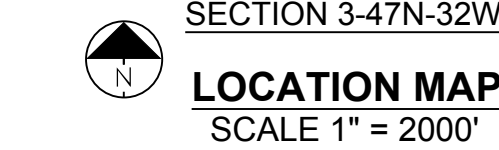


WATER LINE PLANS FOR WINTERSET VALLEY, 13TH PLAT IN THE CITY OF LEE'S SUMMIT JACKSON COUNTY, MISSOURI

- ACCESS EASEMENT
- BACK OF CURB
- BACK TO BACK
- BENCHMARK
- BUILDING LINE
- CLEANOUT
- TELEPHONE JUNCTION BOX
- CURB AND GUTTER
- DRAINAGE EASEMENT
- ELECTRICAL EASEMENT
- ELEVATION
- FLOW LINE
- GAS LINE EASEMENT
- HIGH-DENSITY POLYETHYLENE
- LANDSCAPE EASEMENT
- MINIMUM SERVICEABLE FLOOR ELEVATION
- POLYVINYL CHLORIDE
- PROPERTY LINE
- PUBLIC EASEMENT
- REINFORCED CONCRETE PIPE
- RIGHT-OF-WAY
- SANITARY SEWER EASEMENT
- SERVICE LINE
- SIDEWALK
- TOP ELEVATION
- UTILITY EASEMENT
- WATER SURFACE ELEVATION
- WATERLINE EASEMENT

MISSOURI DEPARTMENT OF
TRANSPORTATION (MODOT)

MISSOURI GAS ENERGY (MGE)

KANSAS CITY POWER & LIGHT
COMPANY (KCP&L)

CITY OF LEES SUMMIT DEVELOPMENT
SERVICES

AT&T
Mark Manion or Marty Loper
500 E. 8th Street, Room 370
Kansas City, MO 64106
(816) 275-2341 or (816) 275-1550

PUBLIC WATER SUPPLY DISTRICT

SUMMARY OF QUANTITIES			
	ITEM	QUANTITY	UNITS
1	CONNECT TO EXISTING WATER LINE	1	EA
2	FIRE HYDRANT ASSEMBLY	3	EA
3	END OF LINE TEMPORARY FIRE HYDRANT ASSEMBLY	1	EA
4	REMOVE TEMPORARY FIRE HYDRANT ASSEMBLY	1	EA
5	8" C-900 PVC	974	LF
6	8" CLASS 90 D.I.P.	22	LF
7	12" C-900 PVC	348	LF
8	8" GATE VALVE	2	EA
9	12" BUTTERFLY VALVE	2	EA
10	8" 11.25" PVC BEND	5	EA
11	8" 22.5" PVC BEND	16	EA
12	8" 45" PVC BEND	6	EA
13	12"x8" REDUCER	2	EA
14	12" 11.25" PVC BEND	1	EA
15	12" 45" PVC BEND	2	EA
16	12"x8" TEE	2	EA

Sheet List Table	
Sheet Number	Sheet Title
1	COVER SHEET
2	GENERAL LAYOUT
3	WATER LINE 1 & 2
4	WATER LINE 3
5	WATER LINE DETAILS

SCHLAGEL & ASSOCIATES, P.A.

CITY ENGINEER

DATE _____

GALE COMMUNITIES, INC.

BM JA-136, LOCATED AT INTERSECTION OF SW OLDHAM PARKWAY AND SW WARD ROAD, 61 FT SOUTH OF CL OF OLDHAM PARKWAY AND 28.9 FT EAST OF THE EAST EDGE OF WARD ROAD.

PROJECT BENCH MARK:

SANITARY MANHOLE H2 AT NW CORNER OF LOT 1153 WINTERSET
VALLEY 1ST PLAT, APPROX. 39' RT. OF CL OF NW PEALE BLVD.

ELEV. 935.45'



WINTERSET VALLEY, 13TH PLAT
WATER LINE PLANS

NW THOREAU DRIVE AND AUDUBON
LEE'S SUMMIT, MISSOURI

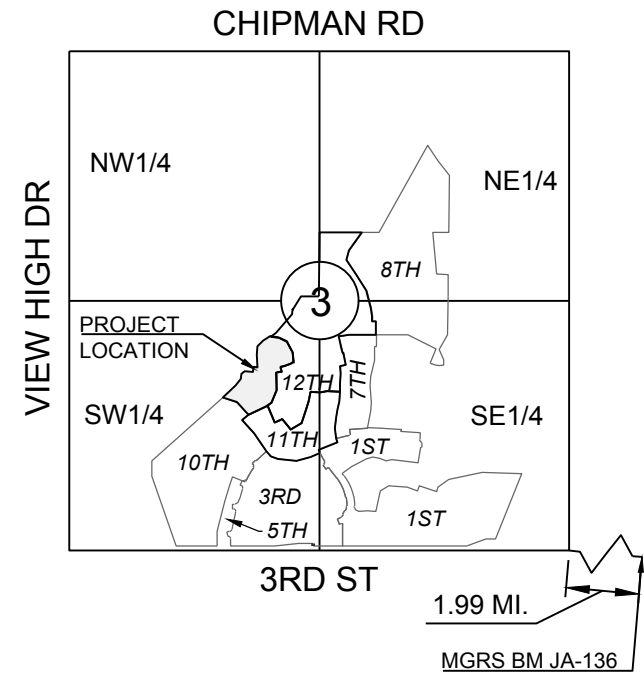
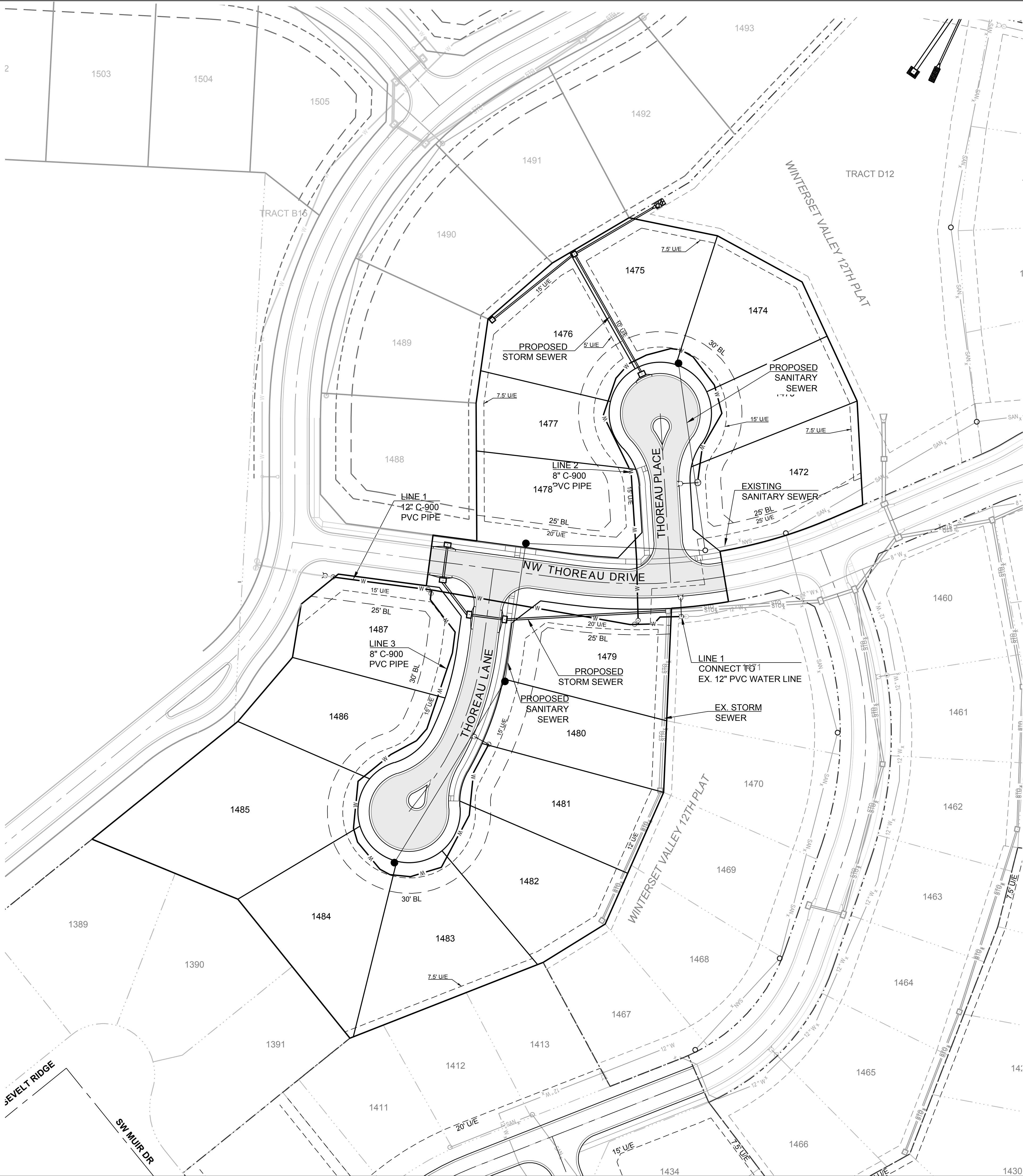
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CITY COMMENTS	1/4/9-19	KSC
	2/4/9-19	
	3/4/9-19	CHECKED BY:
	4/4/9-19	MAB
	5/4/9-19	
	6/4/9-19	DATE PREPARED:
	7/4/9-19	2-15-19
	8/4/9-19	PROJ. NUMBER:
	9/4/9-19	18-270

