

WATER LINE PLANS
FOR
PERGOLA PARK 4TH PLAT
IN THE CITY OF LEE'S SUMMIT
JACKSON COUNTY, MISSOURI

Sheet List Table	
SHEET NUMBER	SHEET TITLE
1	COVER
2	GENERAL LAYOUT
3	LINES 1 AND 3 PLAN AND PROFILE
4	LINES 2 & 4 PLAN AND PROFILE
5	WATER LINE DETAILS

PREPARED AND SUBMITTED BY:

APPROVED BY:

CITY ENGINEER
APPROVED FOR ONE YEAR FROM THIS DATE

OWNER/DEVELOPER:

NAI HEARTLAND
RUSSELL PEARSON
4400 COLLEGE BLVD , SUITE 170
OVERLAND PARK, KS 66211
p 913-362-1000
f 913-273-0205
RUSSELL@NAI-HEARTLAND.COM

MISSOURI GEOGRAPHIC REFERENCE SYSTEM
BENCH MARK:

BM JA-148, IS A STAMPED KC METRO DISK SET IN CONCRETE LOCATED 2 MILES WEST OF THE INTERSECTION OF HIGHWAY 50 AND 3RD ST. IT IS 44 FT NORTH OF THE CENTER OF 3RD ST. AND 102.5 FT WEST OF THE CENTER OF THE EXIT FROM THE ADJACENT PARKING LOT.

ELEV. 935.18

PROJECT BENCHMARK:

CHISELED "SQUARE" ON STORM CURB INLET AT NORTHWEST
INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW
BOULEVARD.

NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09

CONFORMING TO CONSTRUCTION
RECORDS.

BAL	03.26.2020
BY	DATE

SUMMARY OF QUANTITIES			
	ITEM	QUANTITY	UNITS
1	CONNECT TO EXISTING WATER LINE	5	EA
2	FIRE HYDRANT ASSEMBLY	3	EA
3	END OF LINE TEMPORARY FIRE HYDRANT ASSEMBLY	1	EA
4	REMOVE TEMPORARY FIRE HYDRANT ASSEMBLY	2	EA
5	8" C-900 PVC	1,598	LF
6	8" CLASS 50 D.I.P.	20	LF
7	12" CLASS 50 D.I.P.	124	LF
8	8" GATE VALVE	4	EA
9	8" X 8" TEE	2	EA
10	8" 11.25" PVC BEND	18	EA
11	8" 22.5" PVC BEND	2	EA
12	8" 45" PVC BEND	6	EA
13	8" 22.5" D.I.P. BEND	1	EA
14	8" 45" D.I.P. BEND	1	EA
15	12"x8" REDUCER	1	EA
16	12" 22.5" D.I.P. BEND	2	EA
17	12" 45" D.I.P. BEND	4	EA
18	12"x8" TEE	1	EA



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 Certification of Authority
#E2000203800/F #LA0200109237 #LS2000203859-F

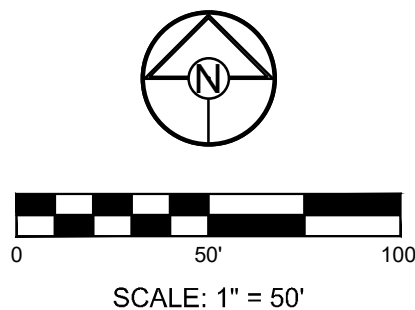
PERGOLA PARK 4TH PLAT

WATER LINE PLANS

— LEE'S SUMMIT, MISSOURI

[illegible]

I:\PROJECTS\2019\19-0023\0 Design\0.0 DWG Plans\8.0 Water\19-002-WATER-GEN LAYOUT.dwg, 3/26/2020 10:52:25 AM, 1:1

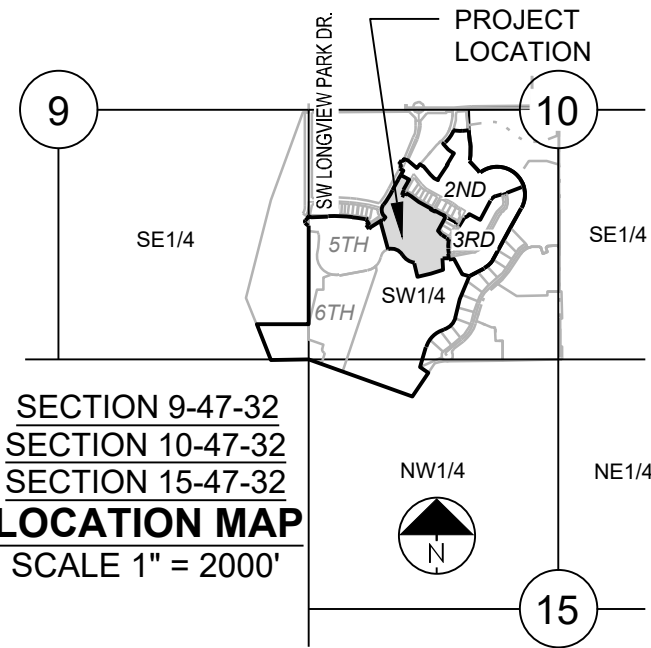


CONFORMING TO CONSTRUCTION RECORDS.
BAL 03.26.2020
BY DATE



MISSOURI GEOGRAPHIC REFERENCE SYSTEM BENCH MARK:
BM JA-148, IS A STAMPED KC METRO DISK SET IN CONCRETE LOCATED 2 MILES WEST OF THE INTERSECTION OF HIGHWAY 50 AND 3RD ST. IT IS 44 FT NORTH OF THE CENTER OF 3RD ST. AND 102.5 FT WEST OF THE CENTER OF THE EXIT FROM THE ADJACENT PARKING LOT.
ELEV. 935.18

PROJECT BENCHMARK:
CHISELED "SQUARE" ON STORM CURB INLET AT NORTHWEST INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW BOULEVARD.
NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09



- 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.

PERGOLA PARK 4TH PLAT
WATER LINE PLANS
- LEE'S SUMMIT, MISSOURI

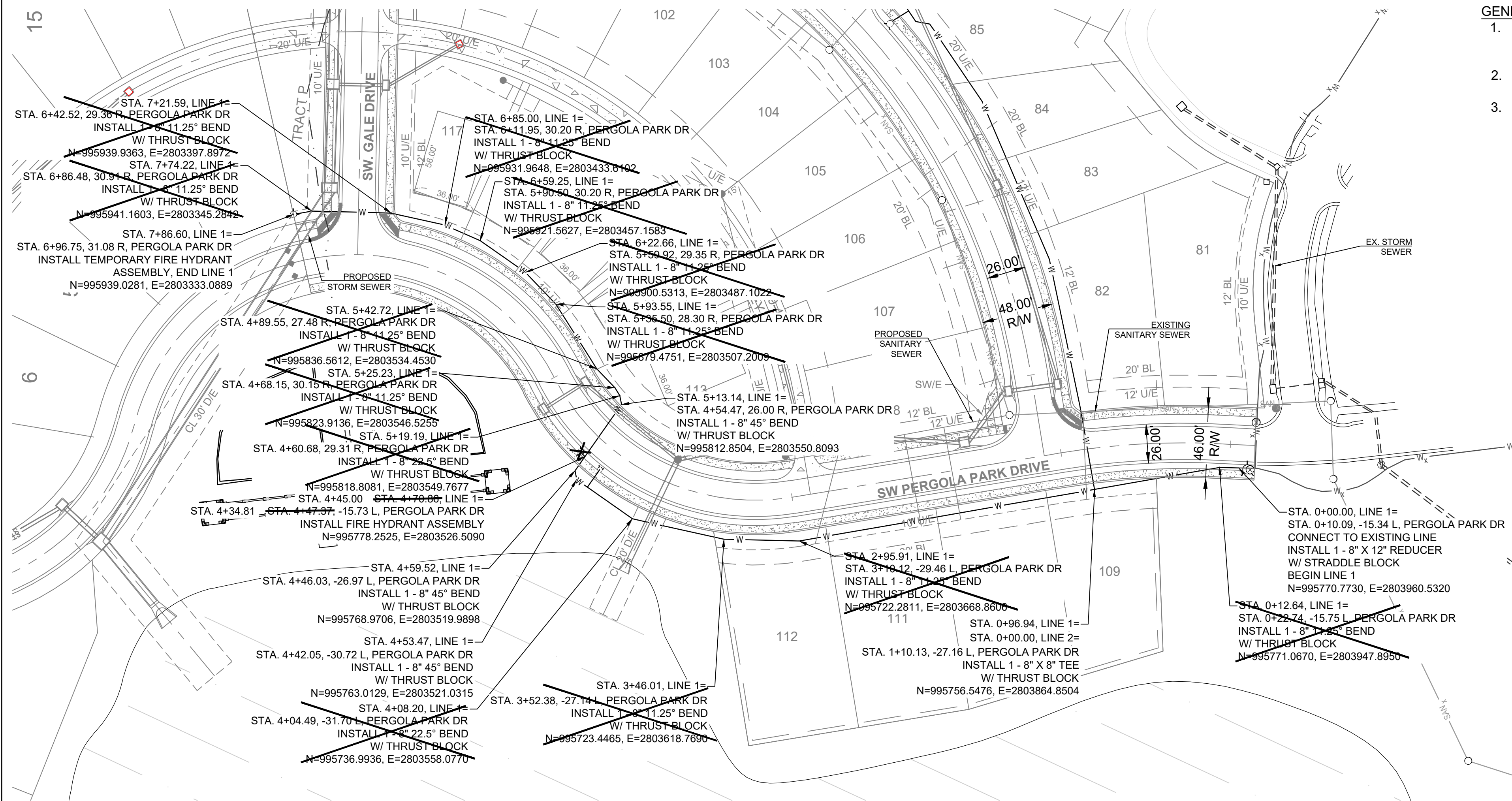
REVISION DATE	DESCRIPTION
6-10-19	City Comments
6-27-19	City Comments
9-25-19	Revise Water Line 4
3-26-2020	AS-BUILTS
4-22-19	
7-1-19	
10-02-19	

