

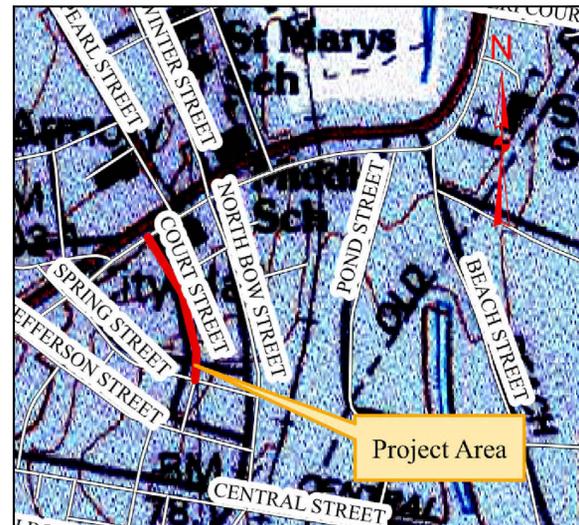
MILFORD WATER DEPARTMENT
MILFORD, MASSACHUSETTS

COURT STREET WATER MAIN IMPROVEMENTS

MILFORD, MASSACHUSETTS

MILFORD WATER DEPARTMENT

DAVID CONDREY, GENERAL MANAGER



LOCATION PLAN

NO SCALE

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COURT STREET STA. 0+00 TO STA 6+10
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FEBRUARY 2026



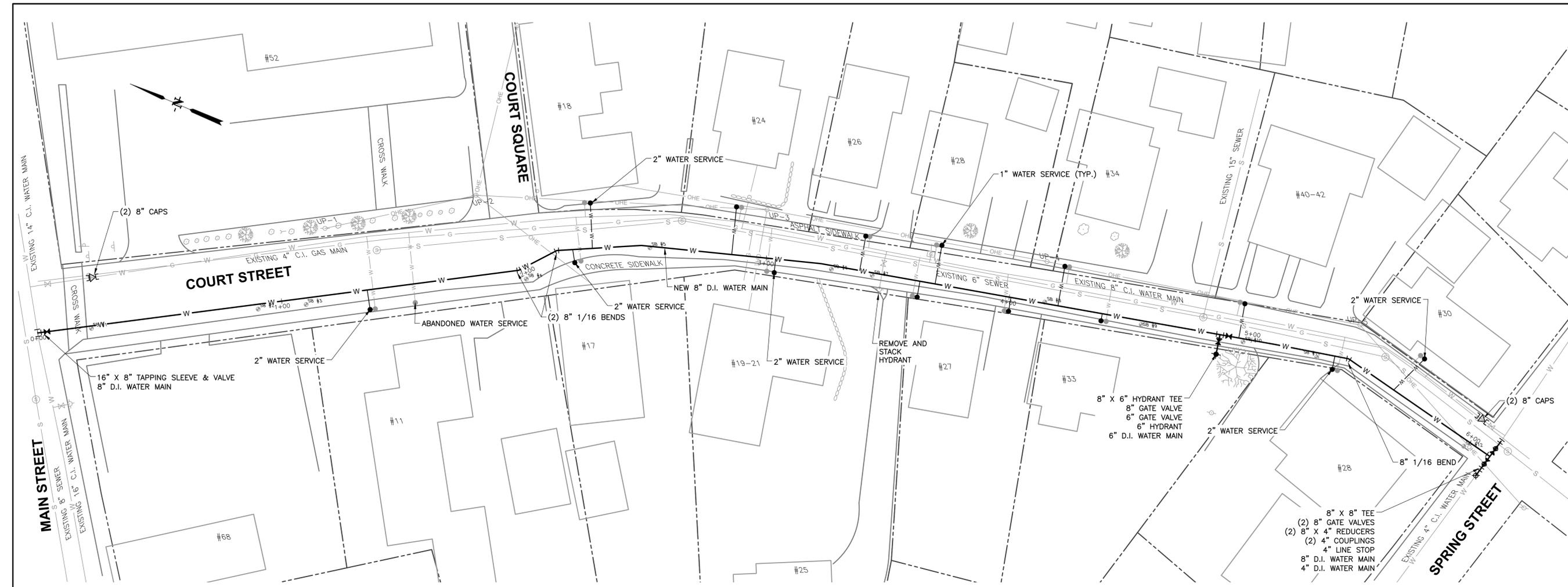
TATA & HOWARD



TATA & HOWARD, INC.

