

NW CHIPMAN RD.

NW PRYOR RD.

PROJECT LOCATION

01

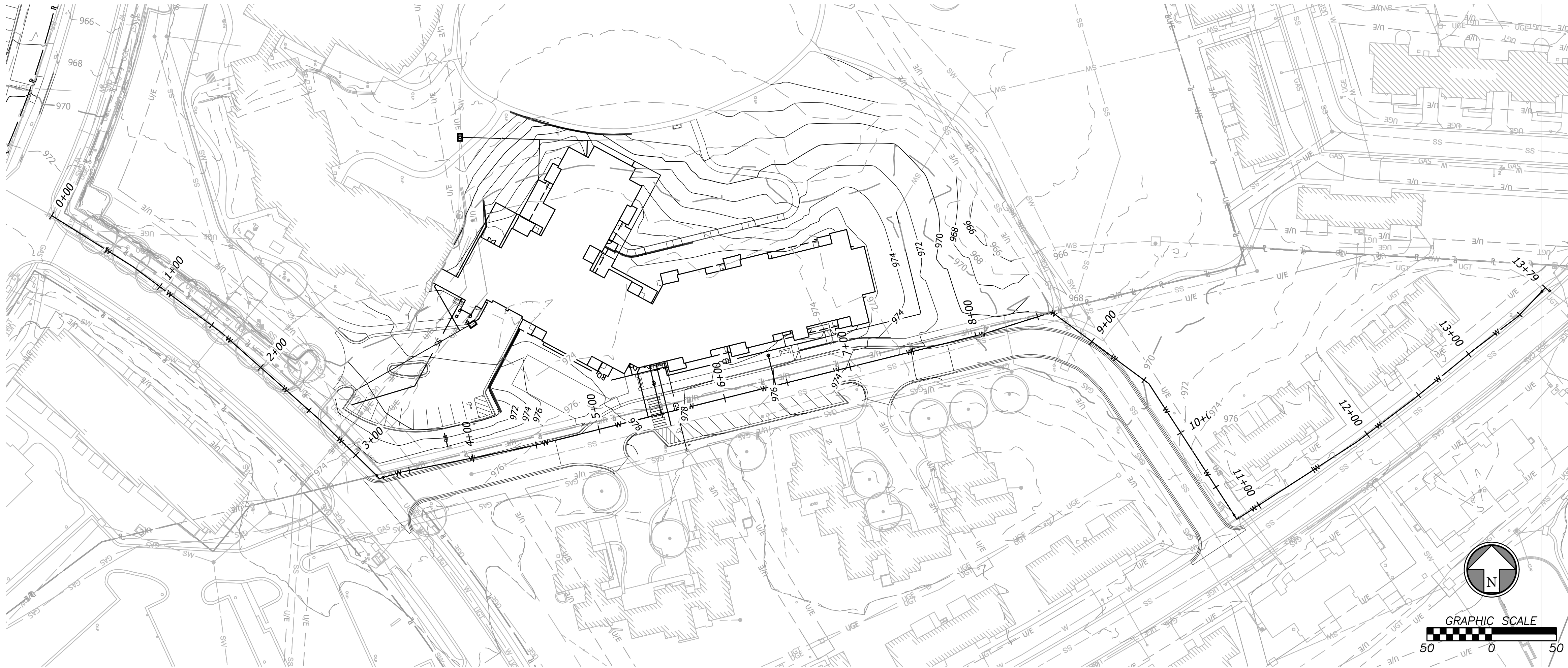
NW MURRAY RD.

NW WARD RD.

SW 3RD ST.

Jul 28, 2021 - 2:15pm Plotted By: scott.tanner V:\028800-John Knox Village Ph II\04-DWG\Eng\Sheet\PIP\028800-SHTS-COVR.dwg Layout: Cover Sheet