DRAWN BY:	BAL
CHECKED BY:	MAB
DATE PREPARED:	4-22-19
PROJ. NUMBER:	19-002

GENERAL LAYOUT
SHEET
2
OF 5

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

I:\PROJECTS\2019\19-0023\0 DWG Plans\0 Water\19-002-WATER-PP.dwg, 3/26/2020 10:52:42 AM, 11

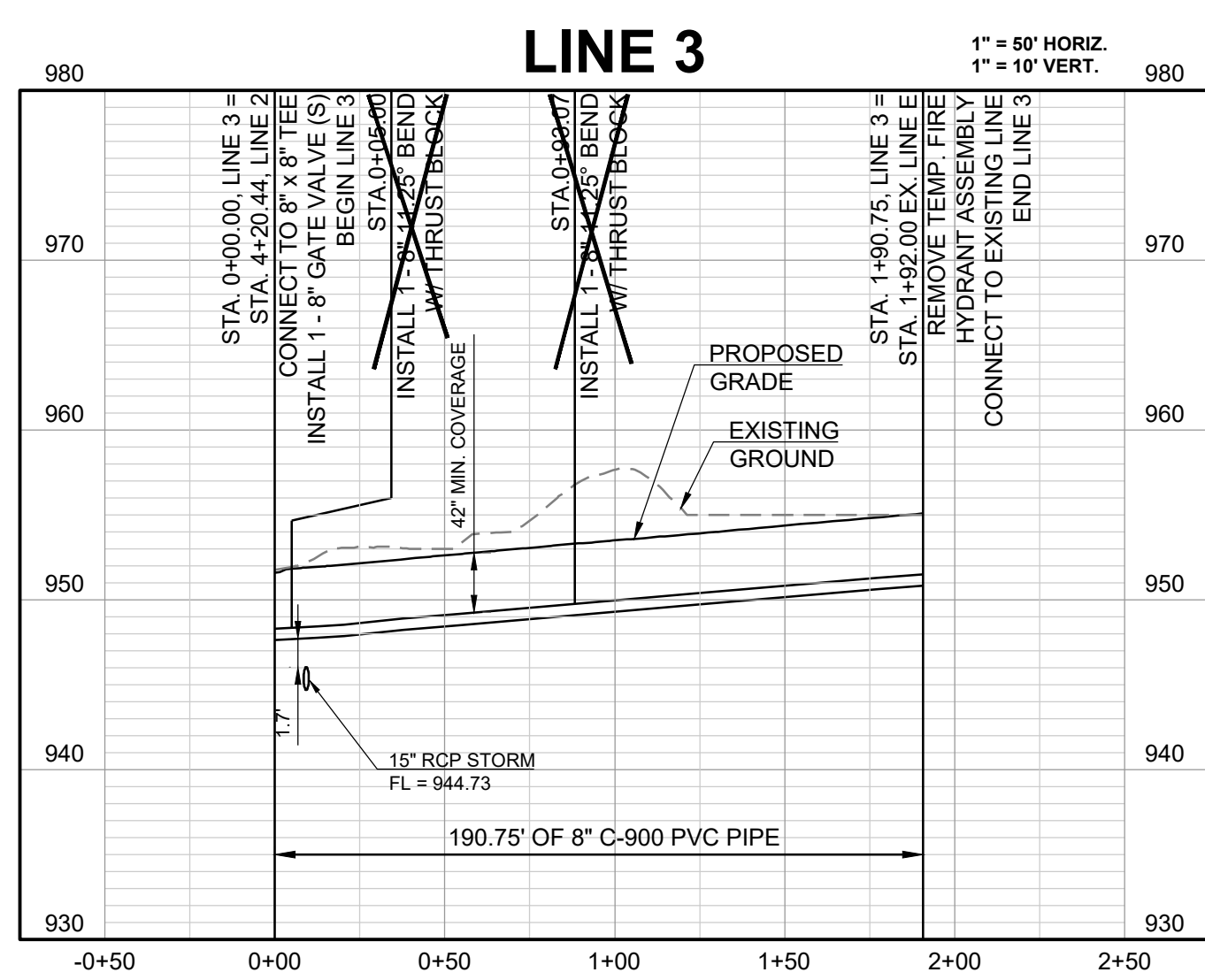
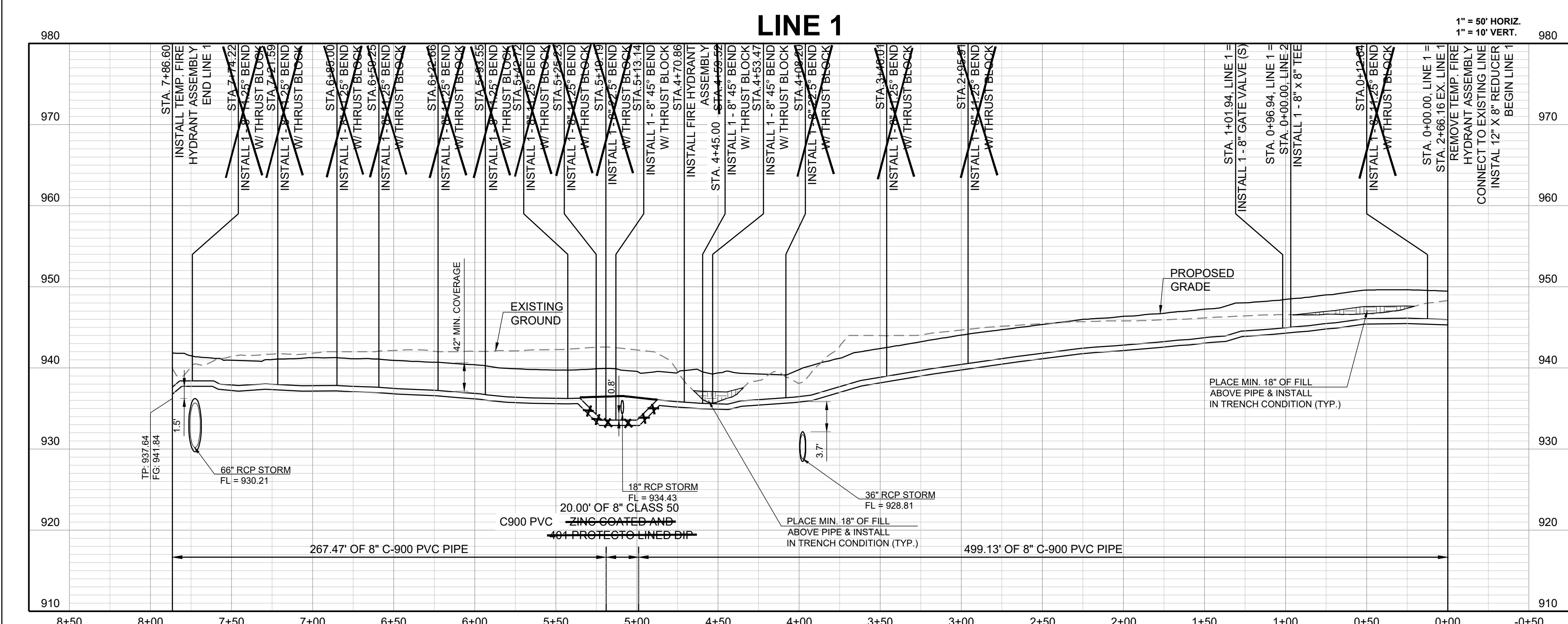
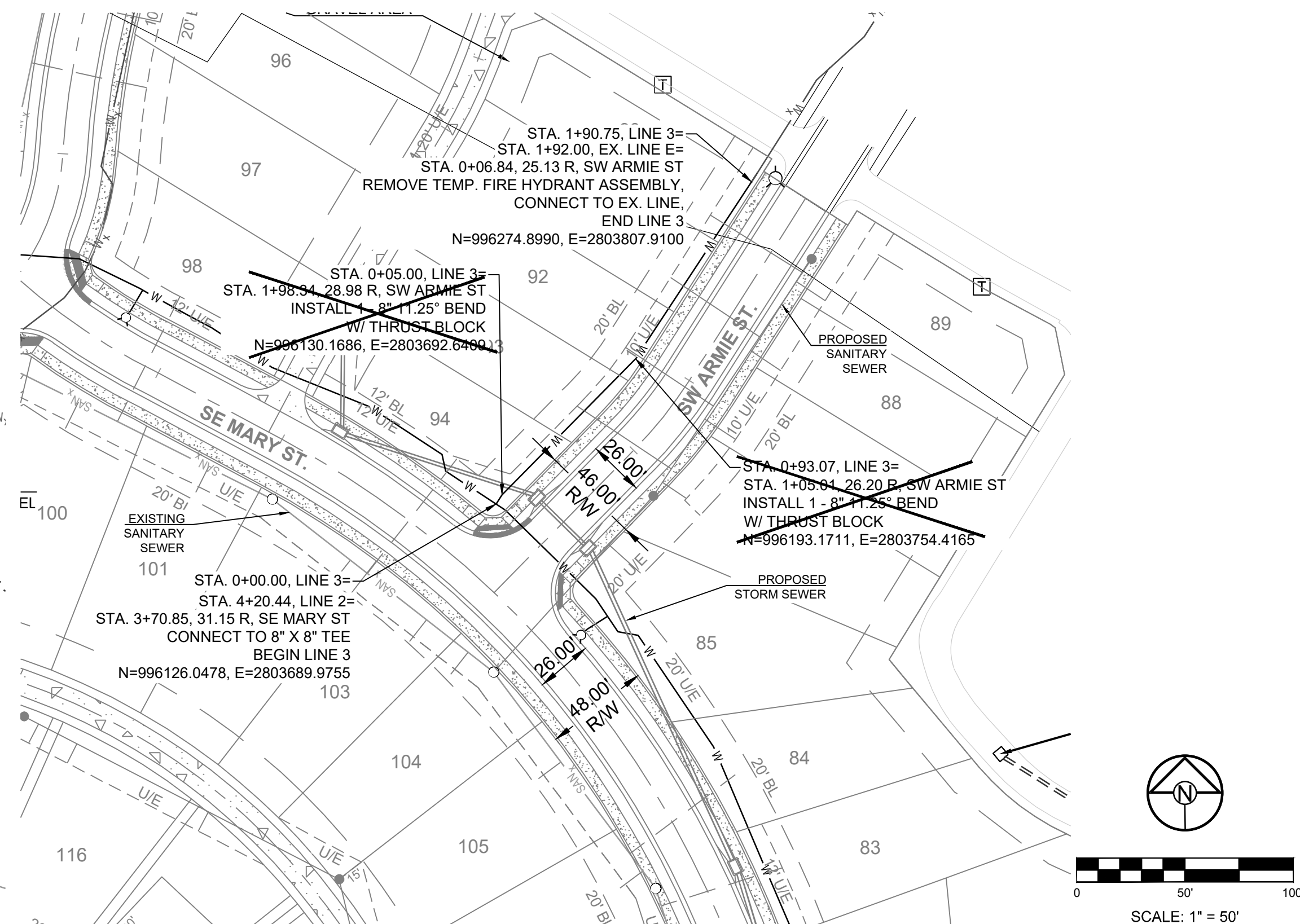


