THE RIDGE AT WINTERSET SUMMIT

LOTS 1601-1605 SANITARY SEWER CONSTRUCTION PLANS

Part of Section 2 & 3, Township 47 North, Range 32 West

Lee's Summit, Jackson County, Missouri

Accepted **Record Drawings**

These plans have been reviewed for accuracy and are accepted for basic conformance to the approved construction drawings.

CONSTRUCTION AND DESIGN NOTES:

3. THE CONTRACTOR SHALL MAINTAIN A LOG OF THE "AS BUILT" STATION AND LENGTH OF EACH HOUSE LATERAL AND SHALL PROVIDE ENGINEERING

5. FILL AREAS SHALL HAVE 18" OF COMPACTED FILL IN PLACE PRIOR TO TRENCHING

6. A TRENCH CHECK CONSISTING OF FLOWABLE FILL MUST BE INSTALLED ON EVERY PRIVATE LATERAL

GENERAL NOTE:

1 ~ ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813. 2 ~ TRENCH CHECKS SHALL BE INSTALL AT ALL SANITARY WYES LOCATION.

OIL - GAS WELLS

ACCORDING TO EDWARD ALTON MAY JR'S ENVIRONMENTAL IMPACT STUDY OF ABANDONED OIL AND GAS WELLS IN LEE'S SUMMIT, MISSOURI IN 1995, THERE ARE NOT OIL AND GAS WELLS WITHIN 185 FEET OF THE PROPERTY AS SURVEYED HEREON.

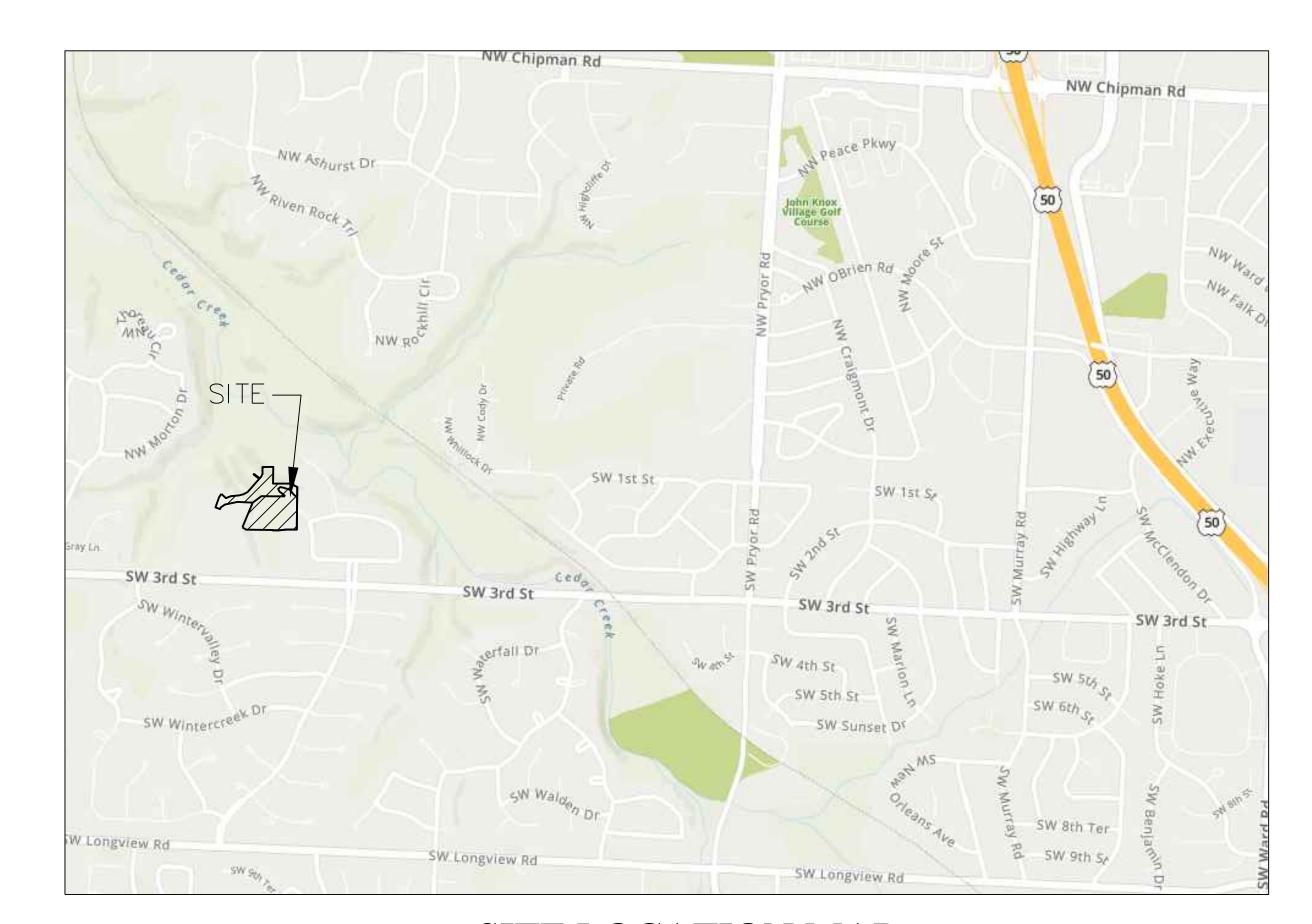
FLOOD INFORMATION:

The property is located in Zone "X" areas outside the 100 year flood plain per FEMA Map 29095C0416G, dated January 20, 2017

UTILITY COMPANIES:

CITY OF LEE'S SUMMIT WATER UTILITIES ~ 969-1900 MISSOURI ONE CALL (DIG RITE) ~ 1-800-344-7483

THE FOLLOWING LIST OF UTILITY COMPANIES IS PROVIDED FOR INFORMATION ONLY. WE DO NOT OFFER ANY GUARANTEE OR WARRANTY THAT THIS LIST IS COMPLETE OR ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES THAT MAY BE AFFECTED BY THE PROPOSED CONSTRUCTION AND VERIFYING THE ACTUAL LOCATION OF EACH UTILITY LINE. THE CONTRACTOR SHALL NOTIFY ENGINEERING SOLUTIONS AT 816.623.9888 OF ANY CONFLICT WITH PROPOSED IMPROVEMENTS. EVERGY ~ 298-1196 MISSOURI GAS ENERGY ~ 756-5261 SOUTHWESTERN BELL TELEPHONE ~ 761-5011 COMCAST CABLE ~ 795-1100 WILLIAMS PIPELINE ~ 422-6300 CITY OF LEE'S SUMMIT PUBLIC WORKS ~ 969-1800 CITY OF LEE'S SUMMIT DEVELOPMENT ENGINEERING INSPECTION AT 816.969.1200



SITE LOCATION MAP

INDEX OF SHEETS:

C.400 ~ SANITARY SEWER COVER SHEET C.401 ~ SANITARY SEWER GENERAL LAYOUT C.402 ~ SANITARY SEWER PLAN & PROFILE C.403 ~ SANITARY SEWER DETAILS

Summary of Quantities:

ITEM AND DESCRIPTION	UNIT	ESTIMATED QUANTITY
SANITARY		
4" PVC SDR 26 Service Line	LF	218.95
8" PVC SDR 26	LF	709.04
4' DIA Manhole	EA	6.00
PIPE ANCHORS	LS	4.00
TEES, BENDS, WYES	LS	5.00
CONNECTION TO EXISTING SANITARY SEWER	LS	1.00
TRACER WIRE AND FOUIPMENT	I F	709.04

C/A - COMMON AREA DRAINAGE EASEMEN FND. – FOUND L/E - LANDSCAPE EASEMENT L.N.A. - LIMITS OF NO ACCESS RIGHT OF WAY SAN - SANITARY SEWER LINE S/W - SIDEWALK UTILITY EASEMENT WATER LINE

STORM SEWER LINE

ENGINEER'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS PROJECT HAS BEEN DESIGNED AND THESE PLANS PREPARED IN ACCORDANCE WITH THE CURRENT DESIGN CRITERIA OF THE CITY OF LEE'S SUMMIT, MISSOURI AND THE STATE OF MISSOURI. I FURTHER CERTIFY THAT THESE PLANS WERE DESIGNED IN ACCORDANCE TO AASHTO STANDARDS.