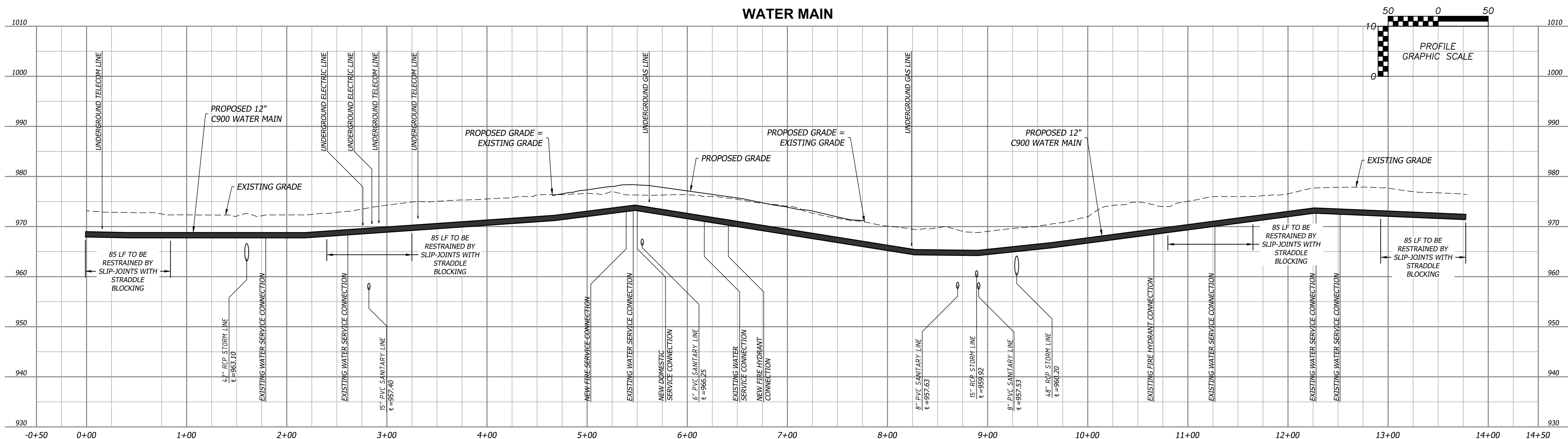
Jul 28, 2021 - 2:16pm Plotted By: scott.lanner V:\028800--John Knox Village Ph. In\04--DWG\Eng\Sheet\p1p\028800--SRTS--WMAIN.dwg Layout: Plan & Profile



PHASING NOTES

- IN ORDER TO LIMIT THE AMOUNT OF TIME WATER USERS ARE WITHOUT WATER, THE CONSTRUCTION OF THIS WATER MAIN SHALL BE PHASED AS FOLLOWS:
 - INSTALL STRADDLE BLOCK ON EXISTING WATER MAIN AT STATION 1+60.
 - CUT AND CAP EXISTING WATER MAIN AT STATION 1+60.
 - REMOVE THE FIRST 150' OF EXISTING WATER MAIN DURING THE INSTALLATION OF NEW 12" MAIN. THE REMAINDER OF THE WATER MAIN SHALL BE ABANDONED IN PLACE.
 - START CONSTRUCTION OF NEW 12" WATER MAIN AT STATION 0+00, PER WATER MAIN CONNECTION DETAIL 4 ON SHEET 2.
 - INSTALL THE NEW 12" WATER MAIN FROM STATION 0+00 TO APPROXIMATELY STATION 13+75.
 - TEST AND FLUSH INSTALLED 12" WATER MAIN.
 - CONNECT TO EXISTING WATER MAIN PER WATER MAIN CONNECTION DETAIL 1 ON SHEET 2.
 - USING VARIOUS VALVE CLOSING AND OPENING PATTERNS, TRANSFER SERVICE TO ALL CUSTOMERS WITH A MAXIMUM SHUTDOWN TIME OF 8 HOURS.
 - UPON COMPLETION OF ALL SERVICE TRANSFERS, INSTALL CONNECTIONS SHOWN IN WATER MAIN CONNECTION DETAILS 2 AND 3 (ON SHEET 2).
 - ABANDON EXISTING LINE FROM STATION 1+50 TO 13+75. WATER MAIN TO BE ABANDONED SHALL BE PLUGGED AT EACH END. A SECTION OF PIPE 10 FEET LONG SHALL BE CUT OUT OF THE EXISTING LINE AND WATER SHALL BE DRAINED OUT TO THE FULLEST EXTENT POSSIBLE. THE ENDS SHALL BE SEALED WITH A 1-FOOT THICK PLUG OF NON-SHRINK GROUT SEALED WITH A PORTLAND CEMENT GROUT.
- CONTRACTOR TO PROVIDE SUFFICIENT NOTICE TO WATER USERS PRIOR TO SHUT DOWN OF THEIR SERVICE.
- CONTRACTOR TO NOTIFY DEVELOPMENT SERVICES INSPECTIONS PRIOR TO PERFORMING ANY SHUT-DOWNS.
- THE CITY OF LEE'S SUMMIT IS THE ONLY PARTY ALLOWED TO TURN VALVES ON OR OFF.
- DOOR HANGERS MUST BE PLACED ON AFFECTED CUSTOMERS AT LEAST 24 HOURS PRIOR TO THE SCHEDULED DISRUPTION.
- MINIMUM NOTICE OF 48 HOURS SHALL BE GIVEN TO THE CITY OF LEE'S SUMMIT PRIOR TO ANY SHUTDOWN.
- ONCE WORK BEGINS ON A GIVEN PHASE, ALL WORK WITHIN THAT PHASE MUST BE CONTINUOUS UNTIL THE COMPLETION OF THAT PHASE.
- THE MAXIMUM AMOUNT OF TIME FOR ANY WATER CUSTOMER TO BE WITHOUT SERVICE IS 8 HOURS.

