### **INDEX OF SHEETS**

SHEET NO. C301 SANITARY SEWER PLAN AND PROFILE SHEET NO. STORM SEWER PLAN AND PROFILES SHEET NO. STANDARD SANITARY SEWER DETAILS C305 SHEET NO. STANDARD STORM SEWER DETAILS WATER LINE PLAN AND PROFILE SHEET NO. C401 SHEET NO. C402 STANDARD WATER LINE DETAILS

# CITY OF LEE'S SUMMIT, MISSOURI

### **GENERAL NOTES**

- 1. ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF CITY OF LEE'S SUMMIT, MISSOURI.
- 2. LINEAL FOOT MEASUREMENTS SHOWN ON THE PLANS ARE HORIZONTAL MEASUREMENTS, NOT SLOPE MEASUREMENTS. ALL PAYMENTS SHALL BE MADE ON HORIZONTAL MEASUREMENTS.
- 3. THE UTILITY LOCATIONS SHOWN ON THESE PLANS ARE TAKEN FROM UTILITY COMPANY RECORDS AND ARE APPROXIMATE ONLY. THEY DO NOT CONSTITUTE ACTUAL FIELD LOCATIONS. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL ADHERE TO THE PROVISIONS OF THE SENATE BILL NUMBER 583, 78TH GENERAL ASSEMBLY OF THE STATE OF MISSOURI. THE BILL REQUIRES THAT ANY PERSON OR FIRM DOING EXCAVATION ON PUBLIC RIGHT-OF-WAY DO SO ONLY AFTER GIVING NOTICE TO, AND OBTAINING INFORMATION FROM, UTILITY COMPANIES. STATE LAW REQUIRES 48 HOURS ADVANCE NOTICE. THE NAMES AND TELEPHONE NUMBERS OF UTILITY COMPANIES EVEN IF ONLY REMOTELY INVOLVED WITH THIS PROJECT ARE AS FOLLOWS:

ELECTRIC	KANSAS CITY POWER & LIGHT CO.	888-474-5275
GAS	MISSOURI GAS ENERGY	816-756-5252
WATER	CITY OF LEE'S SUMMIT	816-969-1940
TELEPHONE AT	Ī	800-464-7928
SEWER	CITY OF LEE'S SUMMIT	816-969-1940
CABLE TV	TIME WARNER	816-358-8833
	COMCAST	816-833-3400

THE CONTRACTOR MAY ALSO UTILIZE THE FOLLOWING TOLL FREE PHONE NUMBER PROVIDED BY "MISSOURI ONE CALL SYSTEM, INC.": 1-(800)-DIG RITE. THIS PHONE NUMBER IS APPLICABLE ANYWHERE WITHIN THE STATE OF MISSOURI. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION TO BE PERFORMED.

- 5. PRIOR TO ORDERING PREFRABRICATED STRUCTURES, SHOP DRAWINGS SHALL BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL.
- 6. THE CONTRACTOR SHALL PROTECT ALL MAJOR TREES FROM DAMAGE. NO TREE SHALL BE REMOVED WITHOUT PERMISSION OF THE OWNER. UNLESS SHOWN OTHERWISE.
- 7. CLEARING AND GRUBBING OPERATIONS AND DISPOSAL OF ALL DEBRIS SHALL BE PERFORMED BY THE CONTRACTOR IN STRICT ACCORDANCE WITH ALL LOCAL CODES
- 8. ALL MANHOLES, CATCH BASINS, UTILITY VALVES AND METER PITS TO BE ADJUSTED OR REBUILT TO GRADE AS REQUIRED. ALL EXISTING UTILITIES SHALL BE ADJUSTED. AS REQUIRED
- 9. ALL EXCESS AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF AT A LOCATION OFF SITE PROVIDED BY THE CONTRACTOR.
- 10. SUBGRADE SOIL FOR ALL CONCRETE STRUCTURES, REGARDLESS OF THE TYPE OR LOCATION. SHALL BE FIRM. DENSE AND THOROUGHLY COMPACTED AND CONSOLIDATED: SHALL BE FREE FROM MUCK AND MUD; AND SHALL BE SUFFICIENTLY STABLE TO REMAIN FIRM AND INTACT UNDER THE FEET OF THE WORKMEN OR MACHINERY ENGAGED IN SUBGRADE SURFACING, LAYING REINFORCING STEEL, AND DEPOSITING CONCRETE THEREON. IN ALL CASES WHERE SUBSOIL IS MUCKY OR WORKS INTO MUD OR MUCK DURING SUCH OPERATION, A SEAL COURSE OF EITHER CONCRETE OR ROCK SHALL BE PLACED BELOW SUBGRADE TO PROVIDE A FIRM BASE FOR WORKING AND FOR PLACING THE FLOOR SLAB.
- 11. ALL EXCAVATION SHALL BE UNCLASSIFIED. NO SEPARATE PAYMENT WILL BE MADE FOR ROCK EXCAVATION.

### NOTE:

BY USE OF THESE PLANS THE CONTRACTOR AGREES THAT HE/SHE SHALL BE SOLELY RESPONSIBLE FOR THE SAFETY OF THE CONSTRUCTION WORKERS AND OF THE PUBLIC.

### NOTE:

"ALL CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS SET FORTH BY THE KANSAS CITY CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION AND THE CITY OF LEE'S SUMMIT, MISSOURI, WHICHEVER IS MORE STRICT."

