



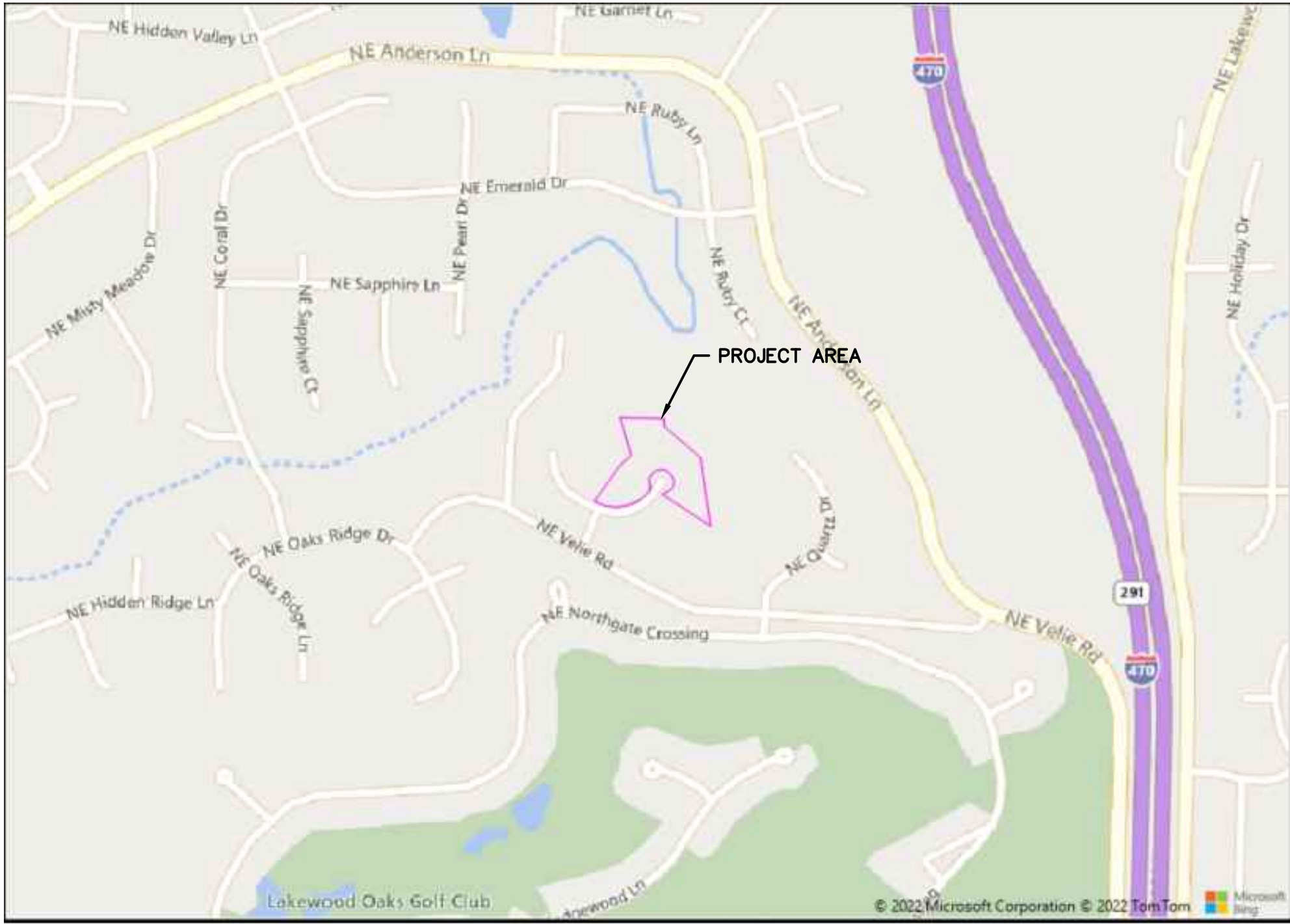
THE CONTRACTOR SHALL ADHERE TO THE PROVISIONS OF THE SENATE BILL NUMBER 583, 78TH GENERAL ASSEMBLY OF THE STATE OF MISSOURI. THE BILL REQUIRES THAT ANY PERSON OR FIRM DOING EXCAVATION ON PUBLIC RIGHT-OF-WAY DO SO ONLY AFTER GIVING NOTICE TO, & OBTAINING INFORMATION FROM, UTILITY COMPANIES. STATE LAW REQUIRES 48 HOURS ADVANCE NOTICE. CALL 1-800-DIG-RITE.