- GENERAL NOTES:
1. ALL CONSTRUCTION TO FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.
 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATIONS.
 3. FOR ALL WATER LINES THE MAXIMUM DEPTH OF COVER IS SEVEN (7) FEET.

PROJECT BENCHMARK:

CHISELED "SQUARE" ON STORM CURB INLET AT NORTHWEST INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW BOULEVARD.

NORTHING: 998893.4148
EASTING: 280318.5413
ELEV. 1004.09



CONFORMING TO CONSTRUCTION RECORDS.

BAL 03.26.2020
BY DATE



PERGOLA PARK 4TH PLAT
WATER LINE PLANS

SCHLAGEL & ASSOCIATES, P.A.
Engineers-Planners-Surveyors-Landscape Architects
14920 West 10th Street • Lenexa, Kansas 66215
(913) 492-5188 • Fax: (913) 492-8400
WWW.SCHLAGELASSOCIATES.COM
Missouri State Certificates of Authority
#E2002003600-F #LAC200100237 #LS200200859-F

REVISION DATE	DESCRIPTION
6-10-19	City Comments
6-27-19	City Comments
9-25-19	Revise Water Line 4
3-26-2020	AS-BUILT

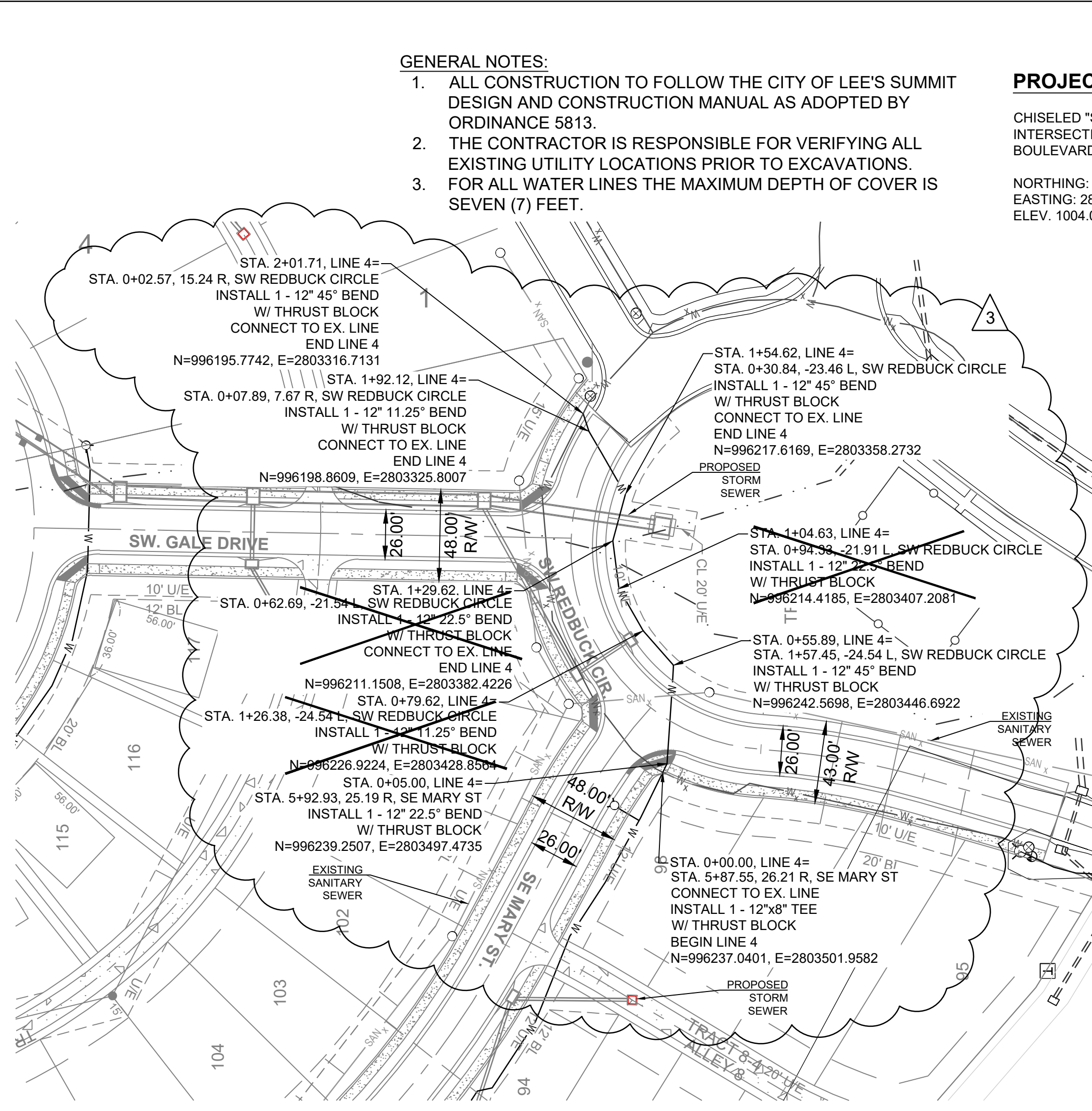
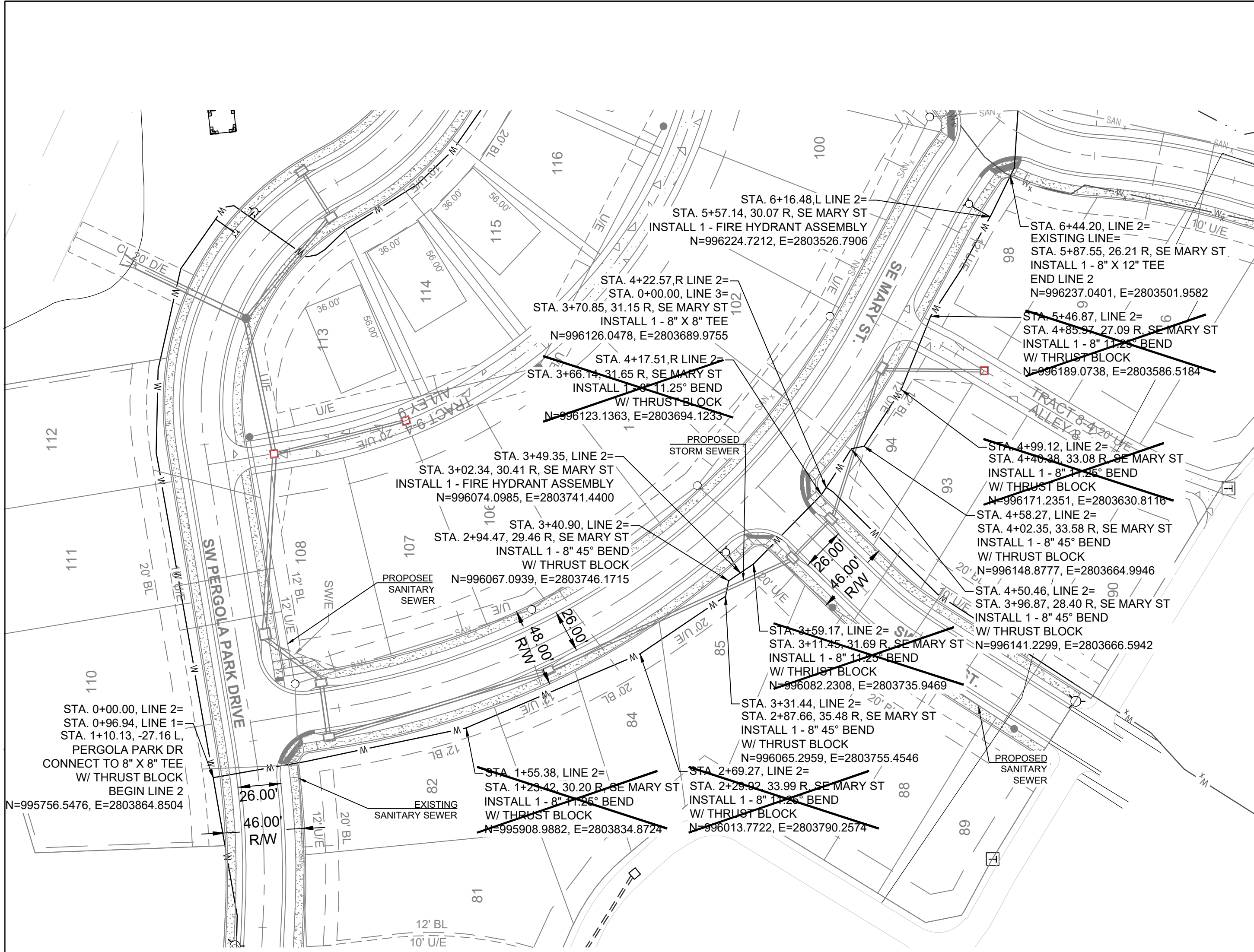
DRAWN BY:	BAL
CHECKED BY:	MAB
DATE PREPARED:	4-22-19
PROJ. NUMBER:	19-002

LINES 1 AND 3
PLAN AND
PROFILE

SHEET
3
OF 5

- LEE'S SUMMIT, MISSOURI

I:\PROJECTS\2019\19-0023\0 Design\0.0 DWG Plans\8.0 Water\19-002-WATER-PP.dwg, 3/26/2020 10:52:58 AM, 11