### **SPECIFICATIONS**

ALL WORK PERFORMED AND MATERIALS FURNISHED WITHIN PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF CITY OF LEE'S SUMMIT, MISSOURI. THE CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE CURRENT SPECIFICATIONS OF THE "AMERICAN PUBLIC WORKS ASSOCIATION, KANSAS CITY METROPOLITAN CHAPTER" AND ARE HEREBY MADE THE SPECIFICATIONS FOR THIS SET OF PLANS BY REFERENCE AS THOUGH FULLY SET FORTH HEREIN.



**GENERAL LOCATION** 

SCALE: 1"=500" 500 250 0

**DESIGN ENGINEER** MATT EBLEN 1700 SWIFT AVE, SUITE 100 /1\ NORTH KANSAS CITY, MO 913-307-2588 MEBLEN@MECRESULTS.COM

# FLOOD NOTE:

THIS PROPERTY LIES WITHIN FLOOD ZONE X, DEFINED AS AREAS OF DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS SHOWN ON THE FLOOD INSURANCE RATE MAP, PREPARED BY THE FEDERAL EMERGENCY AGENCY'S NATIONAL FLOOD INSURANCE PROGRAM FOR LEE'S SUMMIT, JACKSON COUNTY, MISSOURI, MAP NUMBER 29095C0285F AND DATED SEPTEMBER 29, 2006.

### PROJECT BENCHMARKS

BENCHMARK 1 ELEV.: 982.17 SET 5 PUNCH HOLES IN THE TOP OF A SOUTHWEST FLANGE BOLT ON A FIRE HYDRANT IN THE SOUTHEAST QUADRANT OF SOUTH RING ROAD AND DRIVE ENTRANCE SOUTHWEST OF THE HELICOPTER PAD.

BENCHMARK 2 ELEV.: 983.85 SET 5 PUNCH HOLES IN THE TOP OF A SOUTHWEST FLANGE BOLT ON A FIRE HYDRANT IN THE SOUTHEAST QUADRANT OF SOUTH RING ROAD AND PARK LOT E TO 50± DUE SOUTH OF THE SOUTHWEST CORNER OF MEDICAL OFFICE BUILDING.

### **LEGAL DESCRIPTION:**

ALL OF LOT 1, SAINT LUKES HOSPITAL OF LEE'S SUMMIT LOTS 1 & 2, A SUBDIVISION OF LAND IN THE CITY OF LEE'S SUMMIT, JACKSON COUNTY, MISSOURI.

PREPARED & SUBMITTED BY:

## McCLURE

1700 SWIFT STREET, SUITE

DATE

**ACCEPTED BY:** 

DATE

	ITEM DESCRIPTION	UNITS	QUANTITY
(	8" PVC PIPE (SDR-26)	L.F.	448
(	4'-0" I.D. SANITARY MANHOLE	EACH	3
\	15" R.C.P. (CLASS III)	L.F.	82
(	18" R.C.P. (CLASS III)	L.F.	110
	30" R.C.P. (CLASS III)	L.F.	506
	4'x4' CURB INLET	EACH	1
	5'x4' CURB INLET	EACH	2
(	5'x5' CURB INLET	EACH	1
7	6'x5' CURB INLET	EACH	1
- \	8'x5' CURB INLET	EACH	2
(	4'x4' AREA INLET	EACH	2
\	11'x3' CURB INLET CONVERTED TO JUNCTION BOX	EACH	1 4
(	STREET REPAIR & CURB REPLACEMENT	L.F.	48 <i>)</i>
<b>\</b>	CONNECTION TO EXISTING STRUCTURE	EACH	-
(	8" PVC C900 PIPE	L.F.	
· >	CONNECTIONS TO EXISTING	EACH	2
(	8"x6" TEE	EACH	2
->	8"x6" TEE AND FIRE HYDRANT	EACH	3
	6" GATE VALVE	EACH	_
7	8" GATE VALVE	EACH	2
	90° HORIZONTAL BEND	EACH	1
7	45° HORIZONTAL BEND	EACH	2
\	, 11 ¼° HORIZONTAL BEND	EACH	1
(	22 ½° HORIZONTAL BEND	EACH	1 <i>)</i>
- /	O" COLID CLEEVE	EACH	2 1





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with respect to any errors, omissions, consistencies, ambiguities, or conflicts which

