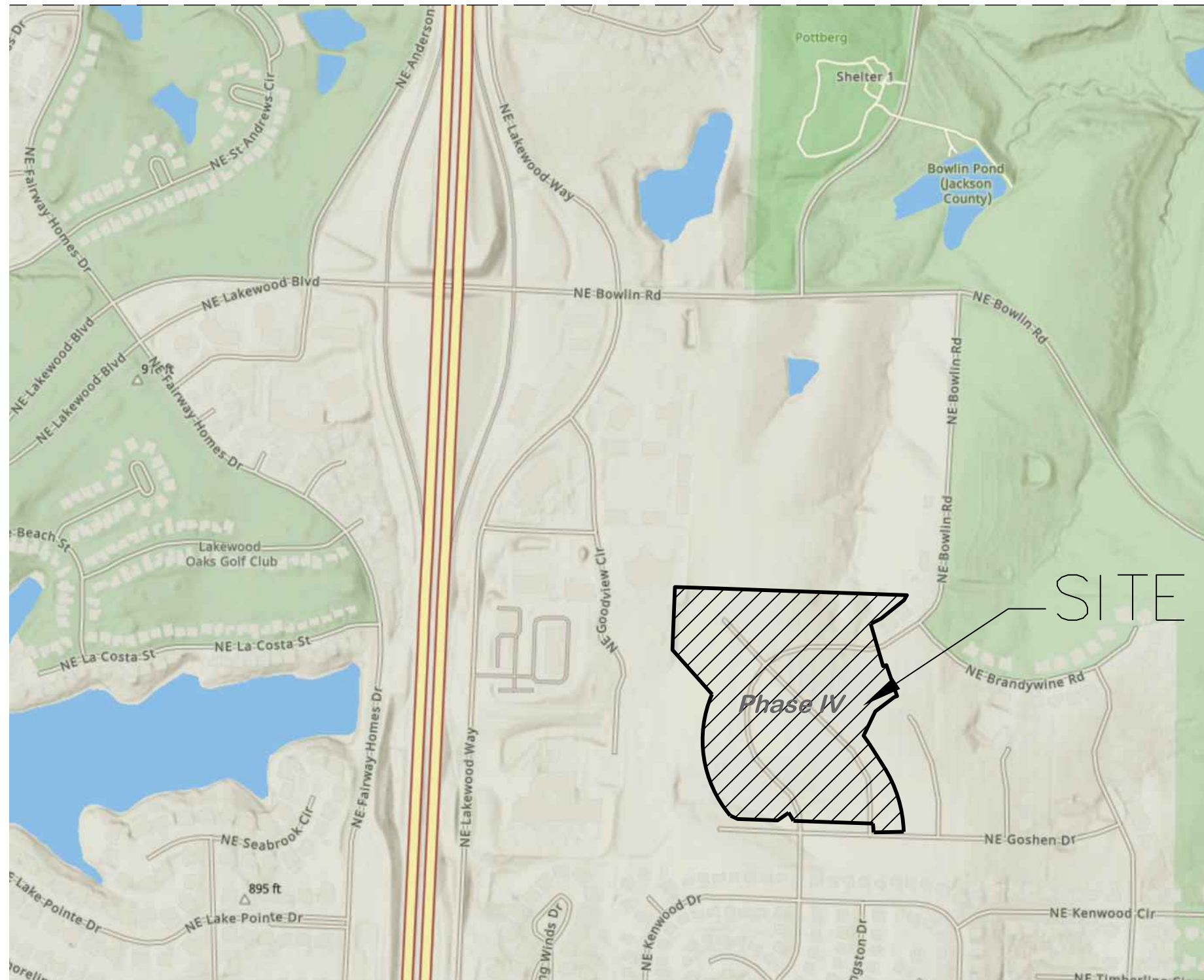


MONTICELLO 4th PLAT
SANITARY SEWER CONSTRUCTION PLANS
LOTS 109- TRACTS
SECTION 4, TOWNSHIP 48 NORTH, RANGE 31 WEST
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

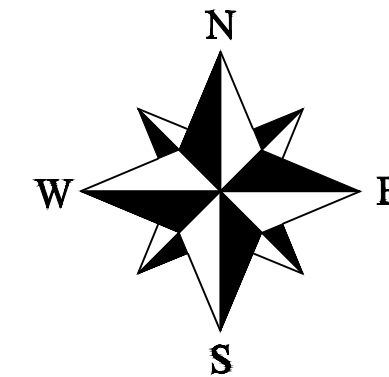
SANITARY SEWERS:

1. SANITARY SEWER PIPE SHALL BE POLY VINYL CHLORIDE (PVC), SDP-26, UNLESS NOTED OTHERWISE IN THESE PLANS.
2. HOUSE SEWER LATERALS SHALL BE 4 INCH PVC, SDP-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 'AS BUILT' 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 3 FEET OF COMPACTED FILL IN PLACE PRIOR TO TRENCHING
7. A TRENCH CHAIN CONSISTING OF FLOWABLE FILL MUST BE INSTALLED ON EVERY PRIVATE LATERAL.

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



SITE LOCATION MAP



C.400 ~ COVER SHEET
C.401 ~ SANITARY SEWER GENERAL LAYOUT
C.402 ~ SANITARY LINE PLAN & PROFILE
C.403 ~ SANITARY LINE PLAN & PROFILE
C.404 ~ SANITARY LINE PLAN & PROFILE
C.405 ~ SANITARY DETAILS

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

APPROVED: DATE: _____

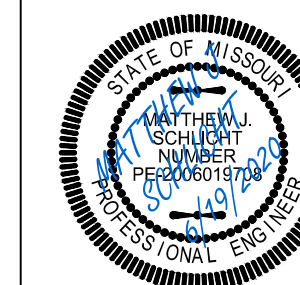
BY: _____
CITY ENGINEER

ITEM AND DESCRIPTION	UNIT	ESTIMATED QUANTITY
SANITARY PIPE 8" PVC	FT	1,153.29
SANITARY SERVICE PIPE 4" PVC	FT	2,088.50
SERVICES LINES WYES, PLUGS, 4" PVC	UNIT	46.00
5' DIA. SANITARY MANHOLES	UNIT	5.00
TRENCH CHECKS	UNIT	46.00
TRACER WIRE AND EQUIPMENT	FT	2,064.37