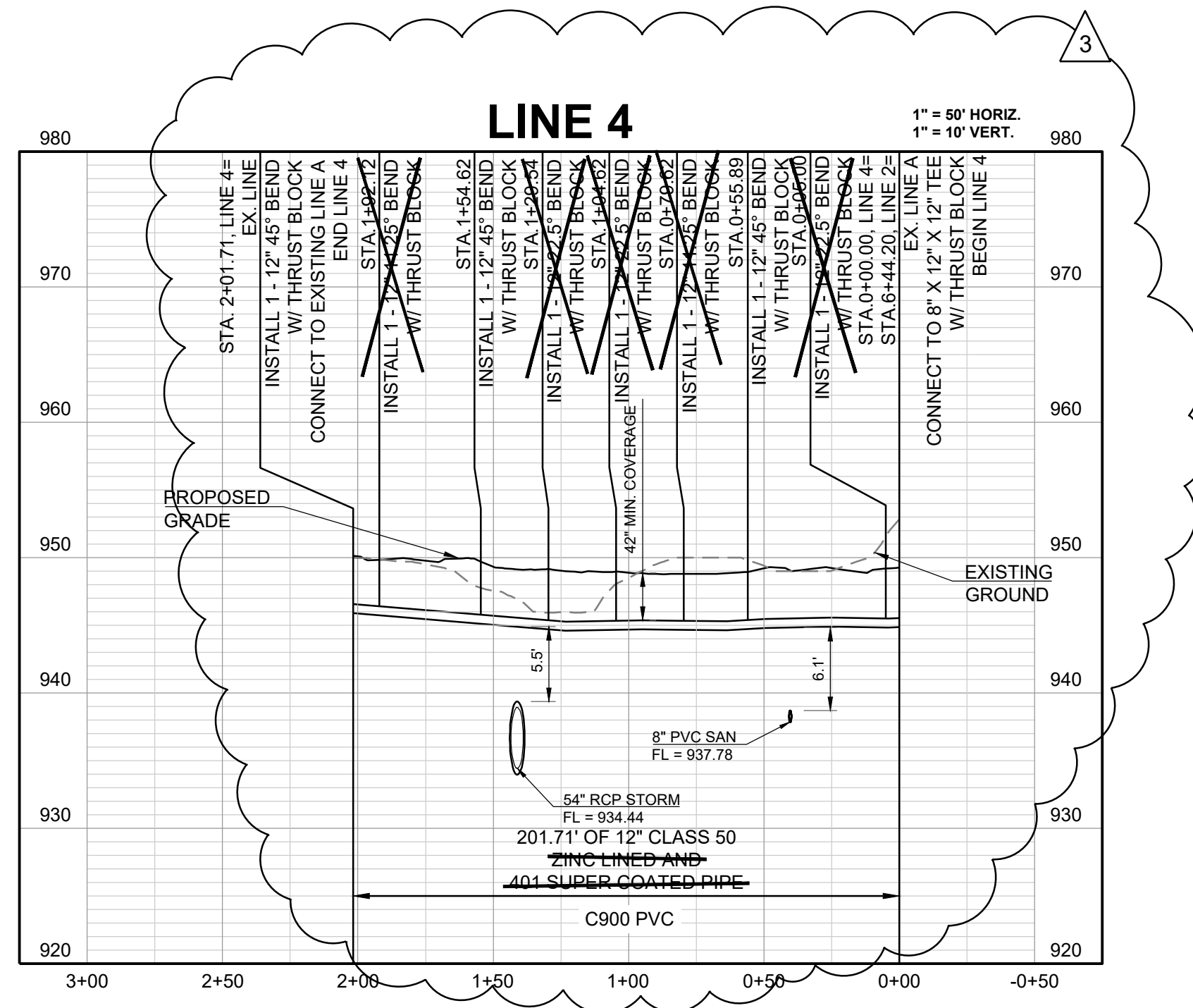
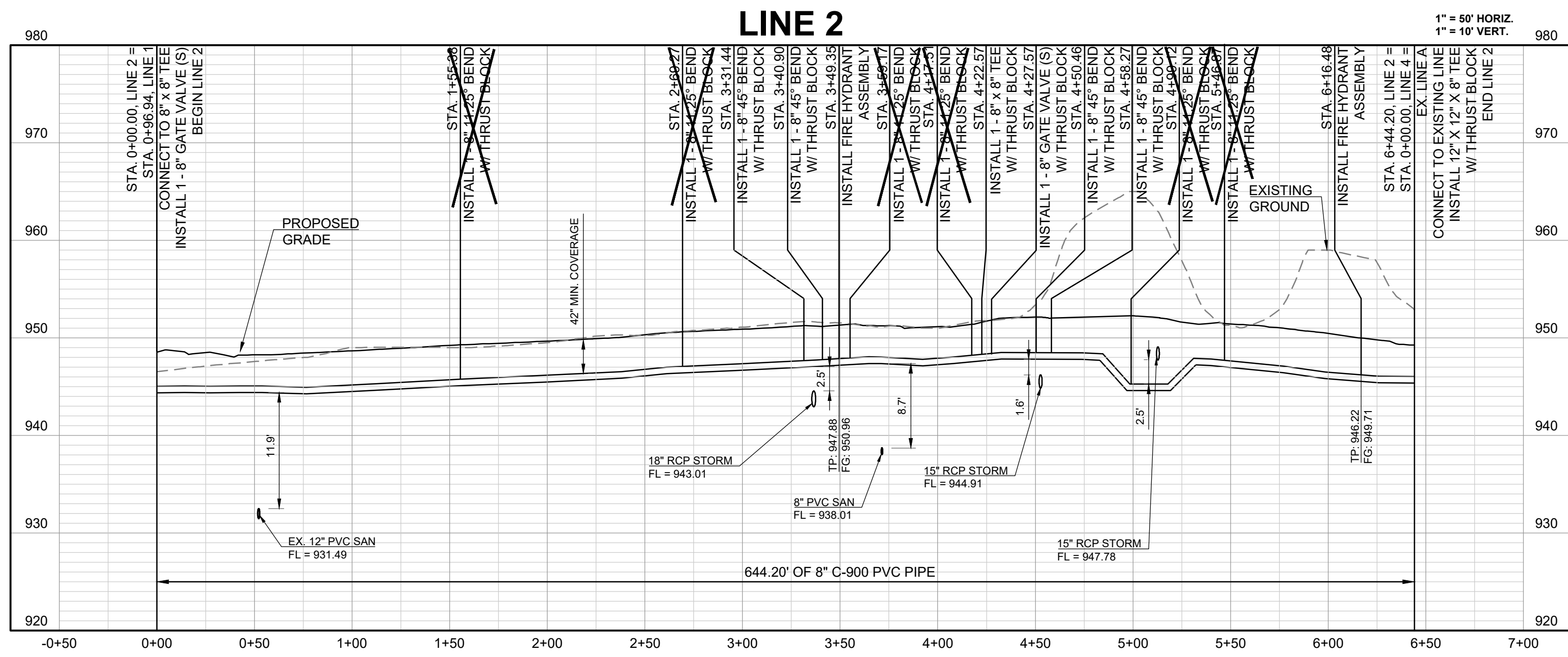
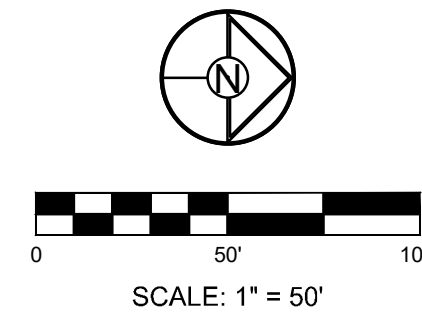
GENERAL NOTES:

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.

PROJECT BENCHMARK:

CHISELED "SQUARE" ON STORM CURB INLET AT NORTHWEST INTERSECTION OF SW. TOWER PARK DRIVE AND SW. LONGVIEW BOULEVARD.

NORTHING: 998893.4148
EASTING: 2803318.5413
ELEV. 1004.09



CONFORMING TO CONSTRUCTION RECORDS.

BAL 03.26.2020
BY DATE



PERGOLA PARK 4TH PLAT WATER LINE PLANS

- LEE'S SUMMIT, MISSOURI

SCHLAGEL & ASSOCIATES, P.A.
Engineers-Planners-Surveyors-Landscape Architects
14920 West 10th Street • Lenexa, Kansas 66215
(913) 492-5158 • Fax: (913) 492-8400
WWW.SCHLAGELASSOCIATES.COM
Missouri State Certificates of Authority
#E2002003600-F #LAC200100237 #LS200200859-F

REVISION DATE	DESCRIPTION
6-10-19	City Comments
6-27-19	City Comments
9-25-19	Revise Water Line 4
3-26-2020	AE-BUILTS