CITY OF LEE'S SUMMIT, MISSOURI

AP	PROVED:	DATE:	
ВУ	:	-R	

RECORD DRAWING The information provided on this drawing conforms to construction records; it is not intended for construction, implementation or recording purposes; and it is solely based on information obtained by my firm.

"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.

Certified by: Matthew J. Schlicht Title: Engineer_ Firm: Engineering Solutions

Matthew J. Schlicht MO PE 2006019708 KS PE 19071 OK PE 25226 REVISIONS 1/28/2022 As-Built

C.400



GRAPHIC SCALE

SANITARY PLAN & PROFILE

1 ~ ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION

Accepted **Record Drawings**

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Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma Engineering 6254 Nebraska

Engineering CA2821

The Ridge are 's Summit, J



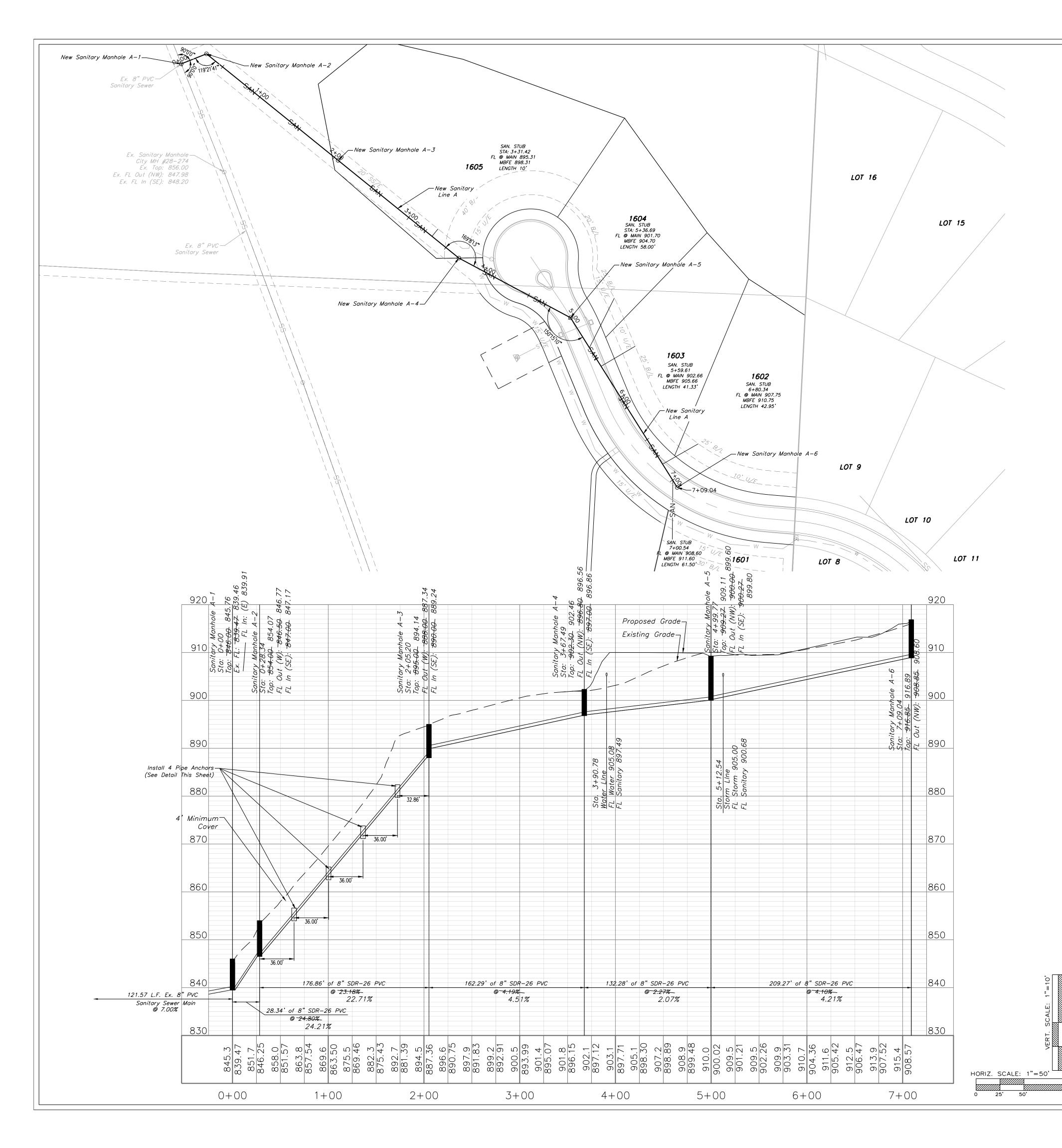
Matthew J. Schlicht MO PE 2006019708 KS PE 19071 OK PE 25226