COVER SHEET

SHEET

1
OF 5

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SECTION 3-47N-32W
LOCATION MAP
SCALE 1" = 2000'

**MISSOURI GEOGRAPHIC REFERENCE SYSTEM
BENCH MARK:**

BM JA-136, LOCATED AT INTERSECTION OF SW OLDHAM PARKWAY AND SW WARD ROAD, 61 FT SOUTH OF CL OF OLDHAM PARKWAY AND 28.9 FT EAST OF THE EAST EDGE OF WARD ROAD.

ELEV. 993.11'

PROJECT BENCH MARK:

SANITARY MANHOLE H2 AT NW CORNER OF LOT 1153 WINTERSET VALLEY 1ST PLAT, APPROX. 39' RT. OF CL OF NW PEALE BLVD.

ELEV. 935.45'

GENERAL NOTES:

1. ALL CONSTRUCTION TO FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATIONS.
3. FOR ALL WATER LINES THE MAXIMUM DEPTH OF COVER IS SEVEN (7) FEET.



0 50' 100'
SCALE: 1" = 50'

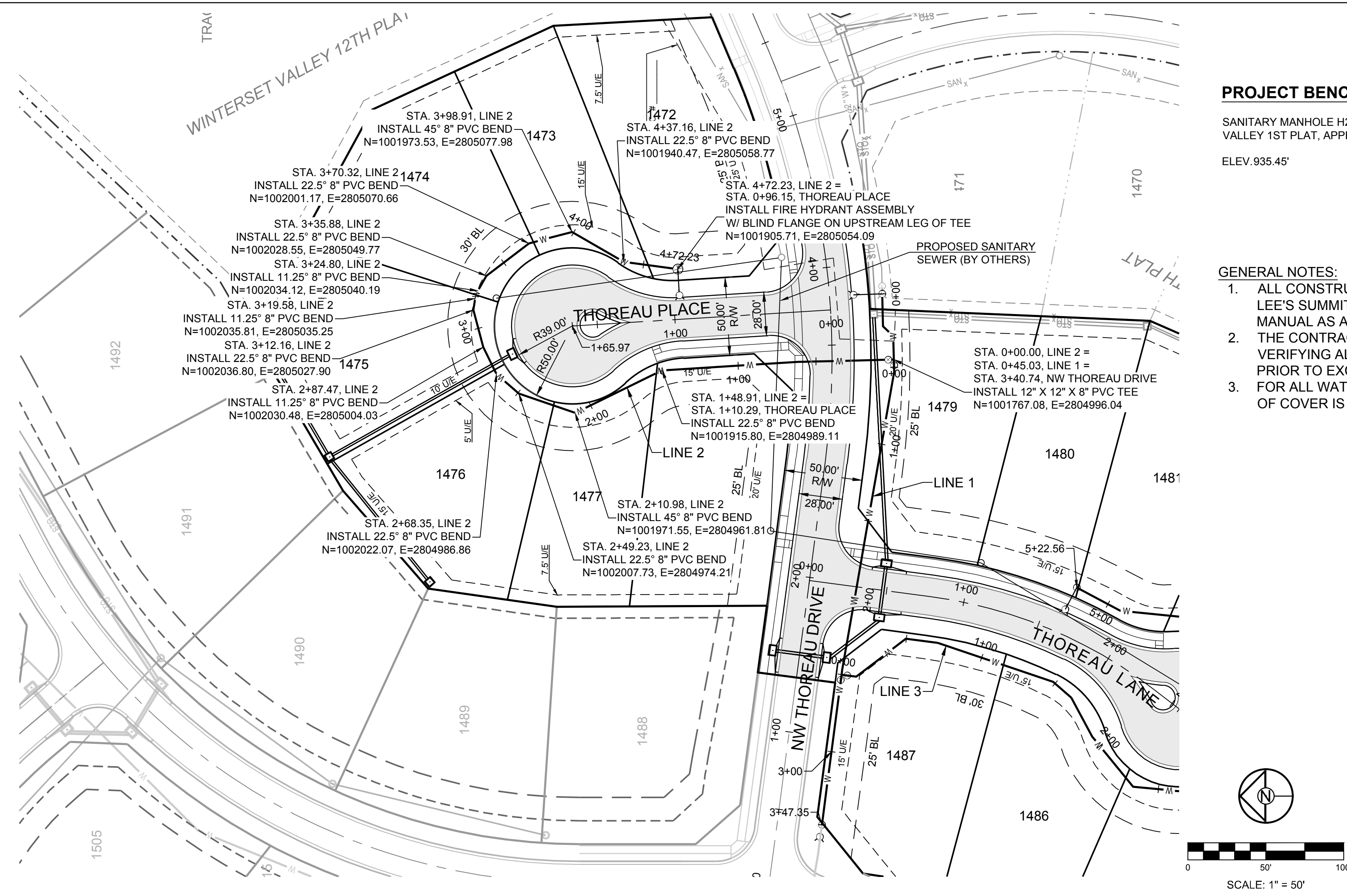
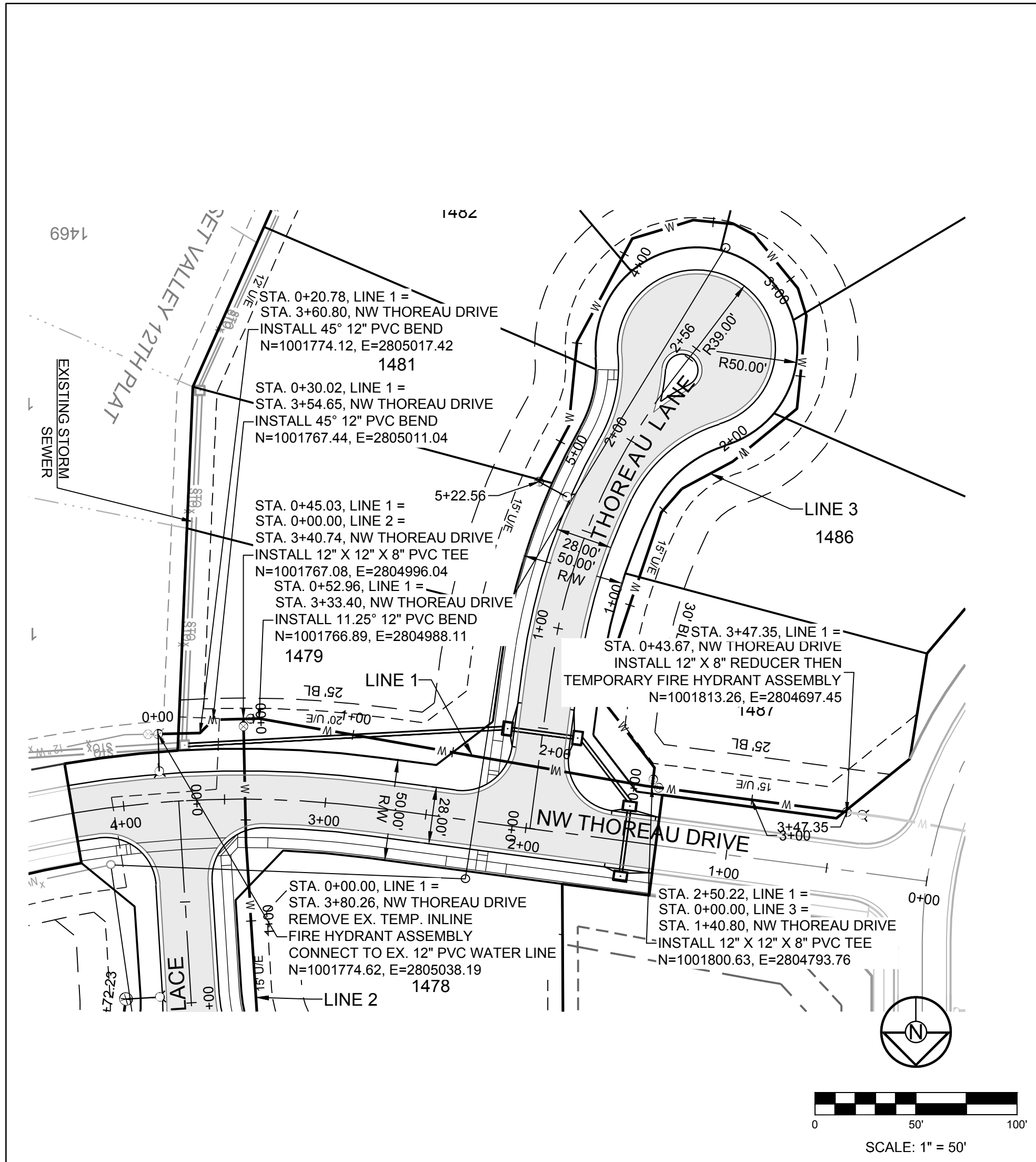
SCHLAGEL & ASSOCIATES, P.A.
Engineers-Planners-Surveyors-Landscape Architects
14920 West 107th Street • Lenexa, Kansas 66215
(913) 492-5158 • Fax: (913) 492-8400
WWW.SCHLAGELASSOCIATES.COM
Missouri State Certificates of Authority
#E2002003600-F #LAC200100237 #LS200200859-F