Monticello 4th Plat
Lee's Summit, Jackson County, Missouri

Project:
Monticello

Cover Sheet
Construction Plans for:
Monticello 4th Plat
Jackson County, Missouri



Matthew J. Schlick
MO PE 20060197
KS PE 19071
OK PE 25226

REVISIONS

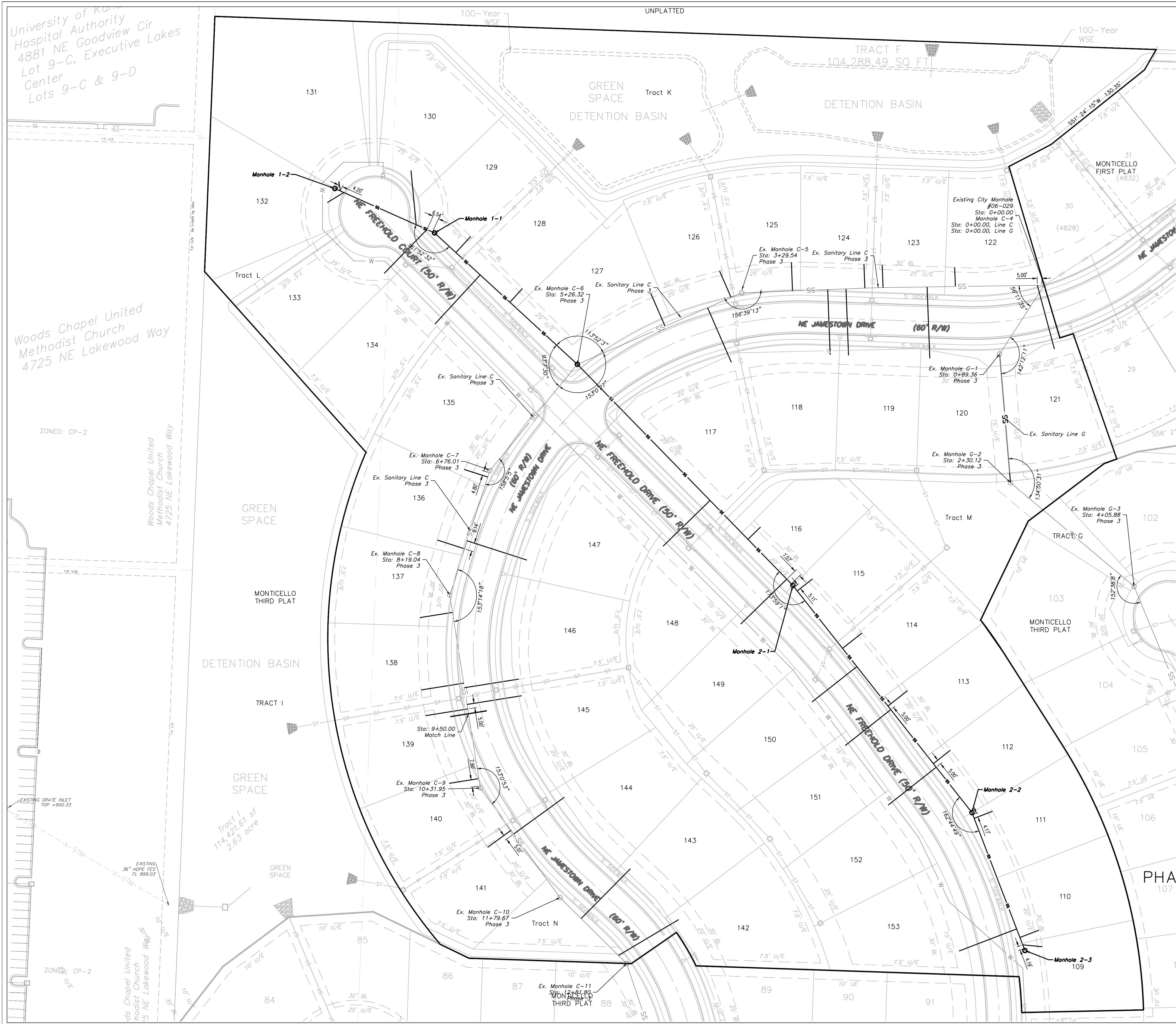
REV. 6/9/2020

REV. 6/19/202

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C.400

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SANITARY SEWER GENERAL LAYOUT

SCALE: 1" = 50'

GENERAL NOTE:

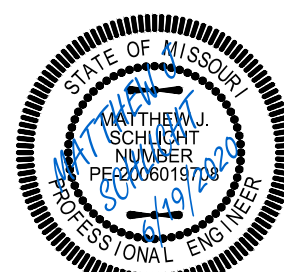
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Professional Registration
Missouri
Engineering 2005002185-D
Surveying 2005000189-D
Kansas
Engineering E-1095
Surveying LS-219
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Project:
Monticello
Map Date:
May, 2019

Sanitary Sewer General Layout
Construction Plans for:
Monticello 4th Plat
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25526

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REV. 6/19/2020

C.401

- NOTES:
- SEWER MAIN PIPE SHALL BE SDR-26 PVC MINIMUM UNLESS OTHERWISE INDICATED.
 - ALL SERVICE STUBS SHALL BE SDR-26 MINIMUM.
 - CONTRACTOR SHALL FIELD VERIFY EXACT LENGTHS OF 4" RISERS AND SERVICE LINES.
 - TRENCH CHECKS SHALL BE INSTALLED ON ALL BUILDING SEWER STUBS AND ON EACH SIDE OF A STREAM CROSSING AS SPECIFIED IN THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL.