Rev.	Date	Description	By	App.

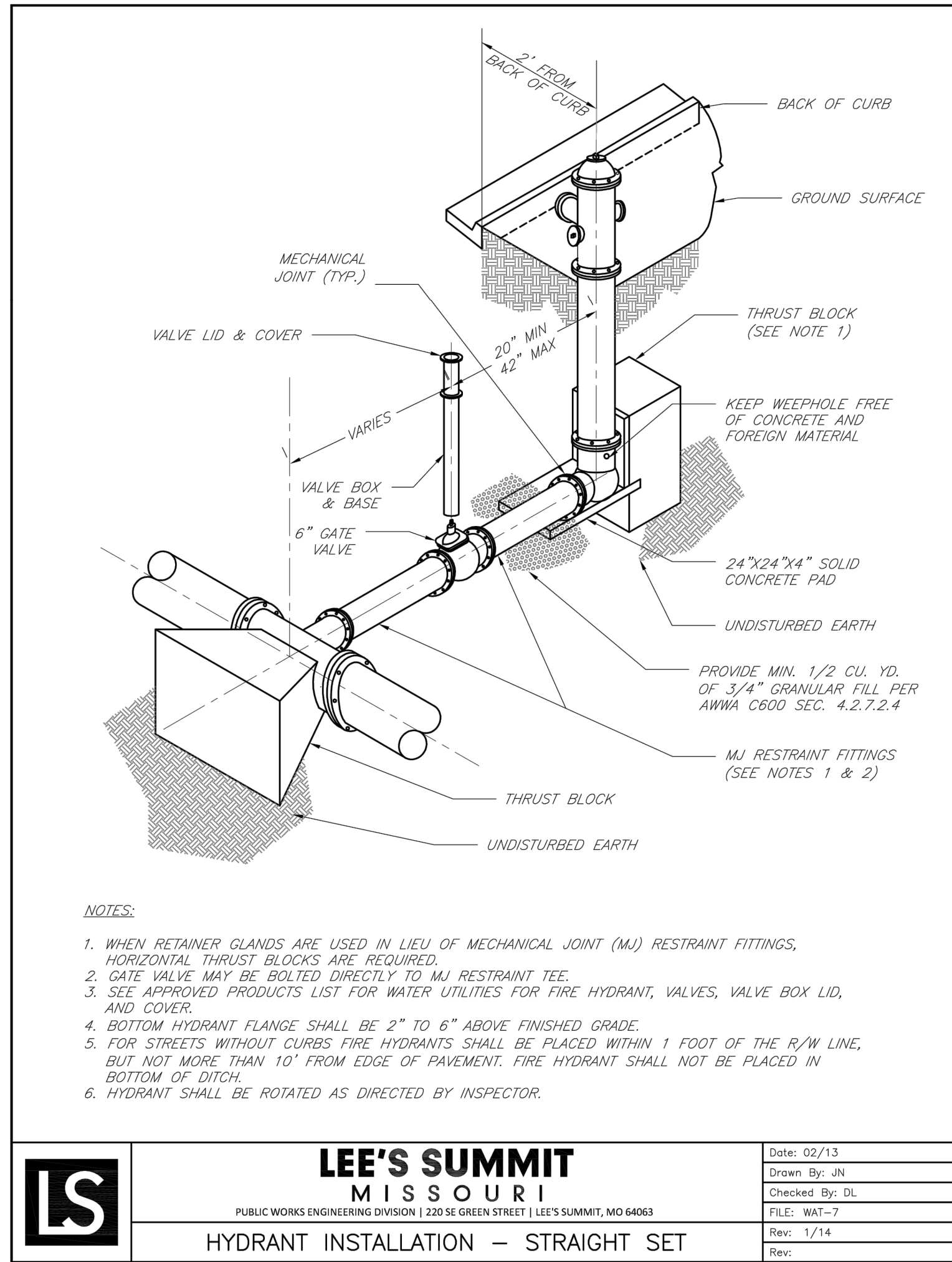