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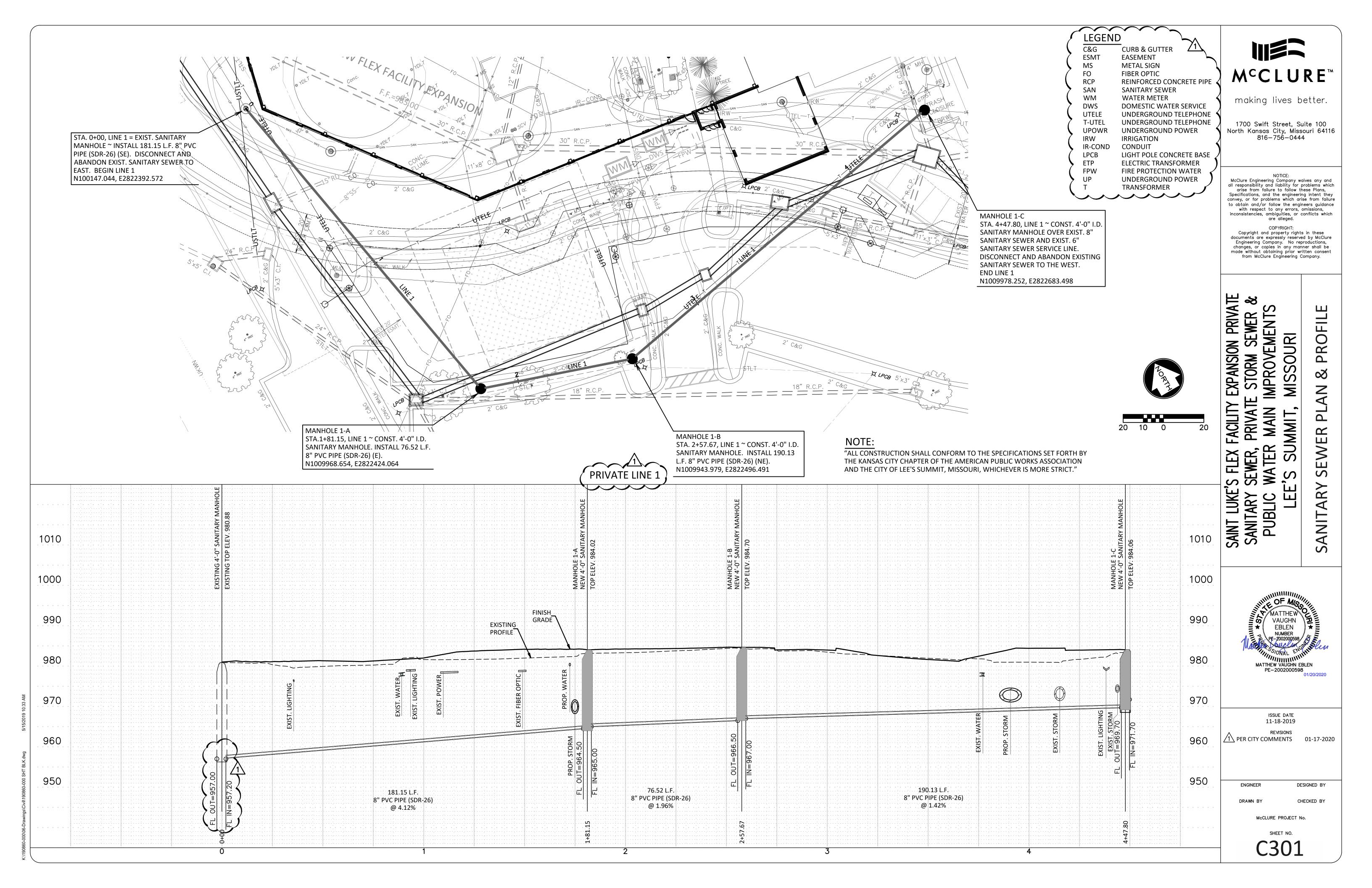
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