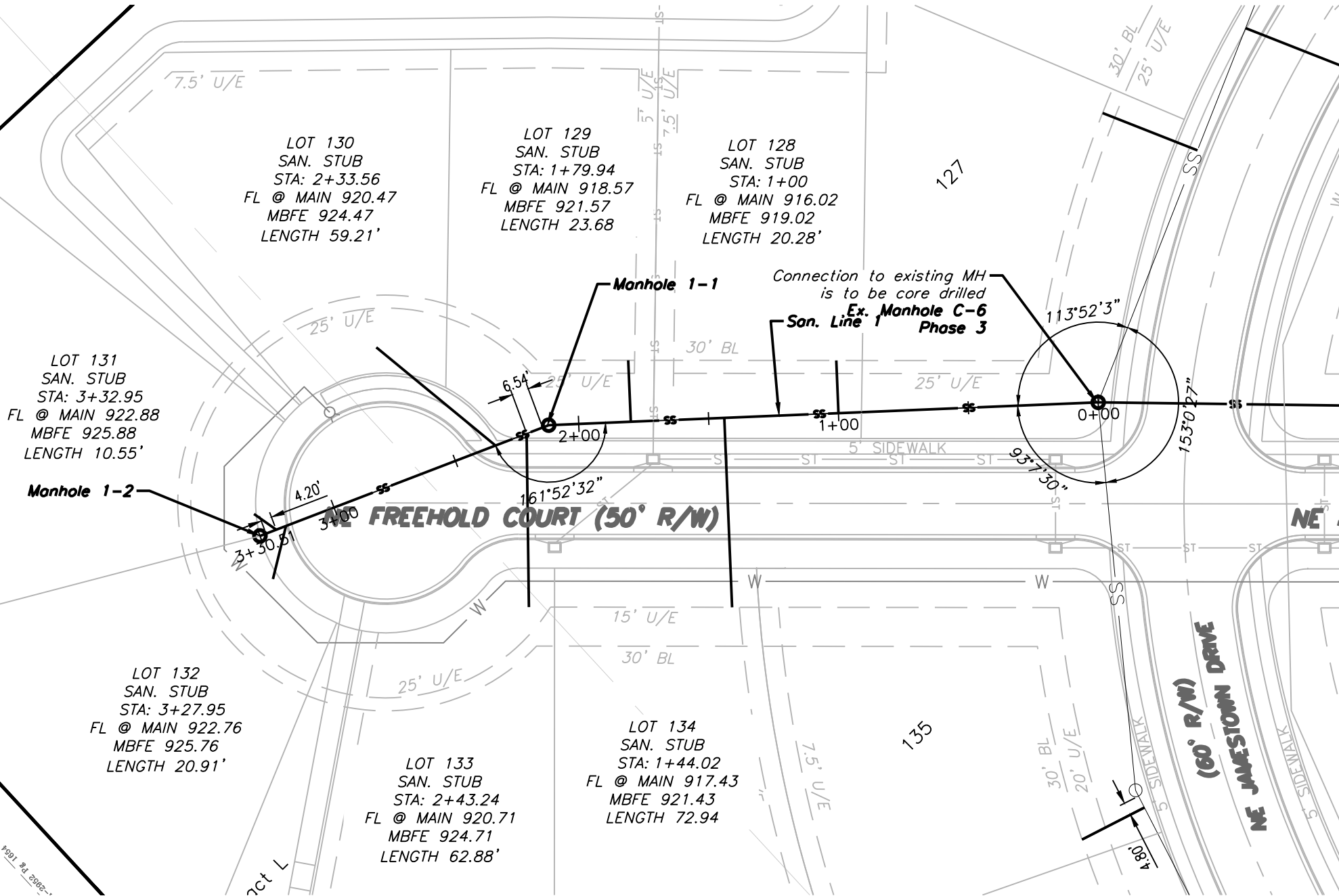


SANITARY PLAN & PROFILE

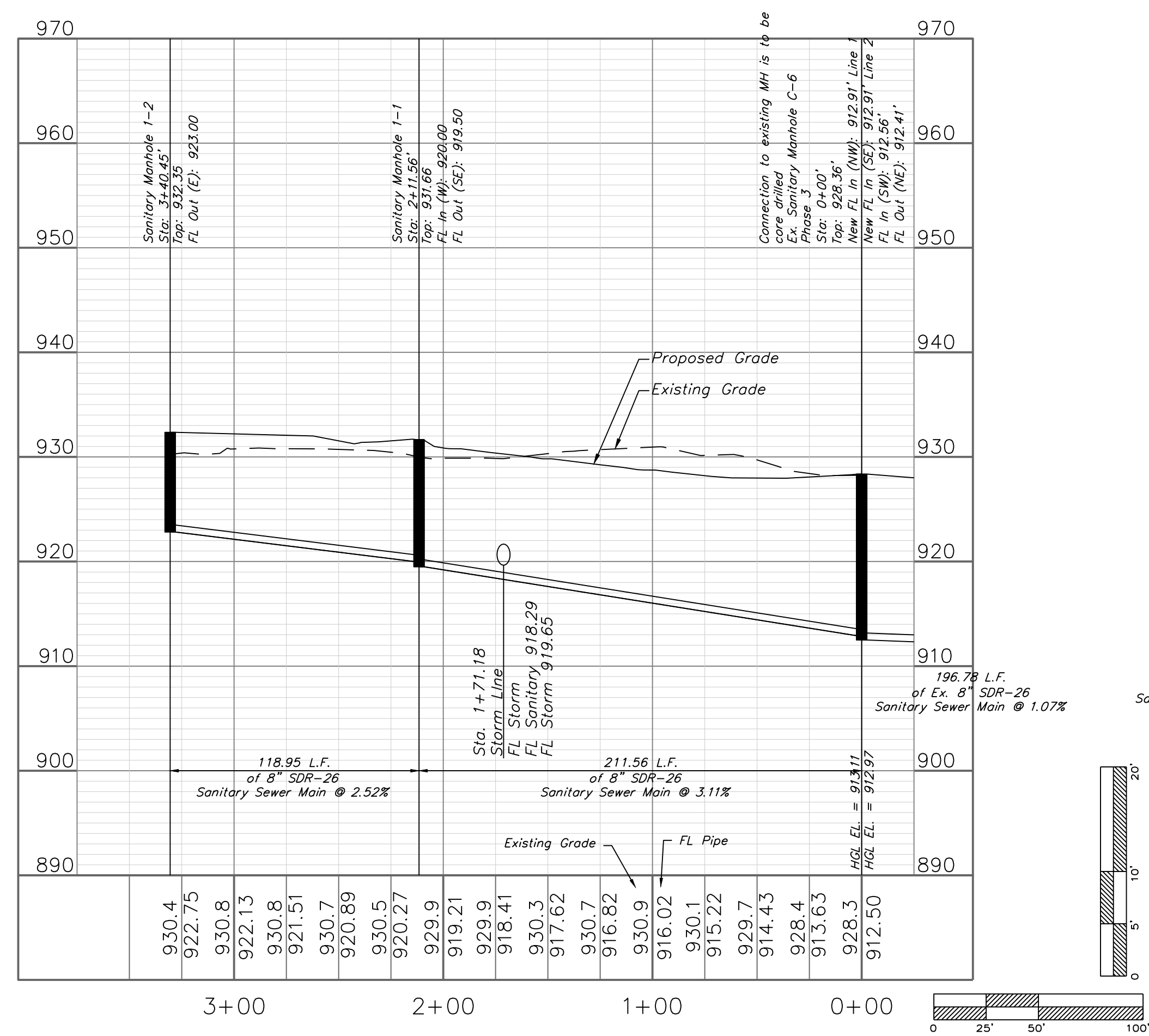
SCALE: 1" = 50'

GENERAL NOTE:

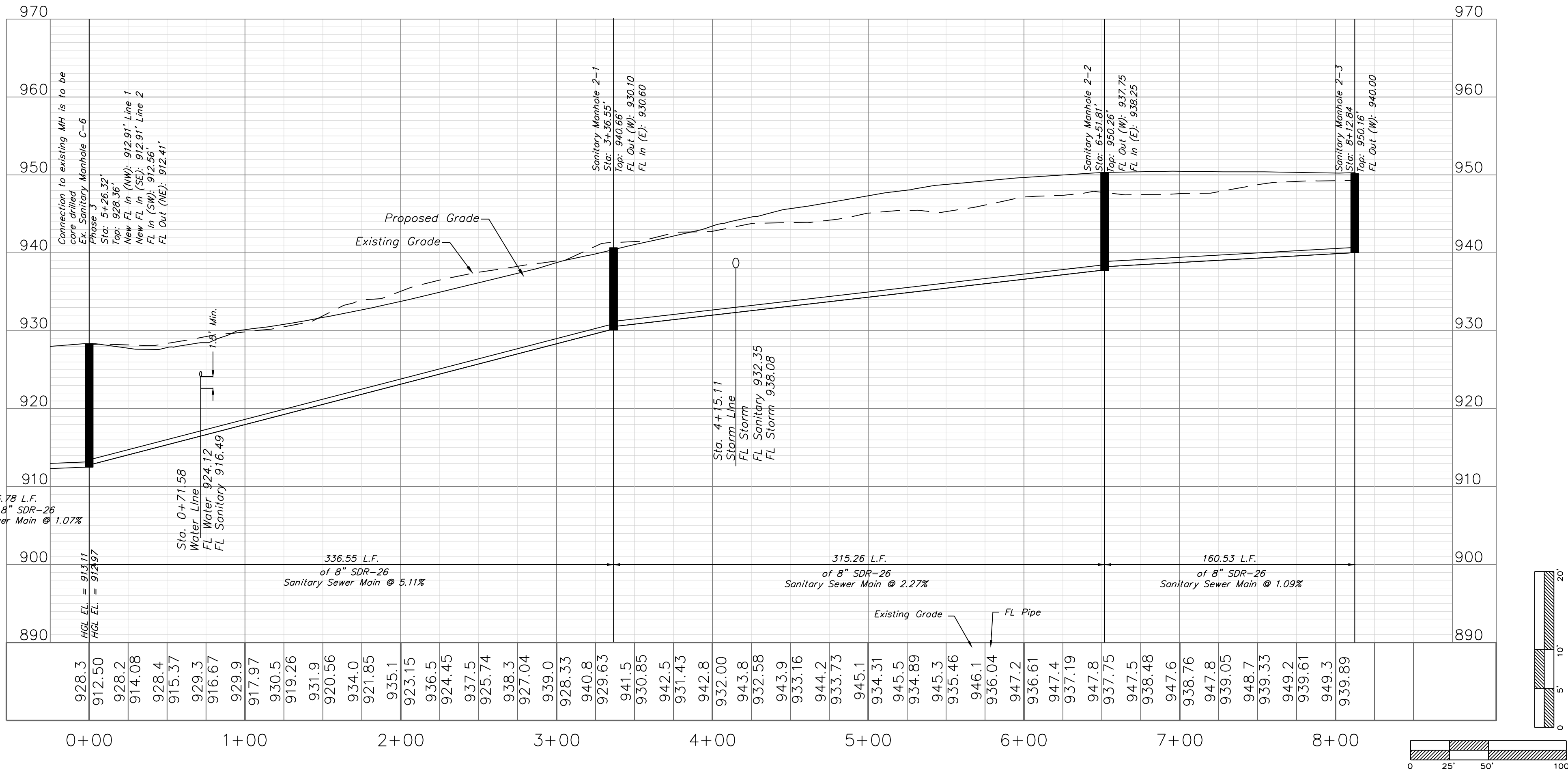
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SAN LINE 1