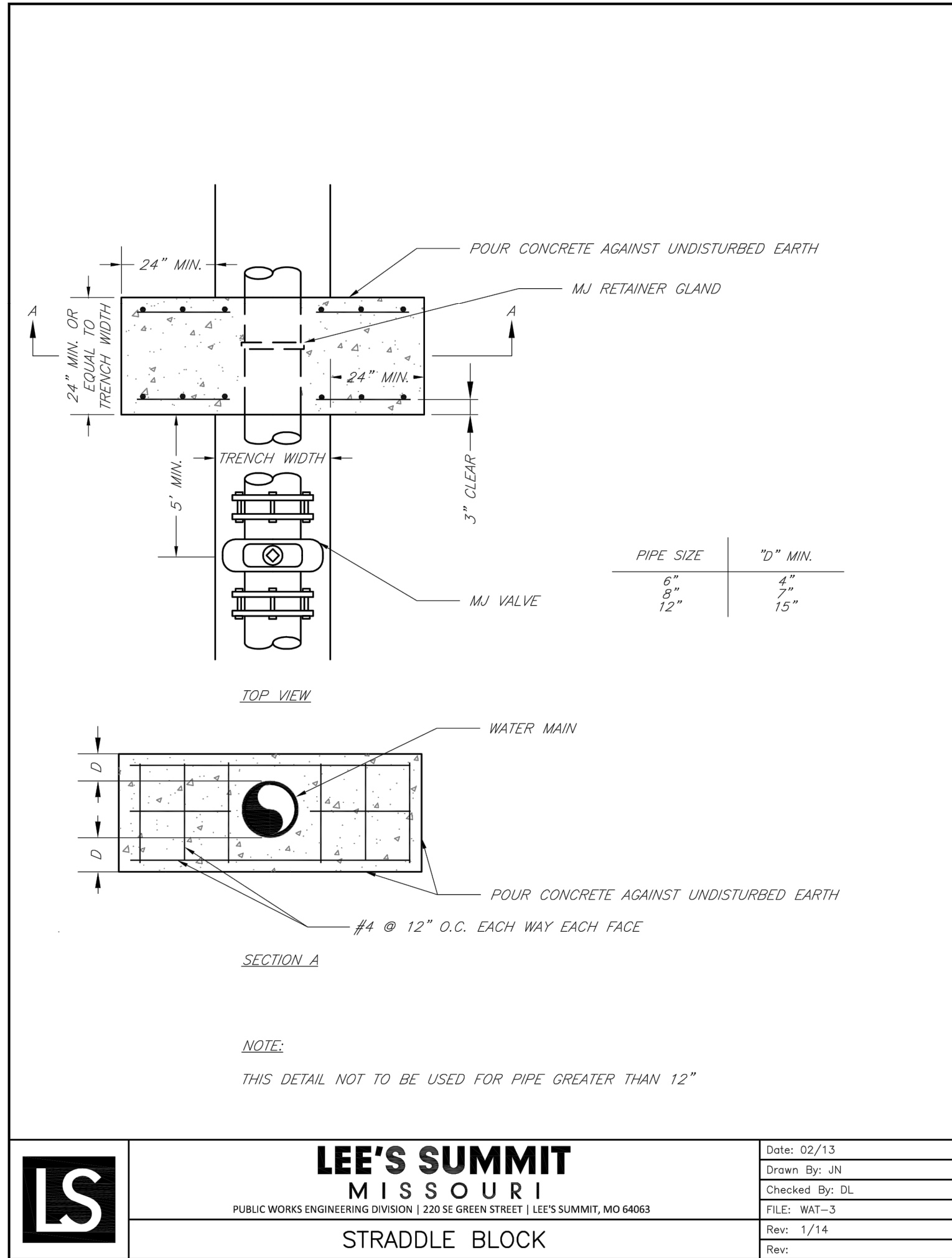