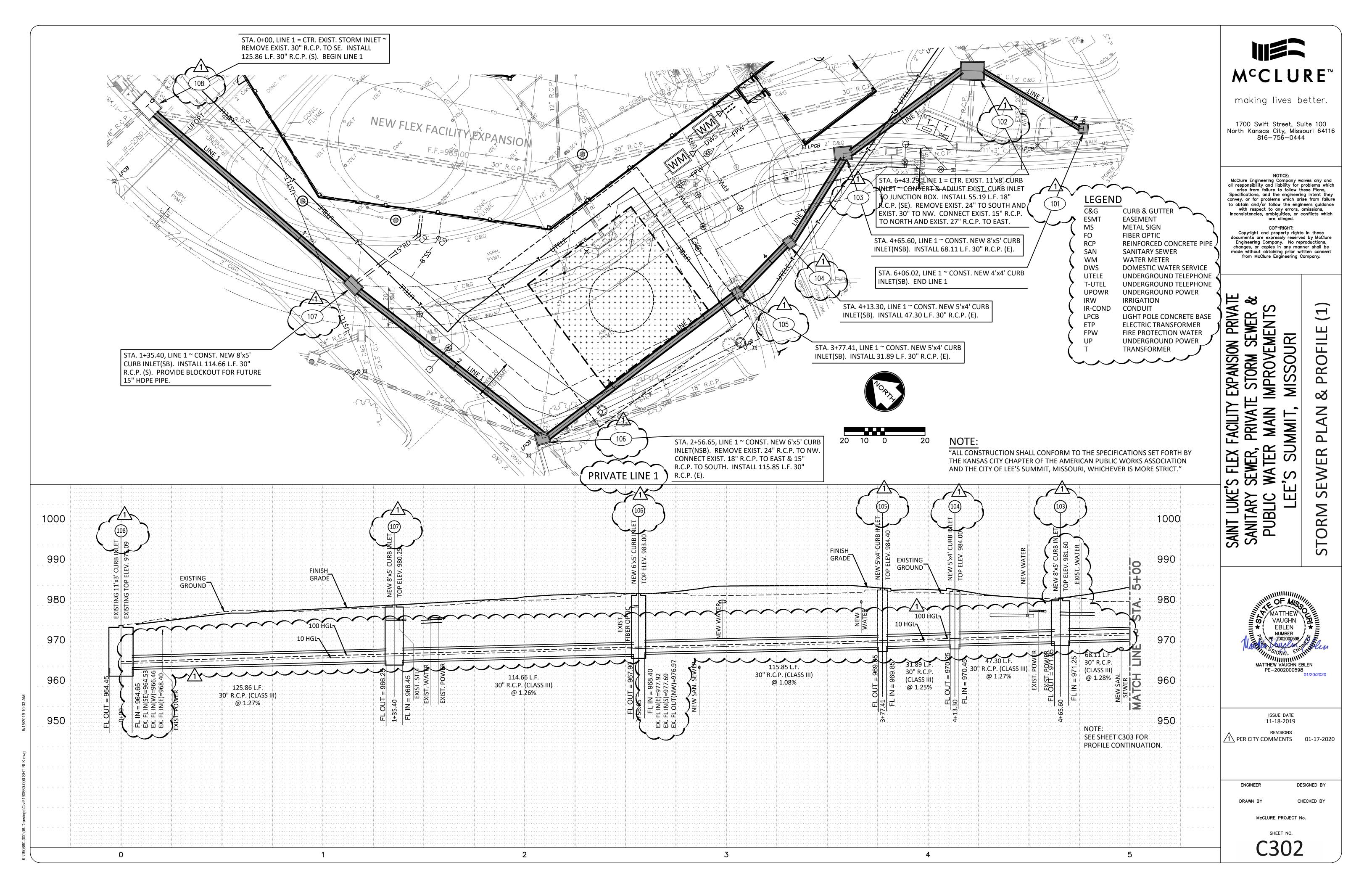
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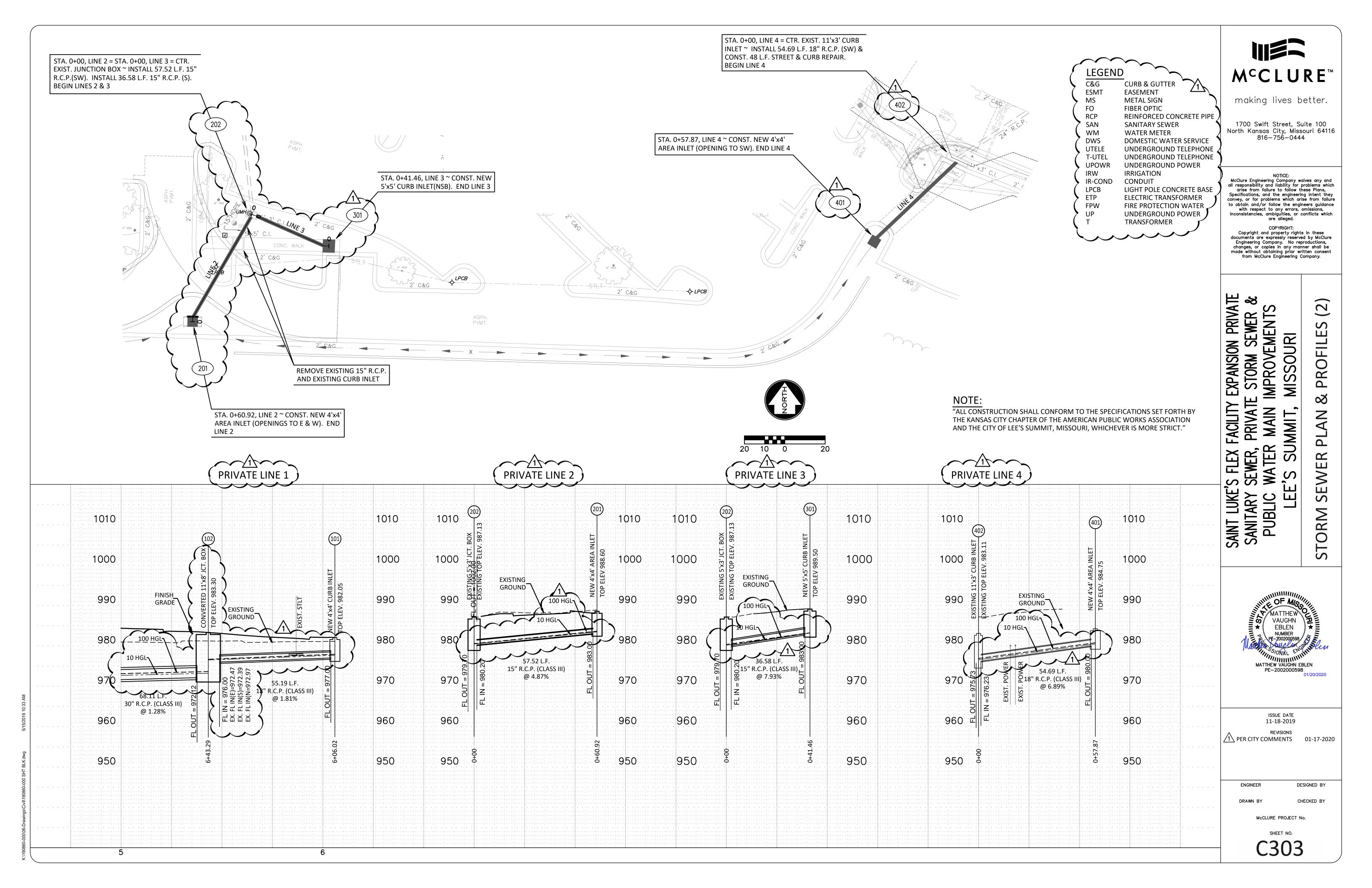