SAN LINE 2

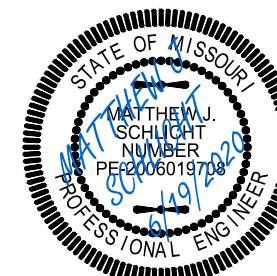


Professional Registration
Missouri
Engineering 2005002188-D
Surveying 200500019-D
Kansas
Engineering E-1895
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Sanitary Line Plan and Profile
Construction Plans for:
Monticello 4th Plat
Lee's Summit, Jackson County, Missouri

Project:
Monticello
Issue Date:
May, 2019

Sanitary Line Plan and Profile
Construction Plans for:
Monticello 4th Plat
Lee's Summit, Jackson County, Missouri

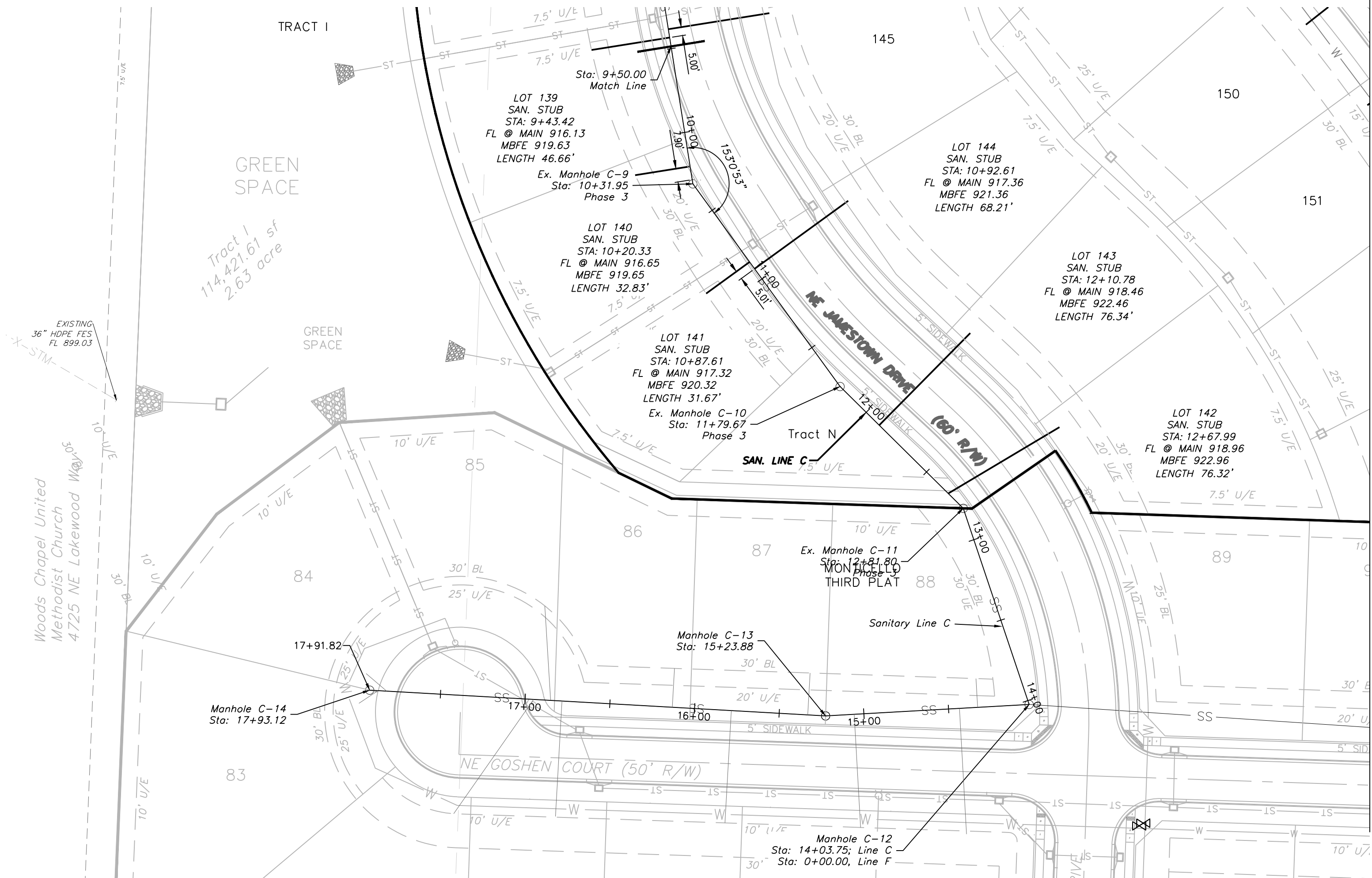


Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25526

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REV. 6/19/2020

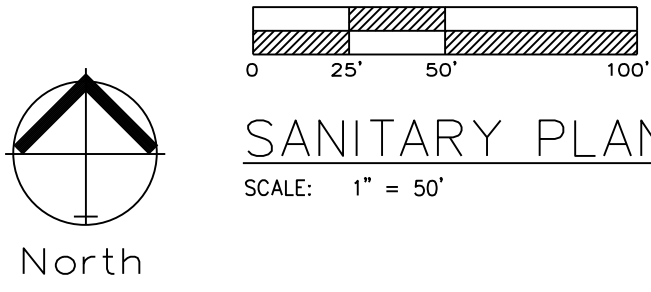
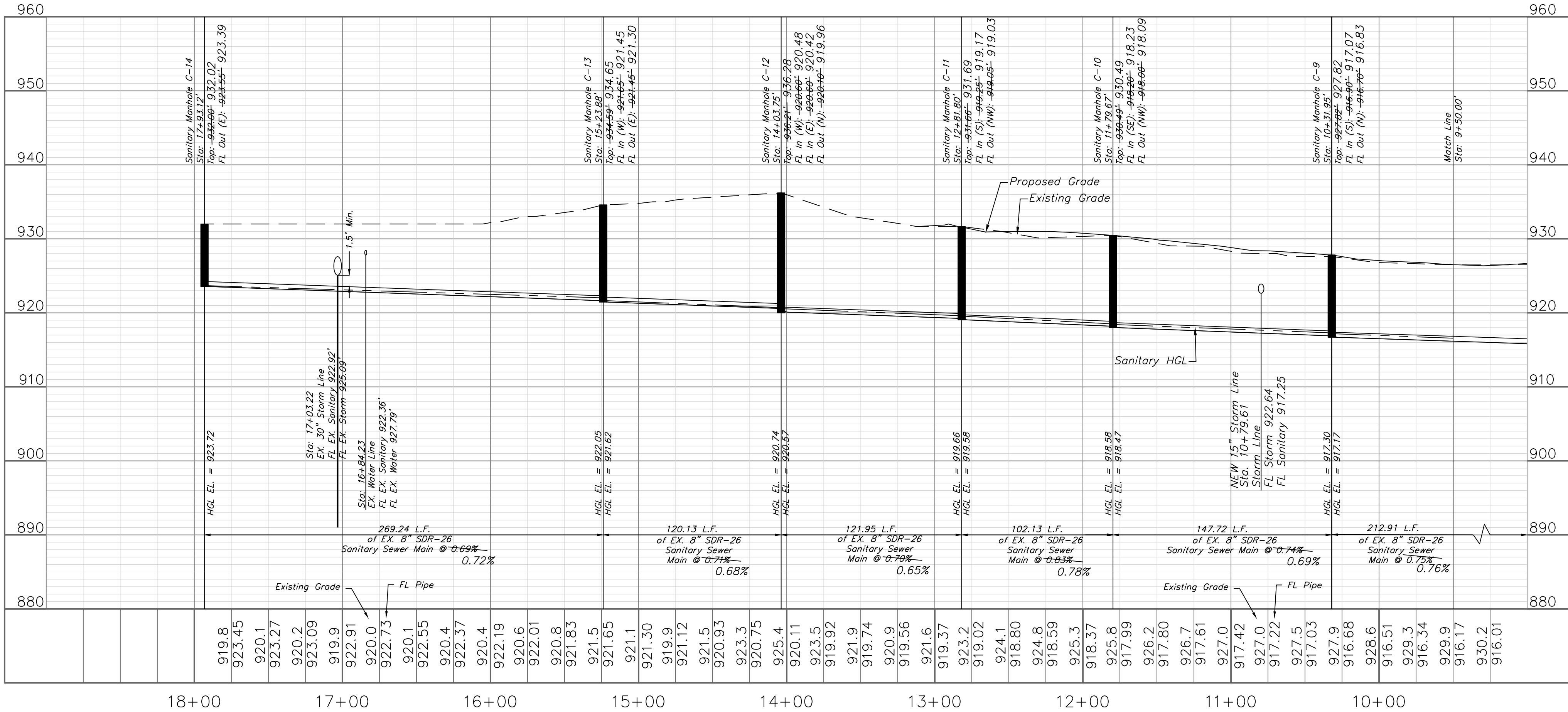
C.402

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EX. SAN LINE C

Note:
Existing Line C Profile Information Taken
From Record Drawings.