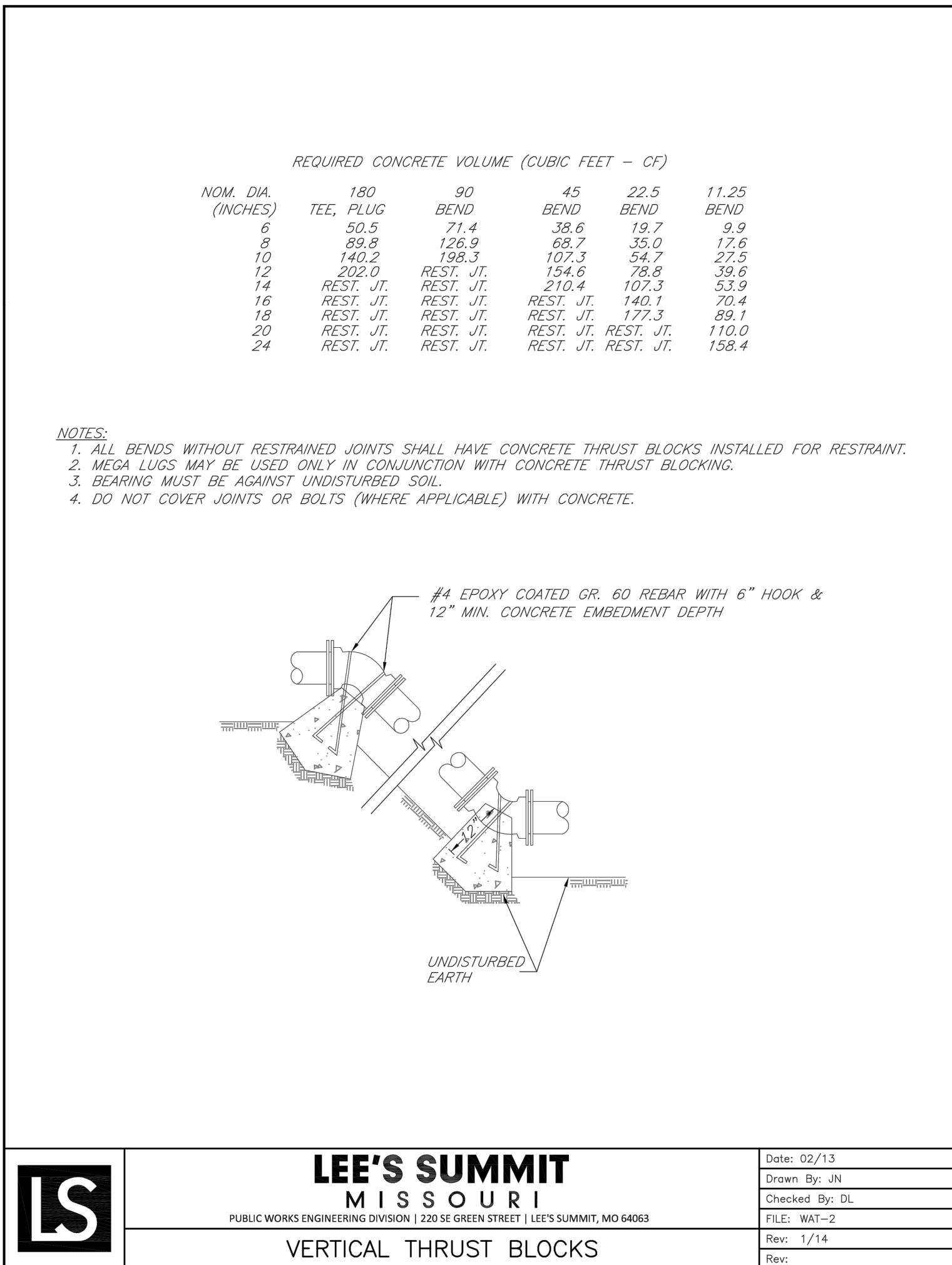
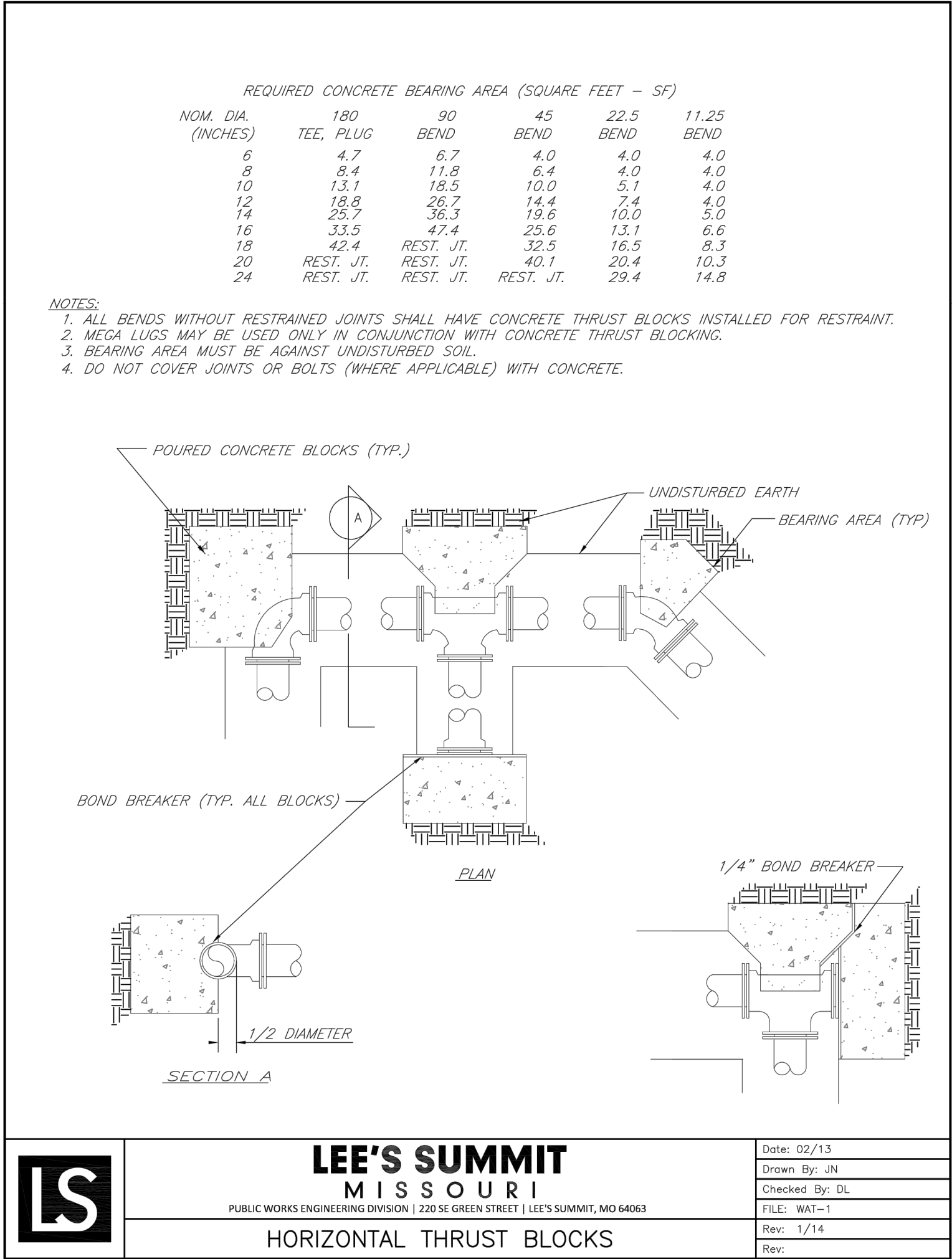