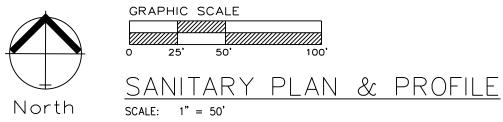
REVISIONS

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RECORD DRAWING

C.401





2 ~ TRENCH CHECKS SHALL BE INSTALL AT ALL SANITARY WYES LOCATION.

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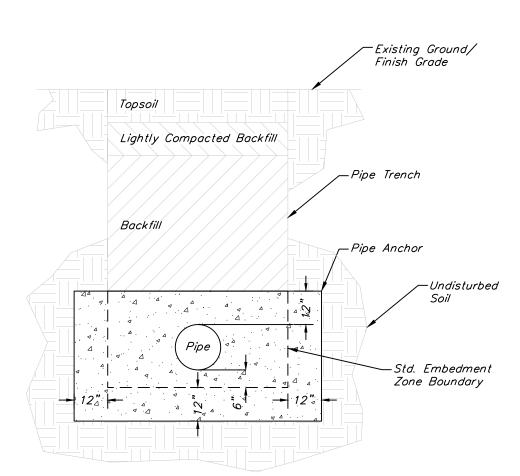
NOTE:

Pipe Anchors

a. A minimum number of pipe anchors shall be provided in accordance with the following table. Conditions may require additional anchors as determined by the Design Engineer.

Percent of Grade	Center to Center Max. Spacing (ft)
$20 \le \text{Slope} < 35$	36
35 ≤ Slope <50	24
50 ≤ Slope	16

- b. The pipe anchor shall extend not less than 1 foot into undisturbed earth on the sides and bottom and 1 foot above top of pipe. In incompressible material, the above dimensions may be 6 inches each side and bottom. The anchor shall support a joint
- C. Pipe anchors shall have a minimum 12 inch thickness.
- D. Concrete for pipe anchors shall comply with a 4,500 psi MCIB Mix.
- E. Pipe anchor concrete may be plain, no reinforcement required.



PIPE ANCHOR DETAIL

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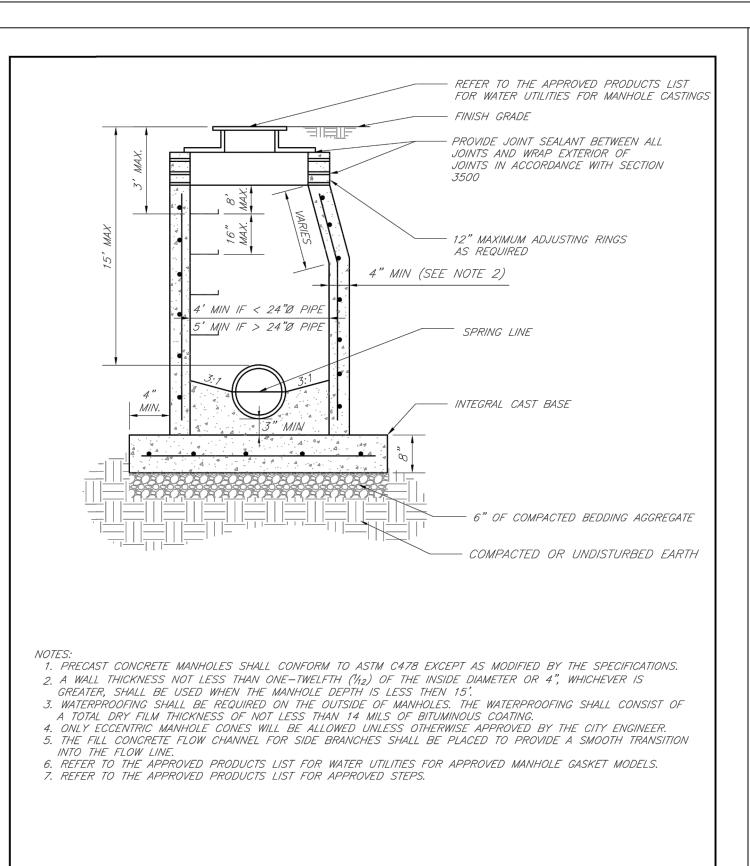
The Ridge 's Summit, J

