Park Ridge 8th Plat

Lots 362 - 391 & Tracts F6 - F7 SANITARY SEWER CONSTRUCTION PLANS Section 9, Township 48 North, Range 31 West LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

CONSTRUCTION AND DESIGN NOTES:

SANITARY SEWERS:

1. SANITARY SEWER PIPE SHALL BE POLY VINYL CHLORIDE (PVC), SDR-26, UNLESS NOTED OTHERWISE IN THESE PLANS.

2. HOUSE SEWER LATERALS SHALL BE 4 INCH PVC, SDR-26. LATERALS SHALL BE CONSTRUCTED USING A TOP ORIENTED "WYE" AT THE SEWER STATION SHOWN IN THESE PLANS. LATERALS SHALL BE LAID AT A GRADE OF 2.0% FROM THE SEWER MAIN TO THE STREET RIGHT-OF-WAY LINE OR EASEMENT LINE AS REPRESENTED BY THE LATERAL LENGTH SHOWN IN THESE PLANS. THE ELEVATION SHOWN FOR THE END OF THE LATERAL IN THESE PLANS IS APPROXIMATE. THE ACTUAL ELEVATION SHALL BE DETERMINED BY THE FLOW LINE ELEVATION OF THE SEWER MAIN, THE FITTINGS AND GRADE OF THE SEWER LATERAL.

3. THE CONTRACTOR SHALL MAINTAIN A LOG OF THE "AS BUILT" STATION AND LENGTH OF EACH HOUSE LATERAL AND SHALL PROVIDE ENGINEERING SOLUTIONS, L.L.C. WITH A COPY OF SAID LOG UPON COMPLETION OF SEWER CONSTRUCTION.

4. ALL MANHOLES INSTALLED IN THE STREET RIGHT-OF-WAY SHALL BE FINISHED 1/2" PER FOOT ABOVE THE NEAREST ADJACENT BACK OF CURB

5. A STAKE SHALL BE PLACED AT THE END OF EACH WYE CONNECTION WITH THE END ELEVATION WRITTEN ON THE STAKE

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

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

GENERAL NOTE:

 $1 \sim$ ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.

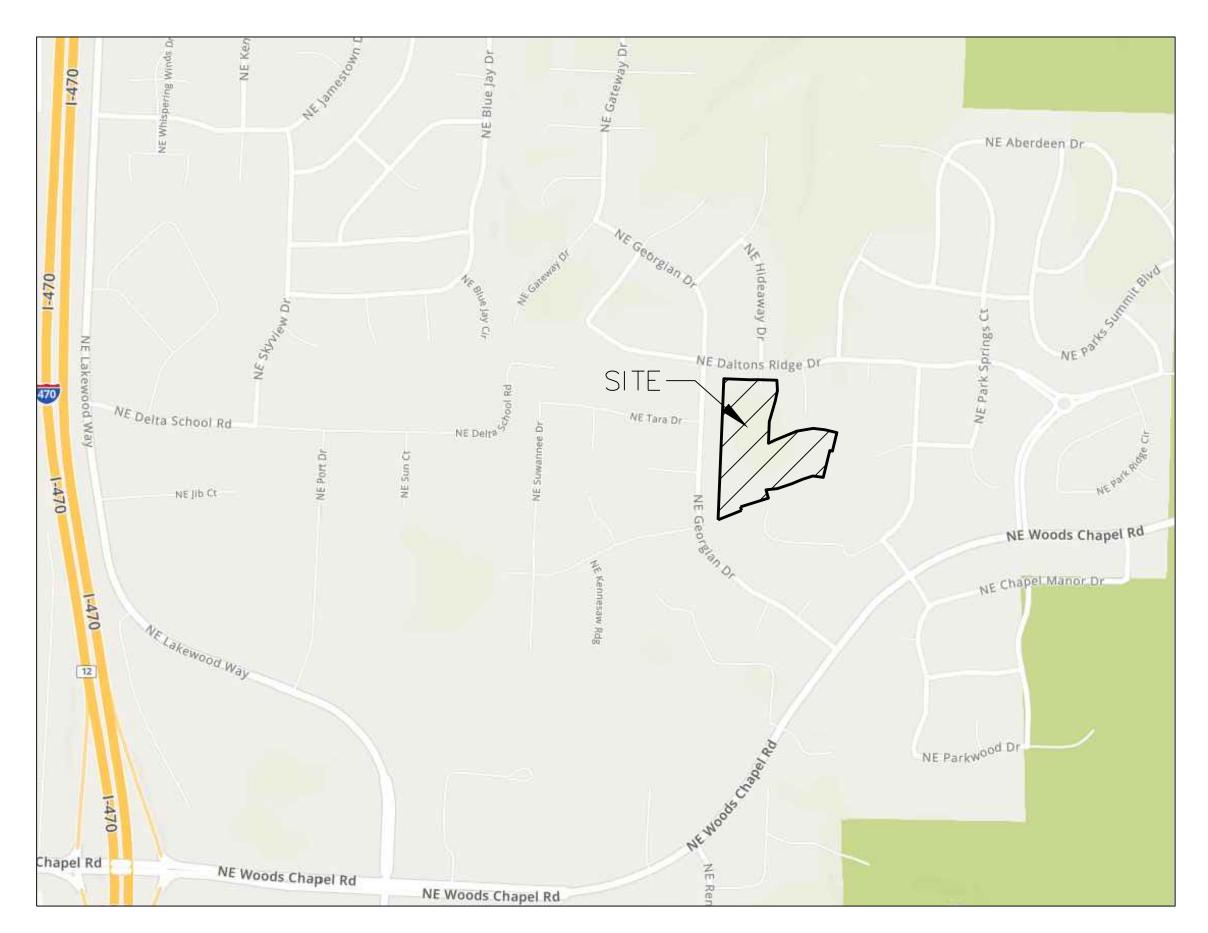
2 ~ TRENCH CHECKS SHALL BE INSTALL AT ALL SANITARY WYES LOCATION.