Prepared For:
JOHN KNOX VILLAGE
1001 NW CHIPMAN RD.
LEE'S SUMMIT, MO 64081
816-251-8000

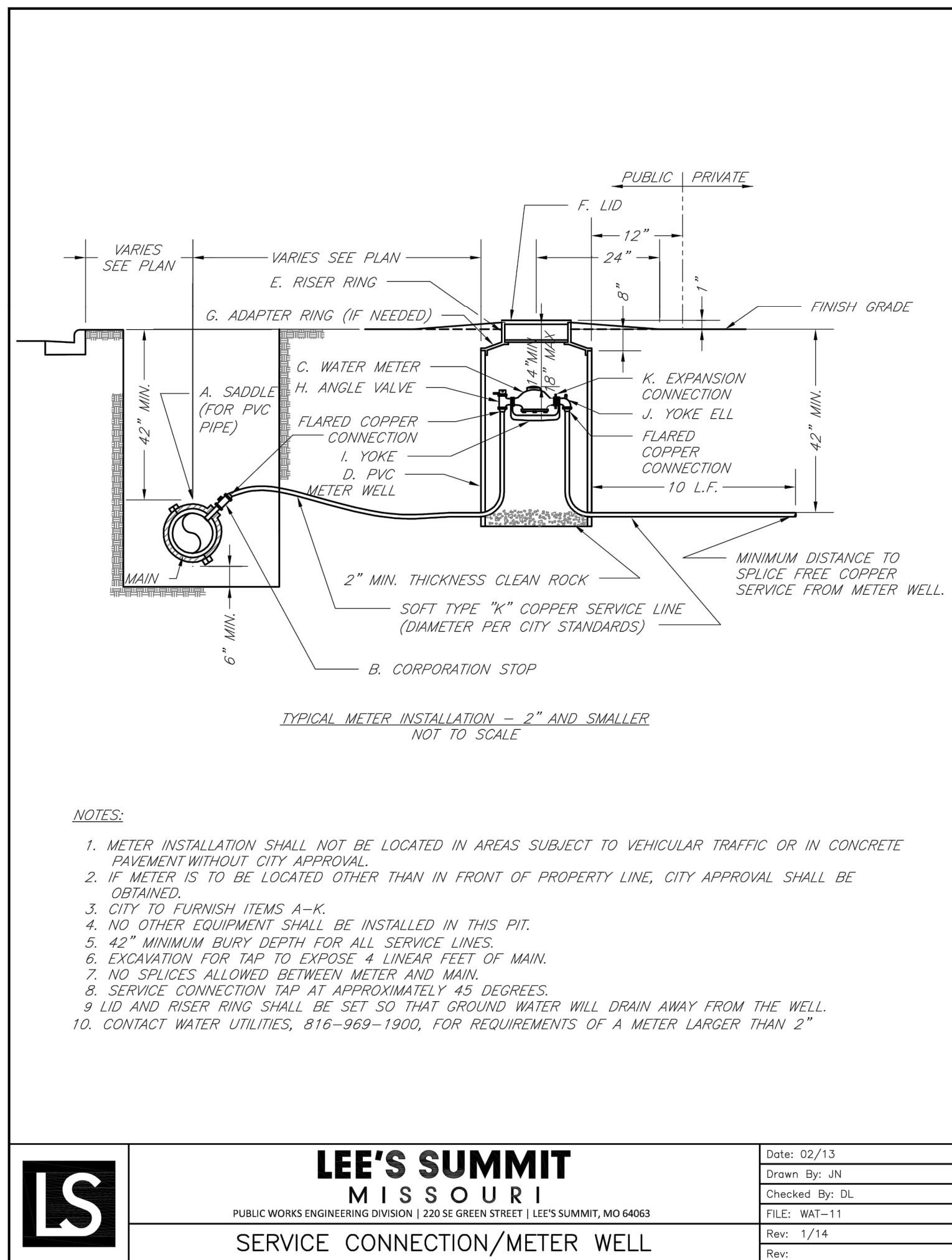
PUBLIC WATER MAIN IMPROVEMENTS
JOHN KNOX VILLAGE MEADOWS
LEE'S SUMMIT, MO 64081
WATER MAIN PLAN & PROFILE

