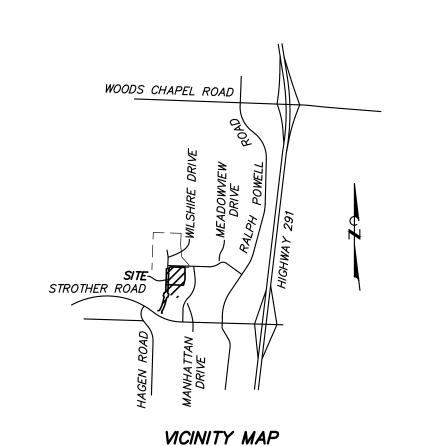
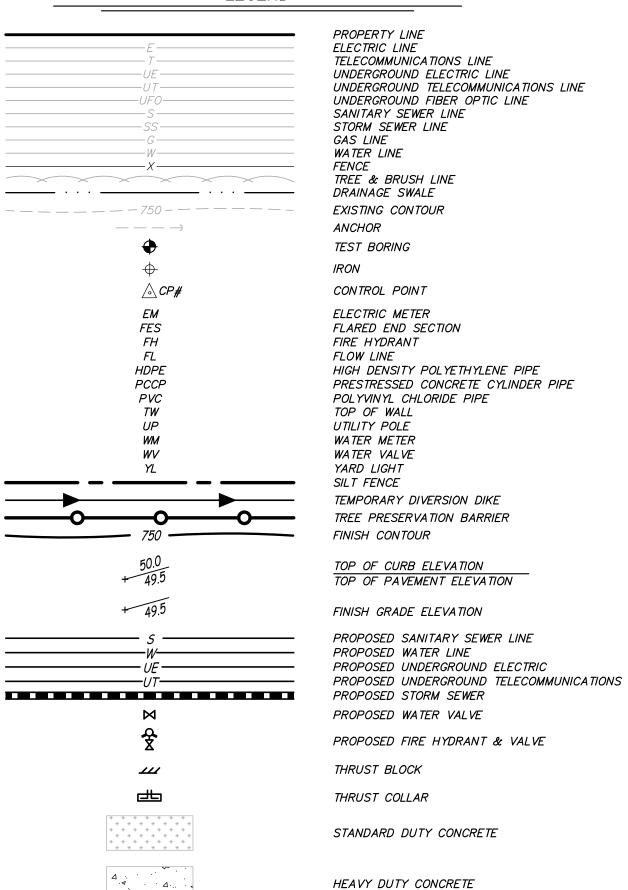
WILSHIRE HILLS - 4TH PLAT WATER LINE EXTENSION

LEE'S SUMMIT, JACKSON COUNTY, MISSOURI JUNE 27, 2023 REVISED: OCTOBER 12, 2023



LEGEND

NOT TO SCALE



FLOODPLAIN NOTE

THIS PROPERTY IS LOCATED IN ZONE X "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD" AS SHOWN BY FIRM COMMUNITY PANEL NUMBER 29095C0430G, DATED JANUARY 20, 2017.

ZONING NOTE

THIS PROPERTY IS ZONED "P-MIX" PLANNED MIXED USE DISTRICT

UTILITY CONSTRUCTION NOTES

- 1. LOCATION OF SITE UTILITIES SHALL BE VERIFIED BY CONTRACTOR AND THE PROPER UTILITY COMPANY PROVIDING SERVICE PRIOR TO THE START OF CONSTRUCTION.
- 2. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
- 3. UTILITY TIE-INS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO MEP PLANS FOR EXACT TIE-IN OF ALL UTILITIES.
- 4. SITE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE SPECIFICATIONS OF LEE'S SUMMIT WATER AND LIGHT DEPARTMENT AND CITY OF LEE'S SUMMIT PUBLIC WORKS WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES, RESPECTIVELY.
- 5. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS, BACKFILL OF TRENCHES THROUGH ANY IMPROVED AREAS, SUCH AS STREET, DRIVES OR PARKING LOTS SHALL BE COMPACTED TO MINIMUM 95% STANDARD PROCTOR DENSITY (ASTM D-698).
- 6. ALL UNDERGROUND UTILITY CONDUITS SHALL BE PLACED 48" BELOW FINISH GRADE UNLESS NOTED OTHERWISE.
- 7. ALL UNDERGROUND LINES SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
- 8. TOPS OF EXISTING ELECTRIC, SANITARY, STORM, WATER, TELECOMMUNICATION, GAS, IRRIGATION, CHILLED WATER, AND STEAM STRUCTURES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED FINISHED ELEVATIONS.
- 9. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH OF 3000 P.S.I.
- 10. STUBS FOR FUTURE UTILITIES SHOULD BE CLEARLY MARKED AND ES&S CONTACTED FOR DATA COLLECTION.