SANITARY PLAN & PROFILE

SCALE: 1" = 50'

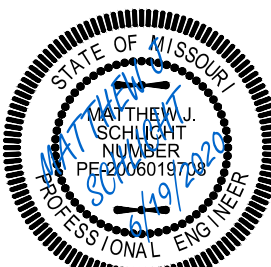
NOTE:
CONTRACTOR TO INSTALL SERVICE LINES.



Professional Registration
Missouri
Engineering 2005002185-D
Surveying 2005000119-D
Kansas
Engineering E-1095
Surveying LS-219
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

Project:
Monticello
Sanitary Plan and Profile
Construction Plans for:
Monticello 4th Plat
Lee's Summit, Jackson County, Missouri
May, 2019

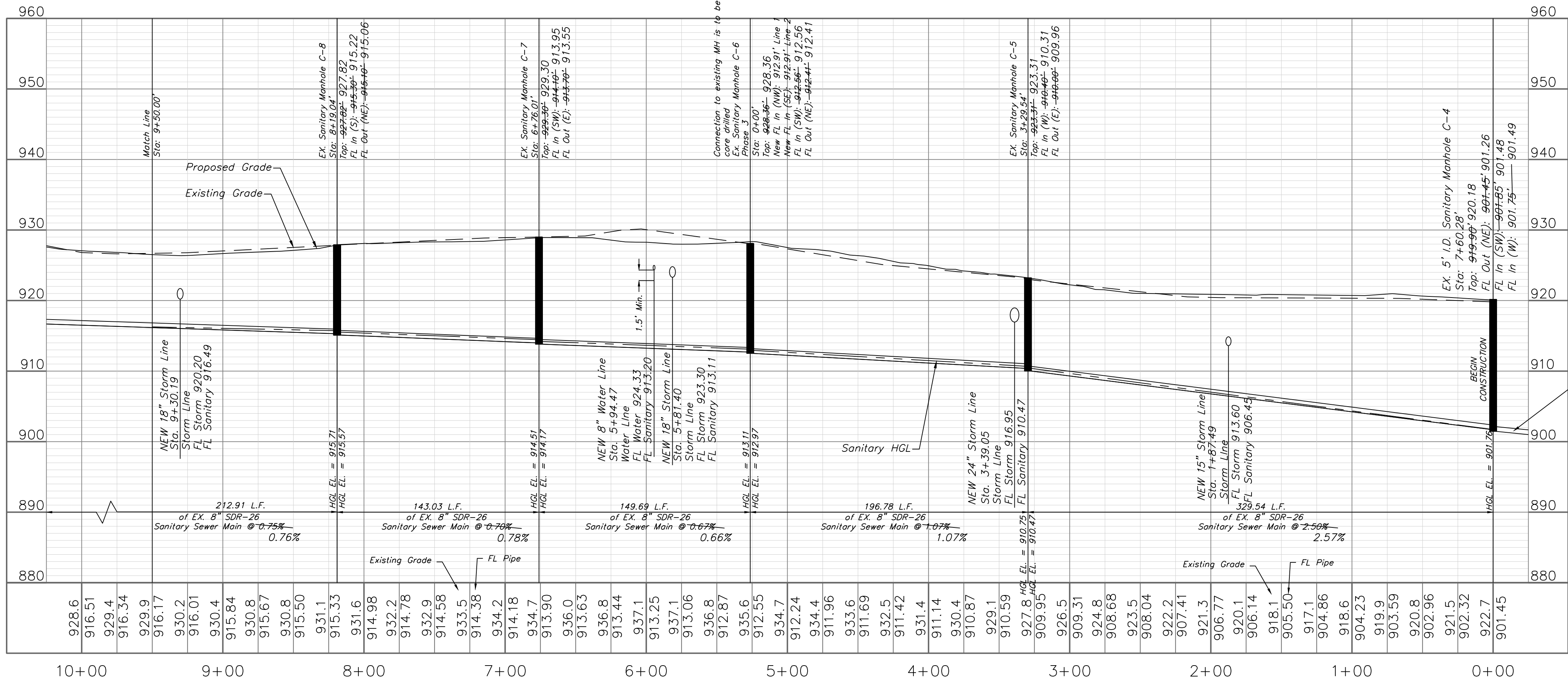
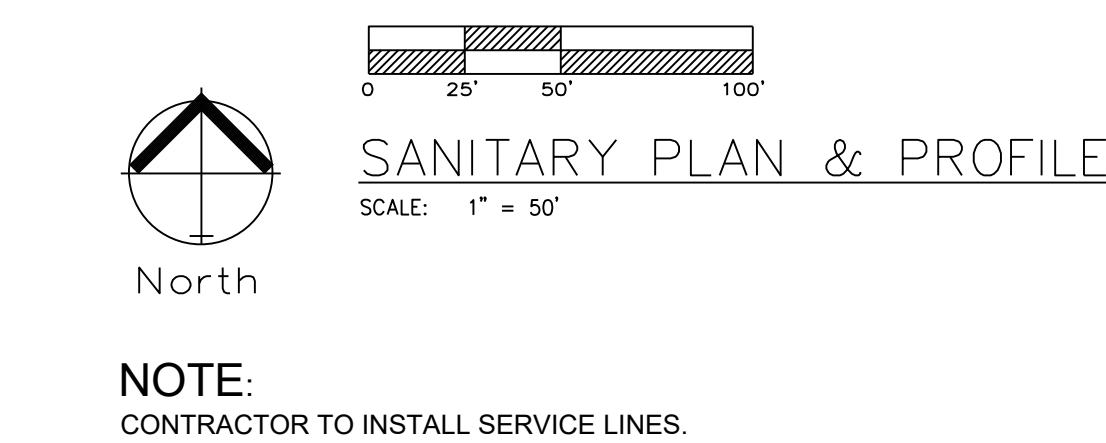
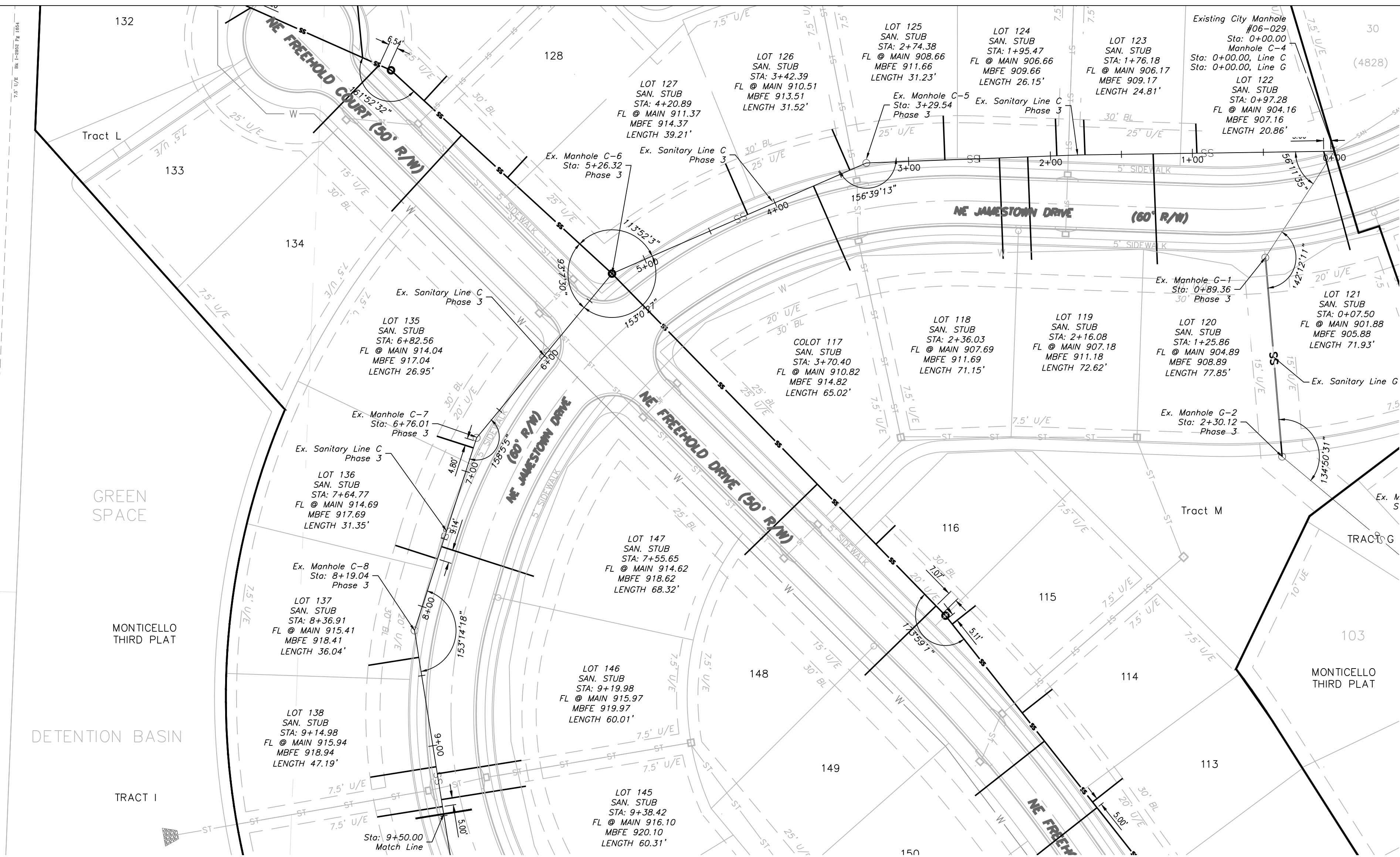
Sanitary Plan and Profile
Construction Plans for:
Monticello 4th Plat
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25526