PROJECT TEAM & UTILITY CONTACT LIST	
OWNER / DEVELOPER ERIN & TYLER MILLIGAN 520 NE PROMISED VIEW DR. LEE'S SUMMIT, MISSOURI 64064	UTILITY SERVICE NUMBERS NAME: DEVELOPMENT SERVICES PHONE: 816-969-1200
	NAME: LEE'S SUMMIT WATER SERVICES DEPARTMENT PHONE: 816-969-1900
ENGINEER OLSSON 1301 BURLINGTON, SUITE 100 NORTH KANSAS CITY, MO 64116 CONTACT: DANIEL GOODWIN, P.E. PHONE: 816-791-7530 EMAIL: DGOODWIN@OLSSON.COM	NAME: SPIRE (MGE) PHONE: 314-342-0500
	NAME: AT&T PHONE: 800-286-8313
	NAME: EVERGY PHONE: 816-471-5275
	NAME: SPECTRUM (TWC) PHONE: 877-772-2253
	NAME: GOOGLE FIBER PHONE: 877-454-6959

- ☐ NOT FOR CONSTRUCTION
- ☐ REVIEWED FOR CONSTRUCTION

CONTROL STATION
NORTH: N:1034478.705
EAST: 2829553.629
SCALE FACTOR 0.9999030

FIRE HYDRANT RELOCATION FOR 513 NE PROMISED VIEW DR, SECTION 32, TOWNSHIP 49N, RANGE 31W IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

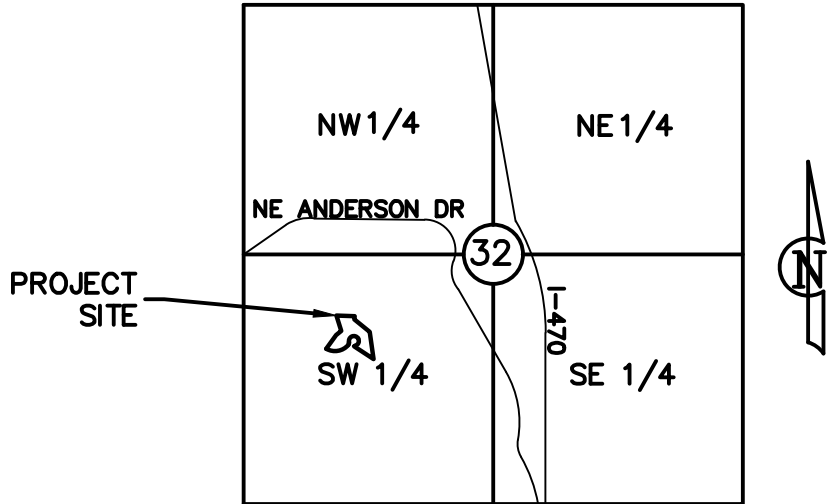


PROPERTY DESCRIPTION

ALL OF LOT 5, TIFFANY WOODS, LOTS 1-13 AND TRACTS, A, B & C, A SUBDIVISION IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI.

AND

ALL OF LOTS 3A & 4A TIFFANY WOODS, 2ND PLAT, LOTS 1A THRU 4A, LOTS 6A THRU 8A AND TRACTS A-1, B-1 AND C-1, A SUBDIVISION IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI.



VICINITY MAP
S 32, T 49 N, R 31 W
(N.T.S.)



