECHANICALLY COMPACTED IN MAX. 4" LIFTS

**INITIAL BACKFILL**  
-UNDER PAVED AREAS OR WITHIN 4" HORIZONTAL OF PAVED AREAS  
1/2"-3/4" CLEAN AGGREGATE, HAND TAMPED OR MECHANICALLY COMPACTED IN MAX. 4" LIFTS  
-UNDER OPEN AREAS  
1/2"-3/4" CLEAN AGGREGATE, HAND TAMPED OR MECHANICALLY COMPACTED IN MAX. 4" LIFTS

**FINAL BACKFILL**  
-UNDER PAVED AREAS OR WITHIN 4" HORIZONTAL OF PAVED AREAS  
ON-SITE OR IMPORTED MATERIAL FREE OF MUCK, FROZEN MATERIAL, EXCESS MOISTURE, ORGANICS, TOPSOIL, RUBBISH, CONSTRUCTION DEBRIS, ROCK OR BRICK LARGER THAN 8", COMPACTED TO 95% OF STANDARD DENSITY PER ASTM D-698  
-UNDER OPEN AREAS  
ON-SITE OR IMPORTED MATERIAL FREE OF MUCK, FROZEN MATERIAL, EXCESS MOISTURE, ORGANICS, TOPSOIL, RUBBISH, CONSTRUCTION DEBRIS, ROCK OR BRICK LARGER THAN 8", COMPACTED TO 90% OF STANDARD DENSITY PER ASTM D-698

BEDDING DEPTH BELOW PIPE		
PIPE DIAMETER	IN SOIL	IN ROCK
24" AND LESS	4"	6"
27" THRU 60"	4"	9"



