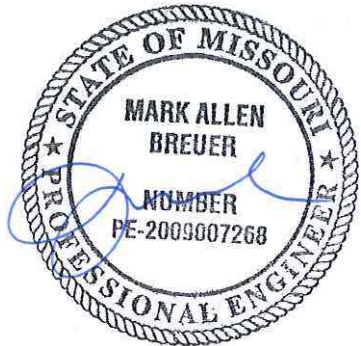


IN THE CITY OF LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

| 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:**



09-26-19

SCHLAGEL & ASSOCIATES, P.A.

**APPROVED BY:**

CITY ENGINEER  
APPROVED FOR ONE YEAR FROM THIS DATE

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

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Missouri State Certificates of Authority  
#E20200078000/F #LAC2001005237 #LAC2002008594/F



# PERGOLA PARK 4TH PLAT

## WATER LINE PLANS

— LEE'S SUMMIT, MISSOURI

| COVER |   | SHEET |  |
|-------|---|-------|--|
| OF 5  | 1 |       |  |

| 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    |

**LEGEND:**

- A/E - ACCESS EASEMENT
- BC - BACK OF CURB
- B/B - BACK TO BACK
- BM - BENCHMARK
- BL or B.L. - BUILDING LINE
- CO - CLEANOUT
- TJB - TELEPHONE JUNCTION BOX
- C&G - CURB AND GUTTER
- D/E - DRAINAGE EASEMENT
- E/E - ELECTRICAL EASEMENT
- EL - ELEVATION
- FL - FLOW LINE
- G/E - GAS LINE EASEMENT
- HDPE - HIGH-DENSITY POLYETHYLENE
- L/E - LANDSCAPE EASEMENT
- MSFE - MINIMUM SERVICEABLE FLOOR ELEVATION
- PVC - POLYVINYL CHLORIDE
- P/L - PROPERTY LINE
- PUB/E - PUBLIC EASEMENT
- RCP - REINFORCED CONCRETE PIPE
- ROW or R/W - RIGHT-OF-WAY
- S/E - SANITARY SEWER EASEMENT
- SL - SERVICE LINE
- S/W - SIDEWALK
- TE - TOP ELEVATION
- U/E - UTILITY EASEMENT
- WSE - WATER SURFACE ELEVATION
- W/E - WATERLINE EASEMENT

- |  |                              |
|--|------------------------------|
|  | ASPHALT PAVEMENT - EXISTING  |
|  | ASPHALT PAVEMENT - PROPOSED  |
|  | CONCRETE PAVEMENT - EXISTING |
|  | ASPHALT PAVEMENT - EXISTING  |
|  | CONCRETE SIDEWALK - EXISTING |
|  | CONCRETE SIDEWALK - PROPOSED |
|  | CURB & GUTTER                |
|  | CURB & GUTTER - EXISTING     |
|  | TREE LINE                    |
|  | EXISTING LOT AND R/W LINES   |
|  | EXISTING PLAT LINES          |
|  | PROPERTY LINES               |
|  | RIGHT-OF-WAY                 |
|  | SANITARY SEWER MAIN          |
|  | SANITARY SEWER MAIN - EXIST. |
|  | STORM SEWER                  |
|  | STORM SEWER - EXISTING       |
|  | CABLE TV - EXISTING          |
|  | FIBER OPTIC CABLE - EXISTING |
|  | TELEPHONE LINE - EXIST.      |
|  | ELECTRIC LINE - EXISTING     |
|  | OVERHEAD POWER LINE - EXIST. |
|  | UNDERGROUND ELECTRIC - EX.   |
|  | GAS LINE - EXISTING          |
|  | WATER LINE - EXISTING        |
|  | LIGHT - EXISTING             |
|  | EXISTING MANHOLE             |
|  | CLEANOUT                     |
|  | EXISTING SANITARY MANHOLE    |
|  | PROPOSED SANITARY MANHOLE    |
|  | EXISTING AREA INLET          |
|  | EXISTING CURB INLET          |
|  | EXISTING GRATE INLET         |
|  | EXISTING JUNCTION BOX        |
|  | EXISTING STORM MANHOLE       |

**UTILITY CONTACTS:**MISSOURI DEPARTMENT OF  
TRANSPORTATION (MODOT)

Steve Holloway  
600 NE Colbern Road  
Lee's Summit, MO 64086  
(816) 607-2186

MISSOURI GAS ENERGY (MGE)

Brent Jones  
3025 SE Clover Drive  
Lee's Summit, MO 64082  
(816) 399-9633  
brent.jones@spireenergy.

KANSAS CITY POWER & LIGHT  
COMPANY (KCP&L)

Ron DeJarnette  
1300 SE Hamblin Road  
Lee's Summit, MO 64081  
Office: (816) 347-4316  
Cell: (816) 810-5234  
ron.dejarnette@kcpl.com

CITY OF LEES SUMMIT PUBLIC WORKS

Dena Mezger  
220 SE Green Street  
Lee's Summit, MO 64063  
(816) 969-1800

AT&T

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

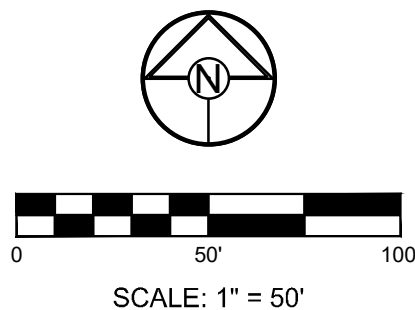
COMCAST CABLE

John Meadows  
4700 Little Blue Parkway  
Independence, MO 64057  
(816) 795-2257

CITY OF LEE'S SUMMIT WATER UTILITIES

Mark Schaufler  
1200 SE Hamblen Road  
Lee's Summit, MO 64081  
(816) 969-1900

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**MISSOURI GEOGRAPHIC REFERENCE SYSTEM  
BENCH MARK:**

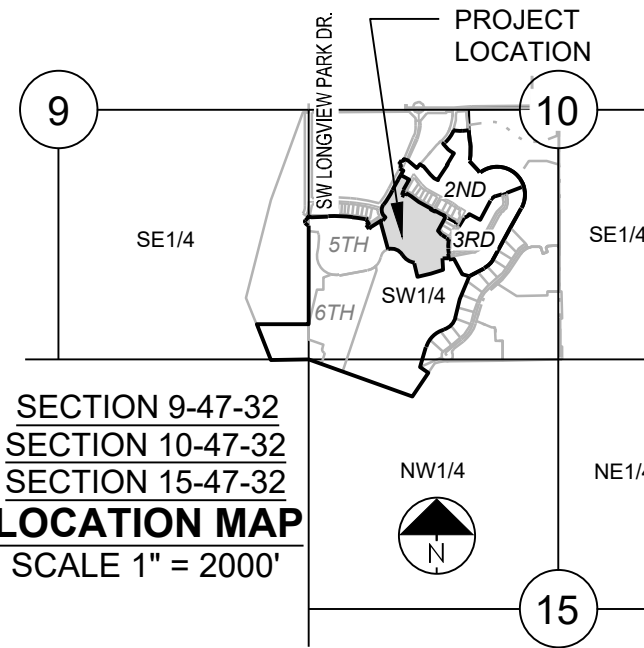
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NORTHING: 998893.4148  
EASTING: 2803318.5413  
ELEV. 1004.09



- 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.