INDEX OF SHEETS	
SHEET NAME	SHEET NUMBER
TITLE SHEET	C100
SITE PLAN	C101
DETAIL SHEET	C102

ESTIMATE OF QUANTITIES		
WATERLINE REMOVAL	LF	111.41
FIRE HYDRANT REMOVAL	EA.	1
FIRE HYDRANT	EA.	1
STRADDLE BLOCK	EA.	1



REV. NO.	DATE	REVISIONS DESCRIPTION
1	07/28/22	REVISIONS PER CITY COMMENTS
2	08/02/22	REVISIONS PER CITY COMMENTS

TITLE SHEET	
513 NE PROMISED VIEW DR PUBLIC FIRE HYDRANT REPLACEMENT	2022
LEE'S SUMMIT, MO	
drawn by: _____ BM/TW checked by: _____ DFG approved by: _____ DFG QA/QC by: _____ SMS project no.: _____ 022-03577 drawing no.: _____ C100 date: _____ 08.02.2022	
SHEET C100	

Olsson - Civil Engineering
Missouri Certificate of Authority #001592
1301 Burlington Street
North Kansas City, MO 64116
TEL 816.361.1177
www.olsson.com



3. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS OF THE PROJECT AREA.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING THEIR OWN INVESTIGATIONS AND MAKING THEIR OWN ASSUMPTIONS REGARDING SITE SURFACE AND SUBSURFACE CONDITIONS. THIS INCLUDES THE LOCATION AND CONSISTENCY OF ANY EXISTING ROCK LAYERS UNDERLYING THE PROJECT SITE. CONTACT THE ENGINEER REGARDING ANY DISCREPANCIES THAT MAY AFFECT THE ABILITY TO CONSTRUCT FROM THESE PLANS AS DESIGNED.
5. EXISTING CONDITIONS WERE DETERMINED THROUGH A VARIETY OF METHODS THAT MAY INCLUDE SURVEY, AERIAL IMAGERY, AVAILABLE RECORDS, GIS DATA, ETC. SUBSURFACE CONDITIONS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES AND OTHER SITE IMPROVEMENTS PRESENT ON SITE. THE CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS WHEN CONFLICTS AND DISCREPANCIES ARE FOUND.