**WINTERSET VALLEY, 13TH PLAT
WATER LINE PLANS
NW THOREAU DRIVE AND AUDUBON LANE
LEE'S SUMMIT, MISSOURI**

REVISION DATE	DESCRIPTION
1/4/19	CITY COMMENTS
2/4/19	
3/4/19	
4/4/19	
5/4/19	
6/4/19	
7/4/19	
8/4/19	
9/4/19	
10/4/19	
11/4/19	
12/4/19	

**GENERAL
LAYOUT**

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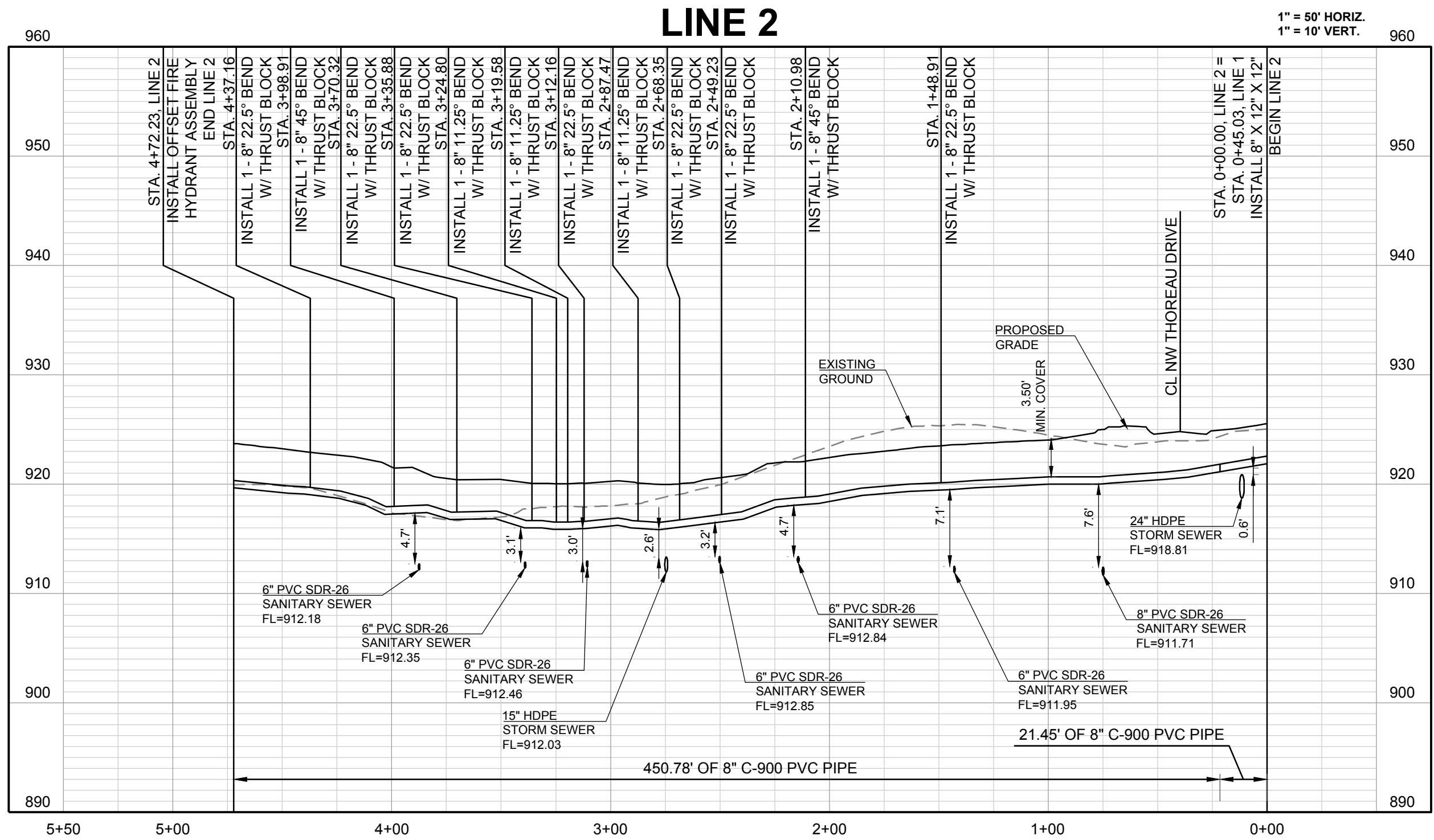
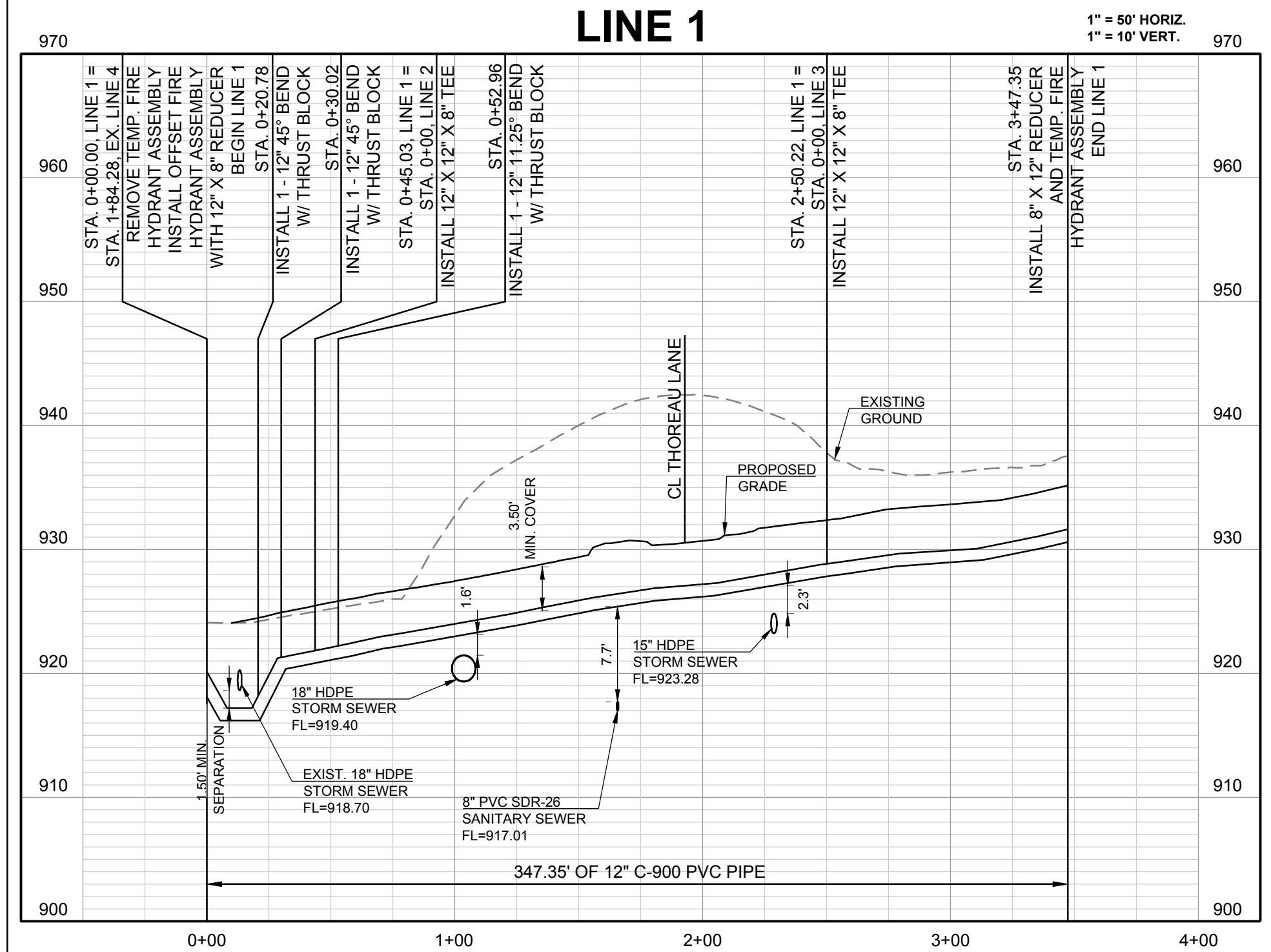


PROJECT BENCH MARK:

SANITARY MANHOLE H2 AT NW CORNER OF LOT 1153 WINTERSET VALLEY 1ST PLAT, APPROX. 39' RT. OF CL OF NW PEALE BLVD.
ELEV. 935.45'

GENERAL NOTES:

- ALL CONSTRUCTION TO FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATIONS.
- FOR ALL WATER LINES THE MAXIMUM DEPTH OF COVER IS SEVEN (7) FEET.



WINTERSET VALLEY, 13TH PLAT

WATER LINE PLANS

NW THOREAU DRIVE AND AUDUBON LANE

LEE'S SUMMIT, MISSOURI

REVISION DATE

DESCRIPTION

CITY COMMENTS

1	4-9-19	
2		
3		
4		
5		
6		
7		
8		

DRAWN BY:

KSC

CHECKED BY:

MAB

DATE PREPARED:

2-15-19

PROJ. NUMBER:

18-230

WATER LINE 1 & 2

SHEET

3

OF 5

SCHLAGEL & ASSOCIATES, P.A.

Engineers-Planners-Surveyors-Landscape Architects

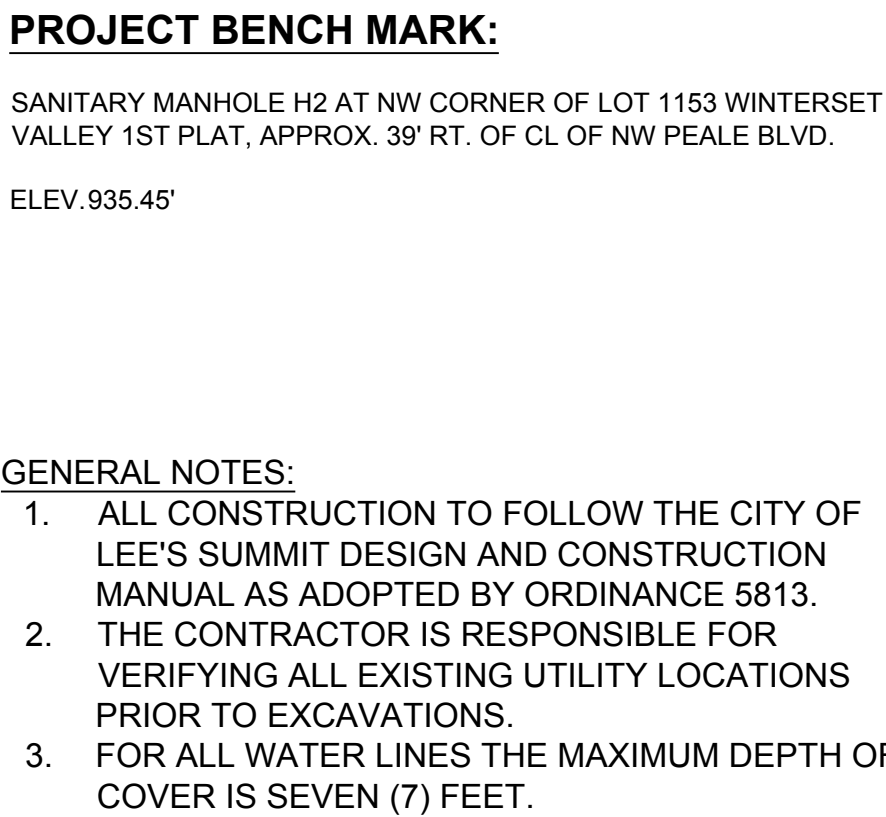
14920 West 107th Street • Lenexa, Kansas 66215