Design: SKT Drawn: SKT
Checked: ERB
Issue Date: 05/04/2021
Project Number: 028800

Jul 28, 2021 - 2:28pm Plotted By: scott.larner V:\028800--John Knox Village Ph II\04--DWG\Eng\Sheet\pwp\028800--SFHS--MAIN.dwg Layout: DETAILS



TYPICAL WATER MAIN TRENCH WITH ABANDONED IN PLACE PIPE
Not to Scale

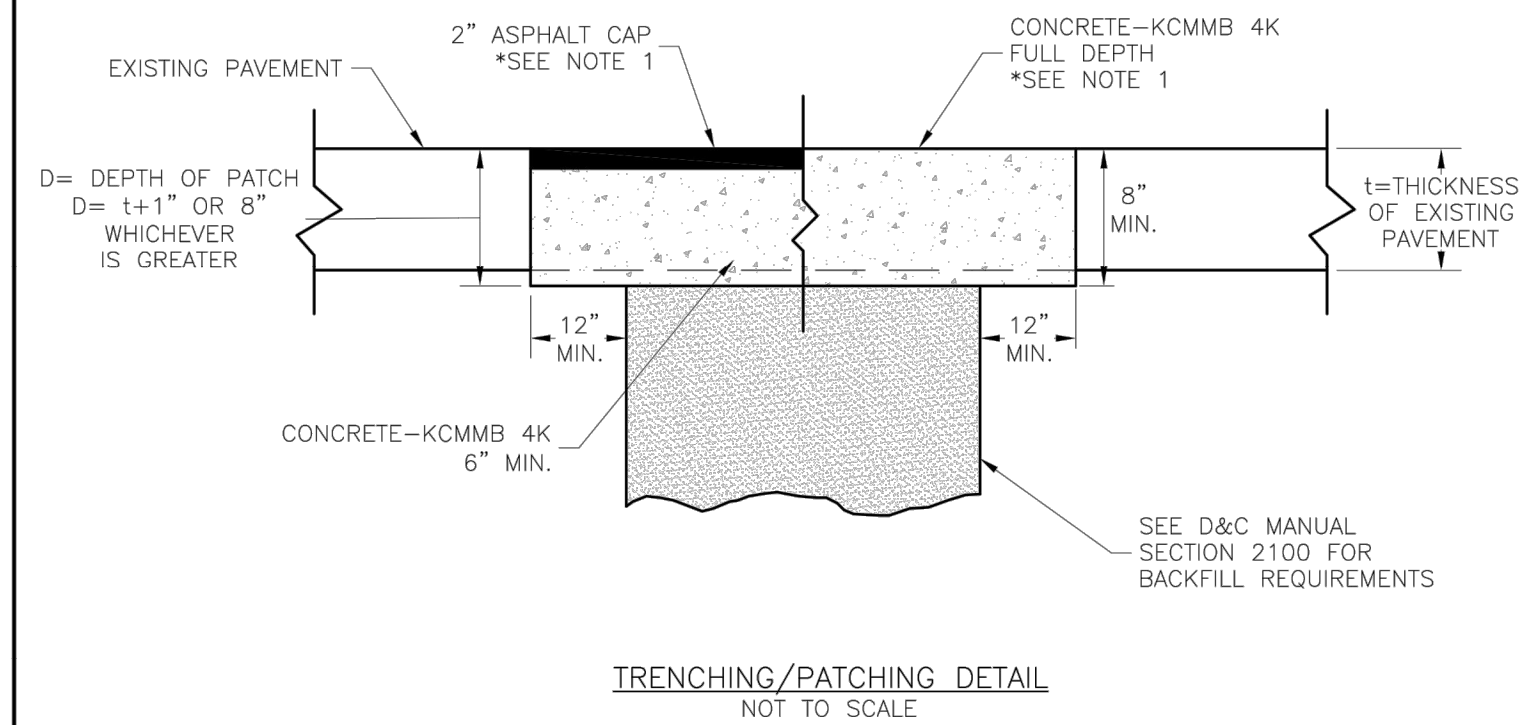


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PUBLIC WATER MAIN IMPROVEMENTS
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WATER MAIN DETAILS

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NOTE:

1. ASPHALT CAP OR FULL DEPTH CONCRETE SHALL BE DETERMINED BY CITY INSPECTOR.



LEE'S SUMMIT
MISSOURI

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

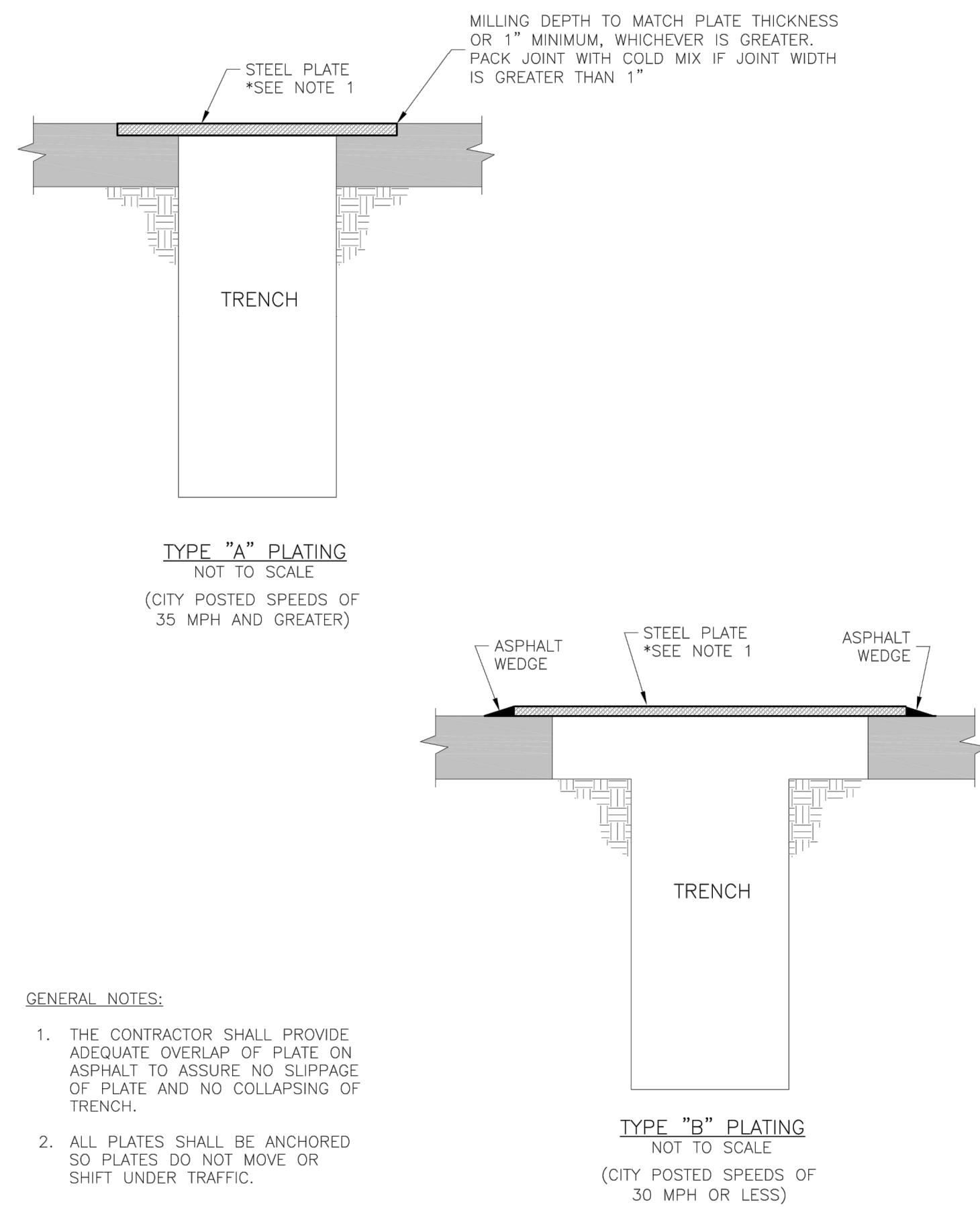
TRENCHING/PATCHING ROADWAYS DETAIL

Date: 04/17

Drawn By: MJF

Checked By: DL

GEN-5



GENERAL NOTES:

1. THE CONTRACTOR SHALL PROVIDE ADEQUATE OVERLAP OF PLATE ON ASPHALT TO ASSURE NO SLIPPAGE OF PLATE AND NO COLLAPSING OF TRENCH.
2. ALL PLATES SHALL BE ANCHORED SO PLATES DO NOT MOVE OR SHIFT UNDER TRAFFIC.



LEE'S SUMMIT
MISSOURI

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

TRENCHING PLATE DETAIL

Date: 04/17

Drawn By: MJF

Checked By: DL

GEN-6

Prepared For:

JOHN KNOX VILLAGE

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LEE'S SUMMIT, MO 64081

816-251-8000

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