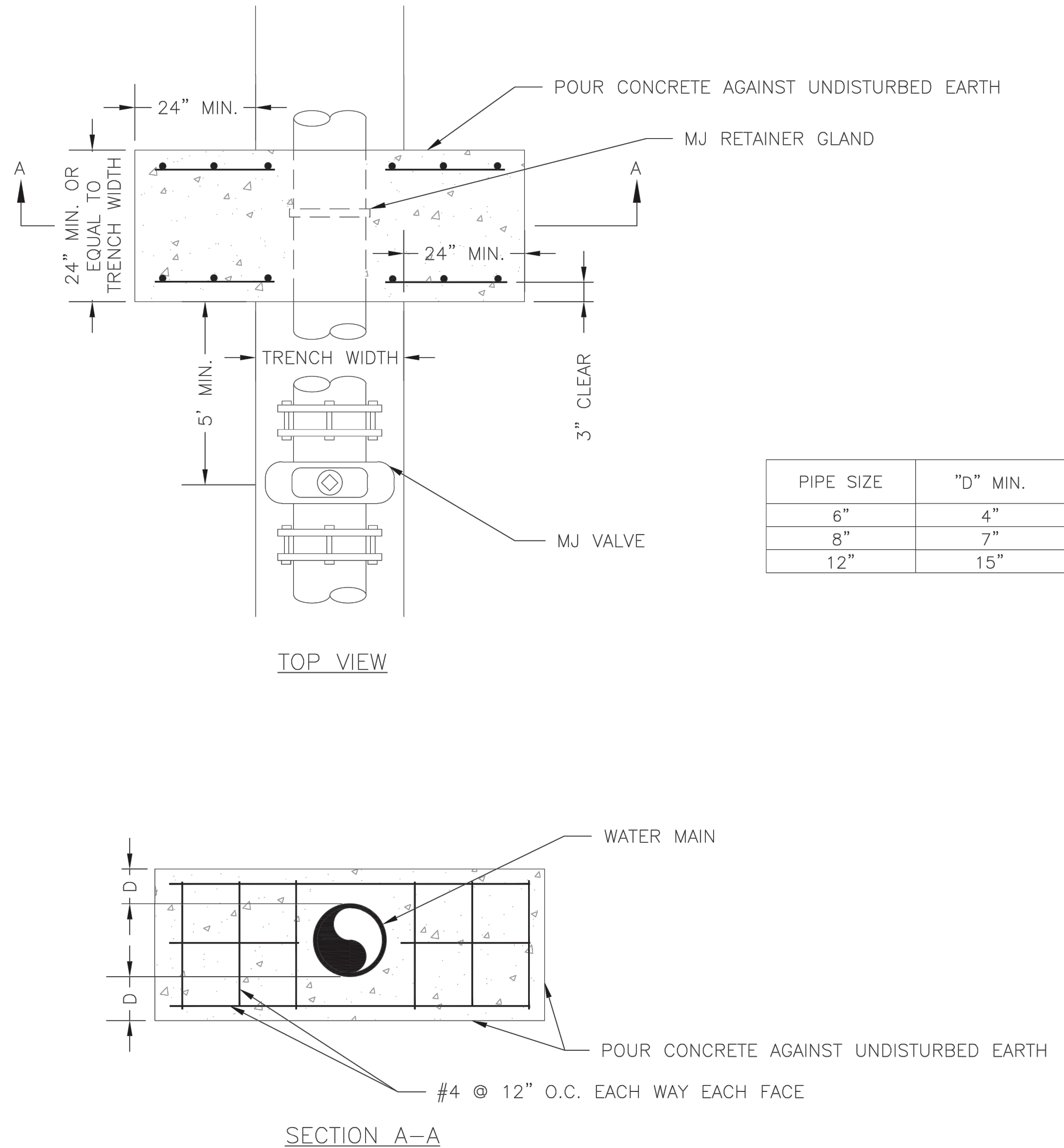
1. THE CONTRACTOR SHALL INSTALL TRAFFIC CONTROL WHILE WORKING IN THE PUBLIC RIGHT-OF-WAY AS SHOWN IN THESE PLANS. IF PLANS ARE NOT PROVIDED, CONTRACTOR SHALL COORDINATE AND PROVIDE CONTROLS TO THE SATISFACTION OF THE RIGHT-OF-WAY OWNER.
2. THE CONTRACTOR SHALL PROTECT ALL TREES OVER 3" CALIPER FROM DAMAGE. NO TREE SHALL BE REMOVED WITHOUT PERMISSION OF THE OWNER, UNLESS SHOWN OTHERWISE ON THESE PLANS.
4. THE CONTRACTOR SHALL DISPOSE ALL WASTE MATERIAL RESULTING FROM THE PROJECT OFF-SITE AND IN STRICT CONFORMANCE WITH ALL LOCAL CODES AND ORDINANCES.
5. ALL MANHOLES, CATCH BASINS, UTILITY VALVES AND METER PITS ARE TO BE ADJUSTED OR REBUILT TO GRADE AS REQUIRED. NOT ALL ADJUSTMENTS ARE INDICATED IN THE PLANS.
6. THE CONTRACTOR SHALL STREET SWEEP OR OTHERWISE CLEAN ALL ACCESS ROUTES TO THE SITE AT CONCLUSION OF THE PROJECT.
7. THE CONTRACTOR SHALL CONTACT THE CITY'S DEVELOPMENT SERVICES ENGINEERING INSPECTION TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH A FIELD ENGINEERING INSPECTOR PRIOR TO ANY LAND DISTURBANCE WORK AT (816) 969-1200