(913) 492-5188 • Fax: (913) 492-8400

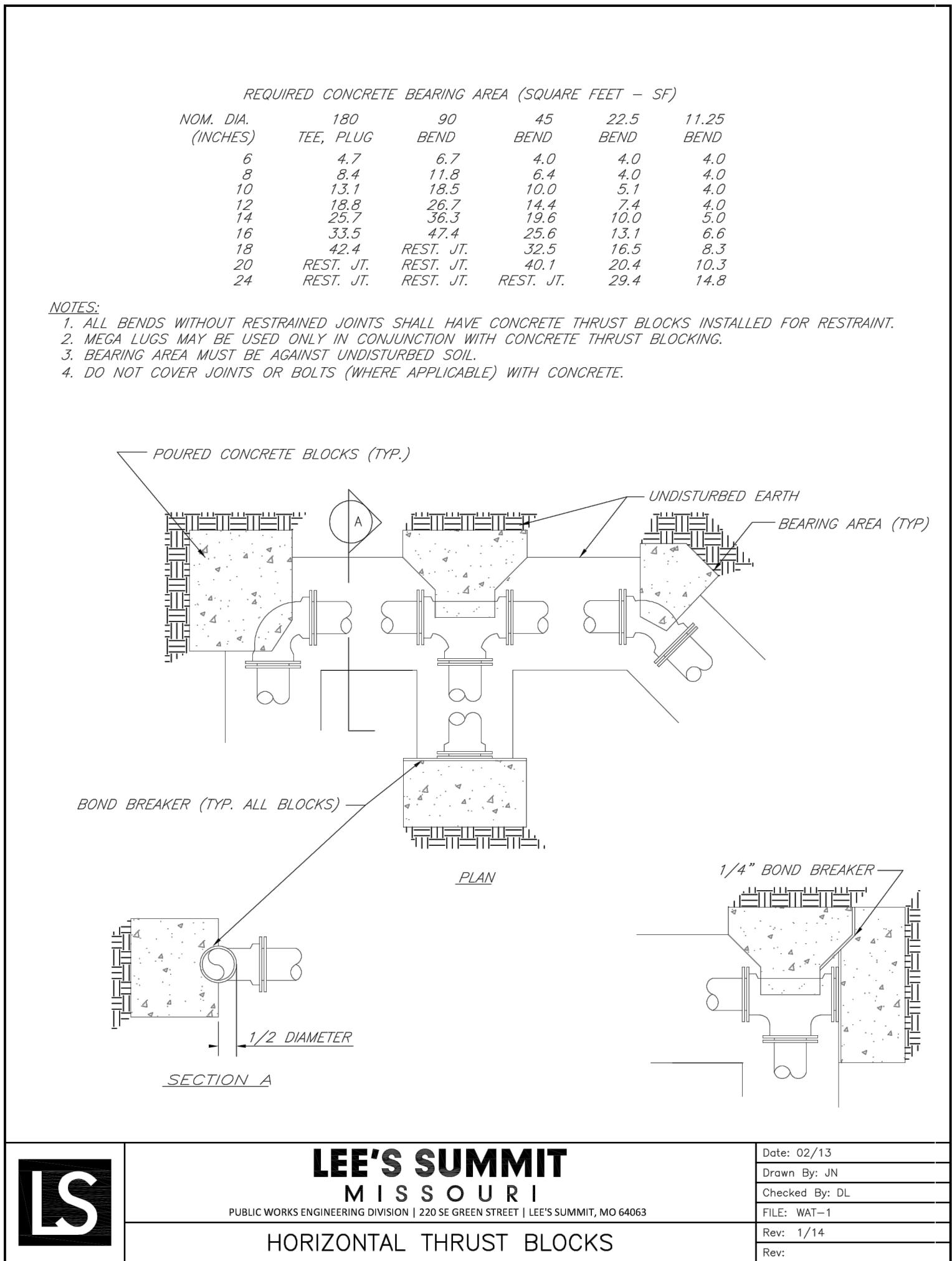
WWW.SCHLAGELASSOCIATES.COM

Missouri State Certificates of Authority

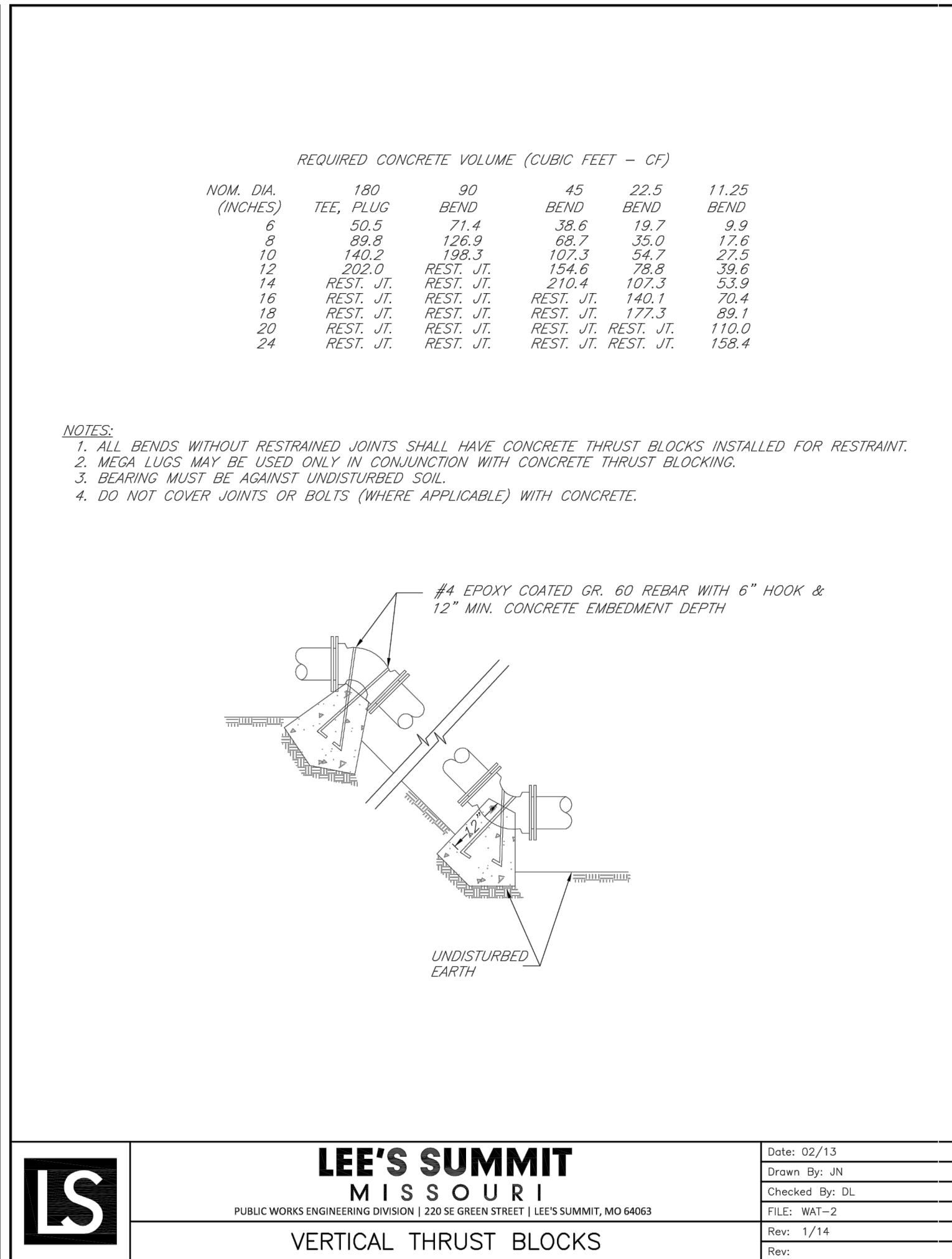
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