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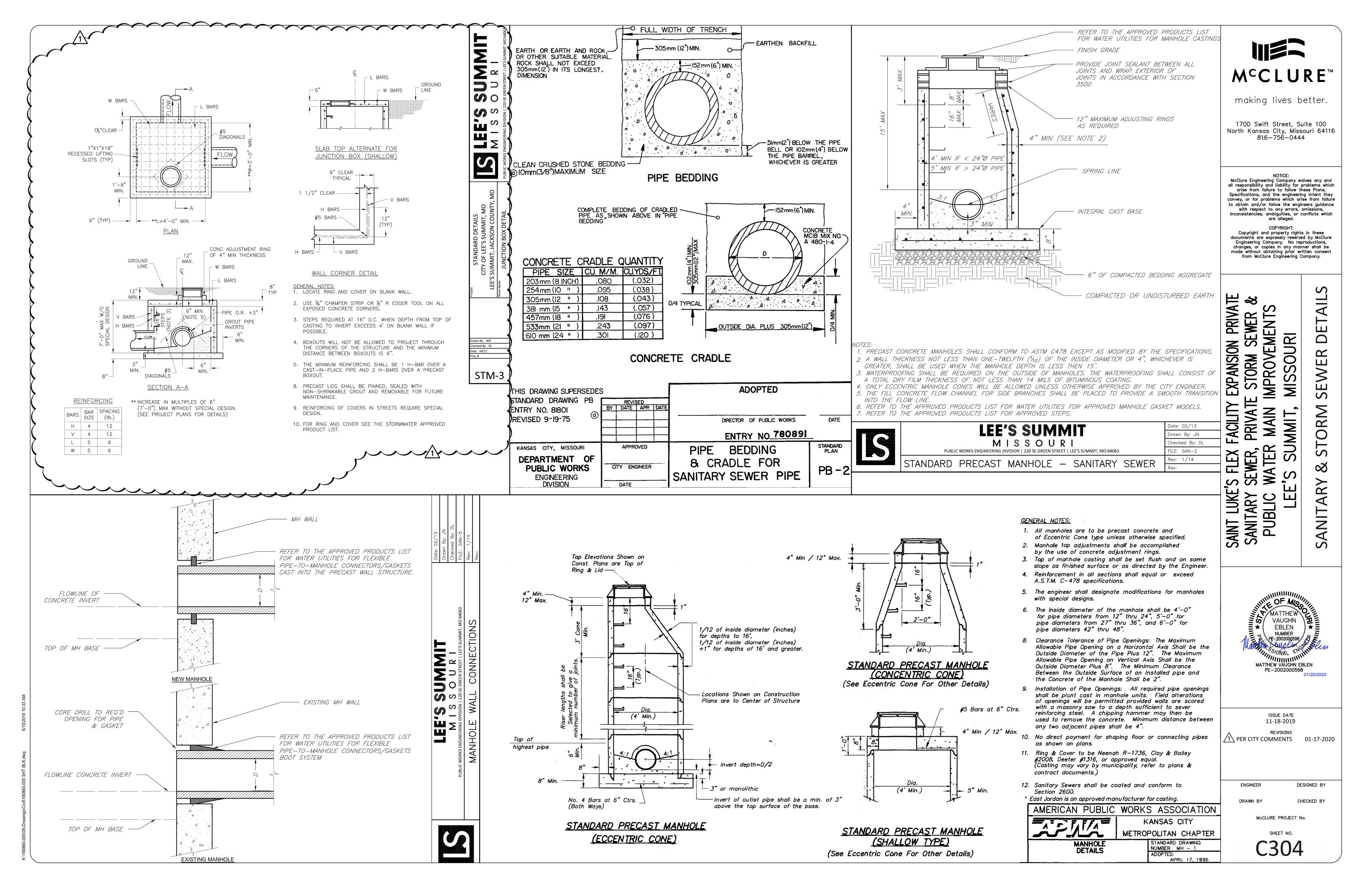
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