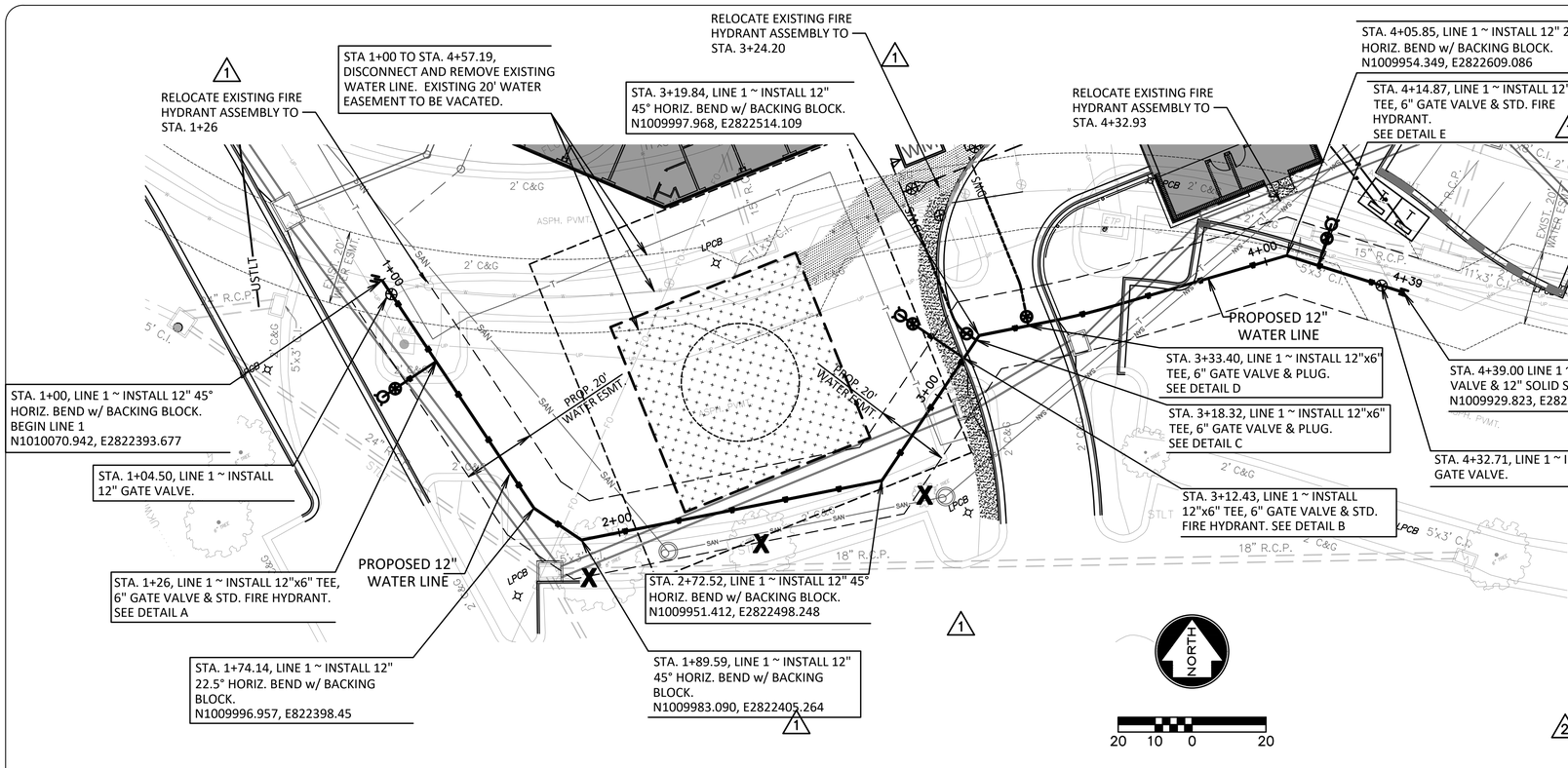


LEGEND

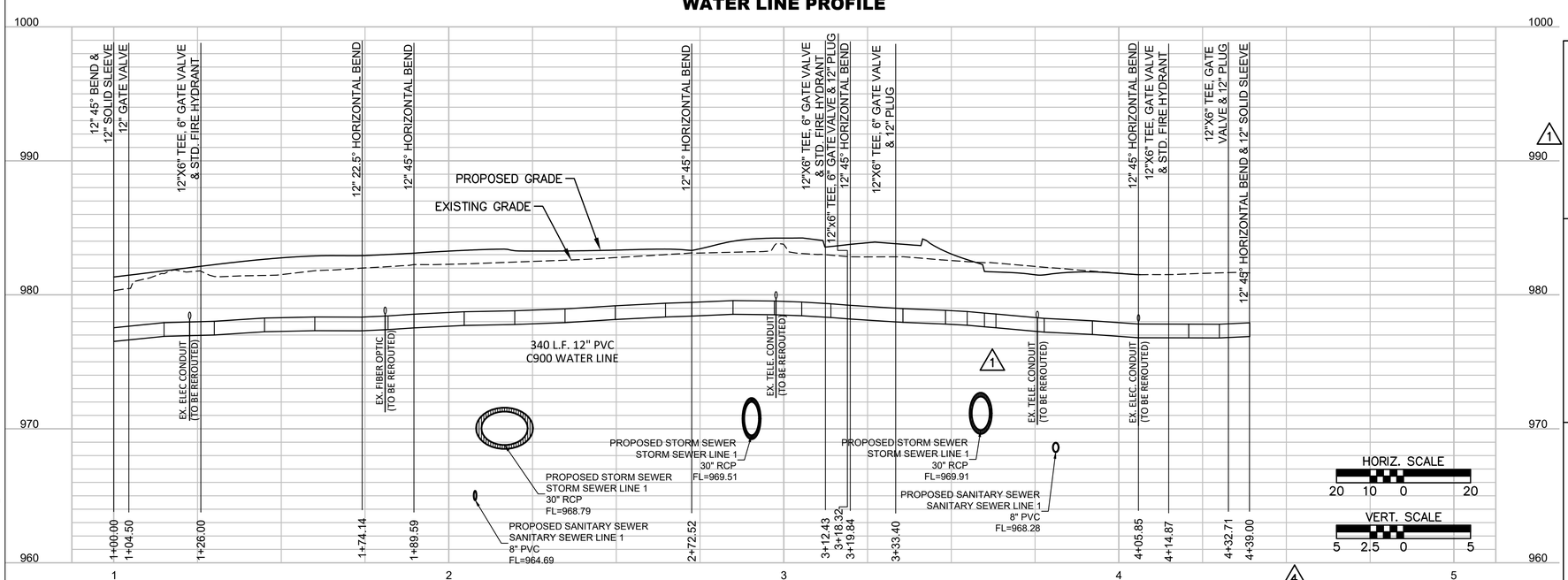
C&G	CURB & GUTTER	IRW	IRRIGATION
ESMT	EASEMENT	IR-COND	CONDUIT
MS	METAL SIGN	LPCB	LIGHT POLE CONCRETE BASE
FO	FIBER OPTIC	ETP	ELECTRIC TRANSFORMER
RCP	REINFORCED CONCRETE PIPE	FPW	FIRE PROTECTION WATER
SAN	SANITARY SEWER	UP	UNDERGROUND POWER
WM	WATER METER	T	TRANSFORMER
DWS	DOMESTIC WATER SERVICE		PROPOSED BUILDING