CONSTRUCTION NOTES

- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- 2. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
- 3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL IDENTIFIED PROPERTY CORNERS, LAND SURVEY CORNERS, AND ACCESSORIES. THE CONTRACTOR SHALL CAUSE THE CORNERS AND ACCESSORIES TO BE REFERENCED BY A LICENSED LAND SURVEYOR, AND ANY SUCH CORNER OR ACCESSORIES DISTURBED OR DESTROYED DURING CONSTRUCTION SHALL BE RESET BY THE SURVEYOR AT THE ORIGINAL LOCATION, AND FILE THE RESTORATIONS AND MONUMENT DOCUMENTS AS THE LAW REQUIRES.
- 4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEERING SURVEYS AND SERVICES FOR REVIEW AND APPROVAL FOR ALL MATERIALS BEFORE ORDERING.
- 5. ALL TRAFFIC CONTROL SHALL BE PER CURRENT MUTCD REQUIREMENTS AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. A TRAFFIC CONTROL PLAN WILL BE REQUIRED FOR ANY WORK WITHIN THE RIGHT-OF-WAY.
- 6. IF A CONFLICT EXISTS BETWEEN THE CIVIL PLANS AND CIVIL SPECIFICATIONS, THE CIVIL PLANS SHALL GOVERN.
- 7. ALL INCIDENTAL ITEMS INCLUDING BUT NOT LIMITED TO SIGNS, PAVEMENT MARKING, PAVEMENT, CURBS, TRUNCATED DOMES, FENCING, LANDSCAPING, IRRIGATION, ETC. EITHER DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK SHOWN AND ASSOCIATED TO THE WORK SHOWN. CONTRACTOR SHALL COORDINATE INSPECTIONS WITH THE CITY.

AS-BUILT SURVEY NOTES

- 1. PUBLIC WATER SYSTEM
- A. AT THE COMPLETION OF CONSTRUCTION AND PRIOR TO THE FINAL FIELD INSPECTION, AN "AS-BUILT" SURVEY OF THE PUBLIC WATER SYSTEM SHALL BE SUBMITTED TO THE ENGINEER IN DIGITAL CAD AND PDF FORMAT. PDF FORMAT SHALL INCLUDE THE SURVEYORS TITLE BLOCK. THIS SURVEY SHALL INCLUDE THE FOLLOWING: 1. WATER MAINS, SHOWING:

 - b. CASINGS & BORES PIPE MATERIAL TYPE
 - FITTINGS, TEES, BENDS, REDUCERS, TAPPING SLEEVES, ETC.
 - FIRE HYDRANTS
 - g. CASING LOCATION, TYPE, AND SIZE
- 2. SERVICE AND METER LOCATIONS AND SIZES
- 3. BACKFLOW PREVENTOR INCLUDING LOCATION, SIZE, AND TYPE 4. FIRE METERS OR DETECTOR METERS
- 5. PERMANENT WATER/UTILITY EASEMENTS WITH DIMENSION AND BOOK AND PAGE REFERENCE 6. DIMENSION ALL WATER VALVE TO 3 FIXED POINTS
- B. THE "AS—BUILT" PLANS SHALL BE IN THE SAME FORMAT AS THE ORIGINAL CONSTRUCTION PLANS, MUST BE CERTIFIED BY A PROFESSIONAL LAND SURVEYOR, AND SHALL MEET THE REQUIREMENTS OF CITY UTILITIES REGULATIONS. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR REVIEW. UPON APPROVAL, THE ENGINEER WILL CERTIFY THE AS-BUILTS AND RETURN TO THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT A REPRODUCIBLE COPY OF THE FINAL PLAN, THREE (3) SETS OF AS-BUILTS PLANS, AND A DIGITAL COPY OF THE AS-BUILT PLANS TO HENRY COUNTY.

BENCH MARK

- MISSOURI DEPARTMENT OF TRANSPORTATION VRS NETWORK.

PROPERTY OWNER

JEFFREY E. SMITH INVESTMENT CO, LLC 206 PEACH WAY COLUMBIA, MISSOURI 65203

UTILITY NOTES

THE LOCATIONS, SIZES, AND MATERIAL TYPES OF UNDERGROUND UTILITIES INDICATED ON THE PLAT, NOT VISIBLE OR APPARENT FROM THE SURFACE, ARE SHOWN IN THEIR APPROXIMATE LOCATIONS FROM A MISSOURI ONE CALL SYSTEM LOCATE, OR UTILITY COMPANY RECORDS AND WERE NOT VERIFIED IN THE FIELD.

JACKSON COUNTY PWSD #14 CITY OF LEE'S SUMMIT

220 SE GREEN STREET LEE'S SUMMIT, MISSOURI 64063 CONTACT: PUBLIC WORKS DEPARTMENT 816-969-1800 12" DI ALONG THE NORTH SIDE OF MEADOWVIEW DRIVE. 30" PCCP ALONG THE WEST PROPERTY LINE.