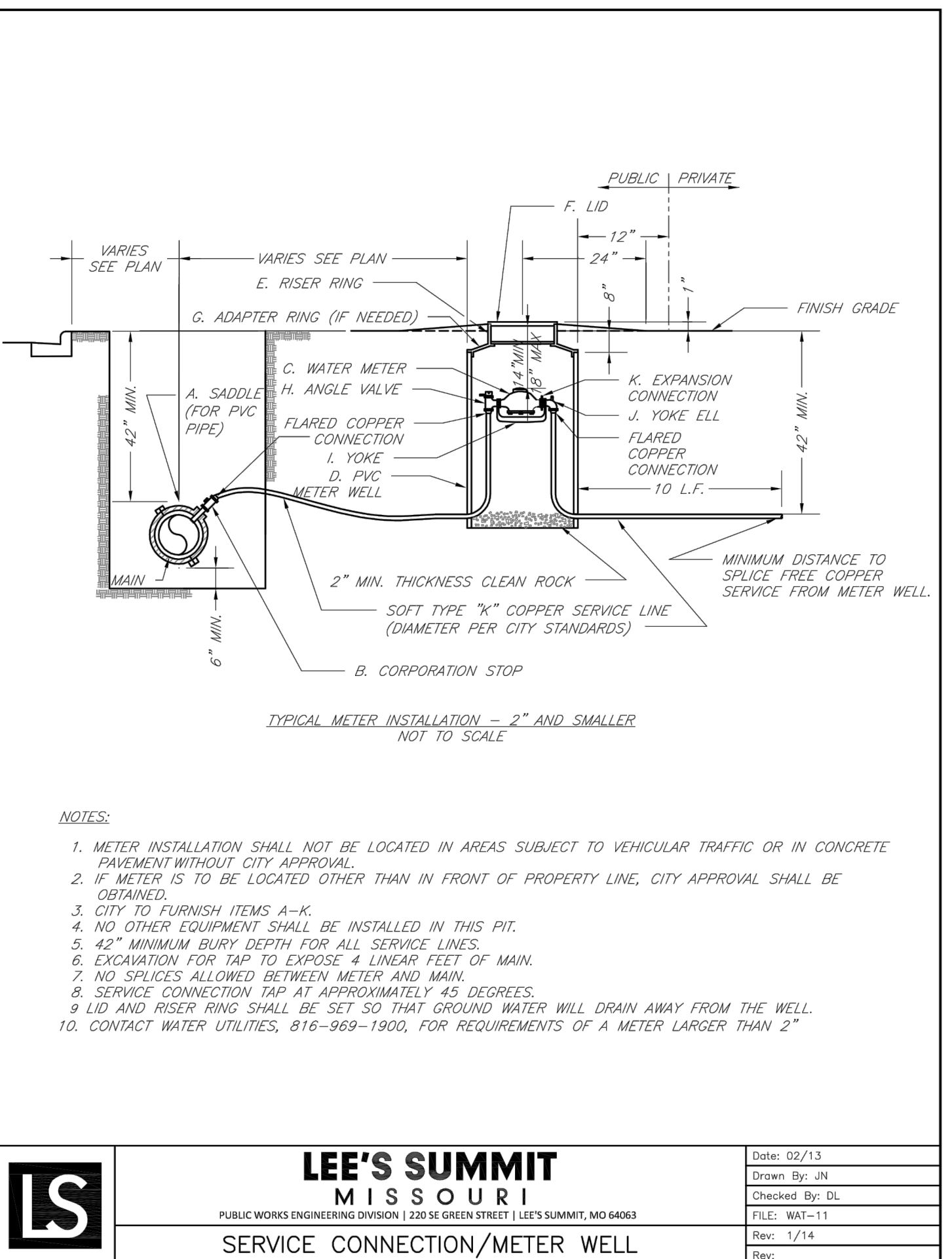
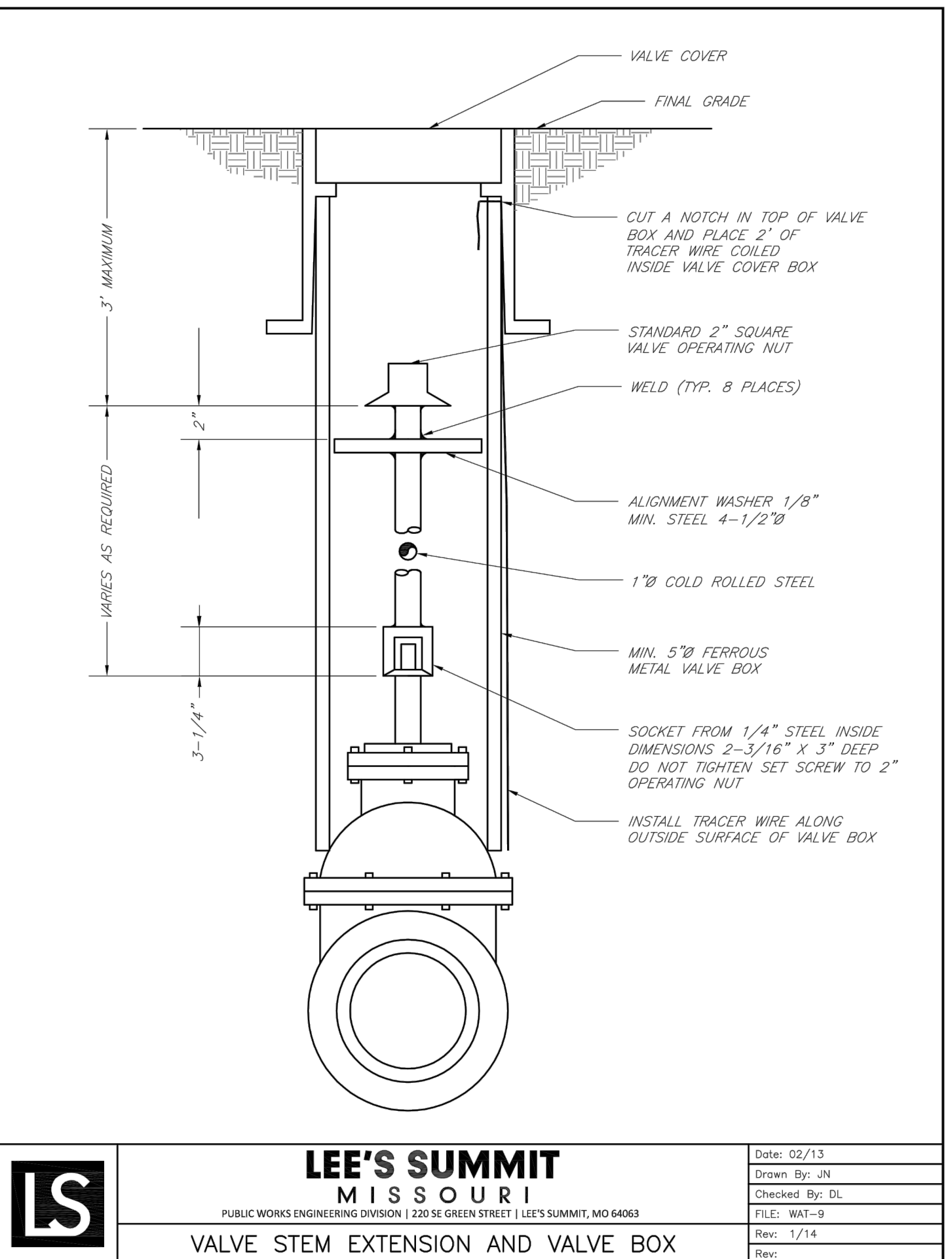
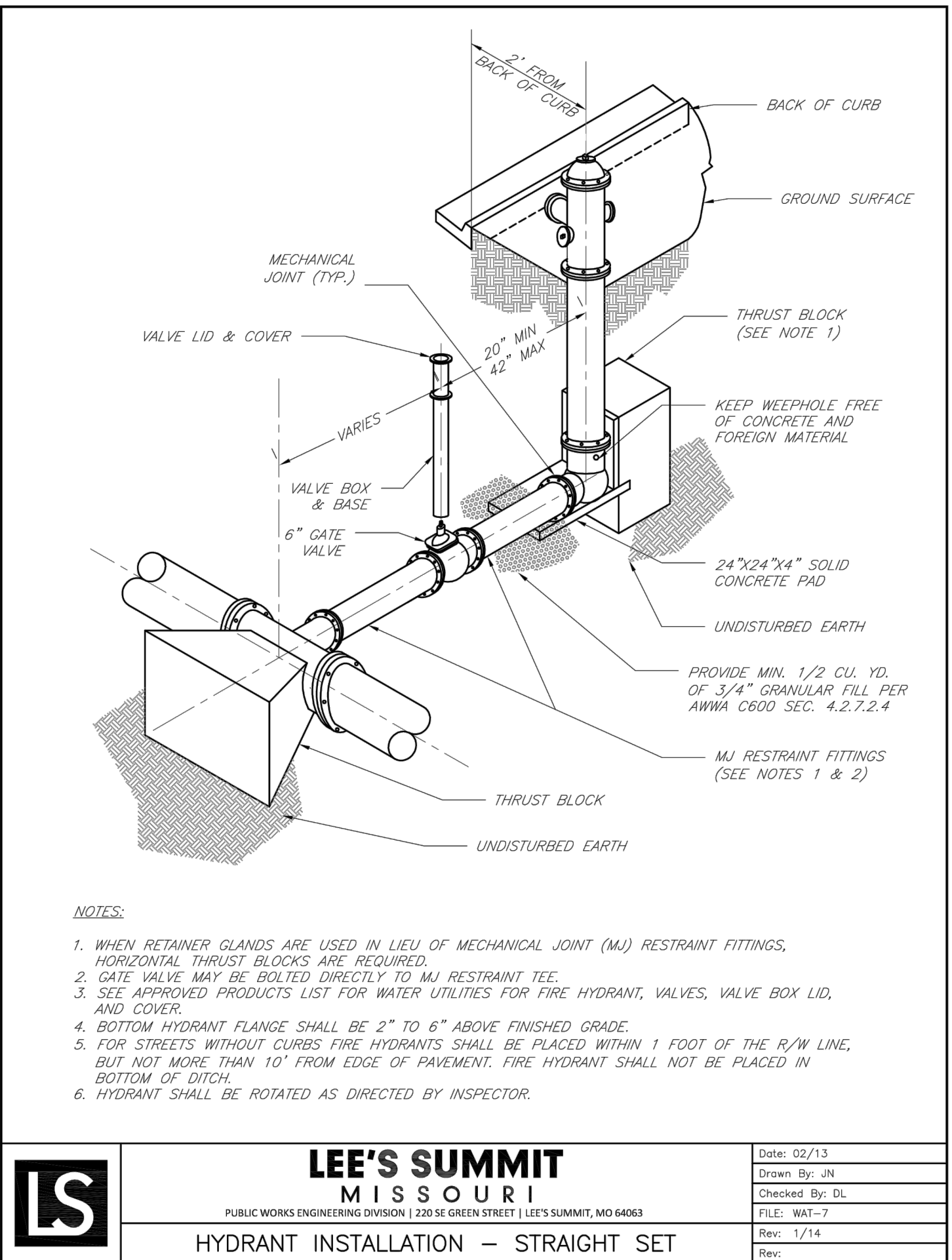
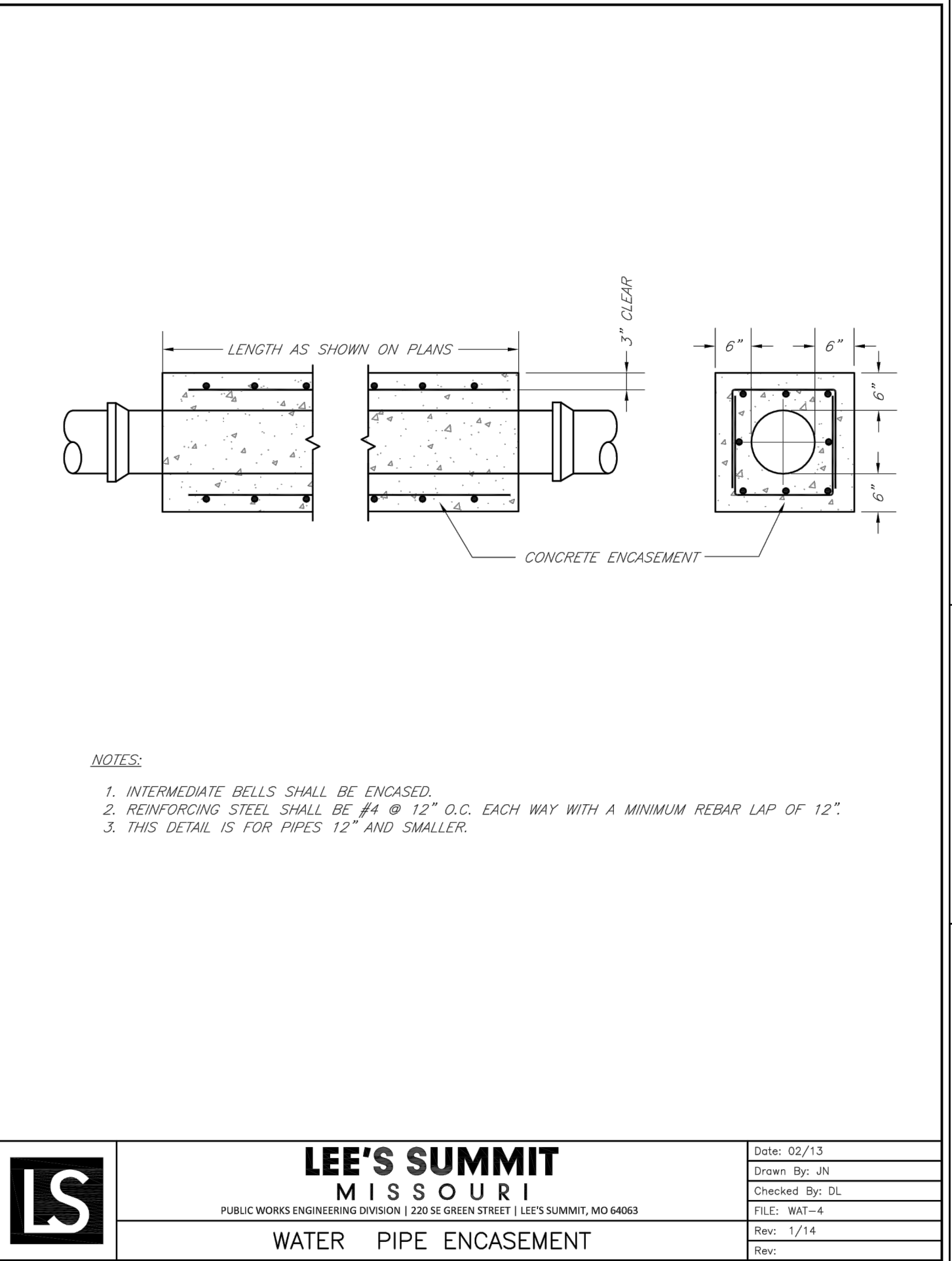
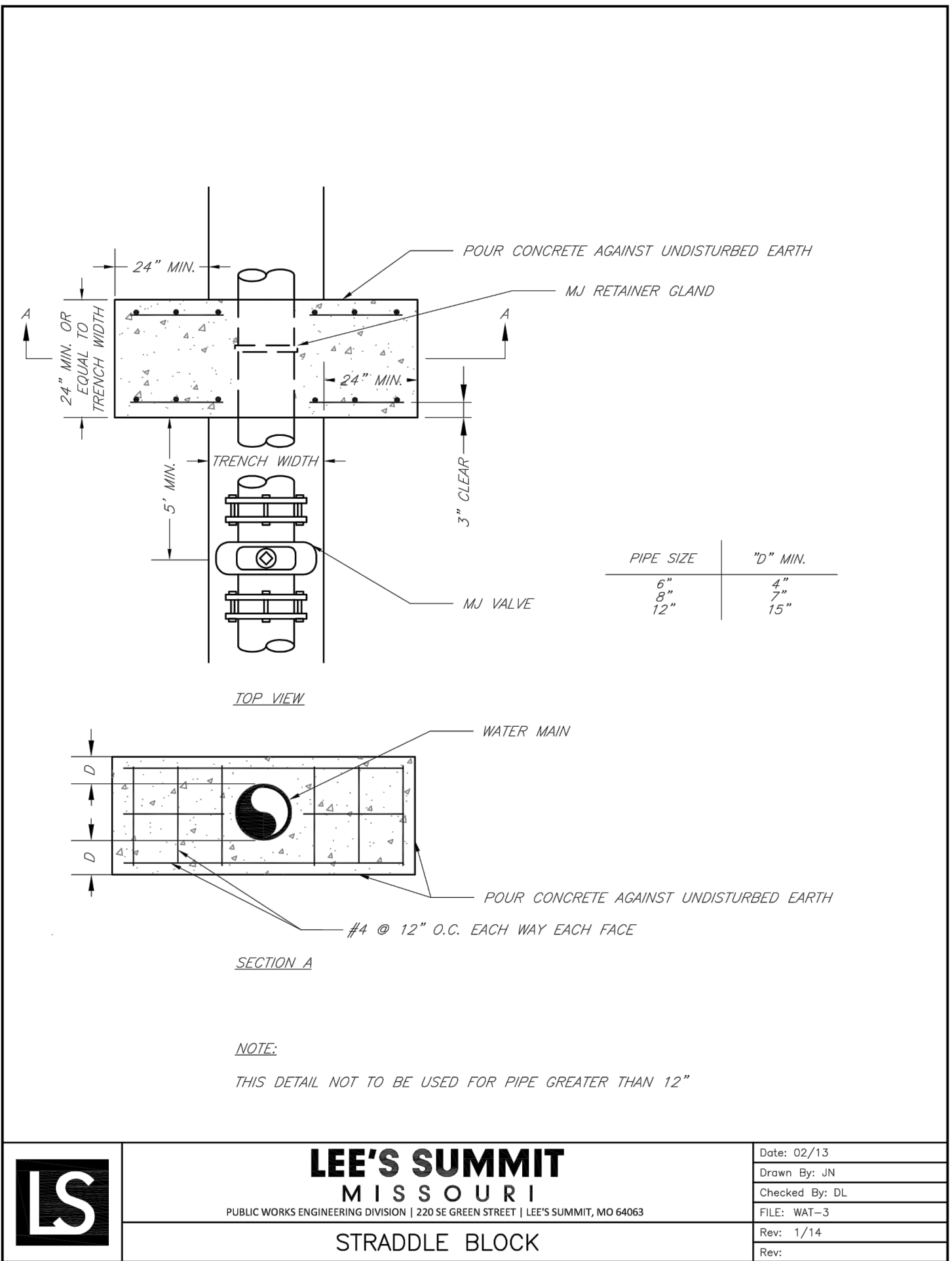