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REV. 6/9/2020
REV. 6/19/2020

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Note:
Existing Line C Profile Information Taken From Record Drawings.

To MH C-3
195.76 L.F. of SDR-26
Sanitary Sewer Main @ 0.74%
0.70%

ENGINEERING SOLUTIONS
ENGINEERING & SURVEYING
50 SE 30TH STREET
LEE'S SUMMIT, MO 64082
P: (816) 621-9888 F: (816) 623-9849

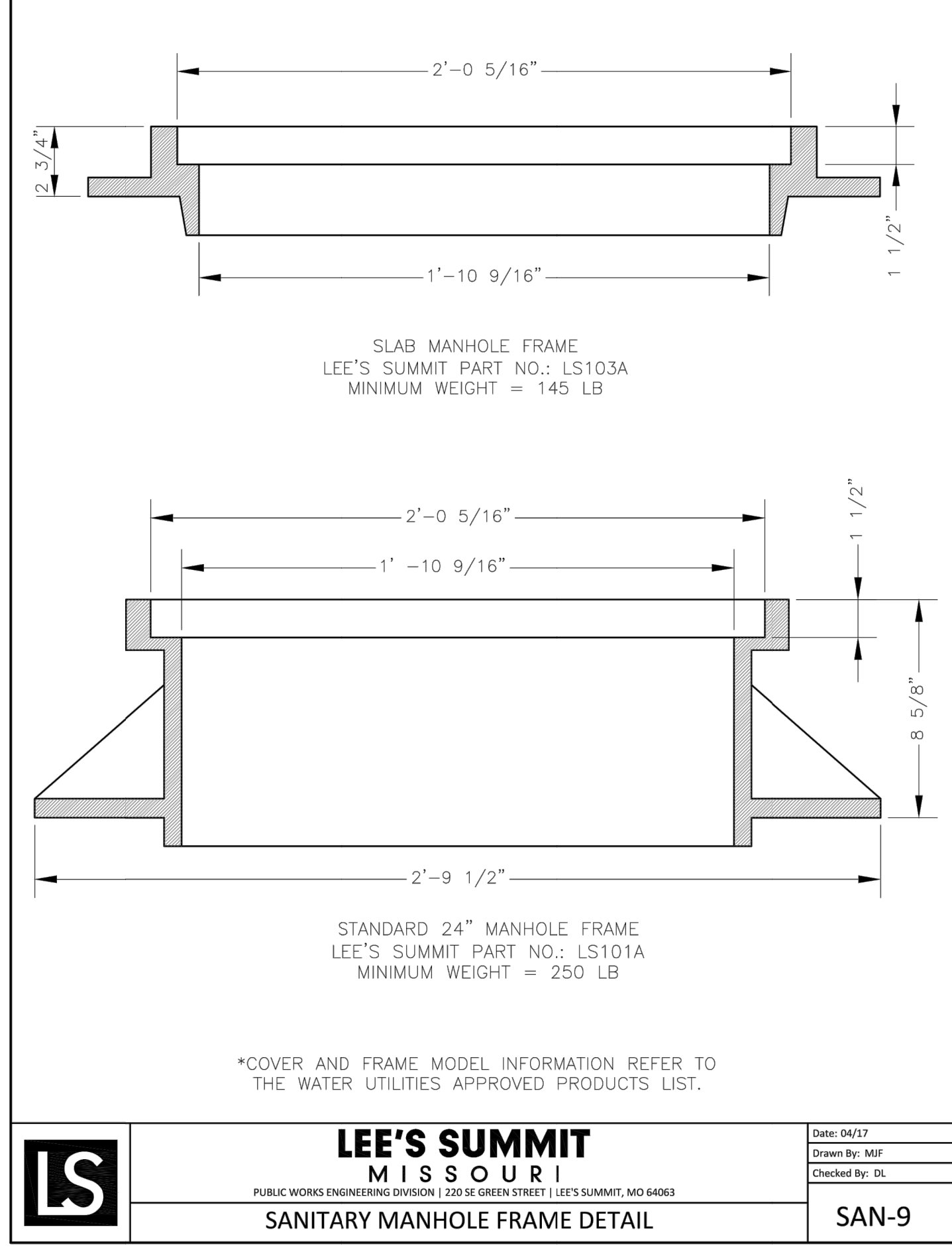
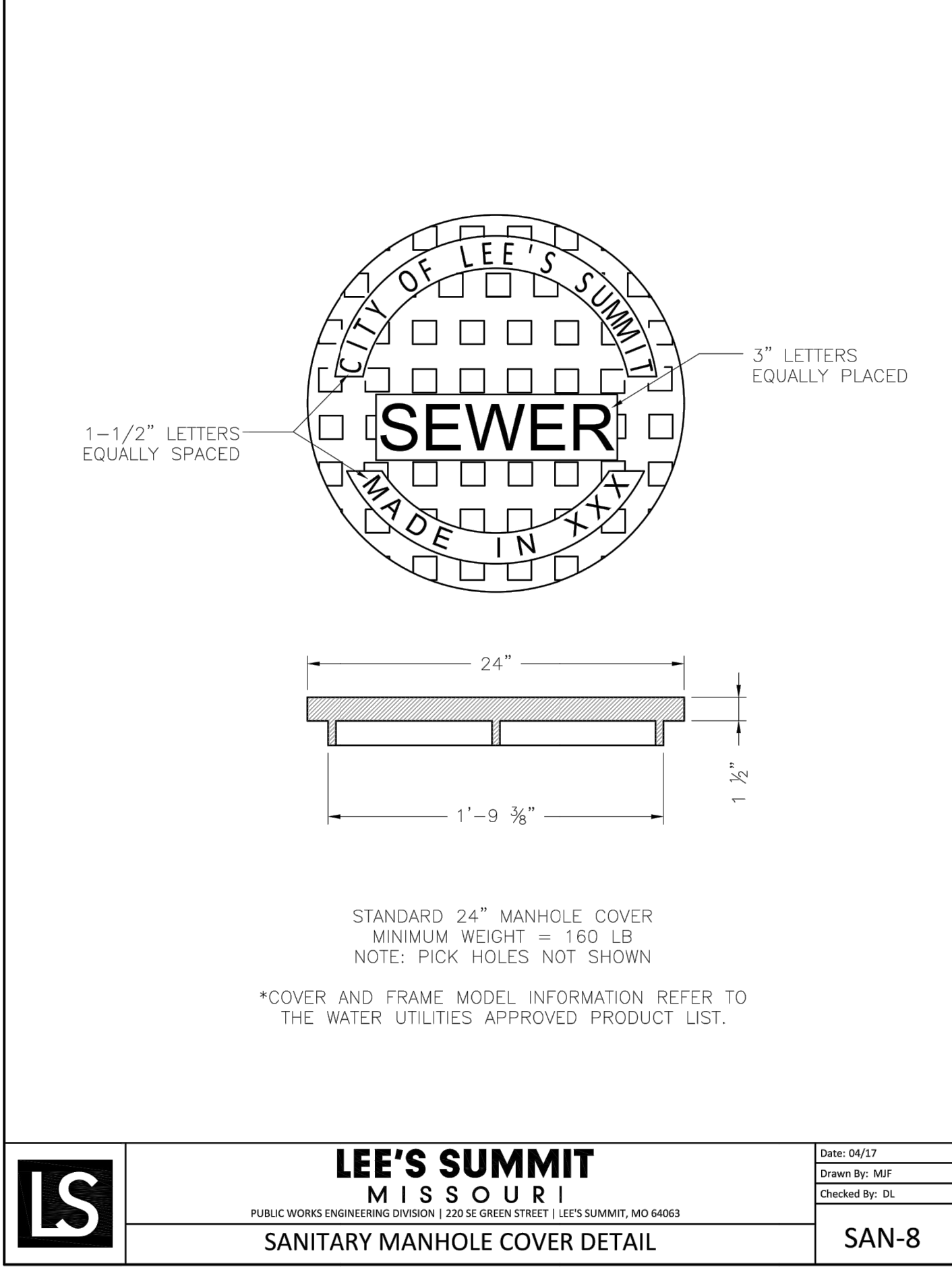