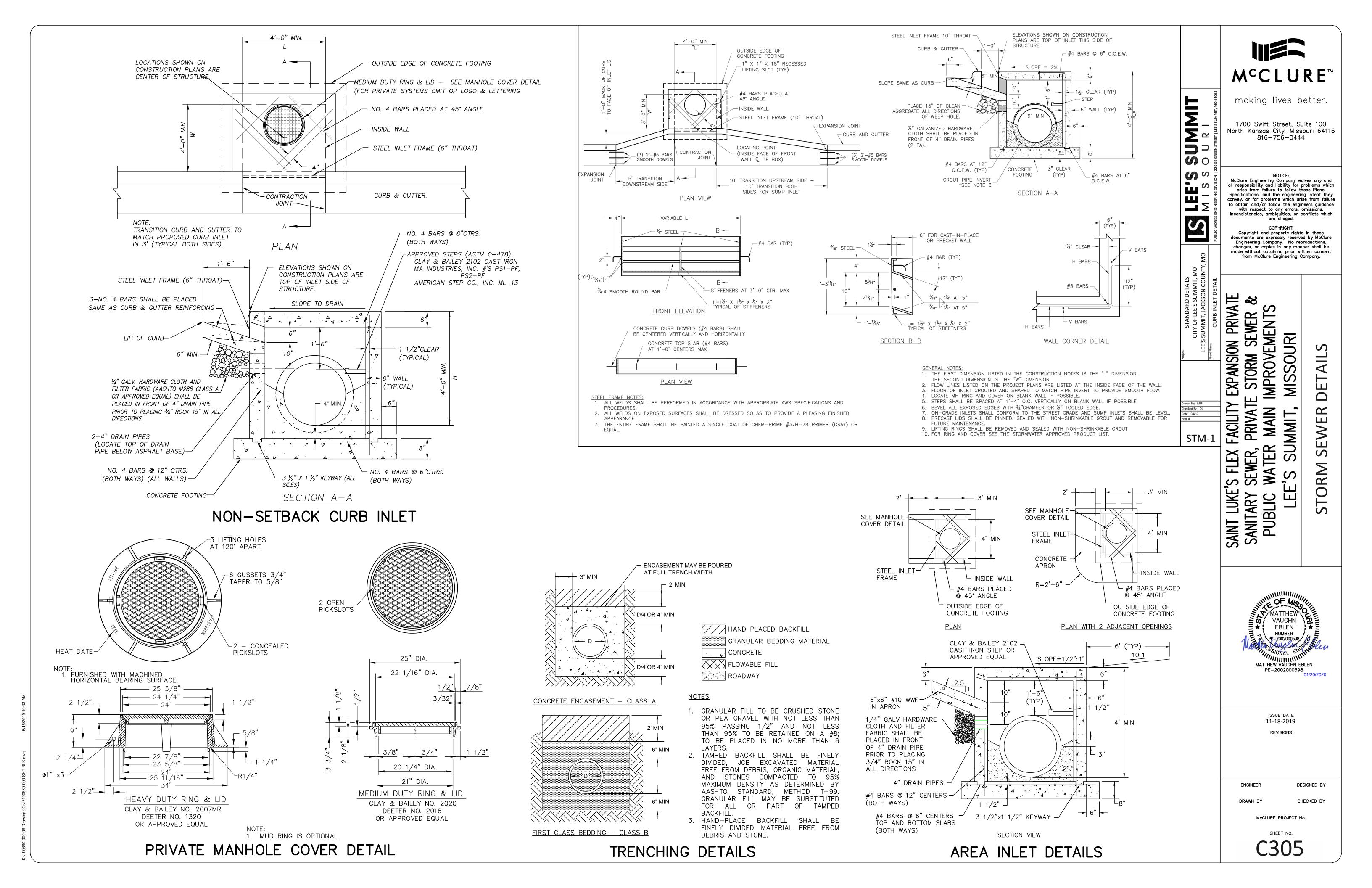
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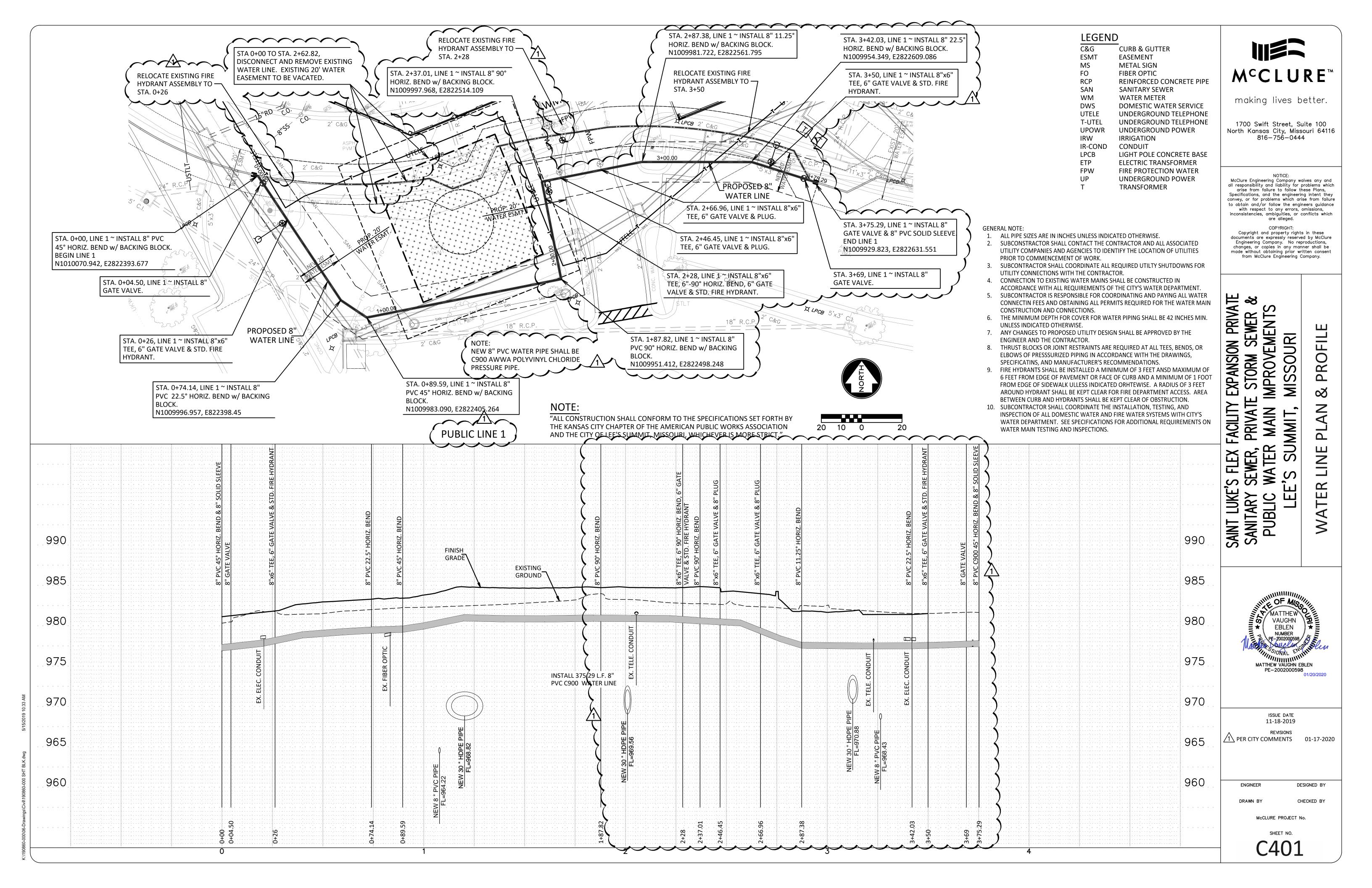