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 29095C0430G, dated January 20, 2017



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	671.53
8" PVC SDR 26	LF	706.17
4' DIA Manhole	EA	3.00
TEES, BENDS, WYES	LS	19.00
CONNECTION TO EXISTING SANITARY SEWER	LS	1.00
TRACER WIRE AND EQUIPMENT	L.F.	706.17

UTILITY COMPANIES:

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 CITY OF LEE'S SUMMIT WATER UTILITIES ~ 969-1900

MISSOURI ONE CALL (DIG RITE) ~ 1-800-344-7483

LEGEND:

B/L - BUILDING SET-BACK

C/A - COMMON AREA

D/E - DRAINAGE EASEMENT

FND. - FOUND

L/E - LANDSCAPE EASEMENT

L.N.A. - LIMITS OF NO ACCESS

R/W - RIGHT OF WAY

SAN - SANITARY SEWER LINE

SÂN - SANITARY SEWER LINE
S/W - SIDEWALK
U/E - UTILITY EASEMENT
W - WATER LINE
ST - 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.

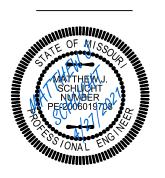
ENGINEERING & SURVEYING
ENGINEERING & SURVEYING
SO SE 30TH STREET
LEE'S SUMMIT, MO 64082
PER 816, 623-9888 F:(816)623-9849

Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

PARK RIDGE 8TH PLAT 19, Township 48 North, Range 31 Wes s Summit, Jackson County, Missouri

MANOR AT PARK
RIDGE
ssue Date:

Cover Sheet
PARK RIDGE 8TH PLAT
Section 9, Township 48 North, Range 31



Matthew J. Schlich MO PE 2006019708 KS PE 19071 OK PE 25226 NE PE E-14335

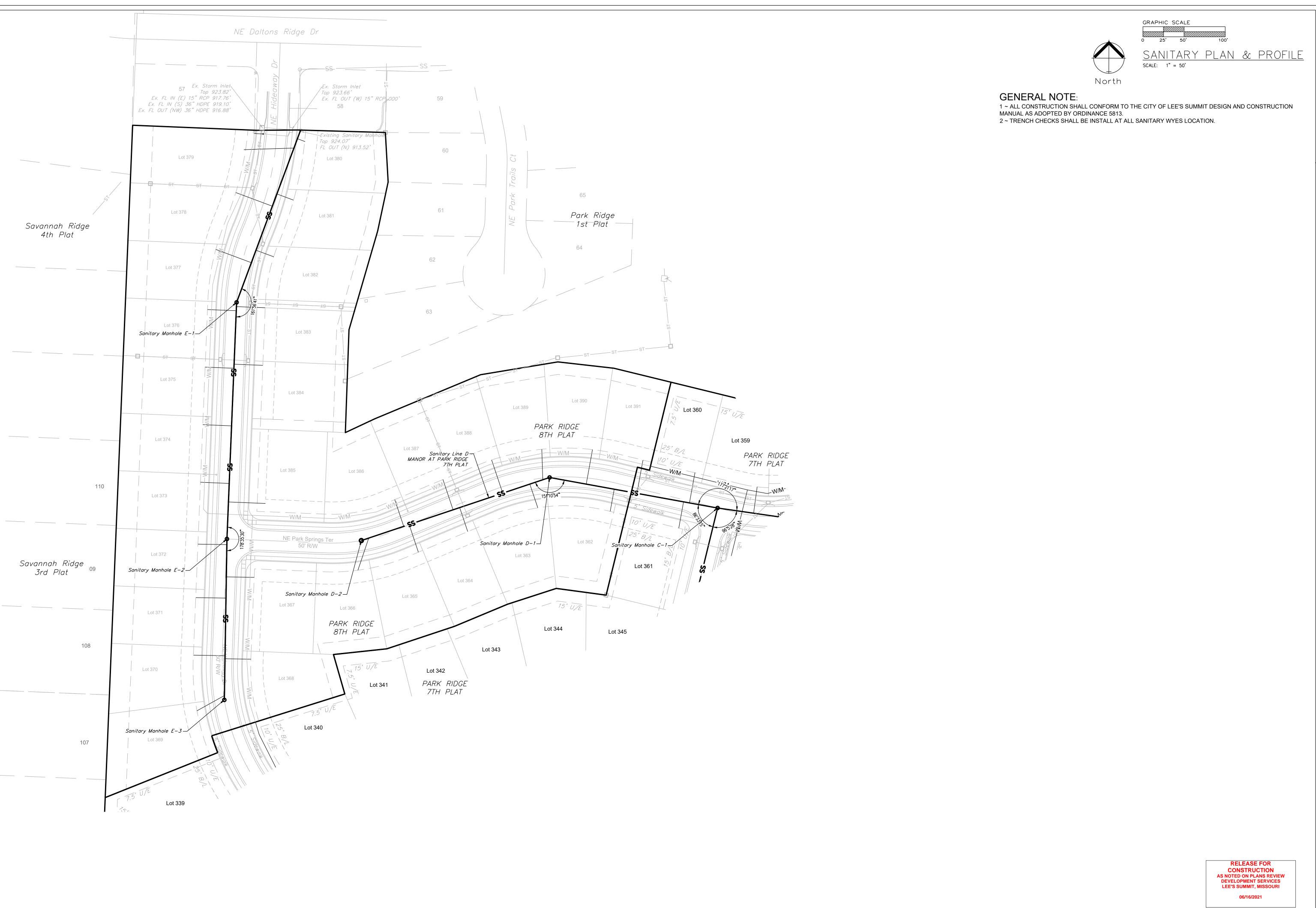
REVISIONS

REV. 4/20/2021

REV. 4/27/2021

RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
06/16/2021

C.400



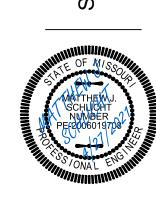
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Nebraska

Engineering CA2821

PARK RIDGE 8TH PLAT tion 9, Township 48 North, Range 31 Wes ee's Summit, Jackson County, Missouri

Project:
MANOR AT PARK
RIDGE
Issue Date:
August 25, 2020

Sanitary Sewer General Layout PARK RIDGE 8TH PLAT on 9, Township 48 North, Range 31 We