**PIPE BEDDING DETAIL**  
NOT TO SCALE

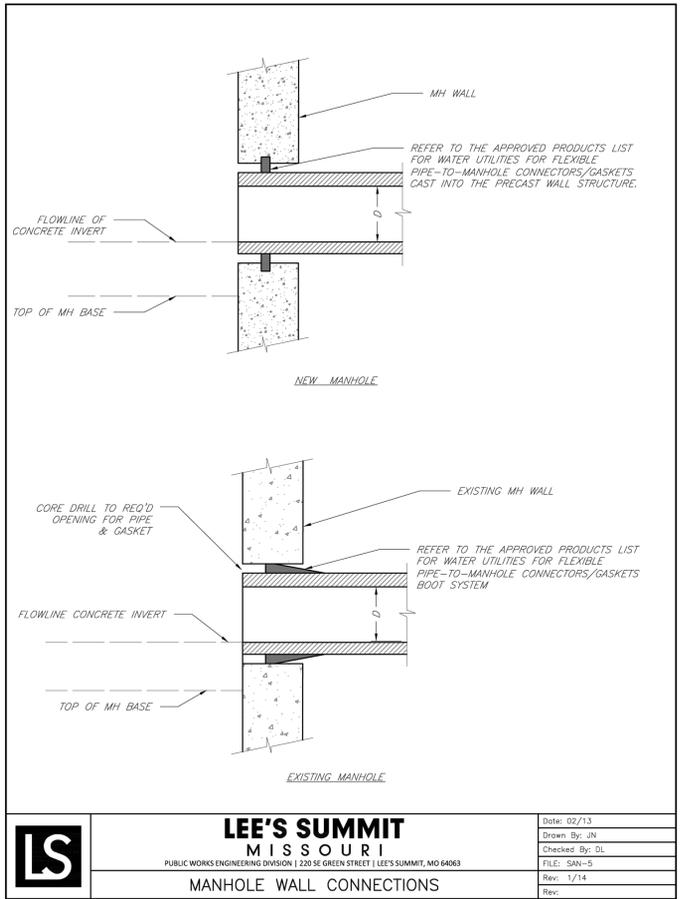
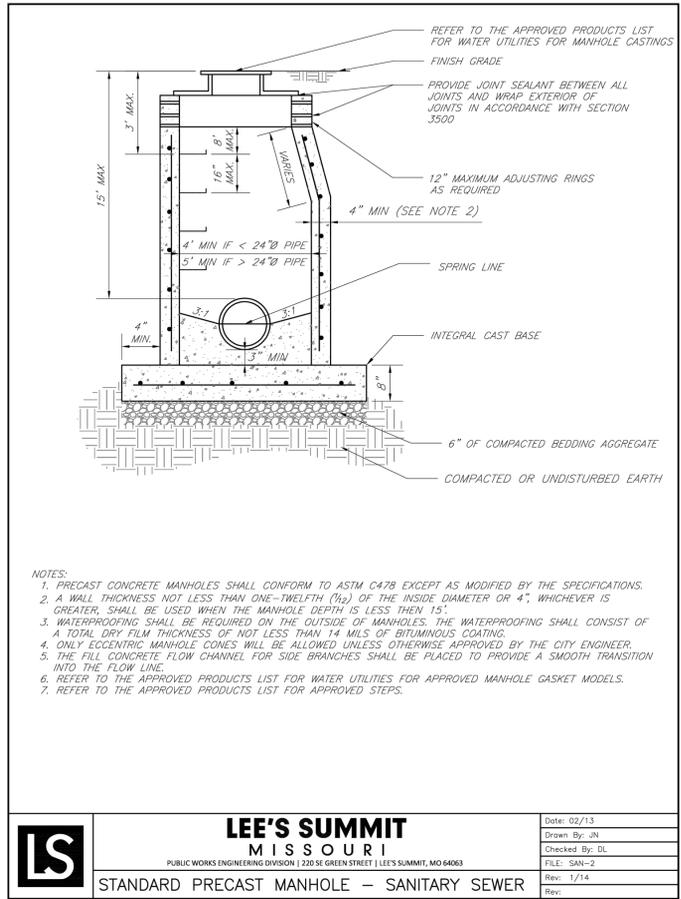
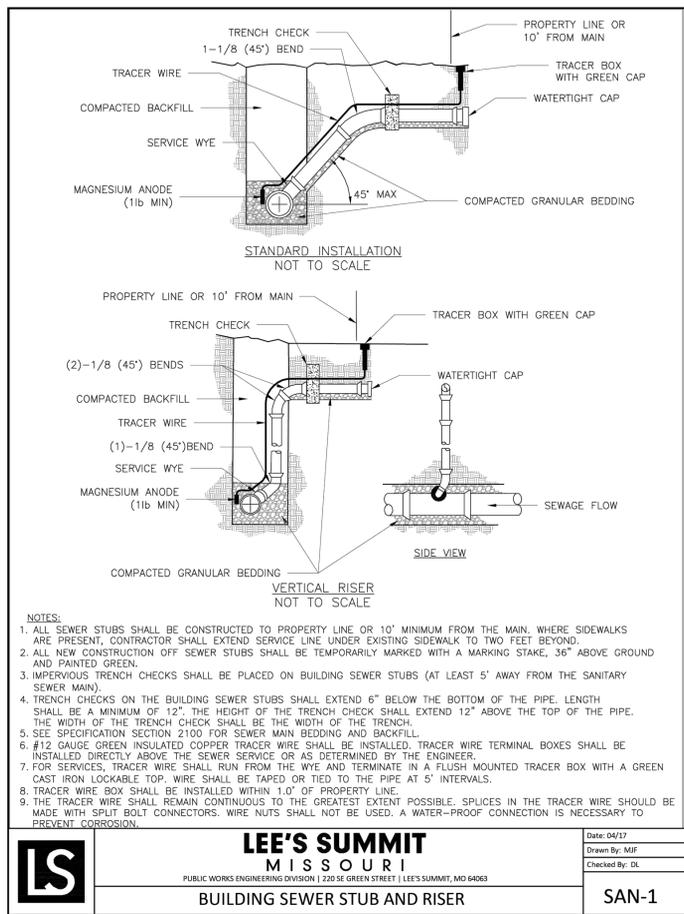
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