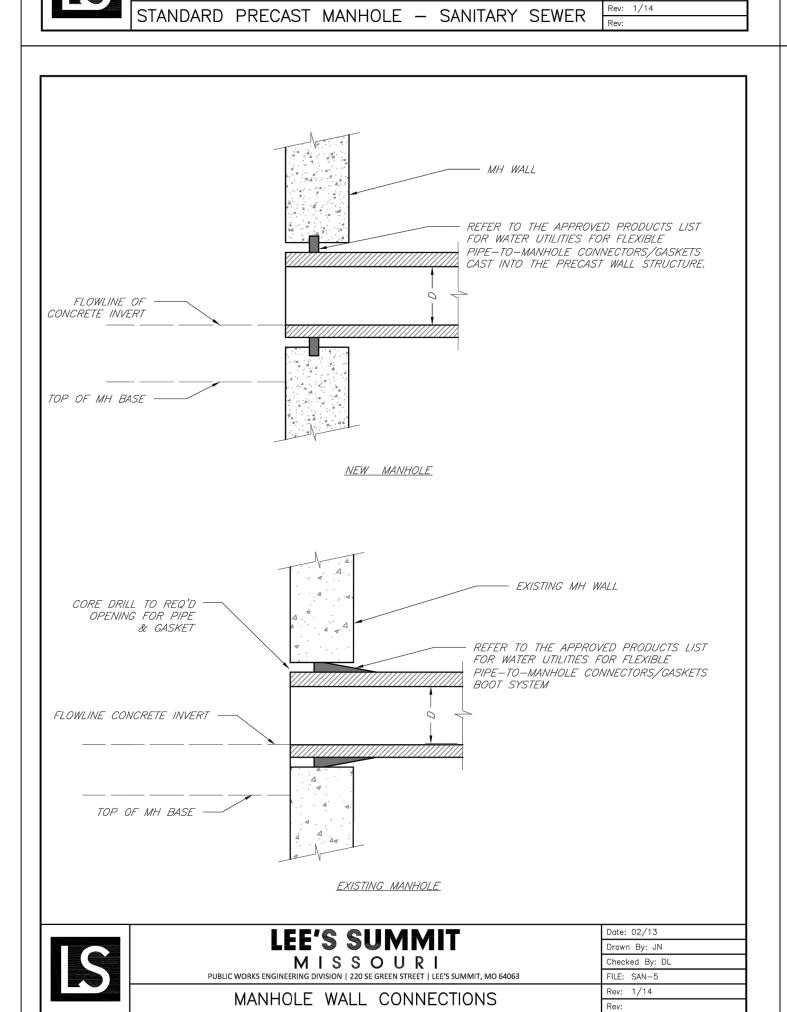


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C.402

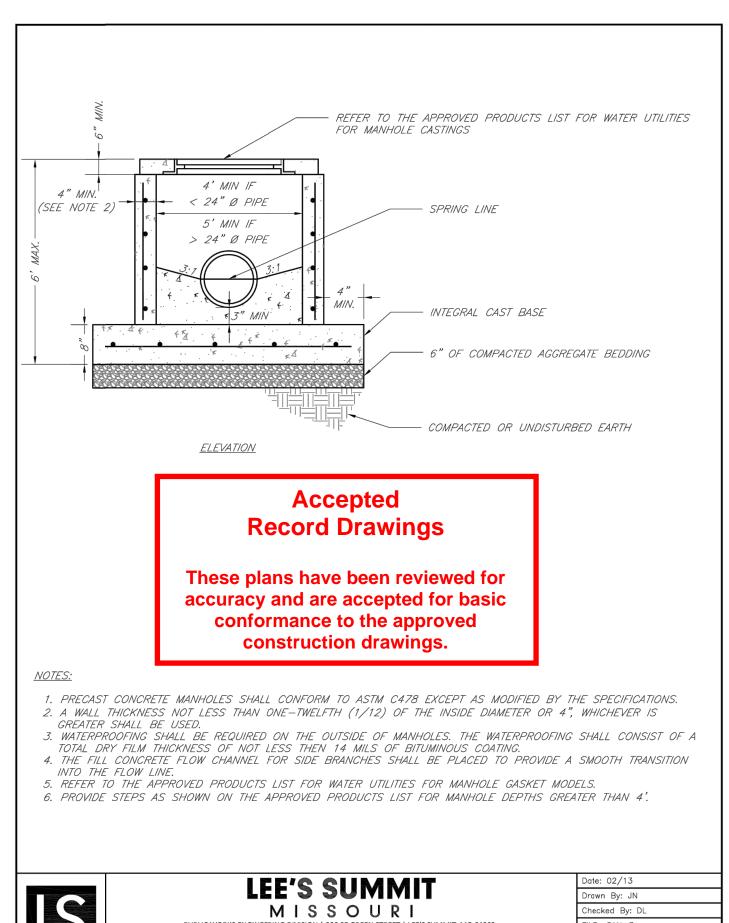


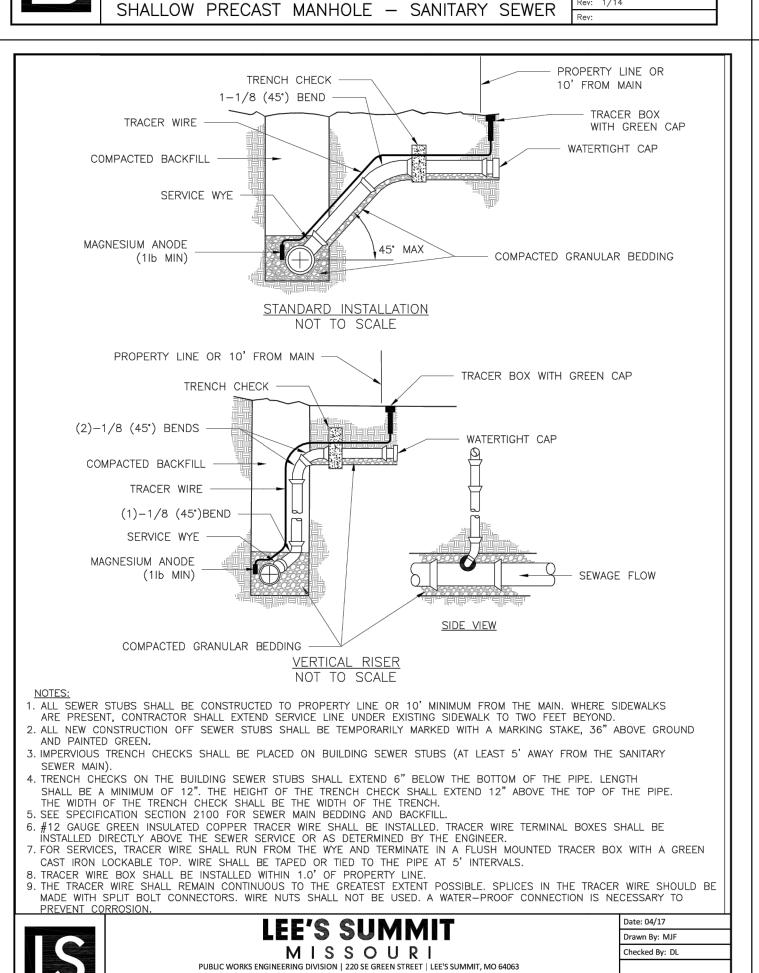


LEE'S SUMMIT

MISSOURI

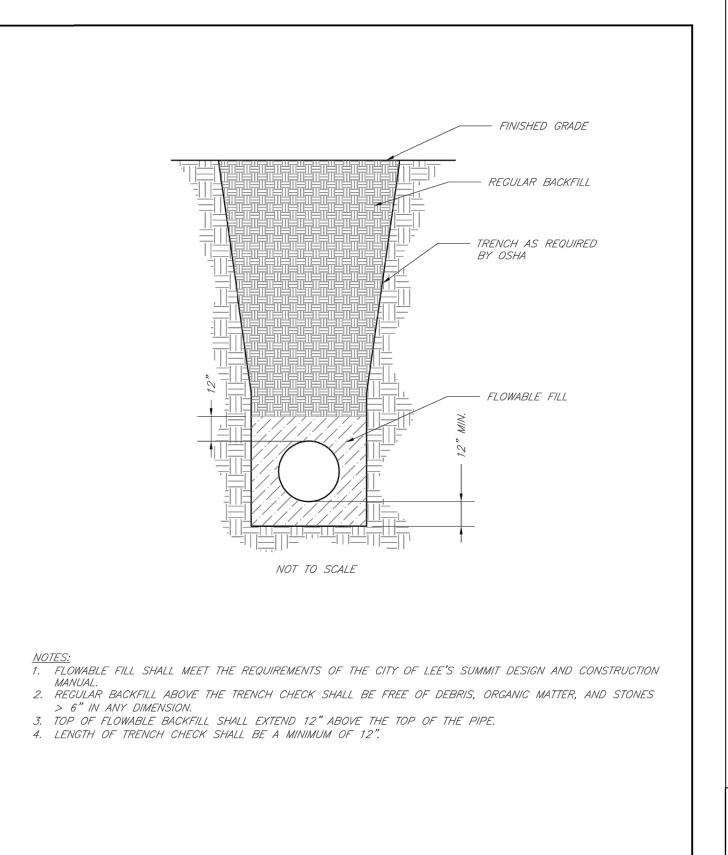