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

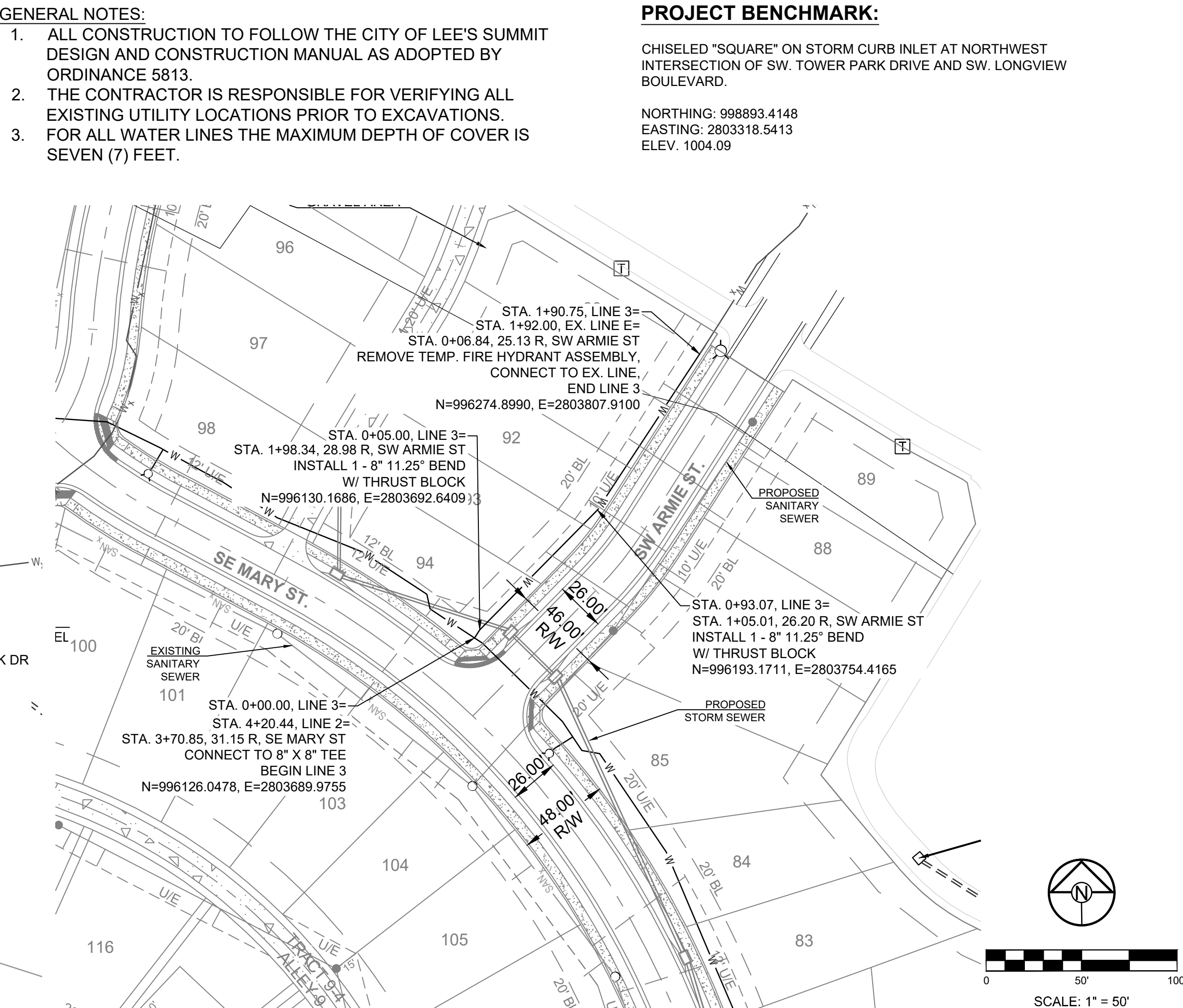
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|---------------|---------------------|
| 6-10-19       | City Comments       |
| 6-27-19       | City Comments       |
| 9-25-19       | Revise Water Line 4 |
| 4-22-19       | DATE PREPARED       |
| 19-002        | PROJ. NUMBER        |

**GENERAL LAYOUT**

SHEET

**2**

OF 5



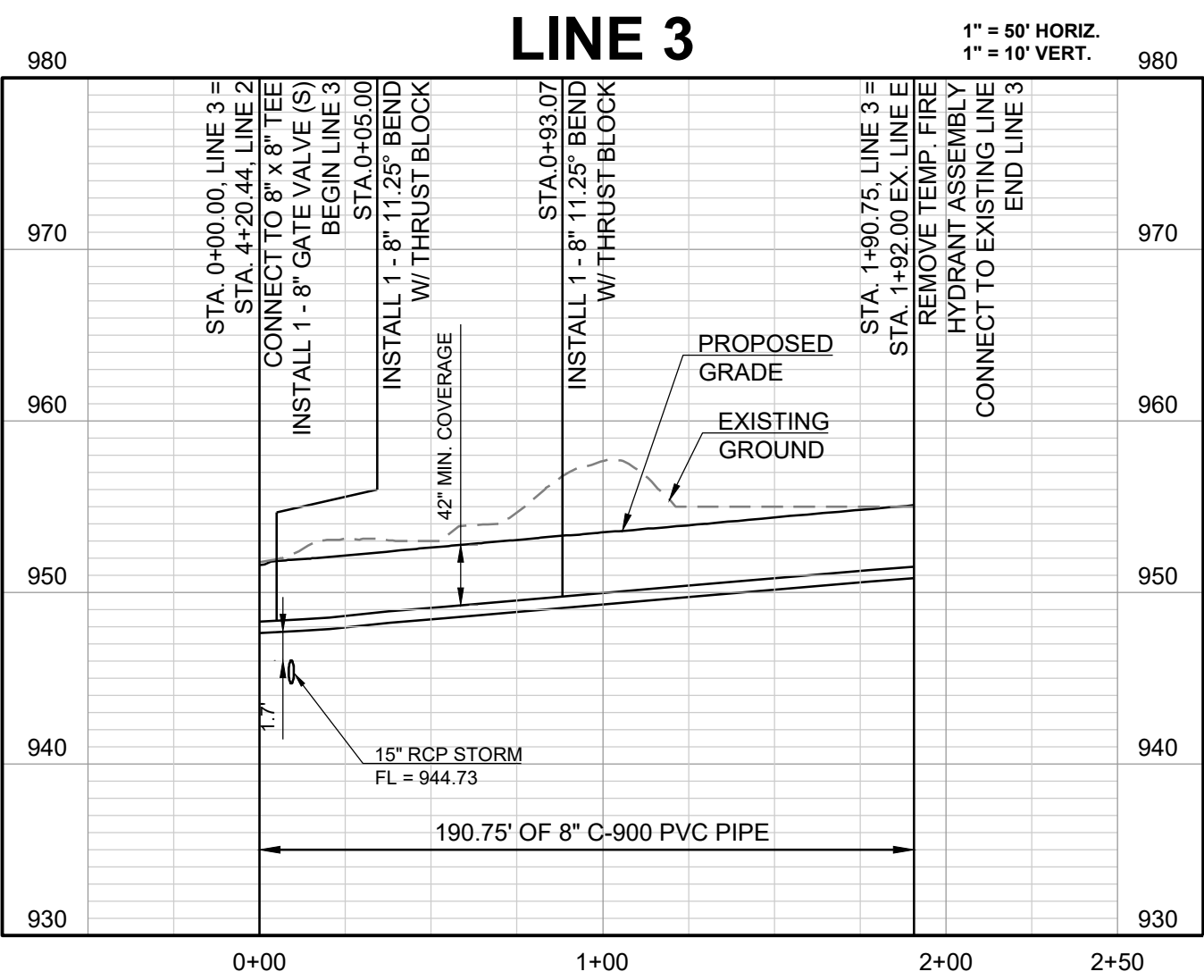
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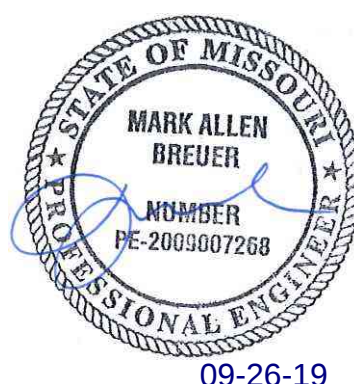
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# PERGOLA PARK 4TH PLAT