1. THE CONTRACTOR SHALL SUBMIT SHOP DRAWING A MINIMUM OF 7 DAYS PRIOR TO THE REQUESTED DATE OF APPROVAL. ENGINEER SHALL REVIEW SHOP DRAWINGS OR SAMPLES CONFORMANCE WITH THE DESIGN FOR THIS PROJECT AS DESCRIBED IN THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ERROR, OMISSION, OR INCONSISTENCY. THE ENGINEER'S REVIEW SHALL NOT EXTEND TO MEANS OR METHODS OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY VARIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS UNLESS CONTRACTOR HAS NOTIFIED ENGINEER OF EACH SUCH VARIATION AT THE TIME OF SUBMISSION, AND OBTAINED ENGINEER'S WRITTEN APPROVAL OF EACH SUCH VARIATION. PRIOR TO SUBMITTING EACH SHOP DRAWING OR SAMPLE, CONTRACTOR SHALL HAVE REVIEWED AND VERIFIED:
 - A. ALL FIELD MEASUREMENTS, QUANTITIES, DIMENSIONS, SPECIFIED PERFORMANCE CRITERIA, INSTALLATION REQUIREMENTS, MATERIALS, CATALOG NUMBERS AND SIMILAR INFORMATION WITH RESPECT THERETO;
 - B. ALL MATERIALS WITH RESPECT TO INTENDED USE, FABRICATION, HANDLING, STORAGE, ASSEMBLY AND INSTALLATION PERTAINING TO THE PERFORMANCE OF THE WORK;
 - C. ALL INFORMATION RELATIVE TO MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENT THERETO;
 - D. CONTRACTOR SHALL ALSO HAVE REVIEWED AND COORDINATED EACH SHOP DRAWING OR SAMPLE WITH OTHER SHOP DRAWINGS AND SAMPLES, AND THE REQUIREMENTS OF THE WORK AND THE CONTRACT DOCUMENTS.
 - E. ALL SUBMITTED SHOP DRAWINGS SHALL BEAR A STAMP OR SPECIFIC WRITTEN INDICATION AND SIGNATURE THAT CONTRACTOR HAS FULLY COMPLETED THE ABOVE TASKS.

1. PRIOR TO COMMENCEMENT OF WORK THE CONTRACTOR SHALL NOTIFY AND COORDINATE CONSTRUCTION WITH UTILITY OWNER.
2. ALL PIPE LENGTHS ARE CALCULATED LINEARLY FROM CENTER OF FITTING OR WALL OF VAULT.
3. COORDINATES ARE PROVIDED ALONG PIPE CENTERLINE. ADDITIONAL COORDINATES PROVIDED ARE PER LOCAL CODES AND ORDINANCES OR AS AN AID WHEN ORIENTING INSTALLATIONS.
4. THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICT AND POINTS OF CONNECTION PRIOR TO ANY CONSTRUCTION OF WATER.
5. WATER PIPE TRENCHES SHALL BE CONSTRUCTED SUCH THAT UNDISTURBED EXISTING SOIL OR FILL COMPACTED TO 95% PROCTOR DENSITY IS AT A DEPTH THAT IS 18" ABOVE TOP OF PROPOSED PIPE.
6. ALL PRIVATE WATER LINES SHALL BE A MINIMUM OF 48 INCHES AND MAXIMUM OF 60 INCHES BELOW THE FINISHED GRADE ELEVATIONS SHOWN HEREIN UNLESS OTHERWISE NOTED.
7. IF AN AS-BUILT OF A WATER LINE IS REQUIRED OR EXPECTED THE CONTRACTOR SHALL NOT BACKFILL THE TRENCH UNTIL AN AS-BUILT SURVEY IS CONDUCTED.
8. DISINFECTION AND PRESSURE TESTING OF WATER LINES SHALL BE PERFORMED AND PAID FOR BY THE CONTRACTOR AND AS REQUIRED BY THE UTILITY OWNER.
9. 8ALL EXISTING FIRE HYDRANTS ON SITE OR IN THE RIGHT-OF-WAY BETWEEN PROPERTY AND ROADWAY SHALL BE REPAINTED PER LOCAL CODES AND ORDINANCES.
10. TRACING TAPE SHALL BE INSTALLED ALONG ALL NON-METALLIC SURFACES OR AS DIRECTED BY LOCAL CODES AND ORDINANCES.