CITY OF LEE'S SUMMIT 220 SE GREEN STREET LEE'S SUMMIT, MISSOURI 64063 CONTACT: WES OWEN 816-969-1955

SANITARY SEWER

AS SHOWN STORM SEWER CITY OF LEE'S SUMMIT 220 SE GREEN STREET

CONTACT: SHAWN GRAFF 816-969-1800

AS SHOWN

EVERGY 1300 SE HAMBLEN ROAD LEE'S SUMMIT, MISSOURI 64081

LEE'S SUMMIT, MISSOURI 64063

CONTACT: 888-471-5275 FIBER OPTIC GOOGLE FIBER

2812 WEST 47TH STREET KANSAS CITY, KS 66103 CONTACT: CRAIG YOUNG 870-219-5630

MISSOURI GAS ENERGY *3025 SE CLOVER ROAD*

LEE'S SUMMIT, MISSOURI 64081 CONTACT: BECCA ORR 816-969-2230

215 N. SPRING STREET, 2nd FLOOR INDEPENDENCE, MO 64050 CONTACT: MARK MANION 816-275-2341 AS SHOWN

TIME WARNER CABLE CONTACT: ROY BELLIS 913-643-1914 AS SHOWN

COMCAST CABLE COMMUNICATIONS 3400 NW DUNCAN ROAD BLUE SPRINGS, MO 64015 CONTACT: BARBARA BROWN 816-795-2255 AS SHOWN



IT IS IMPORTANT TO NOTE THAT THIS PLAN IS A PART OF A LARGER PUBLIC IMPROVEMENT PLAN CONSTRUCTION DOCUMENT. ALL EROSION AND SEDIMENT CONTROL REQUIREMENTS ARE STILL APPLICABLE FOR ANY ONSITE CONSTRUCTION. PLEASE REFERENCE:

- ROAD & STORM SEWER PLAN COVER UTILITY EXTENSION PLAN COVER
- SANITARY SEWER EXTENSION PLAN COVER MASS GRADING & EROSION CONTROL PLAN COVER

SHEET INDEX

C3.01 UTILITY EXTENSION PLAN COVER C3.02-C3.03 UTILITY EXTENSION PLAN & PROFILE C3.04 **WATER DETAILS**

> *WILSHIRE HILLS - 4TH PLAT* **WATER LINE EXTENSION**

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1775 West Main Street, Sedalia, MO 6530

MO Engineering Corp. # 2004005018

OR

¥

10/12/202 MATTHEW AARON KRIETE NUMBER PE-2007002811

MATTHEW A. KRIETE PROFESSIONAL ENGINEER

PE-2007002811 AUTHENTICATION IS NOT PRESENT TH MEDIA SHOULD NOT BE CONSIDERED. CERTIFIED DOCUMENT.