## WATER LINE PLANS

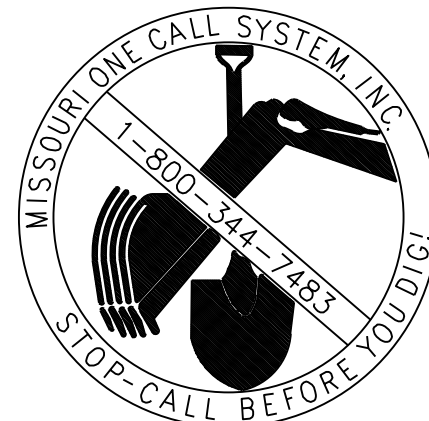
— LEE'S SUMMIT, MISSOURI

| DRAWN BY:     |  | REVISION DATE | DESCRIPTION         |
|---------------|--|---------------|---------------------|
| BAL           |  | 1 6-10-19     | City Comments       |
|               |  | 2 6-27-19     | City Comments       |
| CHECKED BY:   |  | 3 9-25-19     | Revise Water Line 4 |
| MAB           |  | 4             |                     |
|               |  | 5             |                     |
| DATE PREPARED |  | 6             |                     |
| 4-22-19       |  | 7             |                     |
| PROJ. NUMBER: |  | 8             |                     |

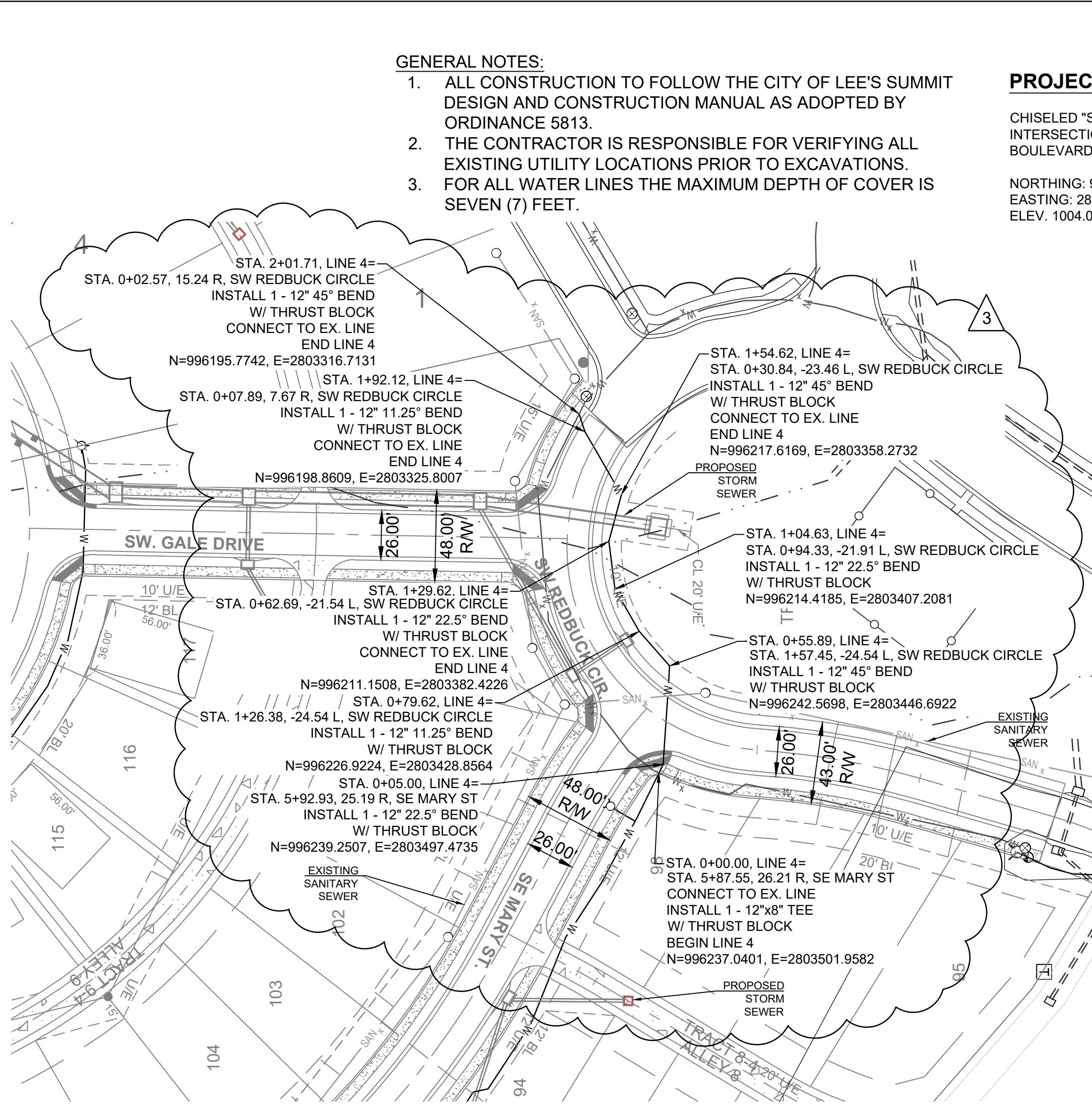
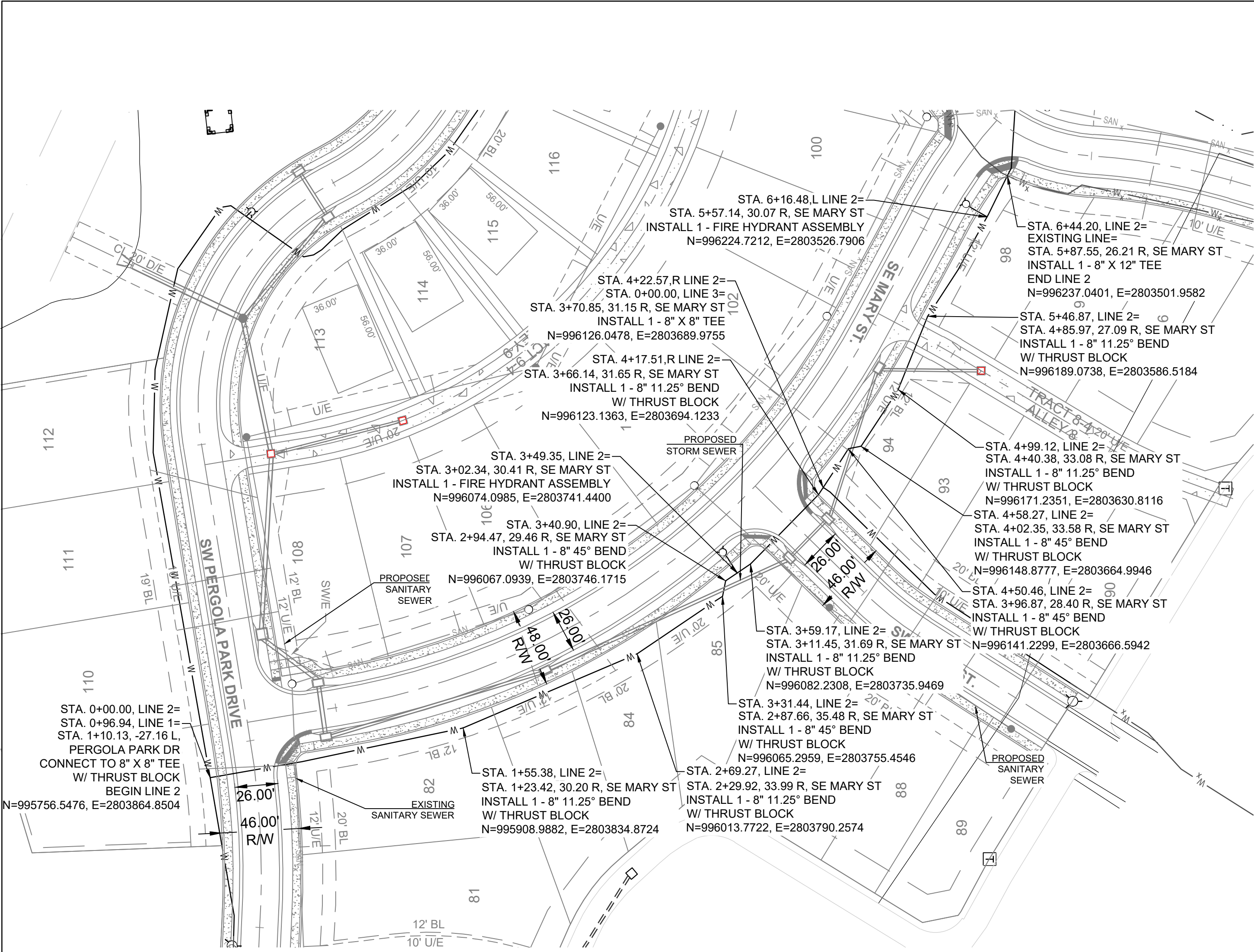
LINES 1 AND 3  
 PLAN AND  
 PROFILE