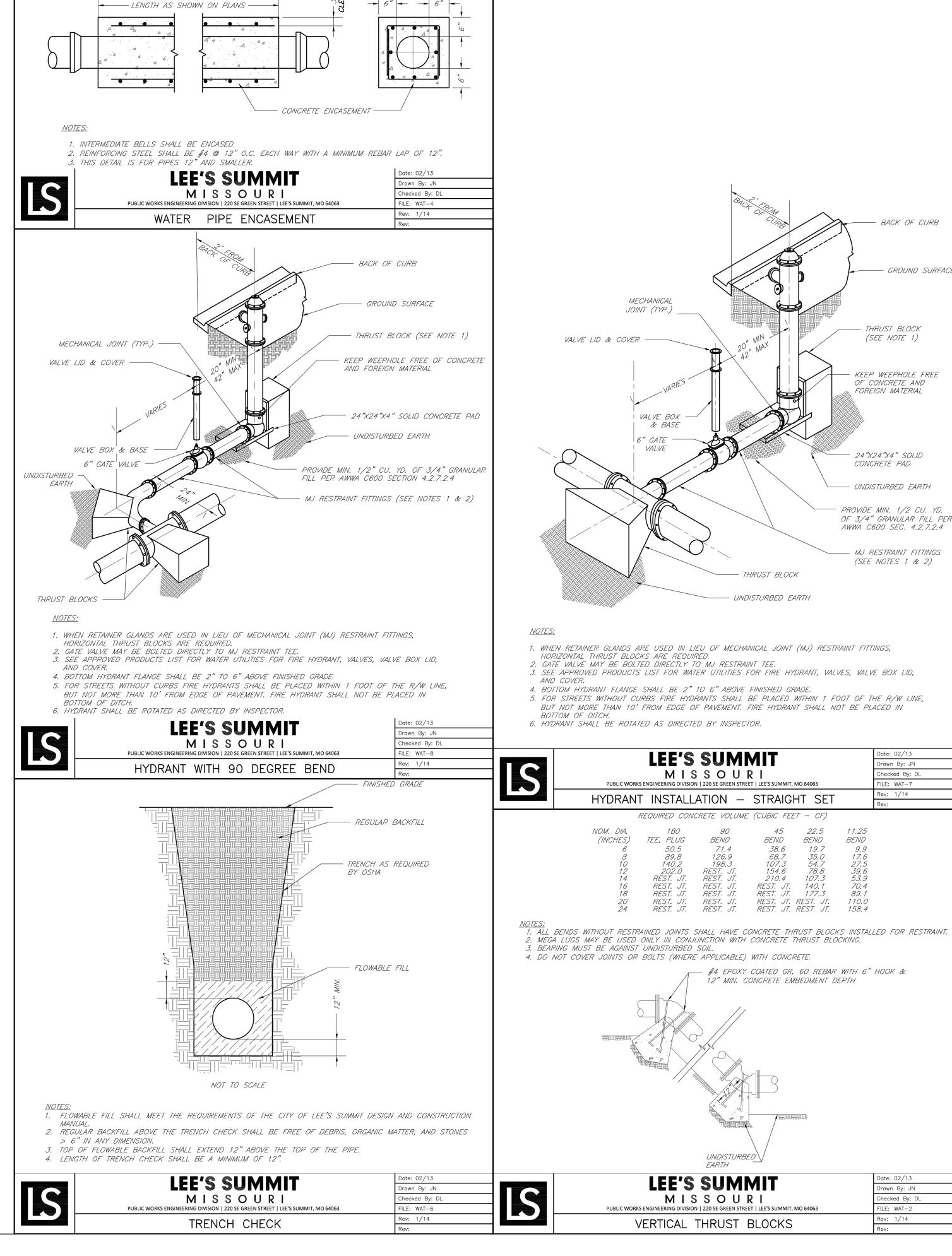


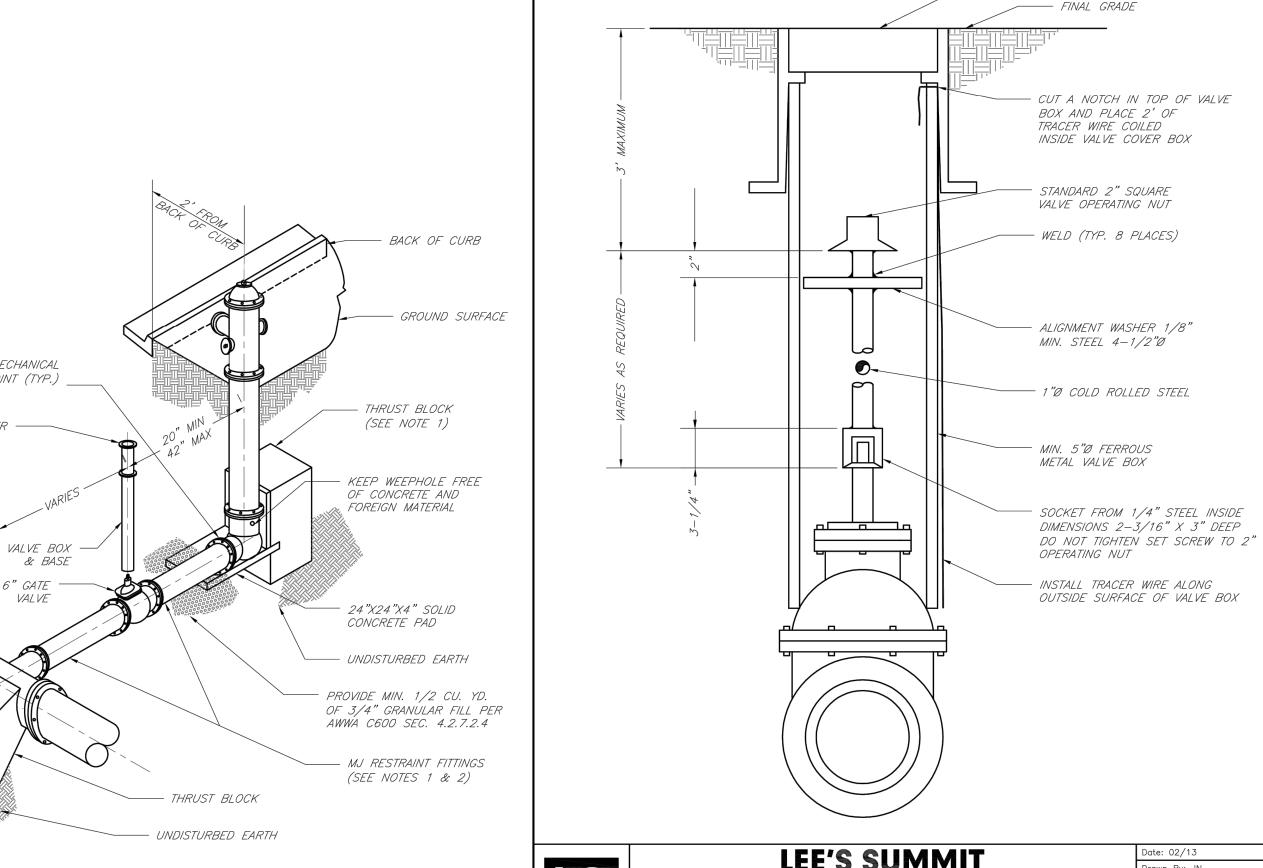












rawn By: JN

hecked By: DL

ILE: WAT-7 Rev: 1/14

Date: 02/13

rawn By: JN

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REST. JT REST. JT

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#4 EPOXY COATED GR. 60 REBAR WITH 6" HOOK &

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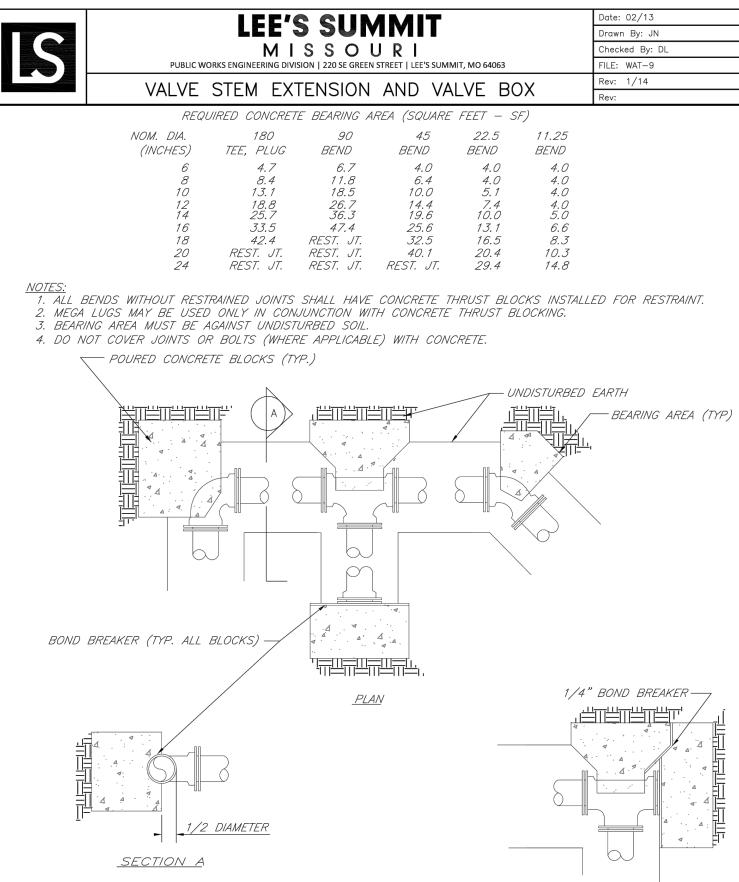
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71.4 126.9 198.3

REST. JT. REST. JT. REST. JT.

UNDISTURBED\ EARTH



**LEE'S SUMMIT** 

MISSOURI

PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

HORIZONTAL THRUST BLOCKS



VALVE COVER

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ON PRIVATE SEWER & EMENTS

STORM

**PRIVA** 

SAINT LUKE SANITARY PUBLIC

SEWER, WATER

**EXPANSION** 

ACILITY

IPROVEME

AIL OUR RD AN

ST

VAUGHN **EBLEN** NUMBER PE-2002000598

> ISSUE DATE 11-18-2019 REVISIONS

ENGINEER DESIGNED BY DRAWN BY CHECKED BY

McCLURE PROJECT No.

SHEET NO.

C402

Drawn By: JN

FILE: WAT-1 Rev: 1/14

hecked By: DL