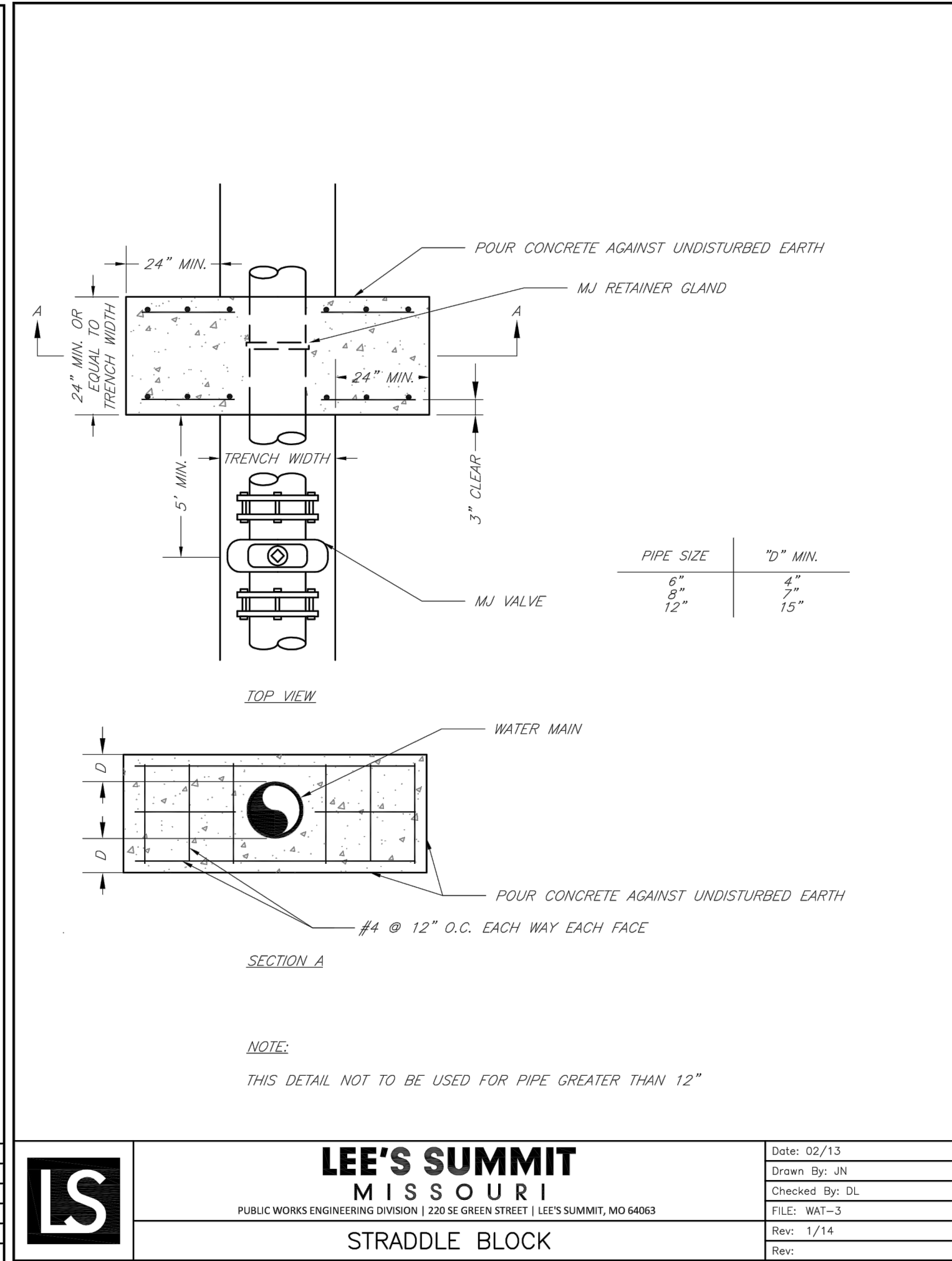
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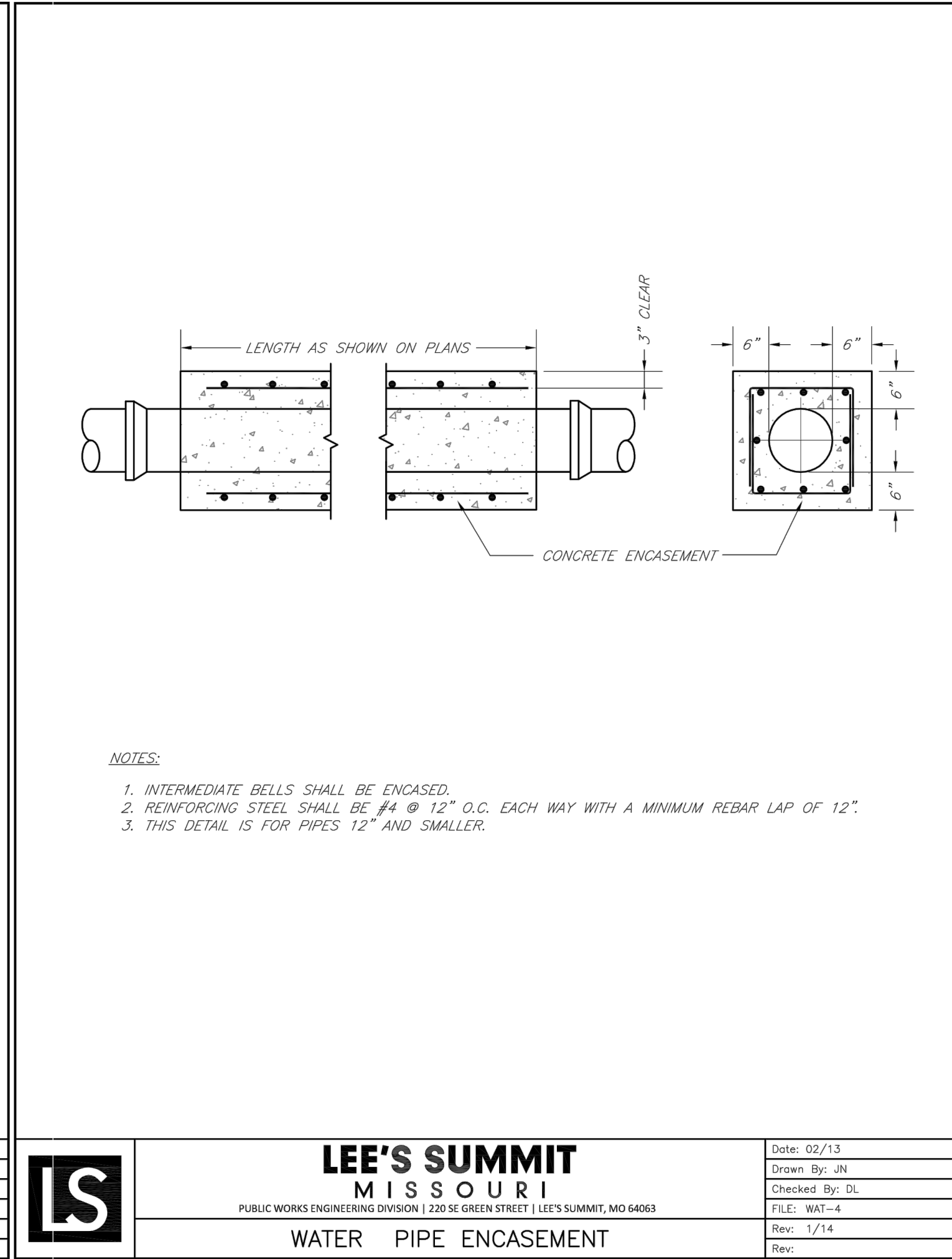
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		FILE: WAT-1
		Rev: 1/14
HORIZONTAL THRUST BLOCKS		Rev:



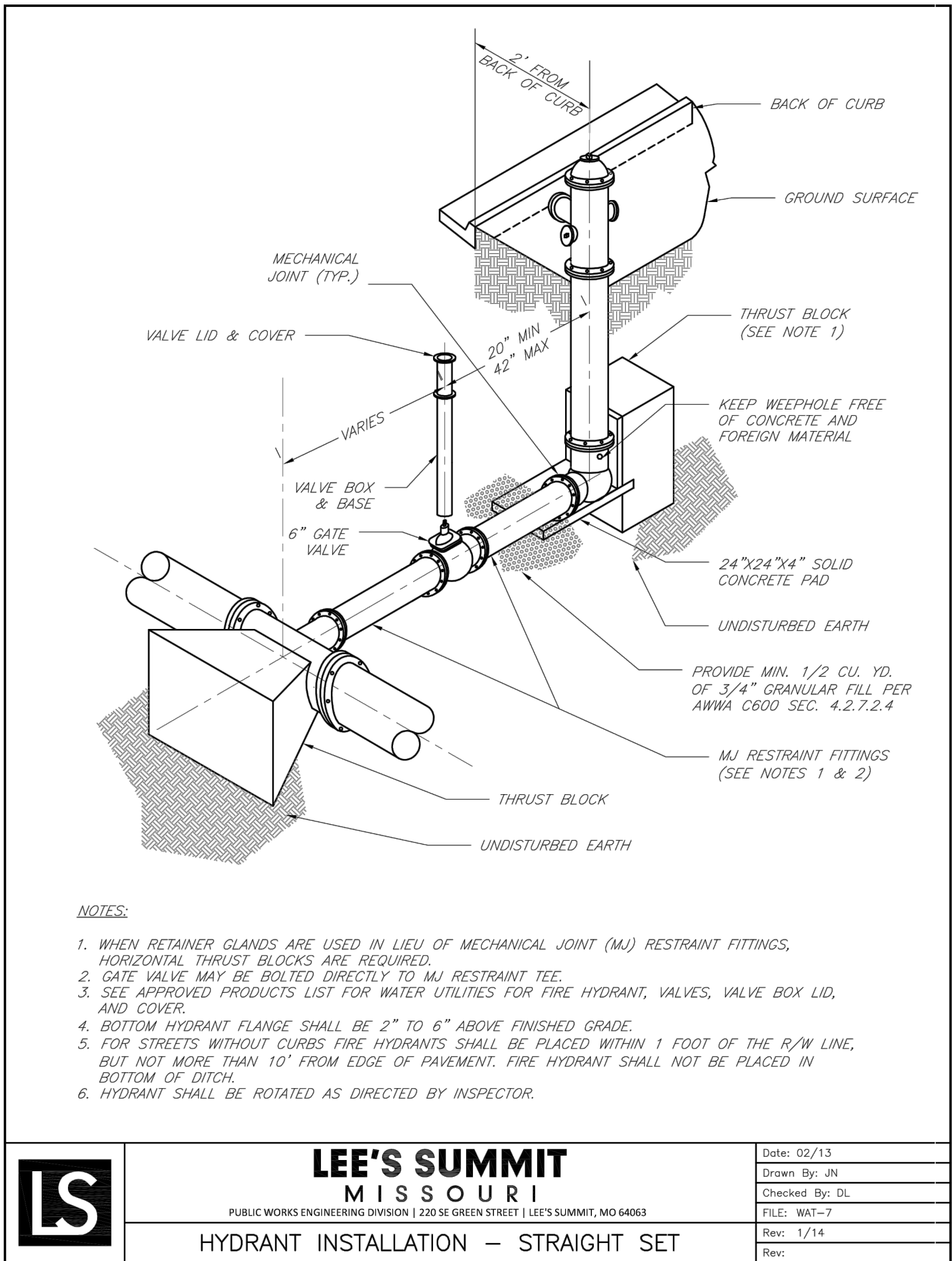
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		Checked By: DL
		FILE: WAT-2
		Rev: 1/14
	Rev:	