SHEET

OF 5



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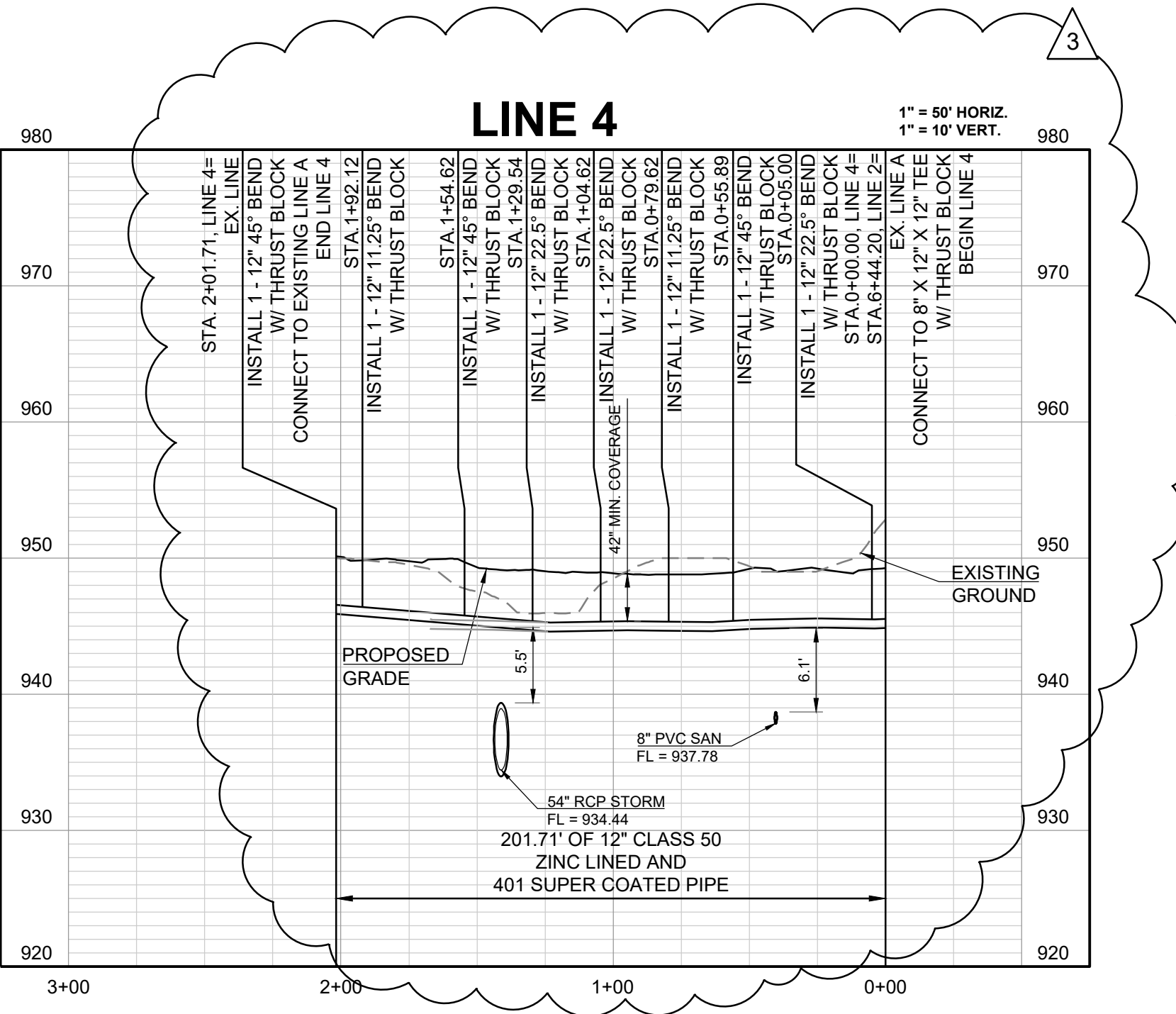
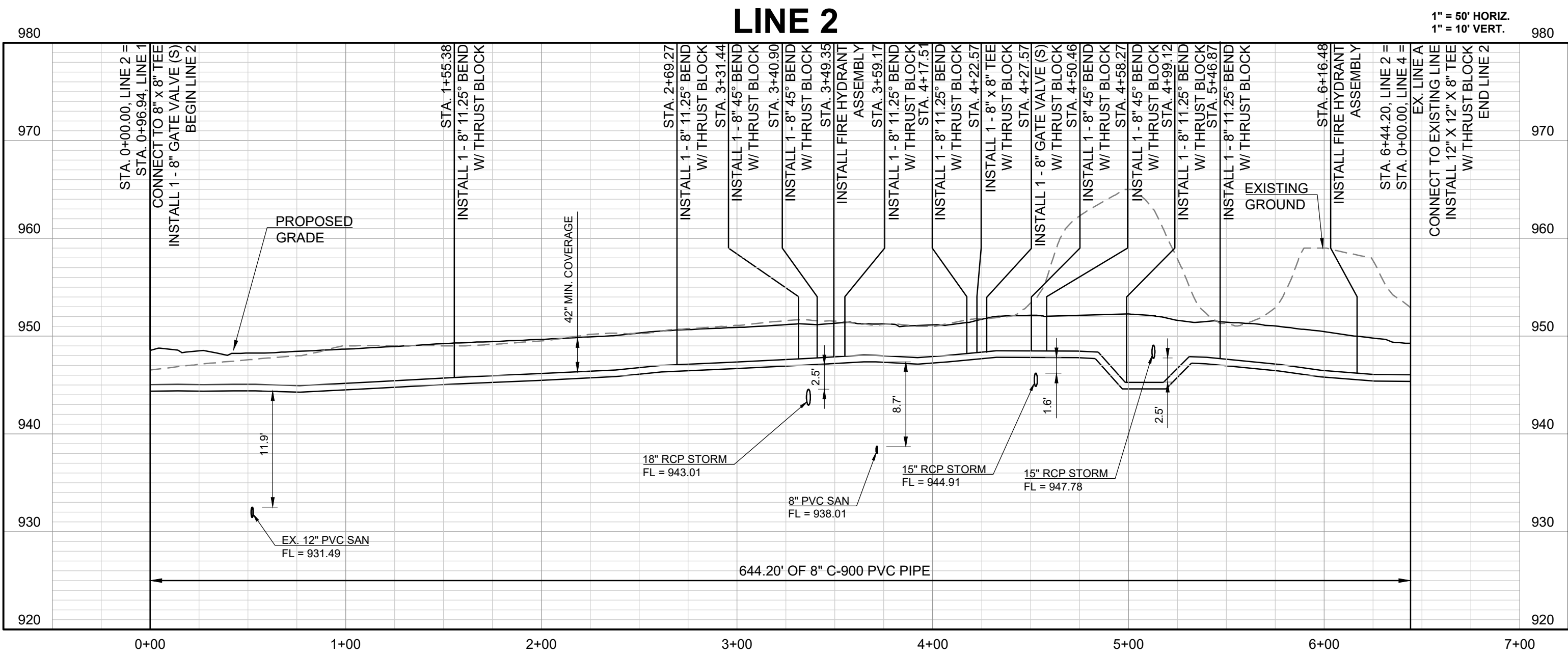