UTELE	UNDERGROUND TELEPHONE		HELIPAD
T-UTEL	UNDERGROUND TELEPHONE	X	TREE TO BE REMOVED
UPOWR	UNDERGROUND POWER		

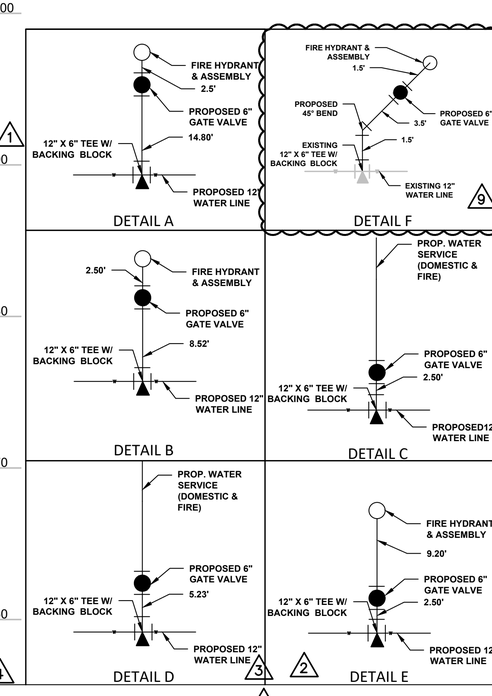
NOTE:
"ALL CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS SET FORTH BY THE KANSAS CITY CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION AND THE CITY OF LEE'S SUMMIT, MISSOURI, WHICHEVER IS MORE STRICT."