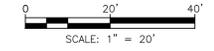
CONSULTING ENGINEERS

MARLBOROUGH, MA



COURT STREET STA. 0+00 TO STA. 6+10

SCALE: 1" = 20'



EXISTING	DESCRIPTION	PROPOSED
W	WATER MAIN	W
W	WATER SERVICE	W-W
▽	GATE VALVE	▽
▽	REDUCER	▽
H	TRANSITION COUPLING	H
⊕	PIPE FITTINGS	⊕
⊕	CAP	⊕
⊕	THRUST BLOCK	⊕
⊕	FIRE HYDRANT	⊕
⊕	CURB STOP	⊕
⊕	LINE STOP	⊕
⊕	SEWER MANHOLE	⊕
⊕	SEWER LINE	⊕
⊕	SEWER SERVICE	⊕
⊕	ELEC. OH. WIRE	⊕
⊕	UTILITY POLE	⊕
⊕	GAS LINE	⊕
⊕	GAS VALVE	⊕
⊕	PROBE	⊕
⊕	STATIONING	⊕
⊕	STONE WALL	⊕
⊕	SIGN POST	⊕
⊕	BUILDING	⊕
⊕	TREE	⊕
⊕	PROPERTY LINE	⊕

ABBREVIATIONS

APPROX.	APPROXIMATE
CI	CAST IRON
CONC.	CONCRETE
DI	DUCTILE IRON
MJ	MECHANICAL JOINT
PSI	POUNDS PER SQUARE INCH

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF MILFORD. ALL EXCAVATION AND RESTORATION SHALL MEET TOWN SPECIFICATIONS. A TOWN STREET OPENING PERMIT SHALL BE REQUIRED AS WELL AS A TRENCH OPENING PERMIT.
- STATIONING ALONG THE LENGTH OF THE WATER MAIN IS INTENDED FOR GENERAL REFERENCE. WHERE PRECISE GROUND LOCATION IS REQUIRED, REFER TO ACTUAL FIELD MEASUREMENTS FOR ACTUAL DISTANCES FROM EXISTING GROUND FEATURES.
- THE CONTRACTOR AT HIS EXPENSE SHALL BRACE UTILITY POLES IF REQUIRED, AND REPAIR ANY DAMAGE TO EXISTING SIDEWALKS, CURBS, PAVING, SHRUBS, TREES, STONE WALLS, LAWNS, ETC. ALL EXCAVATED MATERIALS SHALL BE RETURNED TO EQUAL OR BETTER THAN PRIOR CONDITION BY THE CONTRACTOR.
- ALL EXISTING CONCRETE AND ASPHALT PAVEMENT SHALL BE SAW-CUT PRIOR TO EXCAVATION IN ORDER TO PROVIDE UNIFORM ASPHALT REPLACEMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF PAVEMENT MARKINGS, TRAFFIC SIGN LOOPS, STRIPING, ARROWS, CROSSWALKS, ETC. GRANITE CURBING IS TO BE REMOVED AND RESET IN AREAS WHERE THEY ARE ENCOUNTERED.
- PIPE PENETRATIONS THROUGH THE WALL/FLOORS OF A NEW CONCRETE UTILITY STRUCTURE SHALL UTILIZE A MECHANICAL JOINT END-PLAIN END WALL PIPE, WITH AN INTEGRALLY CAST COLLAR, CAST INTO THE NEW CONCRETE UTILITY STRUCTURE.
- AS APPROPRIATE, CONTRACTOR TO TAKE ALL NECESSARY MEASURES, INCLUDING HAND DIGGING TO MAINTAIN THE INTEGRITY OF ALL EXISTING UTILITIES.
- ALL PAVING FOR THE WEEK MUST BE COMPLETED BY THE END OF THE DAY ON FRIDAYS.
- ALL HOMES IN THE PROJECT AREA ARE SERVED BY MILFORD SEWER. THE CONTRACTOR SHALL VERIFY LOCATION OF EXISTING SERVICES IN THE FIELD BEFORE EXCAVATION.