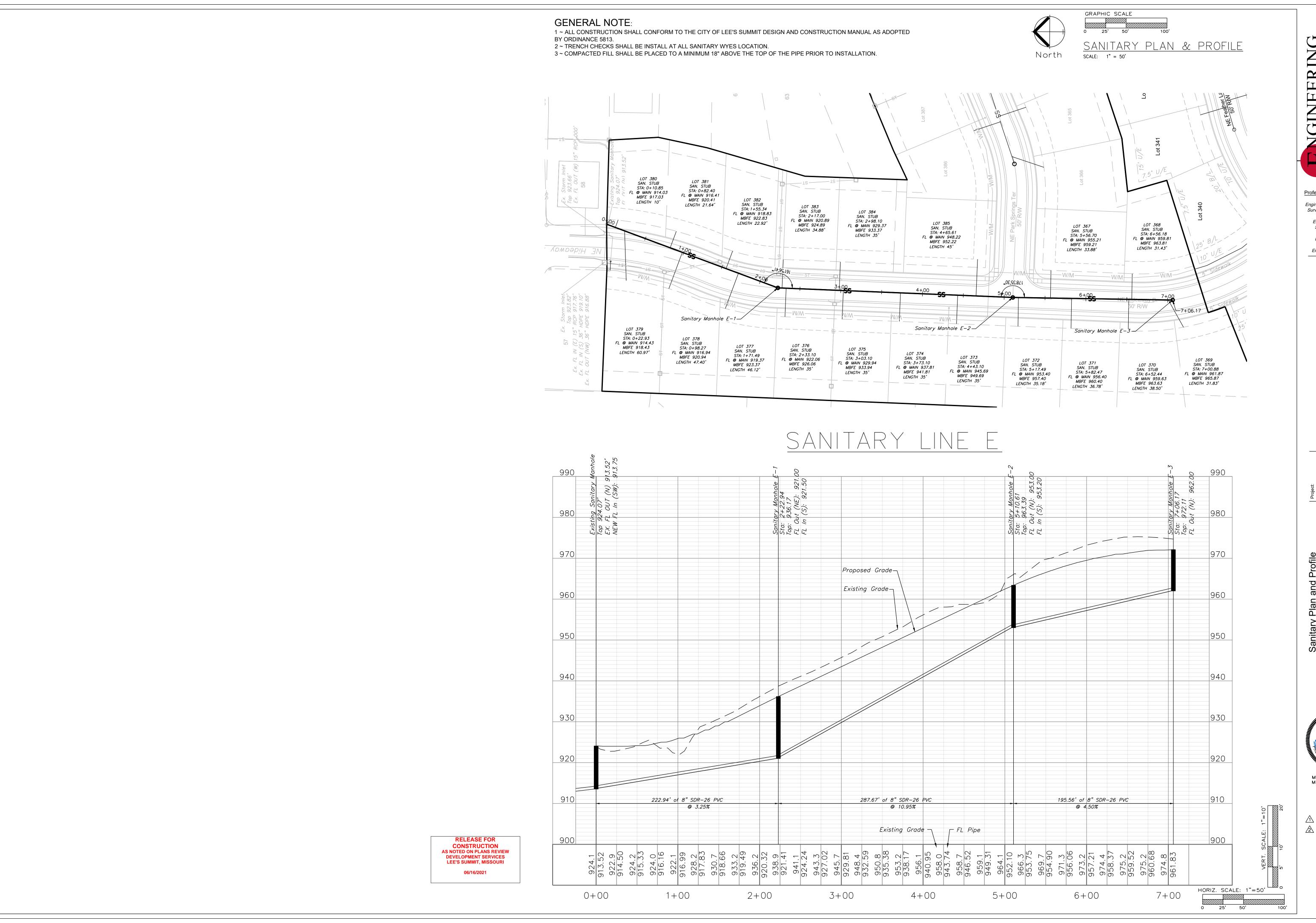
Motthew J. Schlicht MO PE 2006019708 KS PE 19071 OK PE 25226 NE PE E-14335

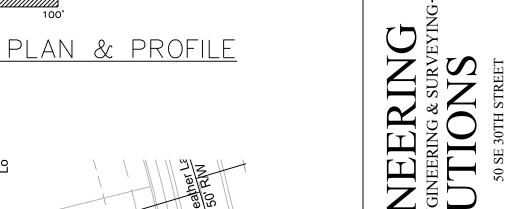
REVISIONS

REV. 4/20/2021

REV. 4/27/2021

C.401



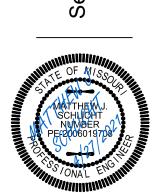


Professional Registration
Missouri

Engineering 2005002186-D Surveying 2005008319-D Kansas Engineering E-1695 Surveying LS-218 Oklahoma Engineering 6254 Nebraska Engineering CA2821