JUNE 27, 2023

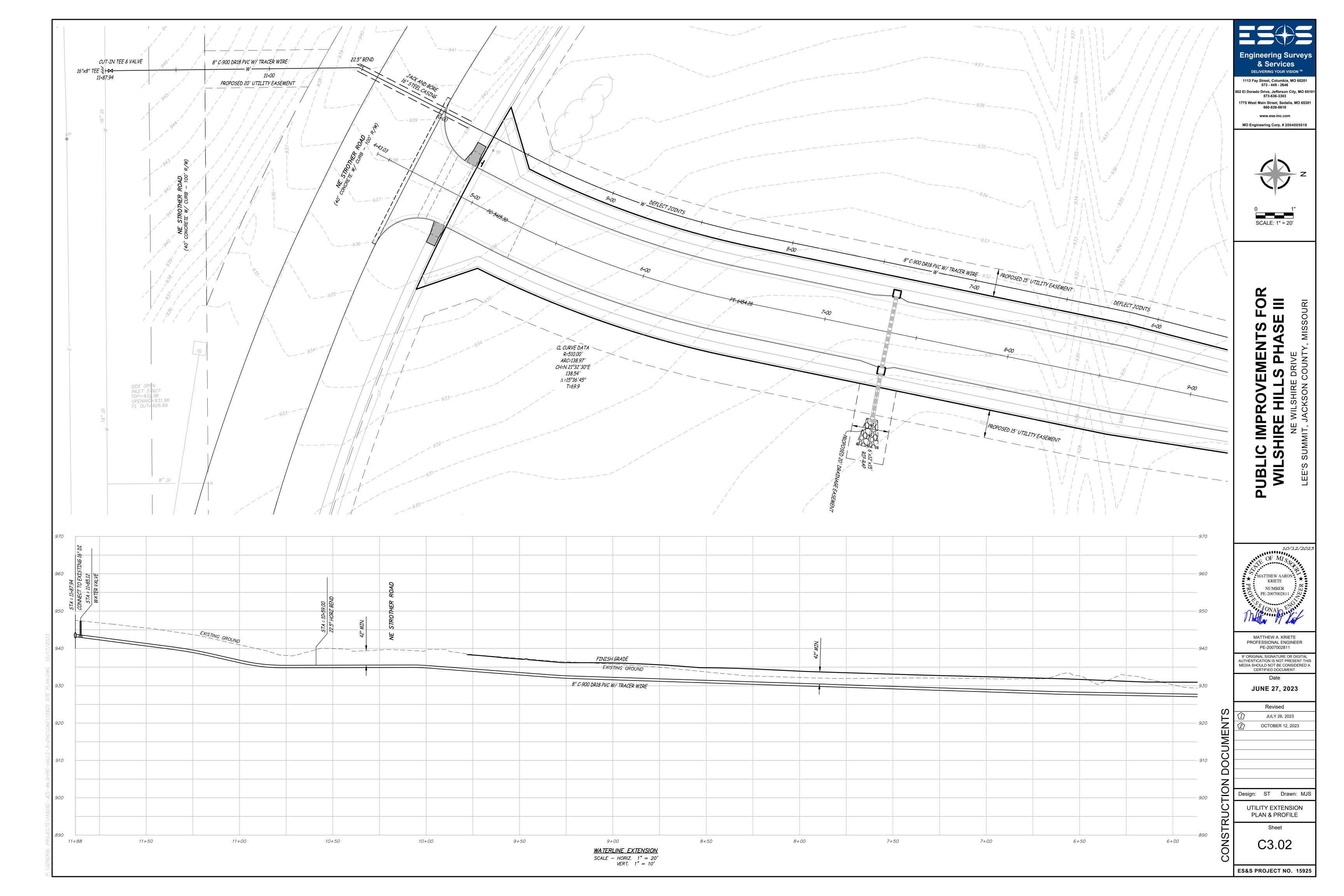
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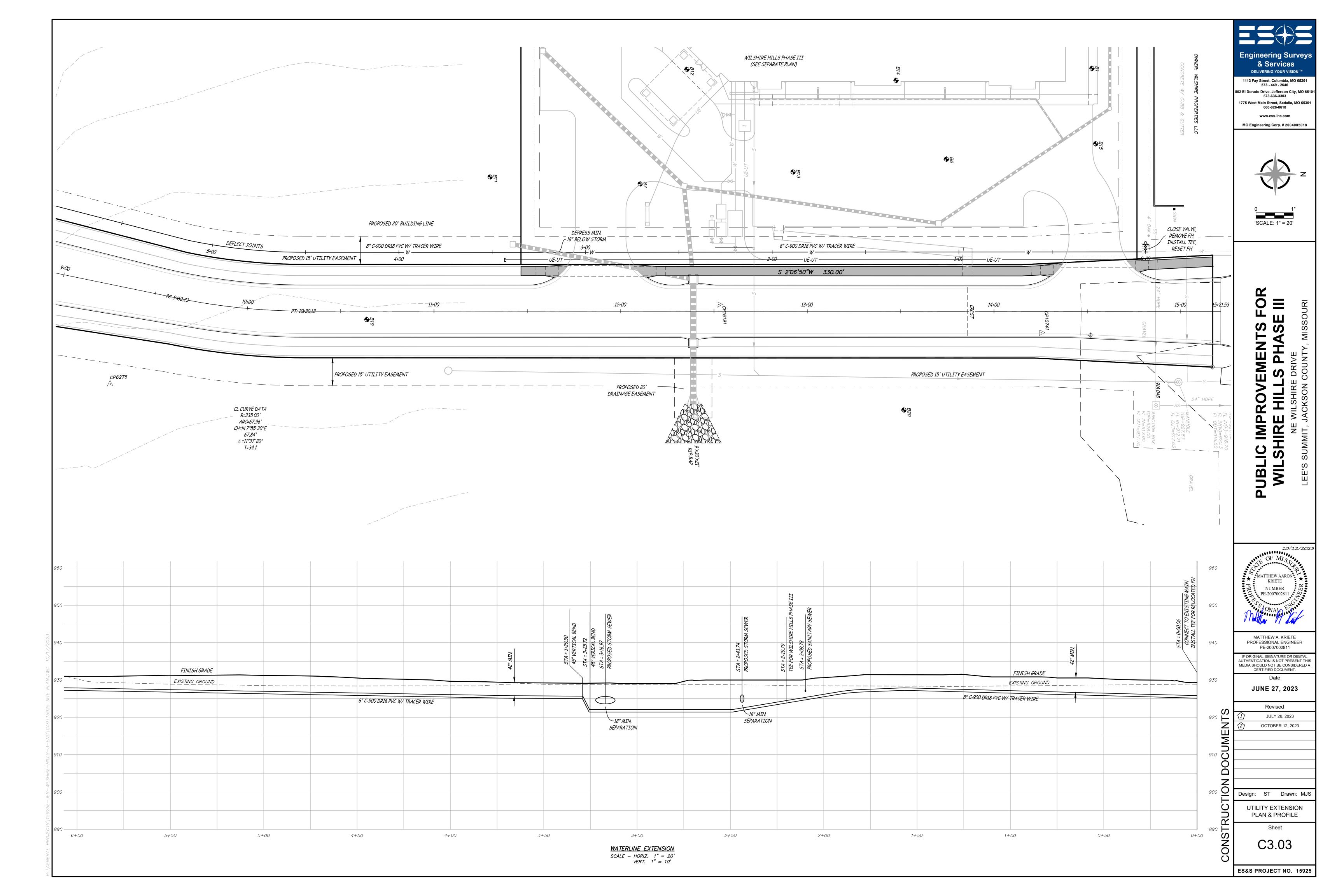
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