Checked By: DL

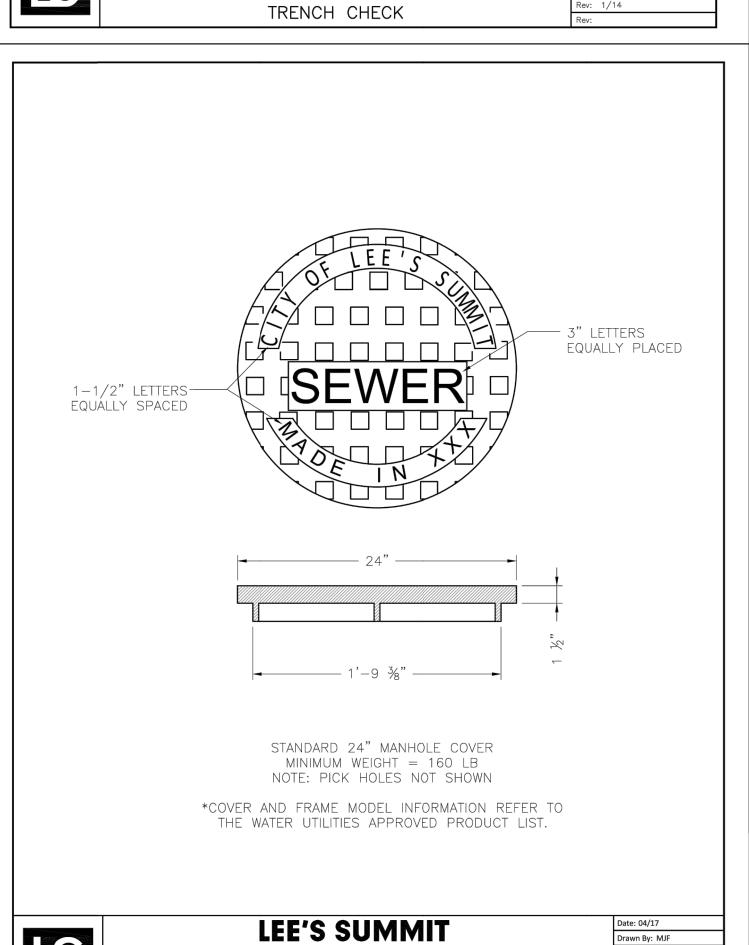




BUILDING SEWER STUB AND RISER

SAN-1





MISSOURI

SANITARY MANHOLE COVER DETAIL

LEE'S SUMMIT

MISSOURI

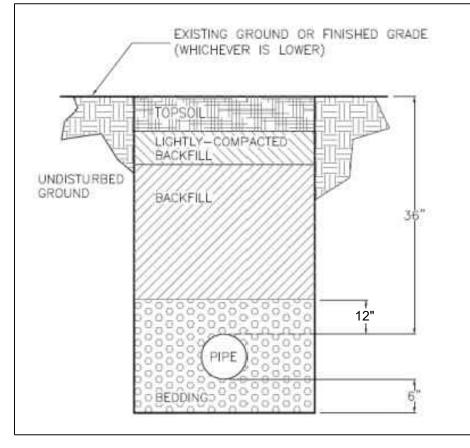
Drawn By: JN

E: WAT-6

hecked By: DL

