

NOTES:

1. UNDERGROUND UTILITIES SHOWN ARE FROM OBSERVED SURFACE INDICATIONS, SUBSURFACE INDICATIONS, AND COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. AS OF THE DATE OF THIS SURVEY, NO INFORMATION REGARDING RECORD UTILITIES HAS BEEN PROVIDED BY ELECTRIC AND GAS PROVIDERS. BEFORE CONSTRUCTION CALL "DIG SAFE" 811.
2. THE HORIZONTAL DATUM IS THE MASSACHUSETTS COORDINATE SYSTEM (NAD83), THE VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), DATUMS WERE ESTABLISHED USING RTK GPS METHODS.
3. THE POSITIONAL ACCURACY OF THE DATA AND PHYSICAL IMPROVEMENTS ON THIS PLAN MAY BE APPROXIMATE. ANY USE OF ELECTRONIC DATA CONTAINED IN AUTOCAD VERSIONS OF THIS PLAN TO GENERATE COORDINATES OR DIMENSIONS NOT SHOWN ON THE PLAN IS NOT AUTHORIZED.
4. EDGE OF BANK-MEAN ANNUAL HIGH WATER LINE WAS DELINEATED BY LEO ENVIRONMENTAL CONSULTANTS, INC. ON OCTOBER 15, 2021 AND WAS LOCATED IN THE FIELD BY TOTAL STATION METHODS ON THE SAME DAY BY RJ O'CONNELL & ASSOCIATES.
5. CONTOUR INTERVAL IS TWO FOOT (2').
6. ALL EXISTING UTILITIES ARE REQUIRED TO BE CUT AND CAPPED AT THE EXISTING MAIN CONNECTIONS.

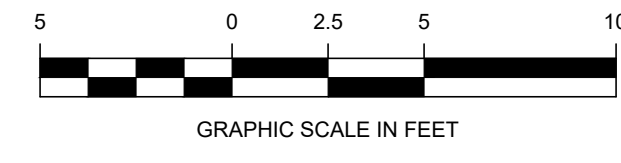
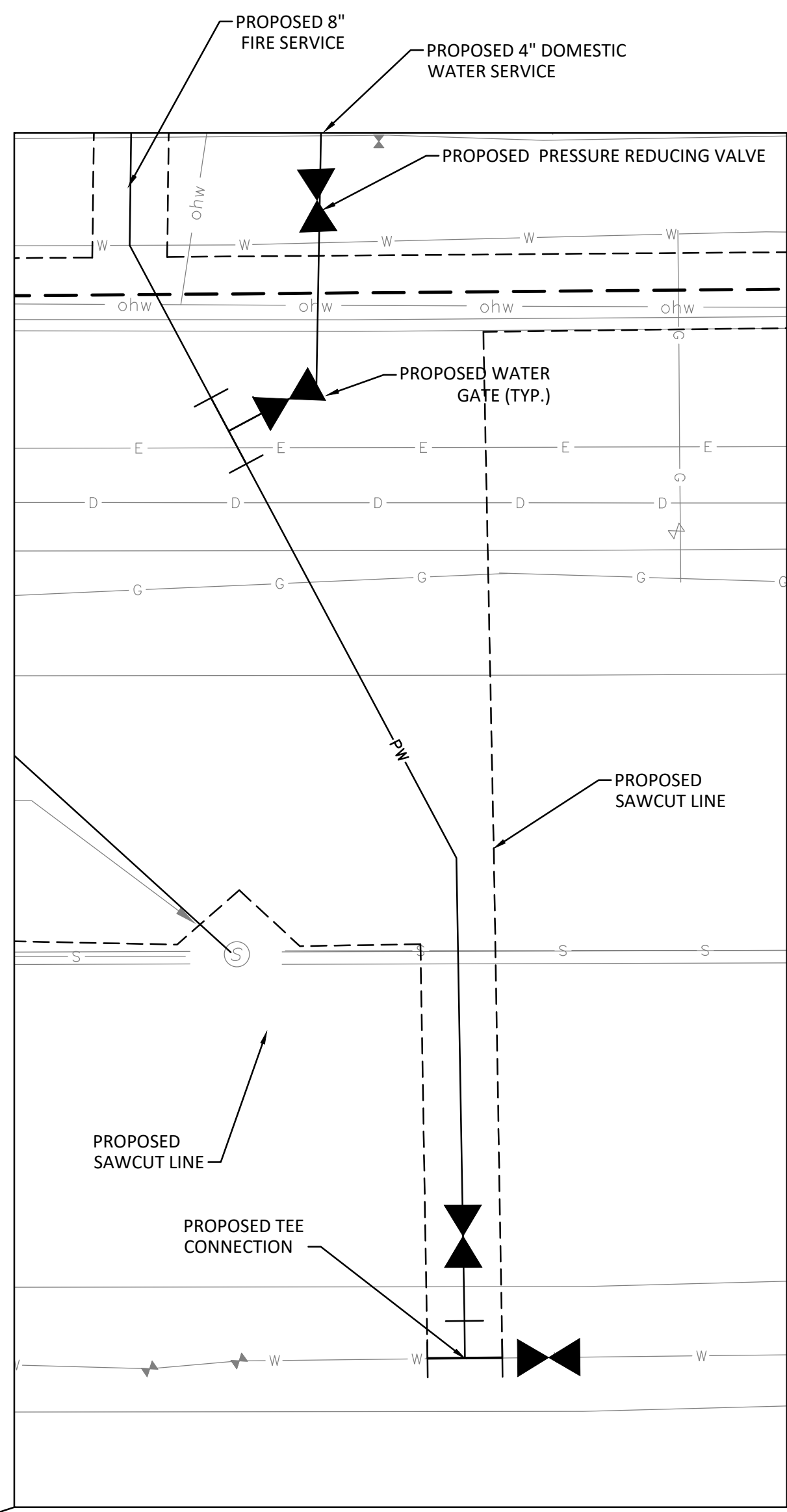
UTILITY NOTES:

1. ALL EXISTING UTILITIES ARE REQUIRED TO BE CUT AND CAPPED AT THE EXISTING MAIN CONNECTIONS.
2. ALL PROPOSED WATER AND SEWER PIPING SHALL BE SEPARATED BY 10 FEET HORIZONTALLY AND/OR 18 INCHES VERTICALLY (WATER OVER SEWER).
3. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS (BOTH VERTICALLY OR HORIZONTALLY) TO CONFIRM ALL PROPOSED UTILITY CONNECTIONS WILL MEET ALL TOWN REQUIREMENTS AND FUNCTION AS DESIGNED.

LEGEND

(NOT ALL FEATURES CONTAINED IN THIS LEGEND APPEAR ON THE PLAN)

	BOUNDARY LINE		CONCRETE CURB
	ABUTTING PROPERTY LINE		VERTICAL GRANITE CURB
	SEWER SERVICE		BITUMINOUS CONCRETE CURB
	DRAIN SERVICE		HANDICAP
	WATER SERVICE		HIGH DENSITY POLYETHYLENE
	GAS LINE		CONCRETE
	ELECTRIC LINE		LANDSCAPE AREA
	TELEPHONE LINE		DOOR
	OVERHEAD WIRES		SIGN
	CHAIN LINK FENCE		FROM RECORD PLANS
	STOCKADE FENCE		RETAINING WALL
	INDEX CONTOUR		DETECTABLE WARNING PAD
	INTERMEDIATE CONTOUR		PROPOSED RETAINING WALL
	UTILITY POLE		PROPOSED TELEPHONE/ELECTRIC/CABLE
	LIGHT POLE		LIMIT OF RIVERFRONT AREA
	ELECTRIC HAND HOLE		PROPOSED SEWER SERVICE
	CABLE MANHOLE		PROPOSED WATER SERVICE
	SEWER MANHOLE		PROPOSED DRAIN LINE
	DRAIN MANHOLE		PROPOSED WATER GATE
	CATCH BASIN		PROPOSED GAS LINE
	WATER VALVE		PROPOSED ELECTRIC LINE
	FIRE HYDRANT		PROPOSED SEWER MANHOLE (PSMH)
	SPRINKLER CONNECTION		
	POST INDICATOR VALVE		
	BOLLARD		
	GAS METER		
	GAS VALVE		
	ROOF DRAIN		
	AREA DRAIN		
	IRRIGATION CONTROL VALVE		
	SPOT GRADE		
	TEST PIT		
	PROPOSED SUBSURFACE INFILTRATION SYSTEM		
	PROPOSED FILTERMITT		
	TYPICAL		
	PROPOSED FLARED END		
	INVERT		



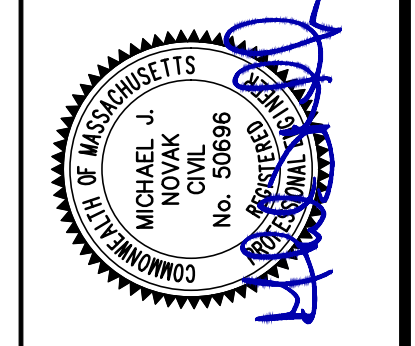
SEWER INFORMATION:

- TOTAL FLOW FROM PROPOSED BUILDING:
97 BEDS X 110 GPD/BED X 1.15 = 12,670 GPD
12,670 GPD = 0.02 CFS
- SEWER SERVICE CAPACITY (HALF FULL):
6" PVC PIPE @ 2% = 0.46 CFS
- SEWER MAIN CAPACITY (HALF FULL):
12" PVC PIPE @ 0.95% = 2.06 CFS

1021 & 1025 MASSACHUSETTS AVENUE
ARLINGTON, MASSACHUSETTS
DATE: 09-19-2022
PROJECT No: 21-32

REVISIONS

DATE	BY	DESCRIPTION
01/23/23	JB1	PEER REVIEW COMMENTS
02/22/23	JB1	UPDATED BUILDING
03/14/23	MIN	ADDRESS COMMENTS / SAW CUT



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SITE UTILITY PLAN
LOCATED IN
ARLINGTON, MA
(MIDDLESEX COUNTY)
PREPARED FOR
MAJ INVESTMENT, LLC

SHEET
7 OF 10

PERMITTING SET