<div style="display: flex; justify-content: space-between;"> <div> <p>drawn by: _____</p> <p>checked by: _____</p> <p>QA/QC by: _____</p> <p>project no.: _____</p> <p>drawing no.: _____</p> <p>date: _____</p> </div> <div style="text-align: right;"> <p>BM/TW _____</p> <p>DFG _____</p> <p>DFG _____</p> <p>SMS _____</p> <p>022-05977 _____</p> <p>C100 _____</p> <p>08.02.2022 _____</p> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div> <p>513 PROMISED VIEW DR PUBLIC FIRE HYDRANT RELOCATION</p> </div> <div> <p>2022</p> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div> <p>REV. NO.</p> <p>1</p> <p>2</p> </div> <div> <p>DATE</p> <p>07/28/22</p> <p>08/02/22</p> </div> <div> <p>REVISIONS DESCRIPTION</p> <p>REVISIONS PER CITY COMMENTS</p> <p>REVISIONS PER CITY COMMENTS</p> </div> <div> <p>BY</p> </div> </div>	
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DWG: F:\2022\03501-04000\022-03577\40-Design\AutoCAD\Final Plans\Sheets\GNCV\C_DTL01_02203577.dwg
DATE: Aug 02, 2022 1:57pm
USER: dgoodwin
XREFS: C_XBASE_02203577



NOTE:
THIS DETAIL NOT TO BE USED FOR PIPE GREATER THAN 12"

