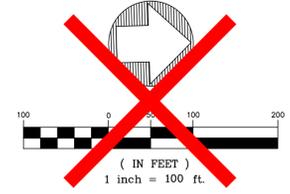


PROPOSED WATER MAIN

~3328 LF TO BE REIMBURSED
 ~1349 LF CITY RESPONSIBILITY
 ~4677 LF TOTAL NEW 12" WATERMAIN

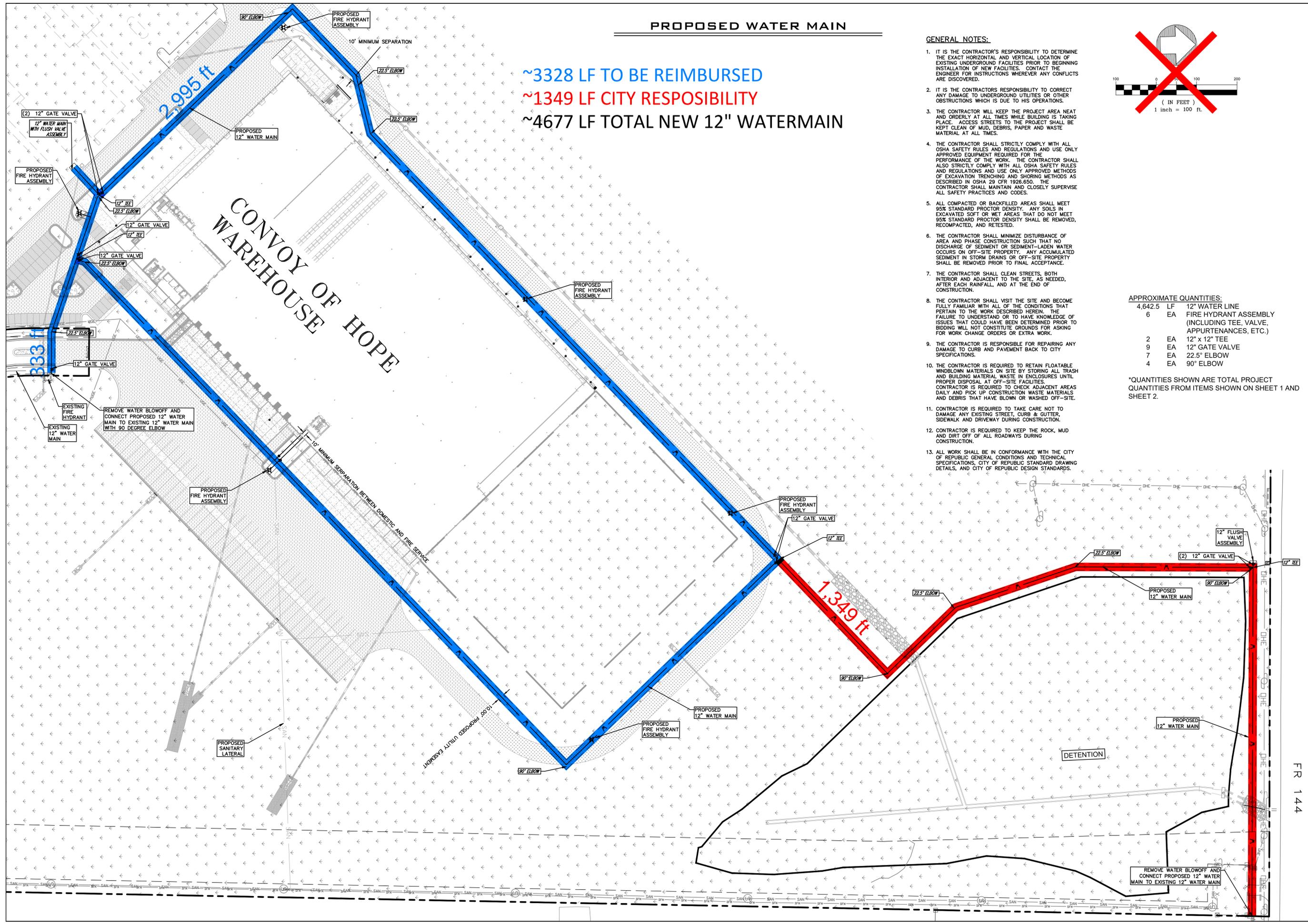
- GENERAL NOTES:**
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF EXISTING UNDERGROUND FACILITIES PRIOR TO BEGINNING INSTALLATION OF NEW FACILITIES. CONTACT THE ENGINEER FOR INSTRUCTIONS WHEREVER ANY CONFLICTS ARE DISCOVERED.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO CORRECT ANY DAMAGE TO UNDERGROUND UTILITIES OR OTHER OBSTRUCTIONS WHICH IS DUE TO HIS OPERATIONS.
 - THE CONTRACTOR WILL KEEP THE PROJECT AREA NEAT AND ORDERLY AT ALL TIMES WHILE BUILDING IS TAKING PLACE. ACCESS STREETS TO THE PROJECT SHALL BE KEPT CLEAN OF MUD, DEBRIS, PAPER AND WASTE MATERIAL AT ALL TIMES.
 - THE CONTRACTOR SHALL STRICTLY COMPLY WITH ALL OSHA SAFETY RULES AND REGULATIONS AND USE ONLY APPROVED EQUIPMENT REQUIRED FOR THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL ALSO STRICTLY COMPLY WITH ALL OSHA SAFETY RULES AND REGULATIONS AND USE ONLY APPROVED METHODS OF EXCAVATION TRENCHING AND SHORING METHODS AS DESCRIBED IN OSHA 29 CFR 1926.650. THE CONTRACTOR SHALL MAINTAIN AND CLOSELY SUPERVISE ALL SAFETY PRACTICES AND CODES.
 - ALL COMPACTED OR BACKFILLED AREAS SHALL MEET 95% STANDARD PROCTOR DENSITY. ANY SOILS IN EXCAVATED SOFT OR WET AREAS THAT DO NOT MEET 95% STANDARD PROCTOR DENSITY SHALL BE REMOVED, RECOMPACTED, AND RETESTED.
 - THE CONTRACTOR SHALL MINIMIZE DISTURBANCE OF AREA AND PHASE CONSTRUCTION SUCH THAT NO DISCHARGE OF SEDIMENT OR SEDIMENT-LADEN WATER OCCURS ON OFF-SITE PROPERTY. ANY ACCUMULATED SEDIMENT IN STORM DRAINS OR OFF-SITE PROPERTY SHALL BE REMOVED PRIOR TO FINAL ACCEPTANCE.
 - THE CONTRACTOR SHALL CLEAN STREETS, BOTH INTERIOR AND ADJACENT TO THE SITE, AS NEEDED, AFTER EACH RAINFALL, AND AT THE END OF CONSTRUCTION.
 - THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FULLY FAMILIAR WITH ALL OF THE CONDITIONS THAT PERTAIN TO THE WORK DESCRIBED HEREIN. THE FAILURE TO UNDERSTAND OR TO HAVE KNOWLEDGE OF ISSUES THAT COULD HAVE BEEN DETERMINED PRIOR TO BIDDING WILL NOT CONSTITUTE GROUNDS FOR ASKING FOR WORK CHANGE ORDERS OR EXTRA WORK.
 - THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO CURB AND PAVEMENT BACK TO CITY SPECIFICATIONS.
 - THE CONTRACTOR IS REQUIRED TO RETAIN FLOATABLE WINDLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CONTRACTOR IS REQUIRED TO CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF-SITE.
 - CONTRACTOR IS REQUIRED TO TAKE CARE NOT TO DAMAGE ANY EXISTING STREET, CURB & GUTTER, SIDEWALK AND DRIVEWAY DURING CONSTRUCTION.
 - CONTRACTOR IS REQUIRED TO KEEP THE ROCK, MUD AND DIRT OFF OF ALL ROADWAYS DURING CONSTRUCTION.
 - ALL WORK SHALL BE IN CONFORMANCE WITH THE CITY OF REPUBLIC GENERAL CONDITIONS AND TECHNICAL SPECIFICATIONS, CITY OF REPUBLIC STANDARD DRAWING DETAILS, AND CITY OF REPUBLIC DESIGN STANDARDS.