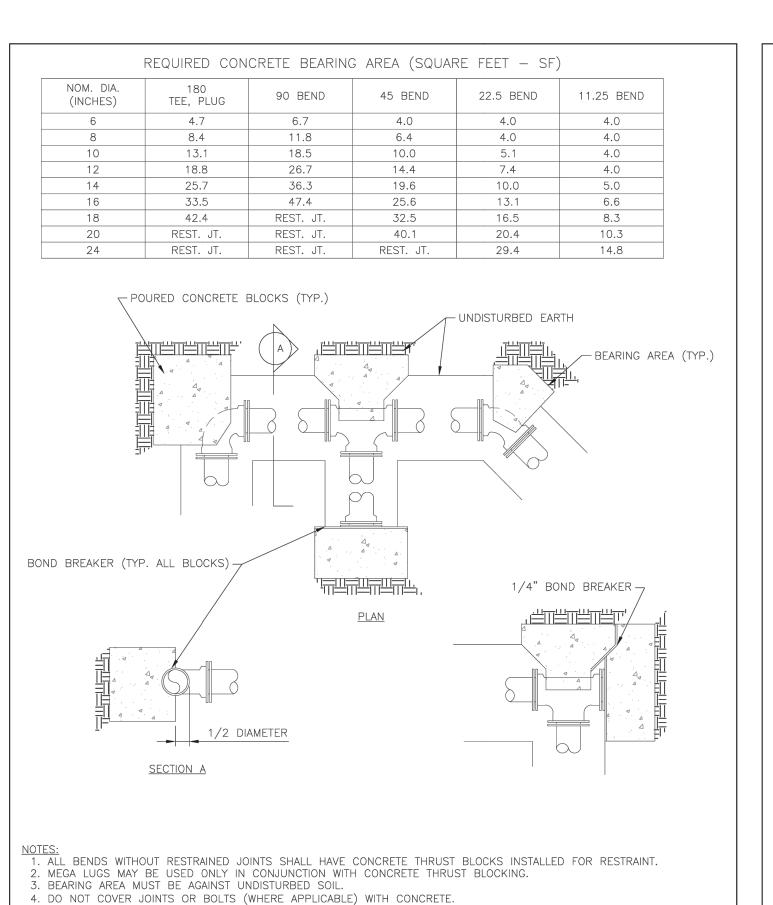
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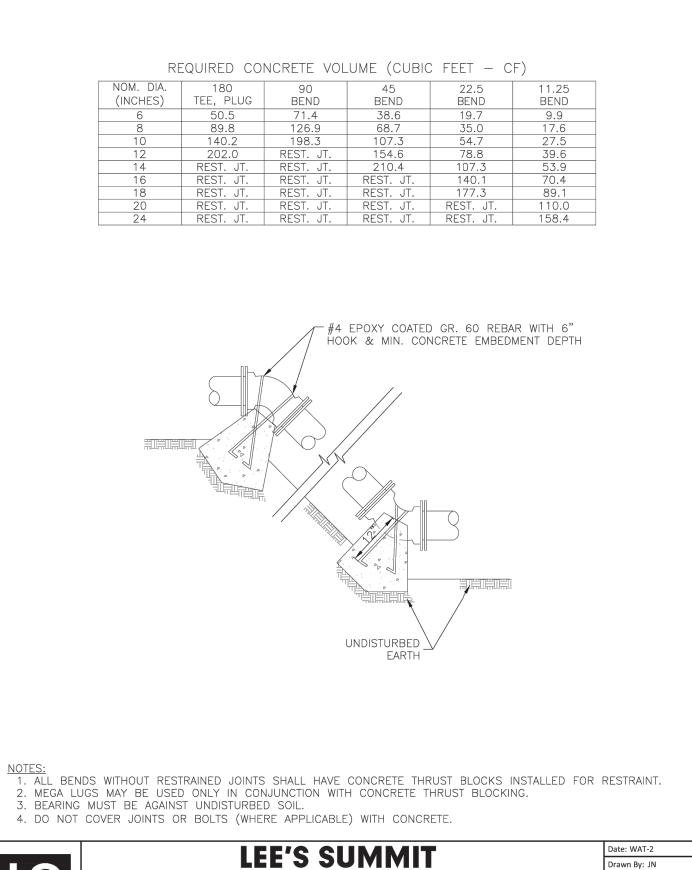
UTILITY EXTENSION PLAN COVER