PARK RIDGE 8TH PLAT Township 48 North, Range 31 ummit, Jackson County, Misso

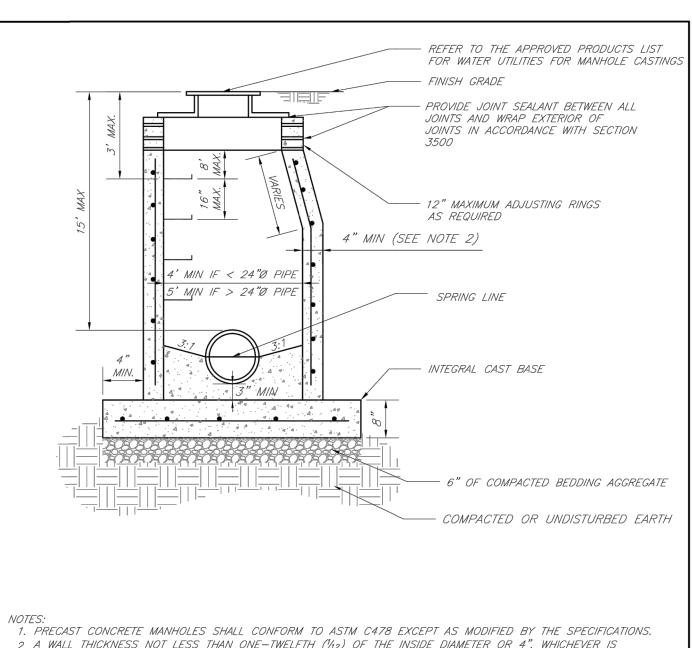
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Motthew J. Schlicht MO PE 2006019708 KS PE 19071 OK PE 25226 NE PE E-14335 REVISIONS