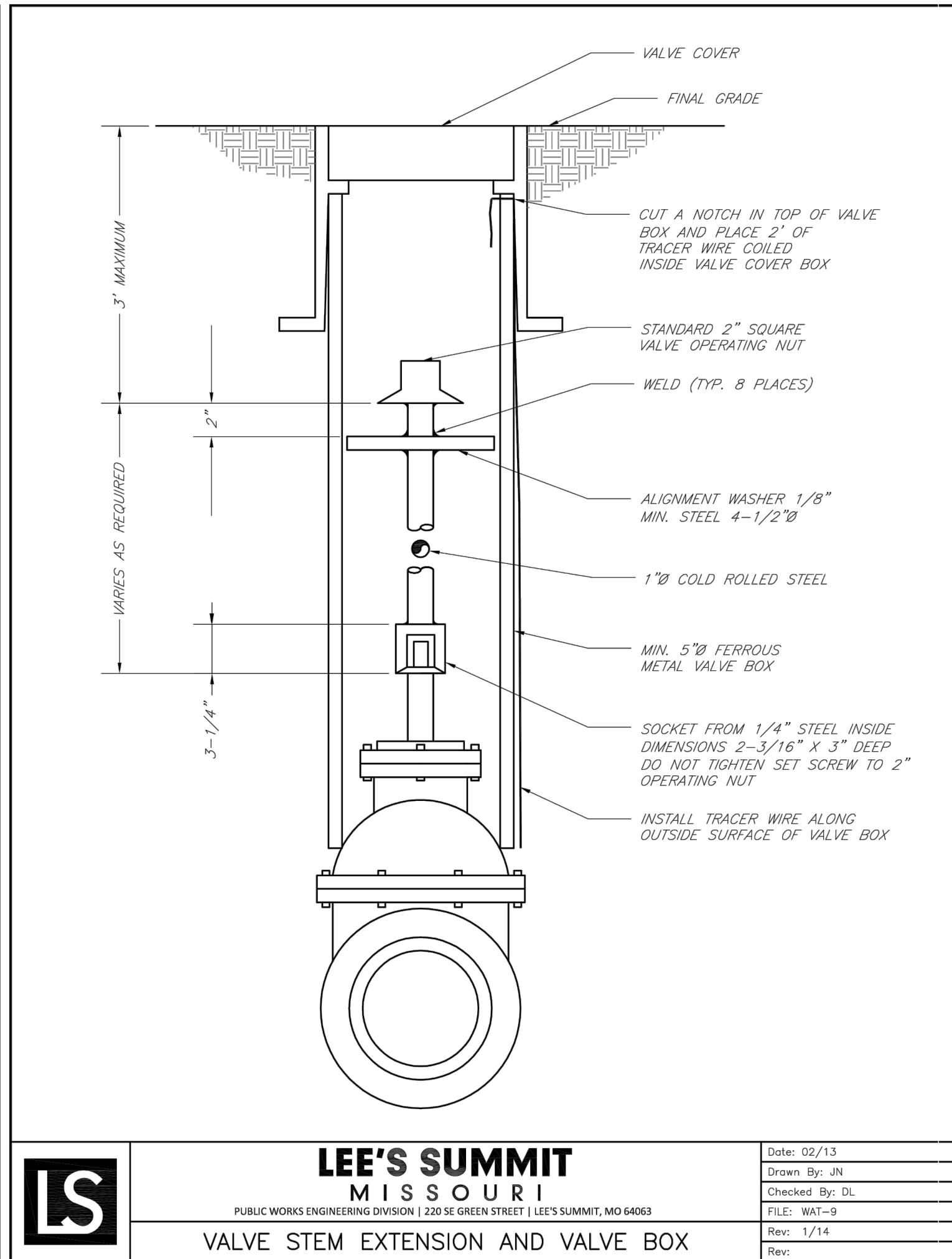
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		Rev: 1/14
STRADDLE BLOCK		
Rev:		



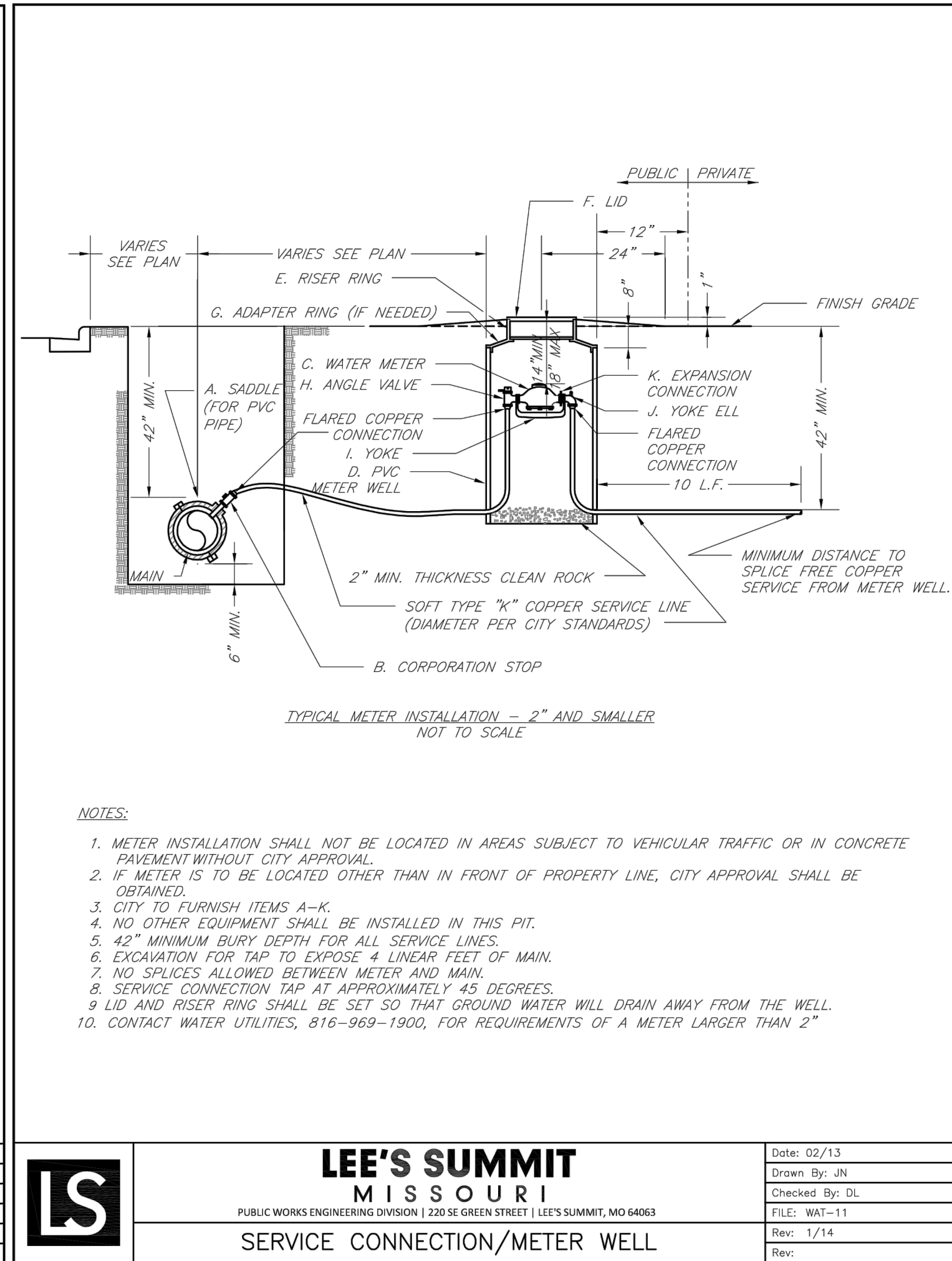
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		Drawn By: JN
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		FILE: WAT-4
		Rev: 1/14
	WATER PIPE ENCASEMENT	
Rev:		



	LEE'S SUMMIT MISSOURI PUBLIC WORKS ENGINEERING DIVISION 220 SE GREEN STREET LEE'S SUMMIT, MO 64063	Date: 02/13
		Drawn By: JN
		Checked By: DL
		FILE: WAT-7
		Rev: 1/14
HYDRANT INSTALLATION – STRAIGHT SET		



	LEE'S SUMMIT MISSOURI PUBLIC WORKS ENGINEERING DIVISION 220 SE GREEN STREET LEE'S SUMMIT, MO 64063	Date: 02/13
		Drawn By: JN
		Checked By: DL
		FILE: WAT-9
		Rev: 1/14
		Rev:
VALVE STEM EXTENSION AND VALVE BOX		



	LEE'S SUMMIT MISSOURI PUBLIC WORKS ENGINEERING DIVISION 220 SE GREEN STREET LEE'S SUMMIT, MO 64063	Date: 02/13
		Drawn By: JN
		Checked By: DL
		FILE: WAT-11
		Rev: 1/14
		Rev:
SERVICE CONNECTION/METER WELL		



REVISION DATE	DESCRIPTION
1. 4-9-19	CITY COMMENTS
2.	
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7.	
8.	

DRAWN BY:	KSC
CHECKED BY:	MAB
DATE PREPARED:	2-15-19
PROJ. NUMBER:	18-230

WATER LINE
DETAILS

SHEET