ES&S PROJECT NO. 15925









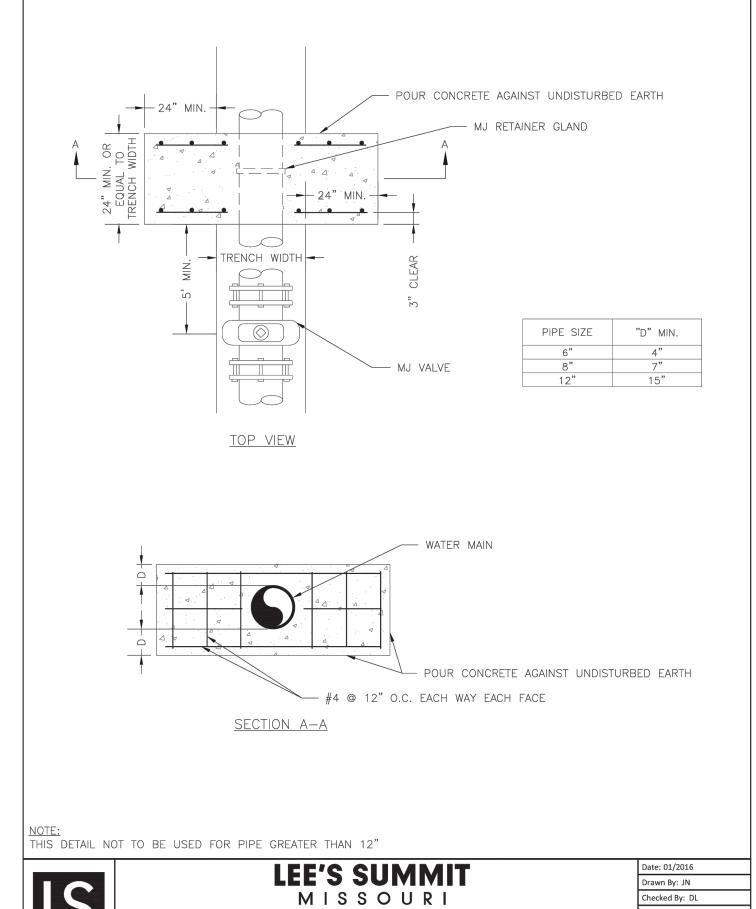
MISSOURI

VERTICAL THRUST BLOCK

Drawn By: JN

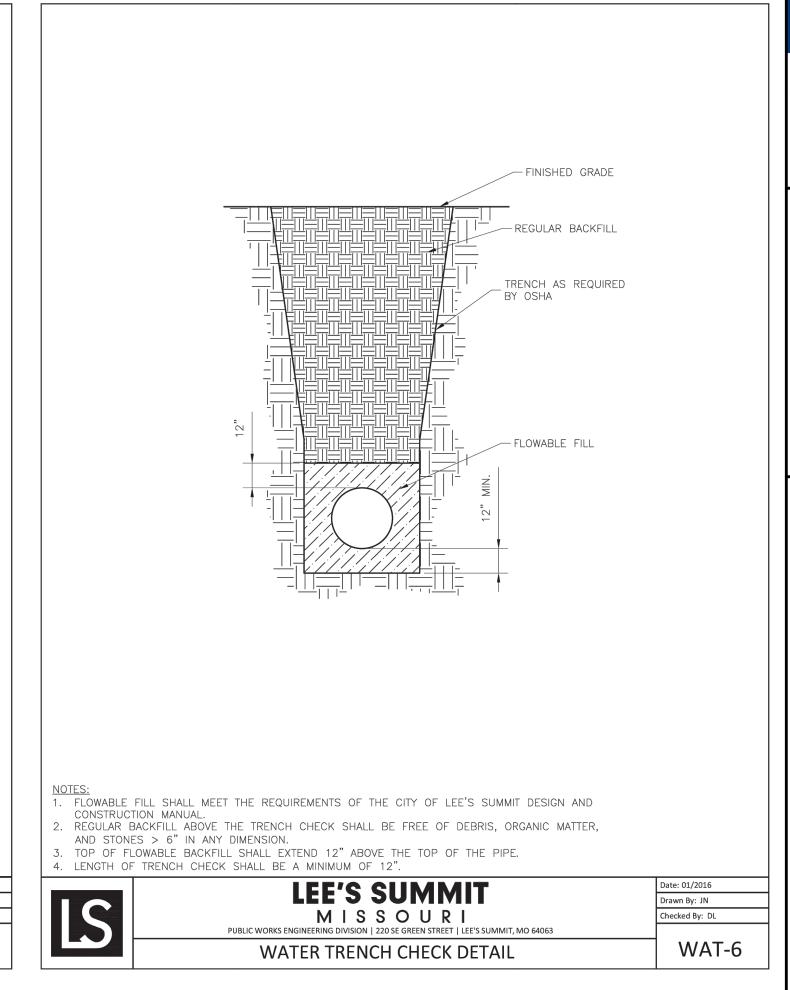
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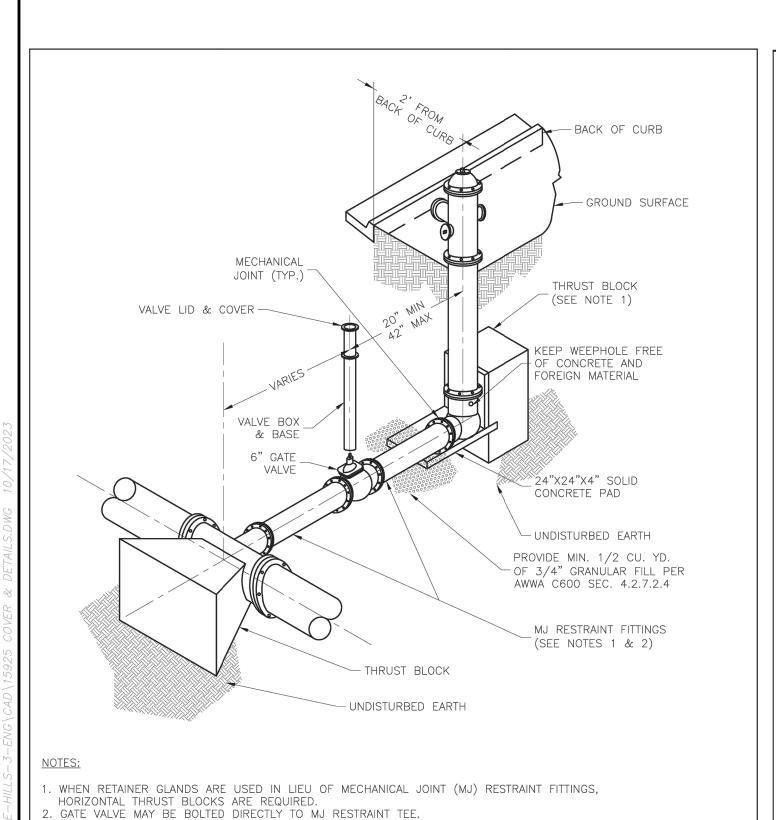
WAT-2