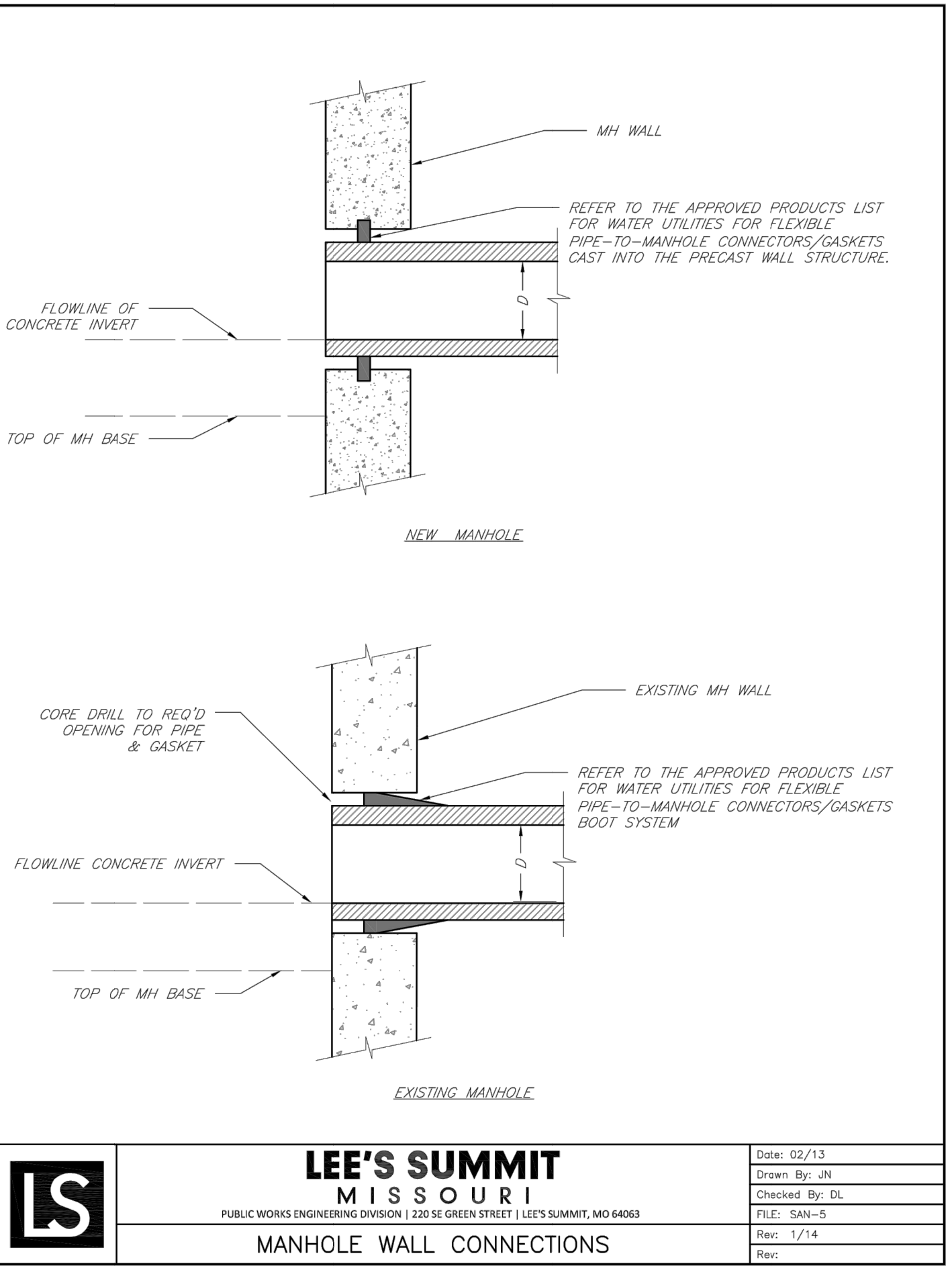
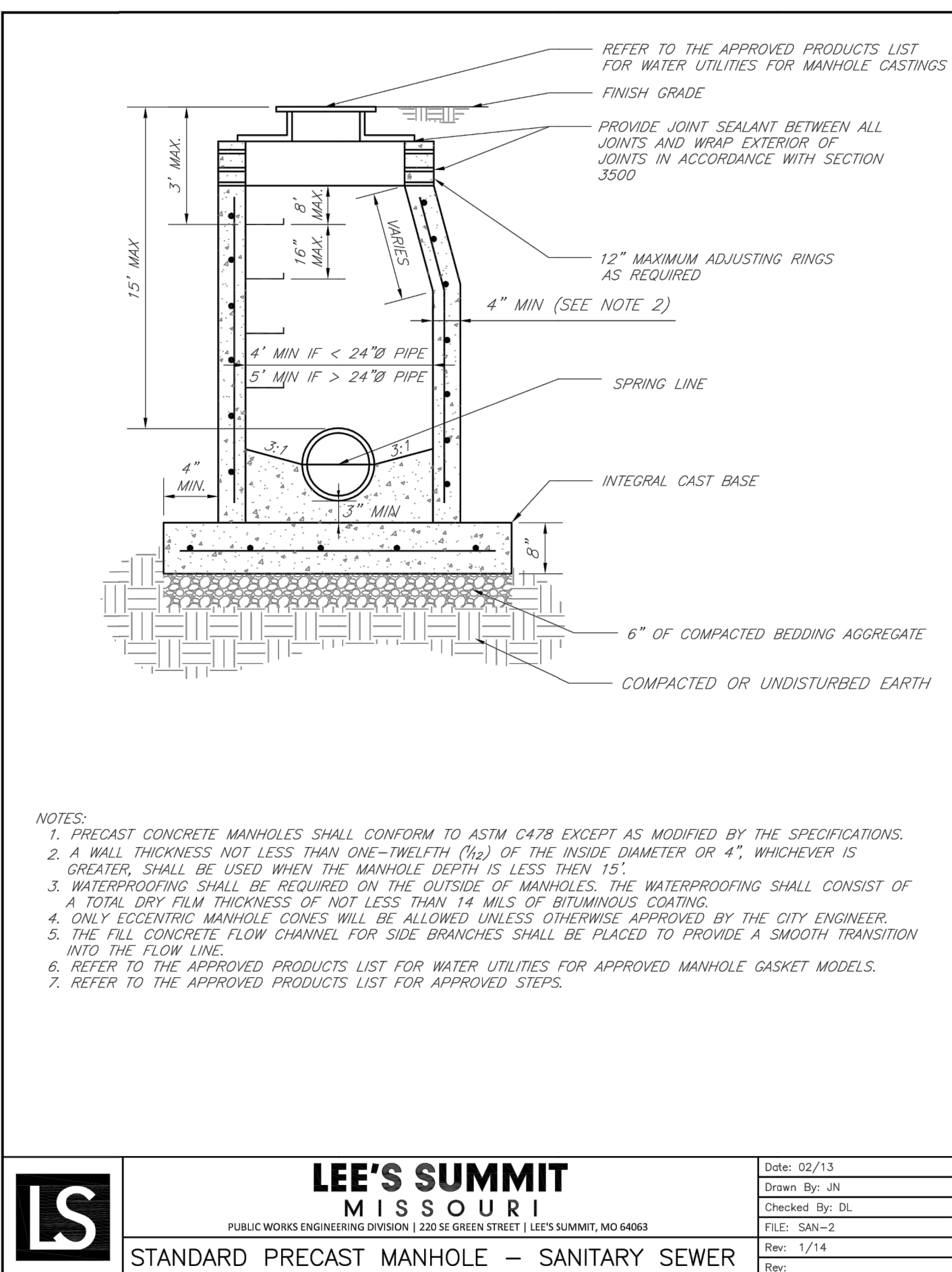
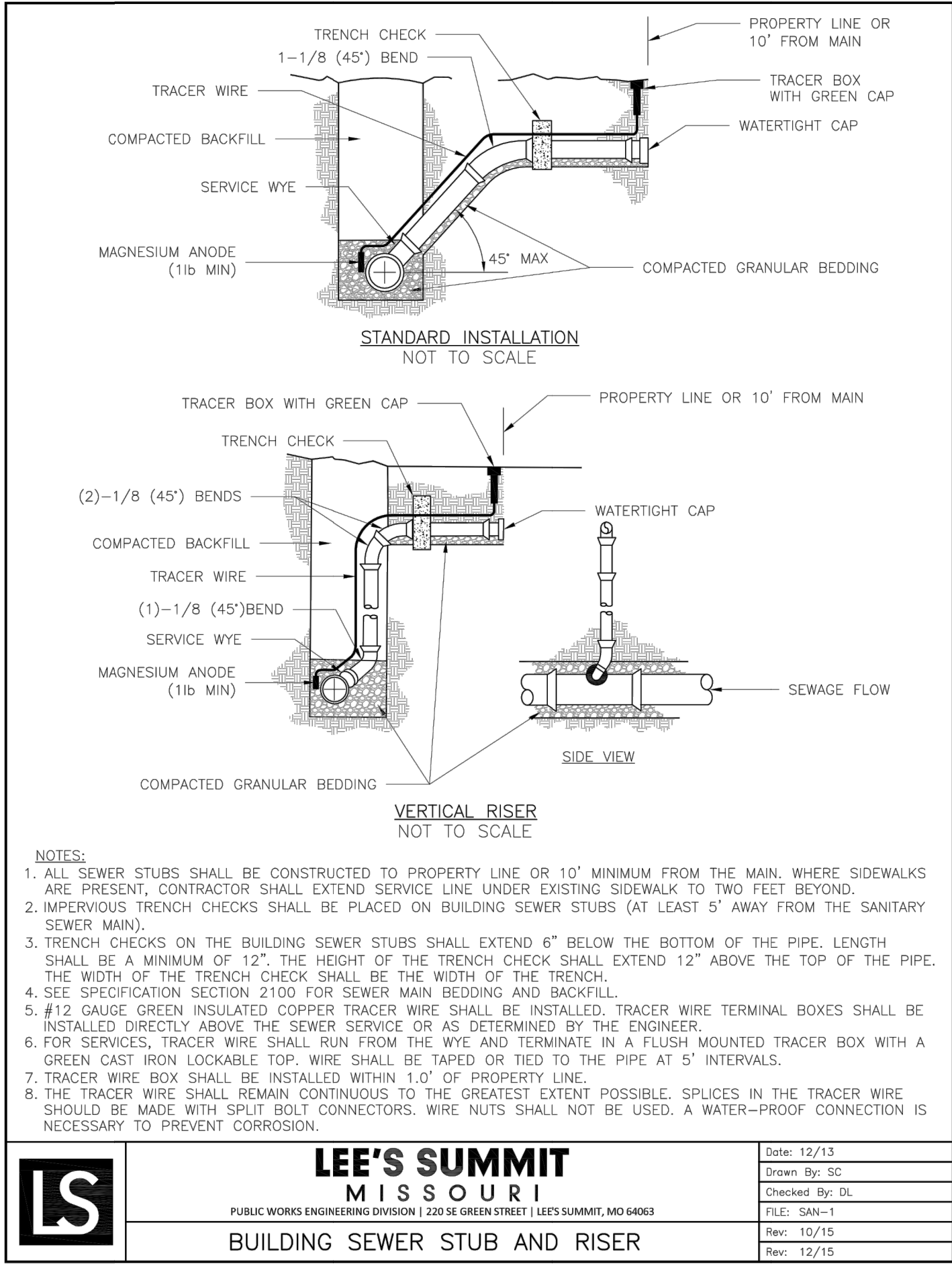
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Kansas
Engineering E-1895
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Project: Monticello
Sanitary Plan and Profile
Construction Plans for:
Monticello 4th Plat
Lee's Summit, Jackson County, Missouri

Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25526

REVISIONS
REV. 6/9/2020
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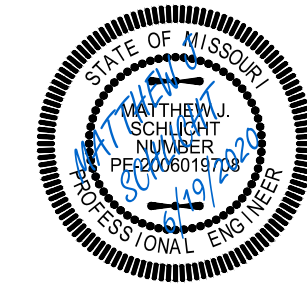
C.404



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Monticello 4th Plat
Lee's Summit, Jackson County, Missouri

Sanitary Details
Construction Plans for:
Monticello 4th Plat
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 190071
OK PE 245226

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REV. 6/9/2020
REV. 6/19/2020