⚠ REV. 4/20/2021 REV. 4/27/2021

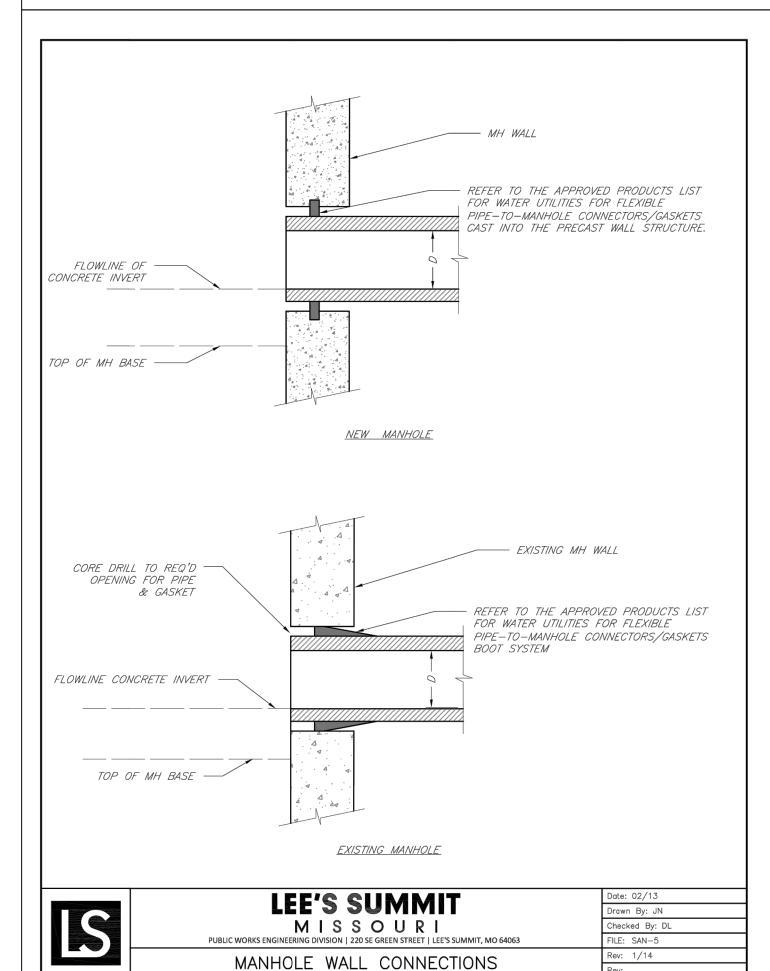
C.402

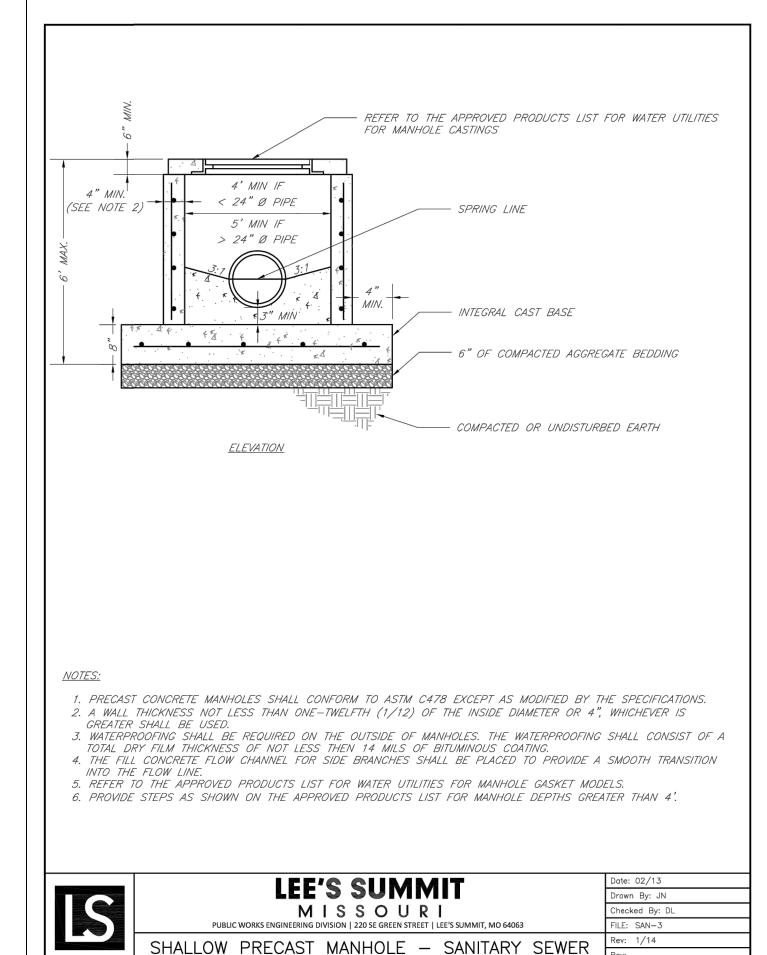


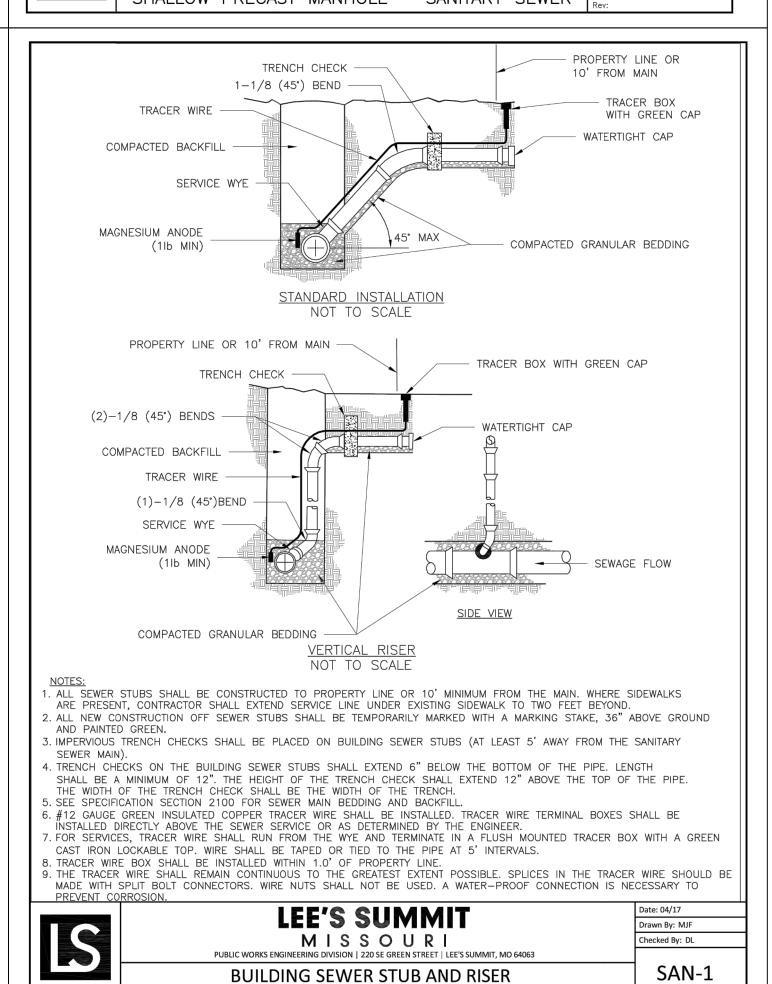
2. A WALL THICKNESS NOT LESS THAN ONE—TWELFTH ($^{\prime}\!\!/_{12}$) OF THE INSIDE DIAMETER OR 4", WHICHEVER IS