Checked Bv: DL

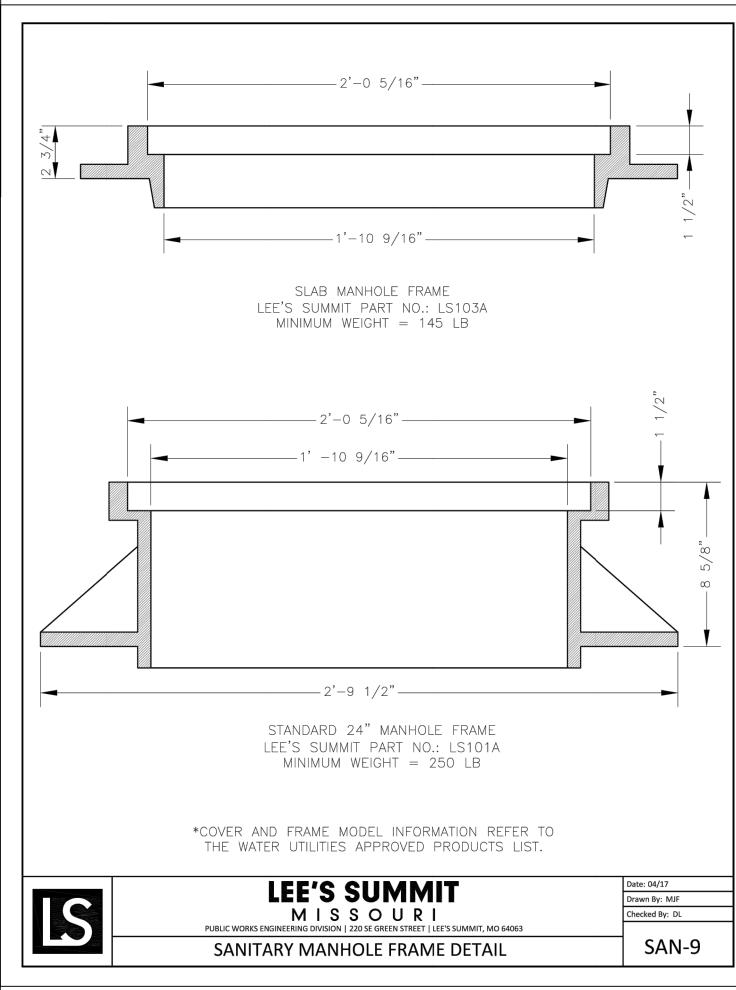
SAN-8

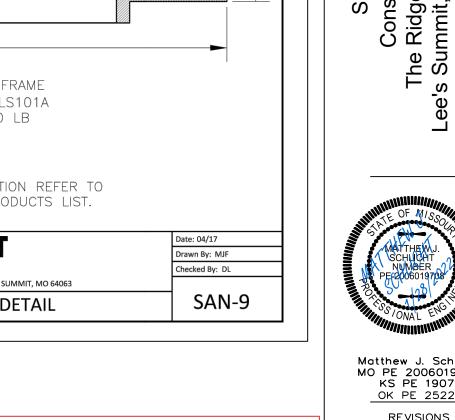


TRENCH AND BACKFILL DETAIL

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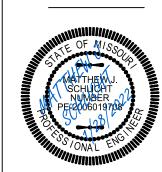
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N S S

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Professional Registration



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REVISIONS 1/28/2022 As-Built

C.403

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