APPROXIMATE QUANTITIES:

4,642.5	LF	12" WATER LINE
6	EA	FIRE HYDRANT ASSEMBLY (INCLUDING TEE, VALVE, APPURTENANCES, ETC.)
2	EA	12" x 12" TEE
9	EA	12" GATE VALVE
7	EA	22.5" ELBOW
4	EA	90" ELBOW

*QUANTITIES SHOWN ARE TOTAL PROJECT QUANTITIES FROM ITEMS SHOWN ON SHEET 1 AND SHEET 2.



DATE: _____

REVISIONS:

SCALE: 1" = 50'	FIELD BY: TS, JS
	DRAWN BY: DCR
	CHECKED BY: KJS

PROPOSED WATER MAIN EXTENSION

7136 W FR 144
 SPRINGFIELD, GREENE COUNTY, MISSOURI

Missouri State Certificate of Authority
 Engineering #2035015504
 Land Surveying #2009028050

LEE Engineering & Associates, L.L.C.
 1200 E. Woodhurst Dr., Suite D200
 Springfield, Missouri 65807
 417-886-9100 (phone)
 417-886-9336 (fax)
 lee@leeengineering.biz

LEE ENGINEERING & ASSOCIATES, L.L.C.

"Engineering with Integrity"

FR 144

DATE: 2020-08-19
 SHEET: 1 OF 2
 PROJECT: _____
 FILE: C01_360-MM Site Plan.dwg