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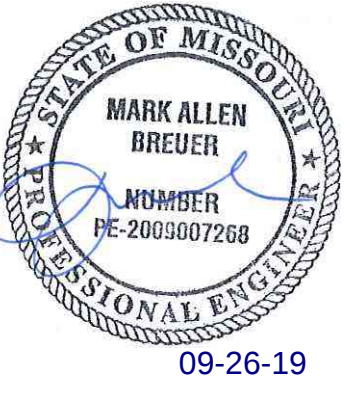
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PERGOLA PARK 4TH PLAT  
WATER LINE PLANS  
- LEE'S SUMMIT, MISSOURI

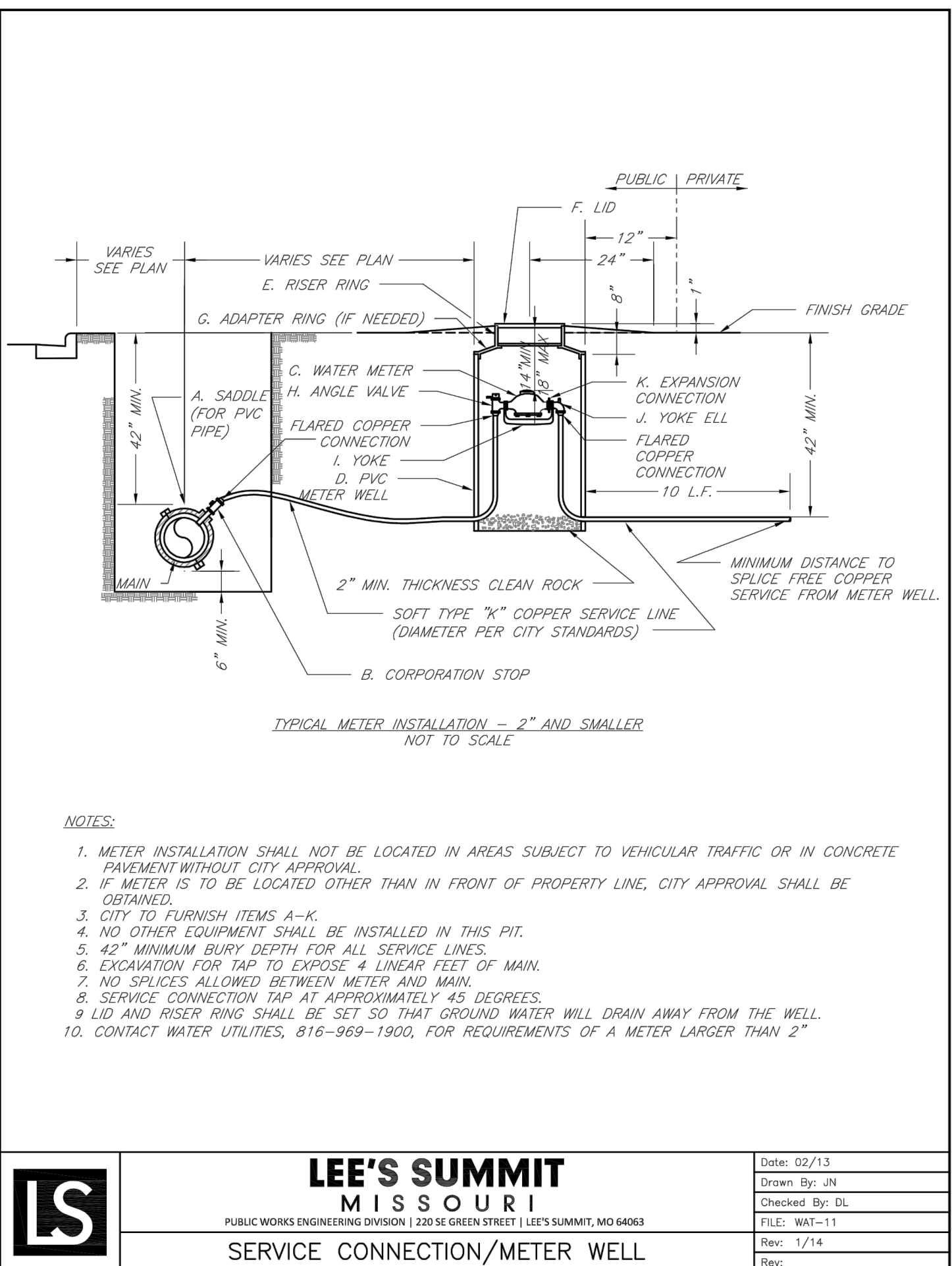
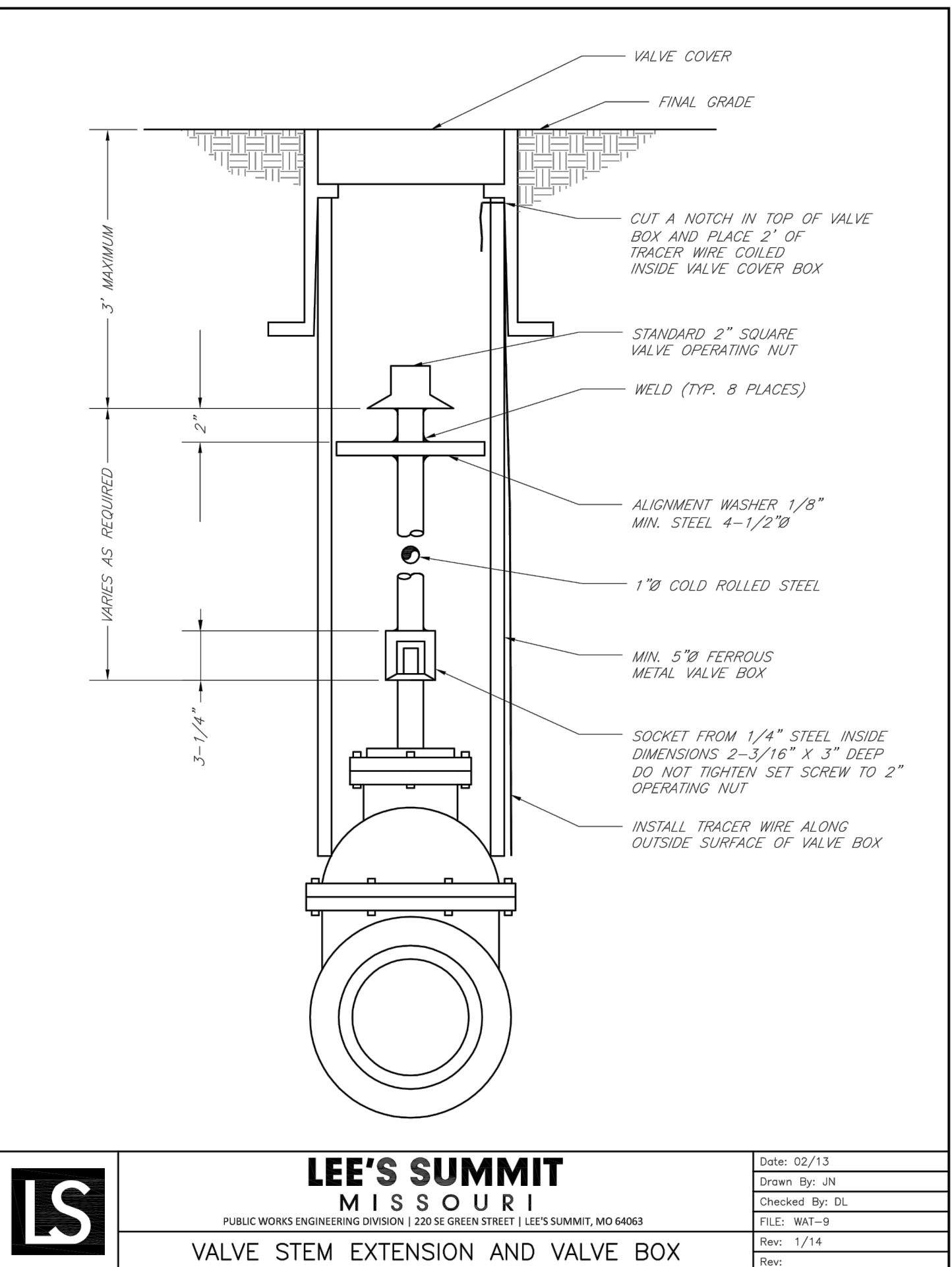