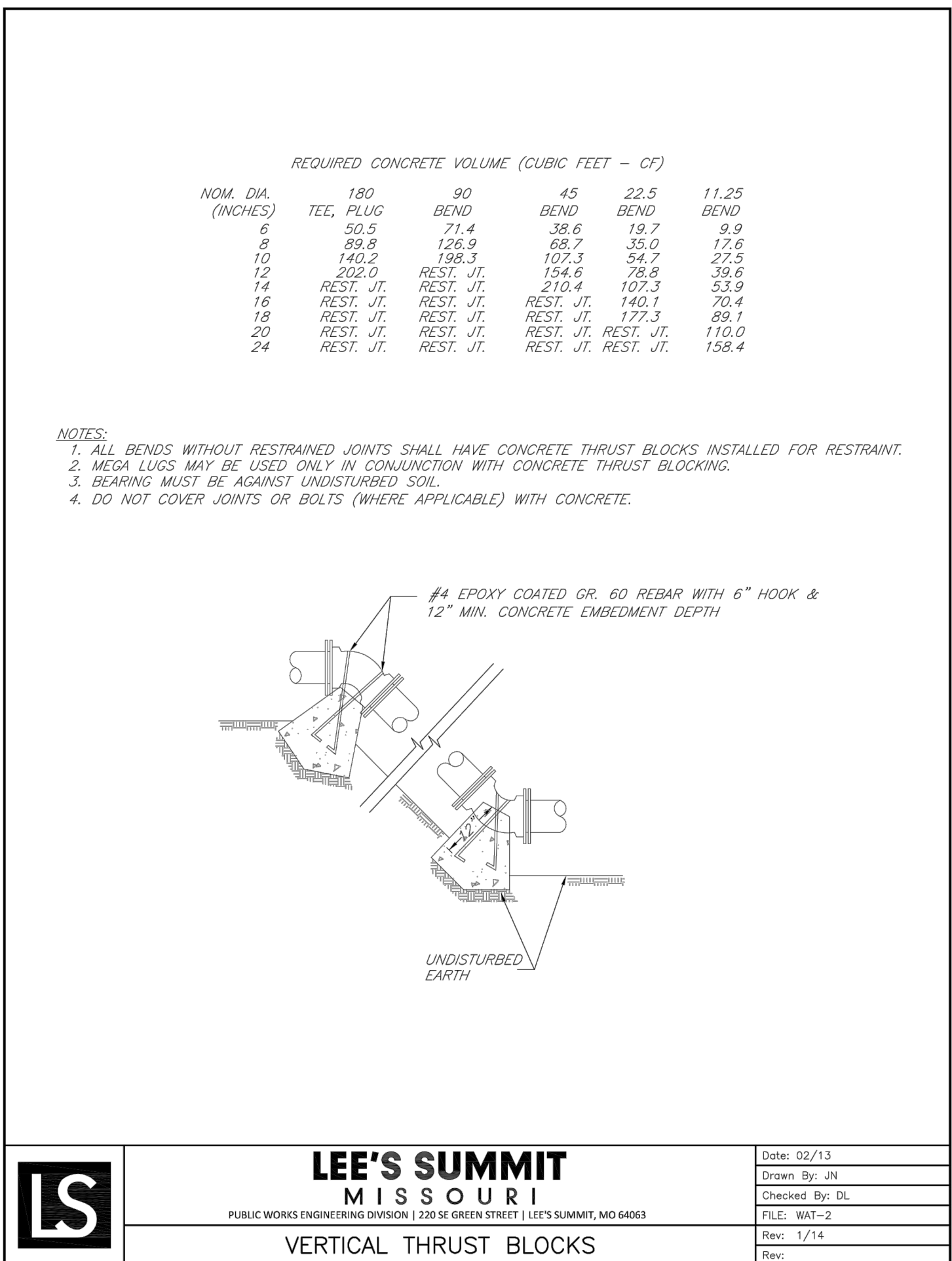
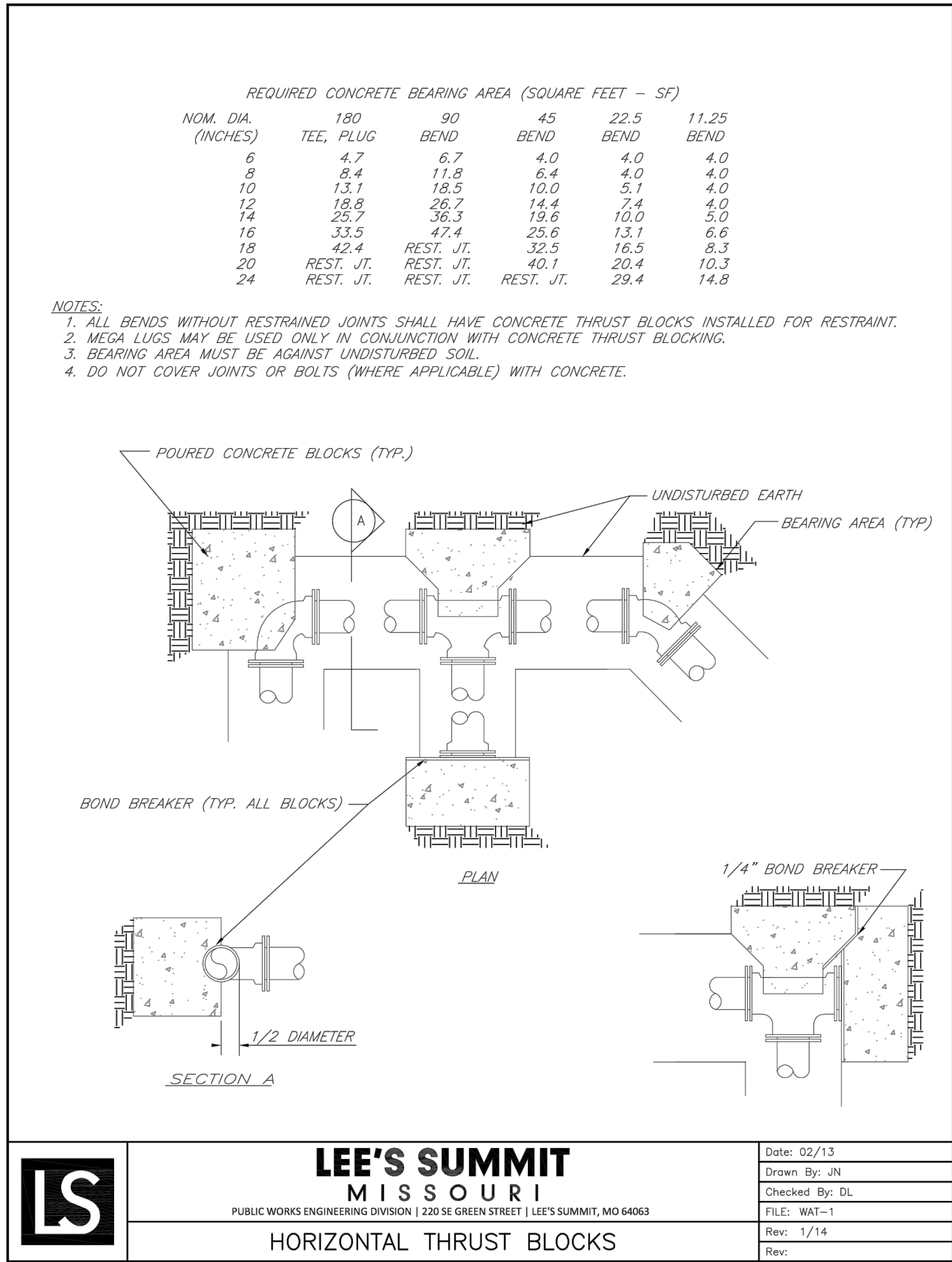
DRAWN BY:	BAL
CHECKED BY:	MAB
DATE PREPARED:	4-22-19
PROJ. NUMBER:	19-002

LINES 2 & 4 PLAN AND PROFILE

SHEET

4
OF 5

I:\PROJECTS\2018\19-0223.0 Design\3.0 DWG Plans\8.0 Water\19-002-WATER-DETAILS.dwg, 3/26/2020, 10:53:34 AM, 1:1



CONFORMING TO CONSTRUCTION
RECORDS.
BAL 03.26.2020
BY DATE