GENERAL NOTE:

1. ALL PIPE SIZES ARE IN INCHES UNLESS INDICATED OTHERWISE.
2. SUBCONSTRACTOR SHALL CONTACT THE CONTRACTOR AND ALL ASSOCIATED UTILITY COMPANIES AND AGENCIES TO IDENTIFY THE LOCATION OF UTILITIES PRIOR TO COMMENCEMENT OF WORK.
3. SUBCONTRACTOR SHALL COORDINATE ALL REQUIRED UTILTY SHUTDOWNS FOR UTILITY CONNECTIONS WITH THE CONTRACTOR.
4. CONNECTION TO EXISTING WATER MAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL REQUIREMENTS OF THE CITY'S WATER DEPARTMENT.
5. SUBCONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING ALL WATER CONNECTIN FEES AND OBTAINING ALL PERMITS REQUIRED FOR THE WATER MAIN CONSTRUCTION AND CONNECTIONS.
6. THE MINIMUM DEPTH FOR COVER FOR WATER PIPING SHALL BE 42 INCHES MIN. UNLESS INDICATED OTHERWISE.
7. ANY CHANGES TO PROPOSED UTILITY DESIGN SHALL BE APPROVED BY THE ENGINEER AND THE CONTRACTOR.
8. THRUST BLOCKS OR JOINT RESTRAINTS ARE REQUIRED AT ALL TEES, BENDS, OR ELBOWS OF PRESSSURIZED PIPING IN ACCORDANCE WITH THE DRAWINGS, SPECIFICATINS, AND MANUFACTURER'S RECOMMENDATIONS.
9. FIRE HYDRANTS SHALL BE INSTALLED A MINIMUM OF 3 FEET ANSD MAXIMUM OF 6 FEET FROM EDGE OF PAVEMENT OR FACE OF CURB AND A MINIMUM OF 1 FOOT FROM EDGE OF SIDEWALK ULLESS INDICATED ORHTEWISE. A RADIUS OF 3 FEET AROUND HYDRANT SHALL BE KEPT CLEAR FOR FIRE DEPARTMENT ACCESS. AREA BETWEEN CURB AND HYDRANTS SHALL BE KEPT CLEAR OF OBSTRUCTION.
10. SUBCONTRACTOR SHALL COORDINATE THE INSTALLATION, TESTING, AND INSPECTION OF ALL DOMESTIC WATER AND FIRE WATER SYSTEMS WITH CITY'S WATER DEPARTMENT. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS ON WATER MAIN TESTING AND INSPECTIONS.
11. NEW 8" PVC WATER PIPE SHALL BE C900 AWWA POLYVINYL CHLORIDE PRESSURE PIPE.
12. IN AREAS WHERE 18" OF COVER DOES NOT EXIST BETWEEN THE TOP OF PIPE AND EXISTING OR PROPOSED GRADE, COMPACTED FILL SHOULD BE PLACED TO A MINIMUM OF 18" ABOVE THE TOP OF PIPE PRIOR TO INSTALLATION.

WATER LINE PROFILE





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SAINT LUKE'S FLEX FACILITY EXPANSION PRIVATE SANITARY SEWER, PRIVATE STORM SEWER & PUBLIC WATER MAIN IMPROVEMENTS
LEE'S SUMMIT, MISSOURI

WATER LINE PLAN & PROFILE

STATE OF MISSOURI
MATTHEW VAUGHN EBLEN
NUMBER PE-2002000598
PROFESSIONAL ENGINEER
MATTHEW VAUGHN EBLEN
PE–2002000598
09/22/2020

ISSUE DATE
09-22-2020

REVISIONS

7	RFI	04-14-2020
8	City Comments #4	05-06-2020
9	RFI	09-22-2020

ENGINEER MVE	DESIGNED BY KLJ
DRAWN BY KLJ	CHECKED BY MVE

McCLURE PROJECT No.
190891-000

SHEET NO.
C401

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