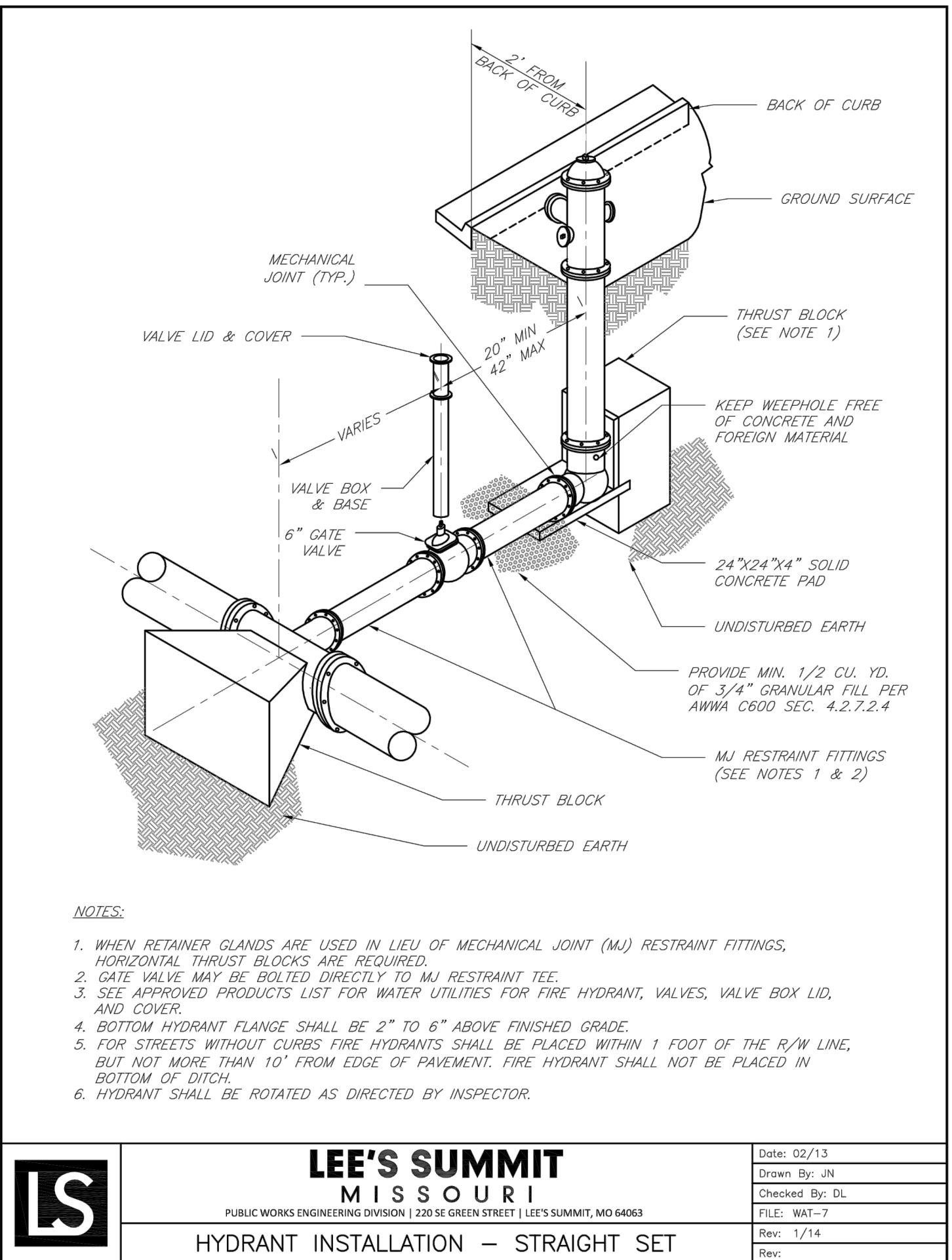
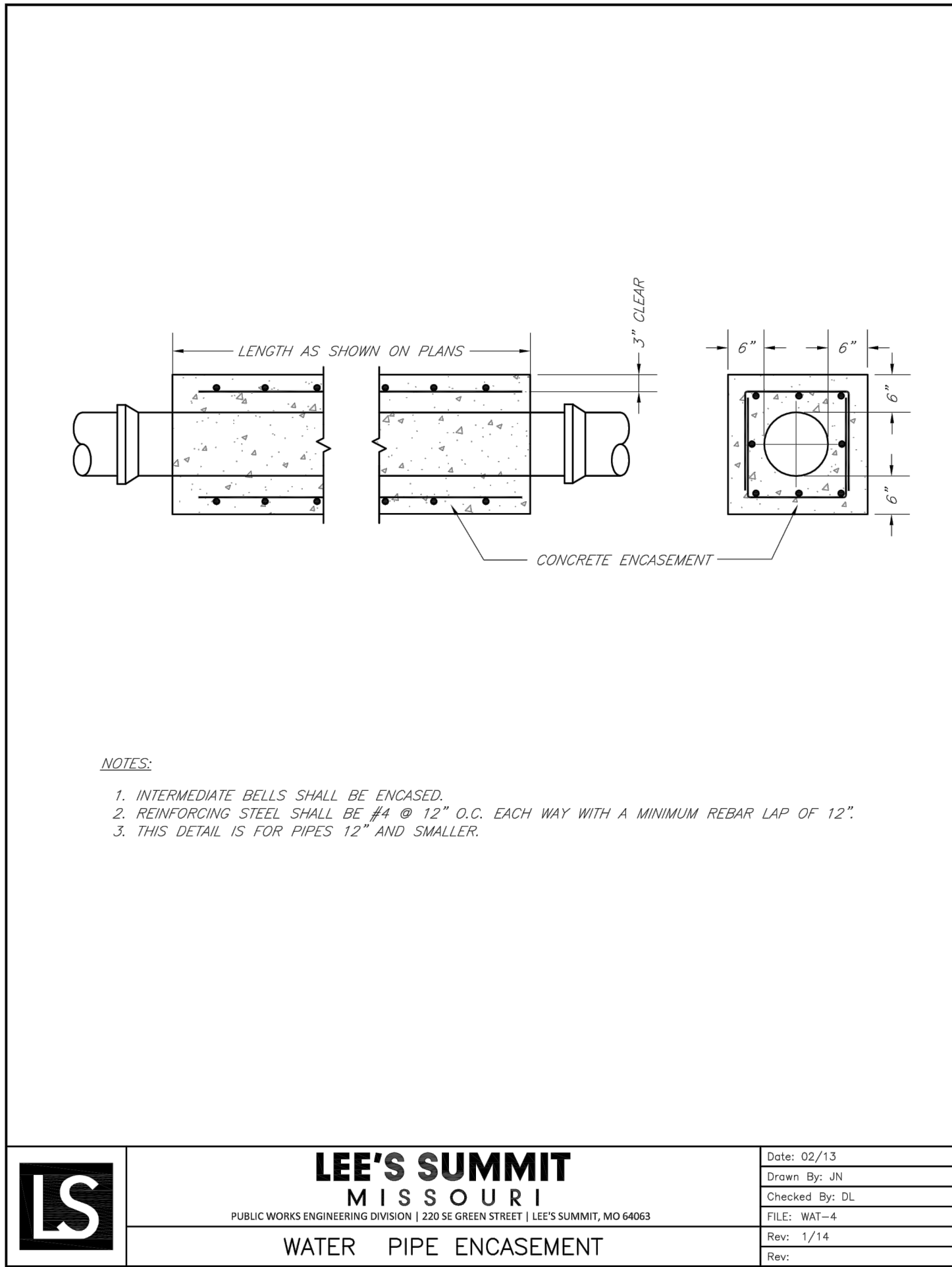
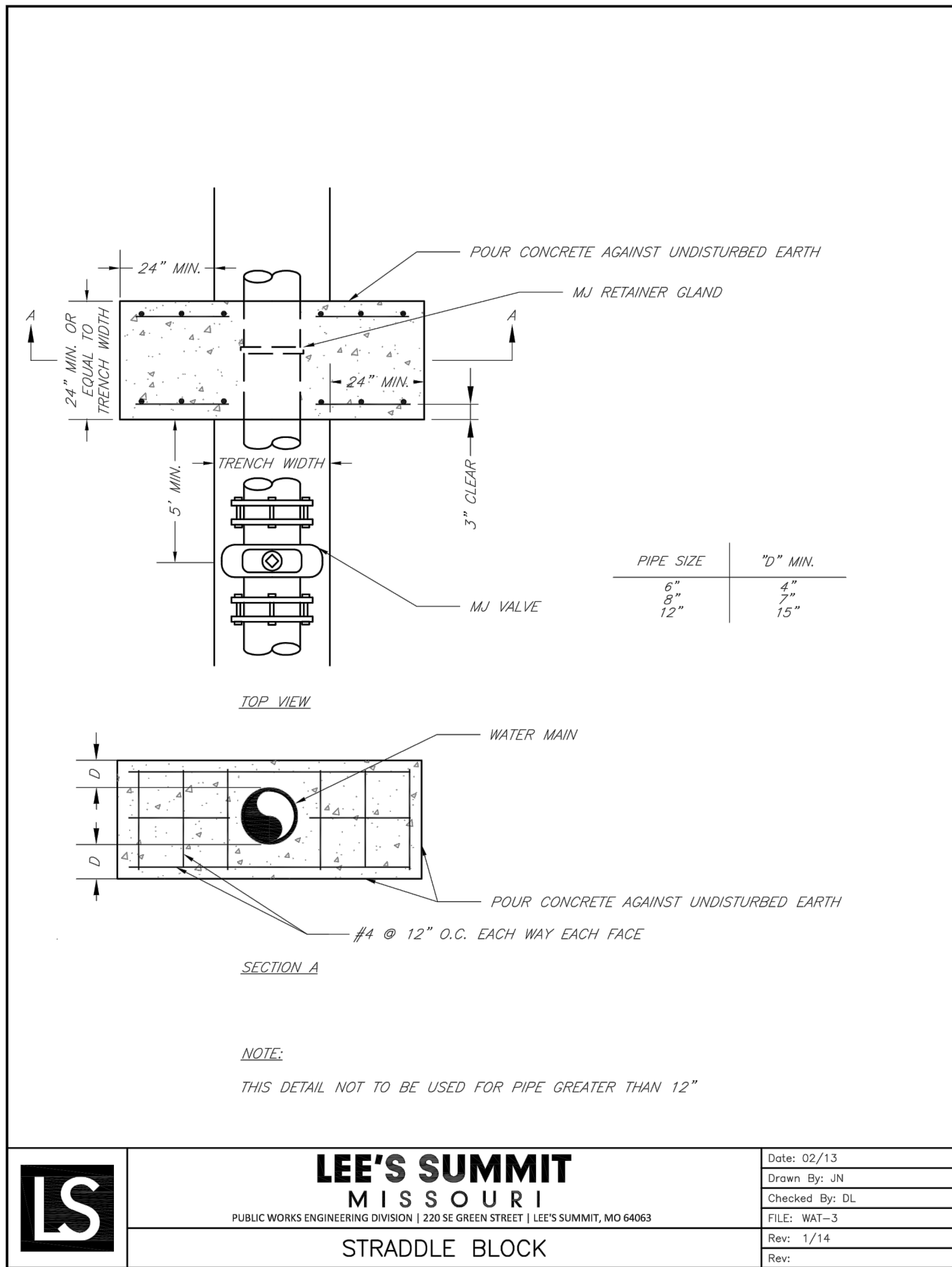
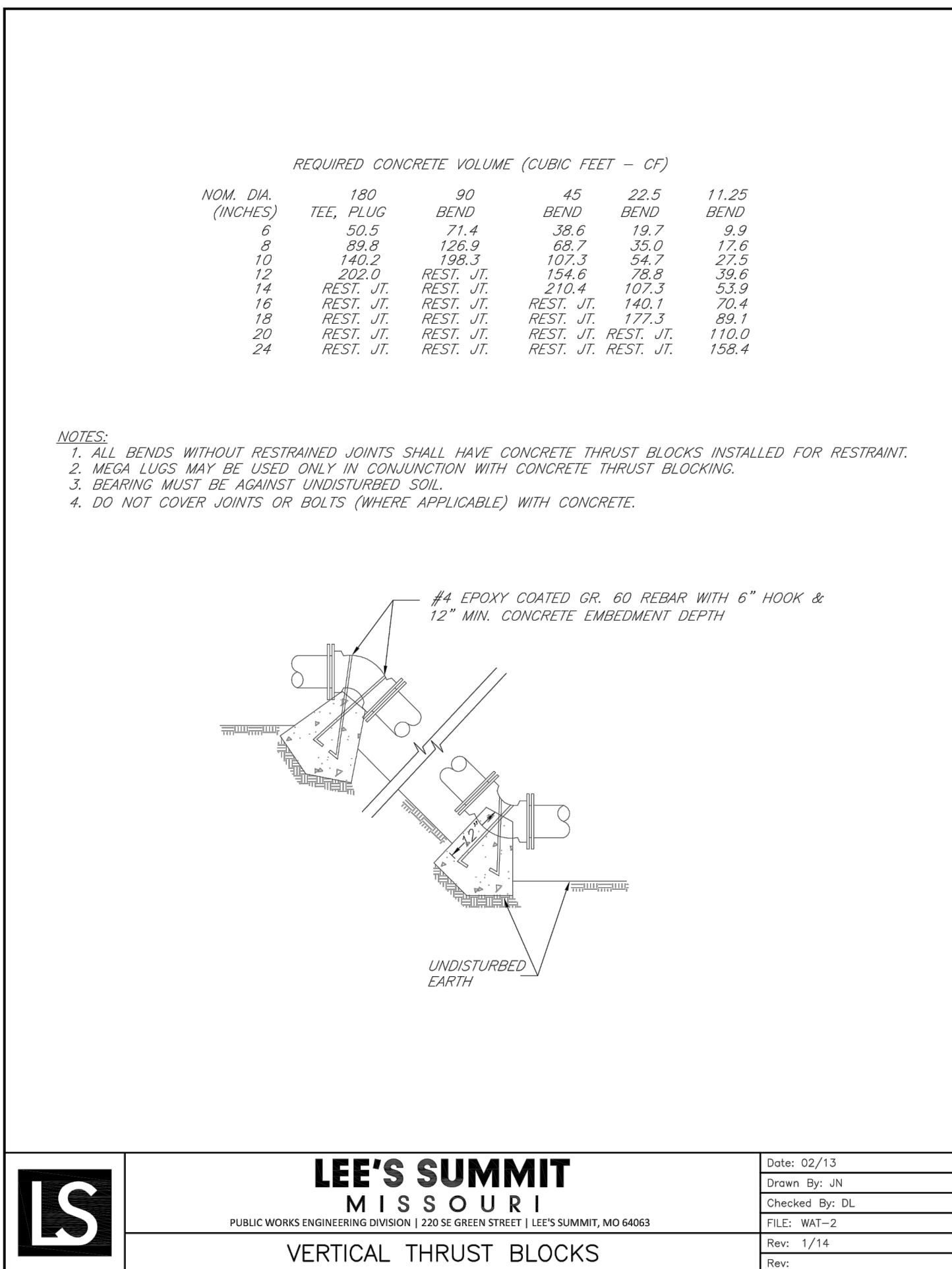
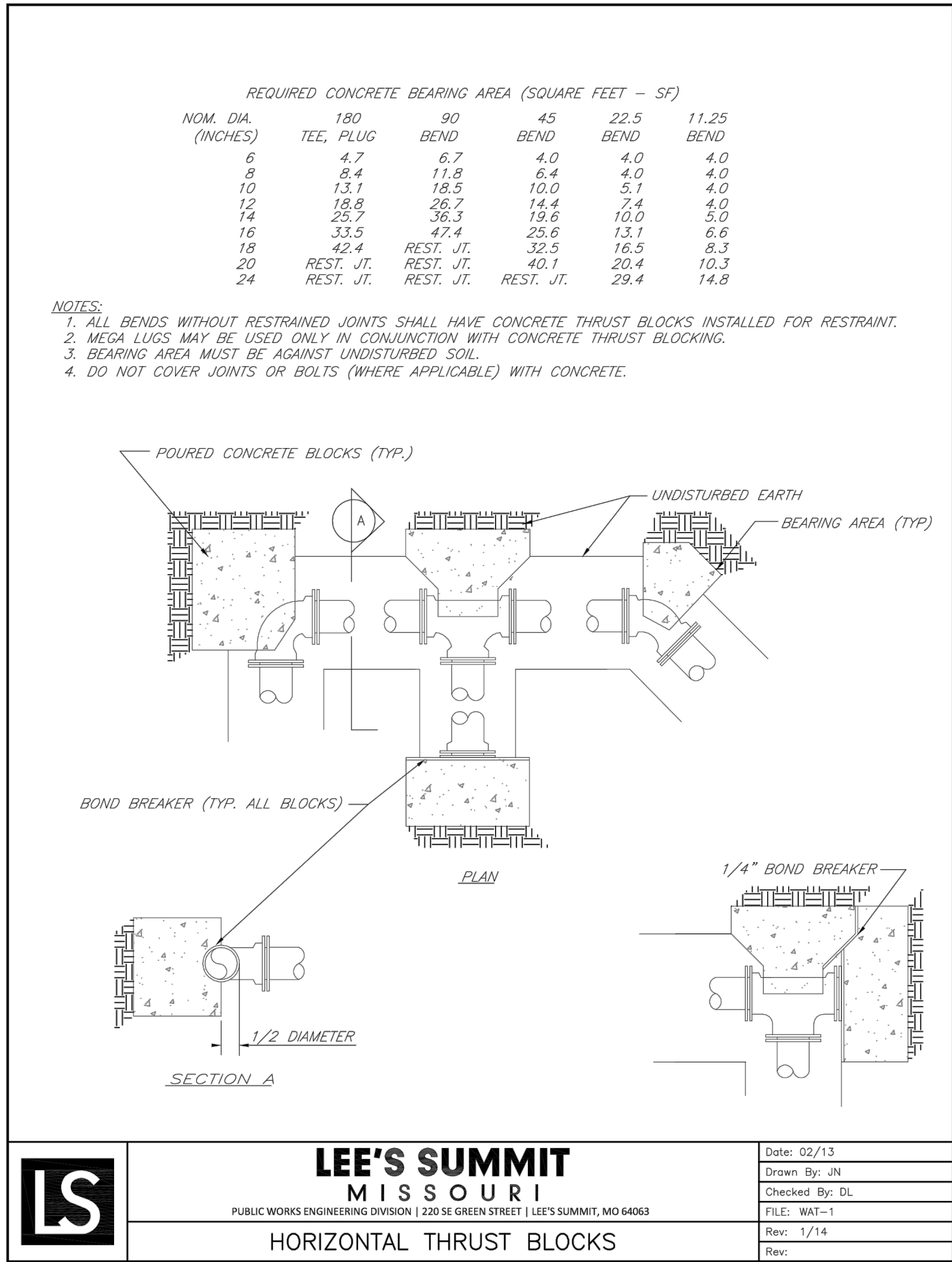
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|---------------|---------------------|
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| 4-22-19       |                     |
| 4-22-19       |                     |
| 4-22-19       |                     |
| 4-22-19       |                     |
| 4-22-19       |                     |

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

LINES 2 & 4 PLAN AND PROFILE



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| 6             |                     |
| 7             |                     |
| 8             |                     |
| 9             |                     |

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

WATER LINE  
DETAILS

SHEET