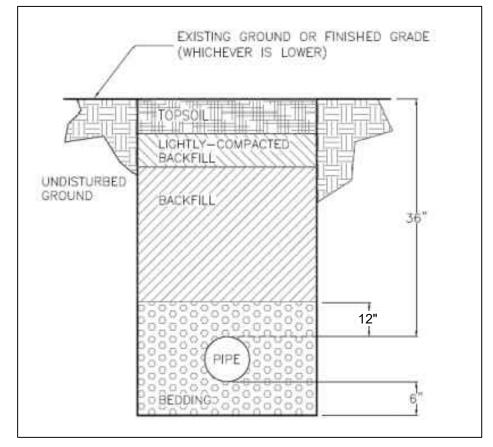
- GREATER, SHALL BE USED WHEN THE MANHOLE DEPTH IS LESS THEN 15'. 3. WATERPROOFING SHALL BE REQUIRED ON THE OUTSIDE OF MANHOLES. THE WATERPROOFING SHALL CONSIST OF
- A TOTAL DRY FILM THICKNESS OF NOT LESS THAN 14 MILS OF BITUMINOUS COATING. 4. ONLY ECCENTRIC MANHOLE CONES WILL BE ALLOWED UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. 5. THE FILL CONCRETE FLOW CHANNEL FOR SIDE BRANCHES SHALL BE PLACED TO PROVIDE A SMOOTH TRANSITION
- 6. REFER TO THE APPROVED PRODUCTS LIST FOR WATER UTILITIES FOR APPROVED MANHOLE GASKET MODELS. 7. REFER TO THE APPROVED PRODUCTS LIST FOR APPROVED STEPS.

IFF'C CLIMANAIT		Date: 02/13
LEE'S SUMMIT M I S S O U R I PUBLIC WORKS ENGINEERING DIVISION 220 SE GREEN STREET LEE'S SUMMIT, MO 64063 STANDARD PRECAST MANHOLE — SANITARY SEWER	Drawn By: JN	
	Checked By: DL	
	FILE: SAN-2	
	STANDARD RECAST MANHOLE _ SANITARY SEWER	Rev: 1/14
	STANDARD FILEAST MAINTOLL - SANTART SEWER	Rev:









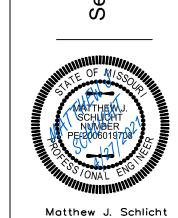
TRENCH AND BACKFILL DETAIL

Revised the depth of aggregate from 6" to 12" above a pipe.

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.

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REVISIONS REV. 4/20/2021 REV. 4/27/2021

RELEASE FOR CONSTRUCTION **AS NOTED ON PLANS REVIEW** DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI

06/16/2021

C.403

Professional Registration Engineering 2005002186-D Surveying 2005008319-D Kansas Engineering E-1695 Surveying LS-218 Oklahoma Engineering 6254 Nebraska Engineering CA2821

PARK RIDGE 8TH P , Township 48 North, F Summit, Jackson Cour