STRADDLE BLOCK

WAT-3





3. SEE APPROVED PRODUCTS LIST FOR WATER UTILITIES FOR FIRE HYDRANT, VALVES, VALVE BOX LID,

5. FOR STREETS WITHOUT CURBS FIRE HYDRANTS SHALL BE PLACED WITHIN 1 FOOT OF THE R/W LINE,

LEE'S SUMMIT

MISSOURI

HYDRANT - STRAIGHT SET

BUT NOT MORE THAN 10' FROM EDGE OF PAVEMENT. FIRE HYDRANT SHALL NOT BE PLACED IN

4. BOTTOM HYDRANT FLANGE SHALL BE 2" TO 6" ABOVE FINISHED GRADE.

6. HYDRANT SHALL BE ROTATED AS DIRECTED BY INSPECTOR.

BOTTOM OF DITCH.

LEE'S SUMMIT

MISSOURI

HORIZONTAL THRUST BLOCK

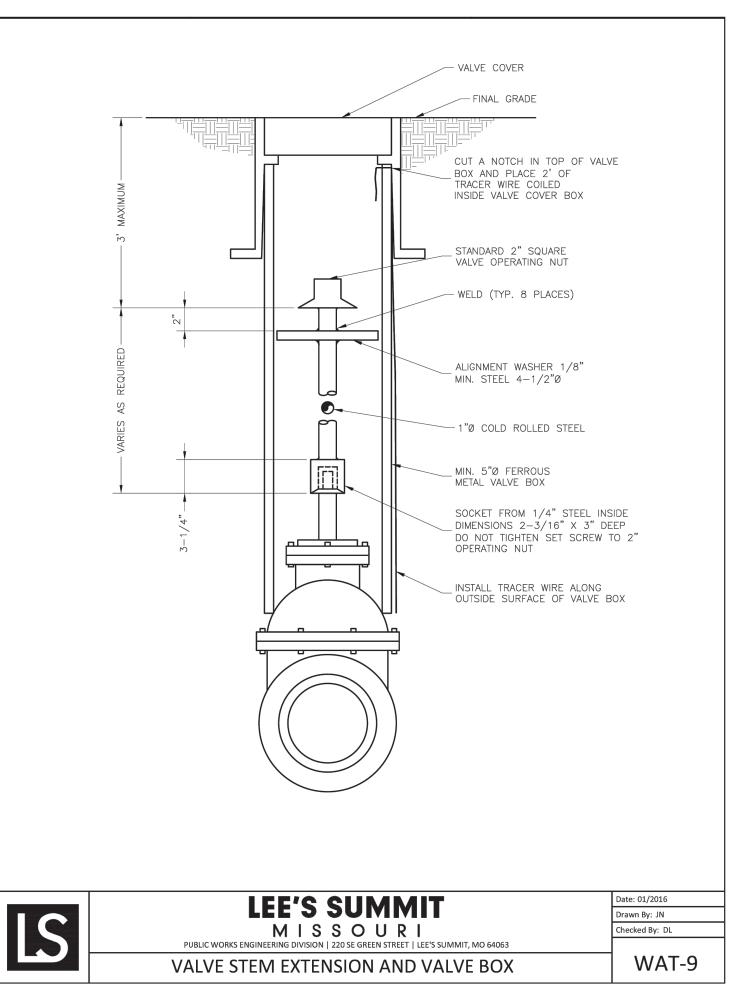
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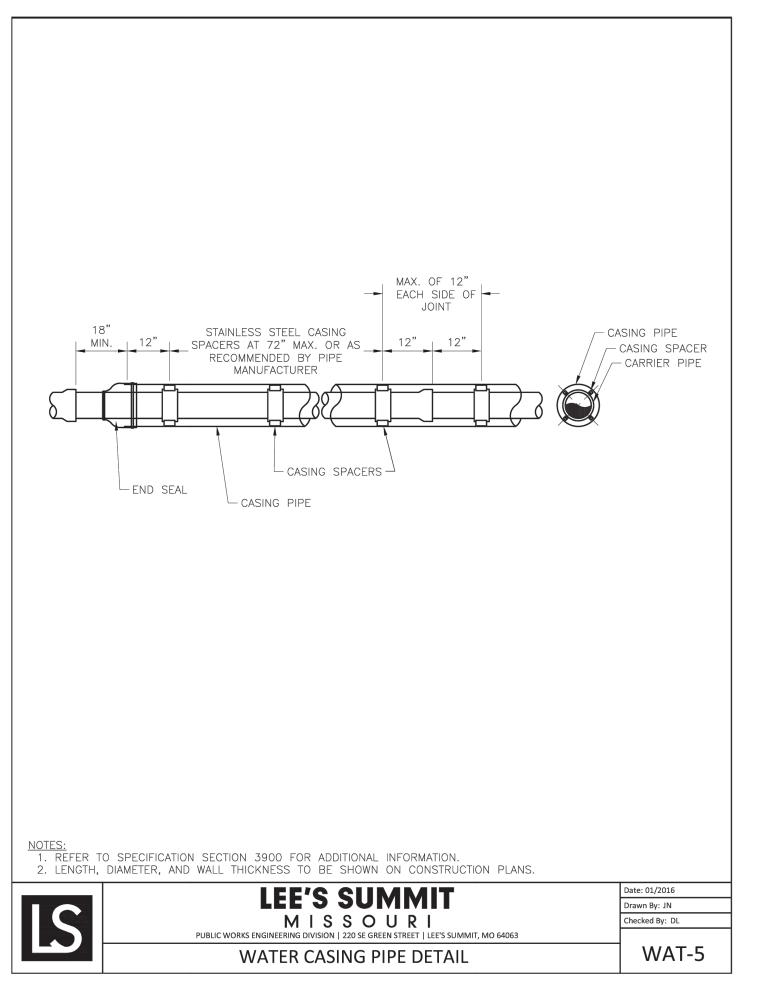
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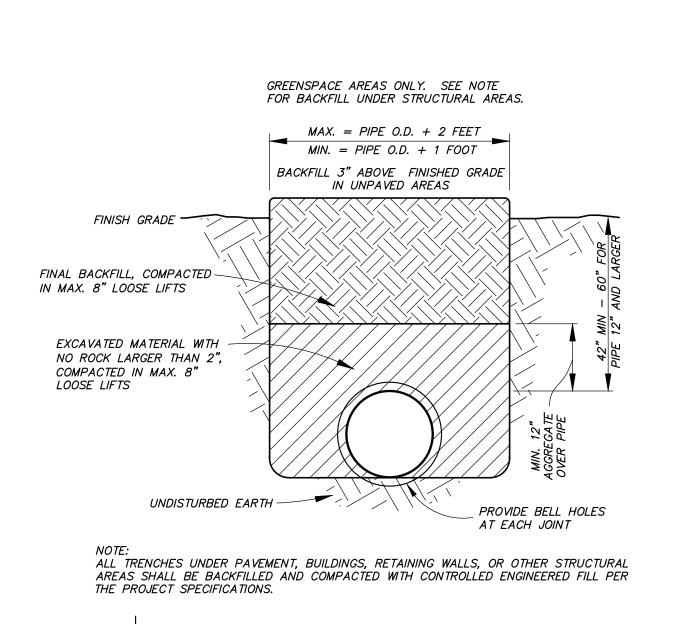
WAT-7

Checked By: DL

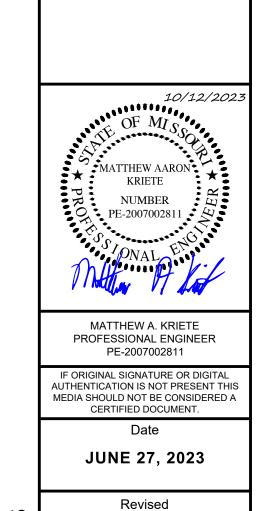
WAT-1







PVC WATER PIPE EMBEDMENT DETAIL NOT TO SCALE



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OR

JULY 26, 2023 OCTOBER 12, 2023

Design: ST Drawn: MJS

WATER DETAILS

ES&S PROJECT NO. 15925