LS

LEE'S SUMMIT

MISSOURI

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

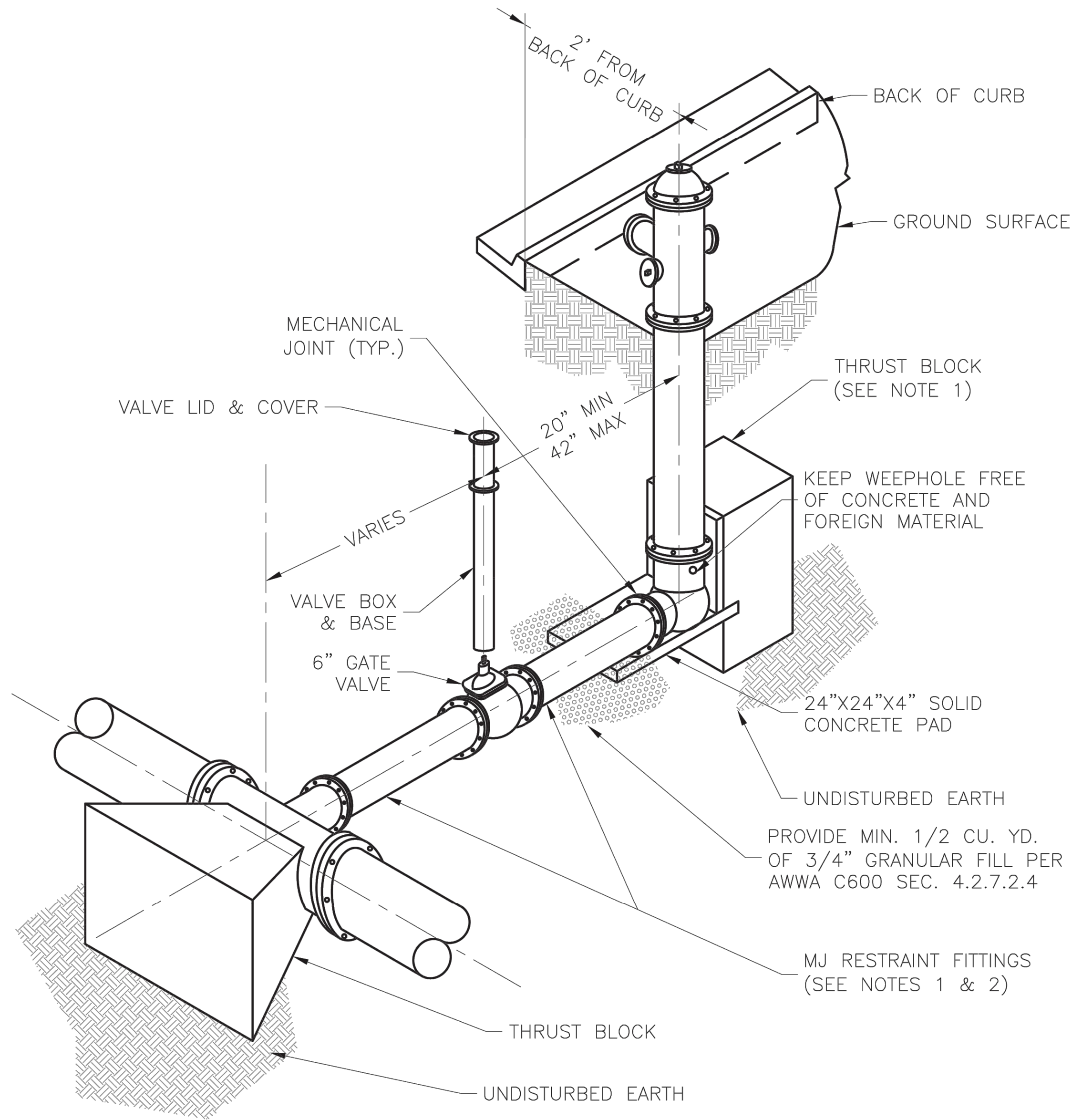
STRADDLE BLOCK

Date: 01/2016

Drawn By: JN

Checked By: DL

WAT-3



NOTES:

1. WHEN RETAINER GLANDS ARE USED IN LIEU OF MECHANICAL JOINT (MJ) RESTRAINT FITTINGS, HORIZONTAL THRUST BLOCKS ARE REQUIRED.
2. GATE VALVE MAY BE BOLTED DIRECTLY TO MJ RESTRAINT TEE.
3. SEE APPROVED PRODUCTS LIST FOR WATER UTILITIES FOR FIRE HYDRANT, VALVES, VALVE BOX LID, AND COVER.
4. BOTTOM HYDRANT FLANGE SHALL BE 2" TO 6" ABOVE FINISHED GRADE.
5. FOR STREETS WITHOUT CURBS FIRE HYDRANTS SHALL BE PLACED WITHIN 1 FOOT OF THE R/W LINE, BUT NOT MORE THAN 10' FROM EDGE OF PAVEMENT. FIRE HYDRANT SHALL NOT BE PLACED IN BOTTOM OF DITCH.
6. HYDRANT SHALL BE ROTATED AS DIRECTED BY INSPECTOR.

LS

LEE'S SUMMIT

MISSOURI

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

HYDRANT - STRAIGHT SET

Date: 01/2016

Drawn By: JN

Checked By: DL

WAT-7

drawn by: BM/TW
checked by: DEG
approved by: DEG
QA/QC by: SMS
project no.: 022-03577
drawing no.: C100
date: 08.02.2022

SHEET
C102

DETAIL SHEET

513 PROMISED VIEW DR PUBLIC FIRE HYDRANT RELOCATION

LEE'S SUMMIT, MO

REVISIONS

REV. NO.	DATE	REVISIONS DESCRIPTION	BY
01	08/02/2022		
02			
03			
04			
05			
06			
07			
08			
09			
10			



olsson

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Missouri Certificate of Authority #001992
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