GEOTECHNICAL NOTES

- SOIL PROBES WERE DRILLED FOR PURPOSES OF DESIGN AND INDICATE SUBSURFACE CONDITIONS AT BORING LOCATION ONLY. SUBSURFACE CONDITIONS MAY VARY FROM THOSE SHOWN IN THE LOG.
- BORING LOCATIONS ARE SHOWN ON THE PLANS AND BORING LOGS ARE IN THE GEOTECHNICAL DATA REPORT BOUND IN APPENDIX B OF THESE SPECIFICATIONS.
- FOR EARTH EXCAVATION, BACKFILL, FILL AND GRADING, SEE SPECIFICATION 0222.
- FOR DEWATERING SEE SPECIFICATION 02140.
- FOR TEMPORARY EXCAVATION SUPPORT SYSTEM SEE SPECIFICATION 02160.

SURVEY NOTES

- BASE PLANS AND PROPERTY LINE DETERMINATIONS WERE PREPARED USING MASSGIS DATALAYERS. GPS SURVEYING AND FIELD VERIFICATION WERE PERFORMED BY TATA & HOWARD IN OCTOBER 2025.
- THE LOCATION OF THE EXISTING UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE INTENDED ONLY TO ADVISE THE CONTRACTOR OF THEIR PRESENCE. CALL "DIG SAFE" (1-888-344-7233) FOR FIELD LOCATIONS OF ALL EXISTING UTILITIES. IN ADDITION, THE CONTRACTOR SHALL CONTACT THE MILFORD WATER DEPARTMENT, MILFORD HIGHWAY DEPARTMENT, AND MILFORD SEWER DEPARTMENT FOR WATER, DRAIN, AND SEWER MARKOUTS.

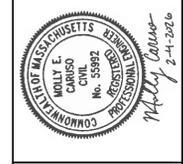
WATER MAIN NOTES

- THE CONTRACTOR SHALL MAKE EVERY EFFORT NOT TO DISTURB THE EXISTING WATER SYSTEM. NO ADDITIONAL PAYMENT SHALL BE MADE FOR DAMAGE CREATED FOR THE CONVENIENCE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL COORDINATE THE SHUTDOWNS AND TIE-IN PROCEDURES AT ALL INTERSECTIONS WITH THE MILFORD WATER DEPARTMENT.
- UNLESS OTHERWISE NOTED OR APPROVED BY THE ENGINEER, THE NEW WATER MAIN SHALL PASS UNDER EXISTING UTILITIES, WATER MAINS, DRAINS, AND HYDRANTS.
- UNLESS OTHERWISE NOTED BY THE ENGINEER, THE NEW WATER MAIN SHALL PASS OVER THE EXISTING SEWER LINES.
- ALL WATER MAINS ARE TO BE LAID WITH A MINIMUM OF 5'-0" COVER, EXCEPT AS INDICATED OTHERWISE IN THE CONTRACT DRAWINGS.
- ALL BENDS, TEE, CAPS AND HYDRANTS SHALL BE BACKED WITH CONCRETE THRUST BLOCKS AS INDICATED ON THE CONTRACT DRAWINGS. MECHANICAL JOINT RESTRAINTS ARE TO BE INSTALLED ON ALL BENDS, TEE, CAPS, VALVES AND MISCELLANEOUS FITTINGS RESTRAINED JOINT TABLE ON SHEET C-2.
- CONTRACTOR SHALL USE A WATER TIGHT PLUG DURING THE WATER MAIN INSTALLATION. PLUG SHALL REMAIN IN PLACE AT ALL TIMES.
- UNLESS OTHERWISE NOTED, ALL WATER SERVICES ARE 1" AND SHALL BE EACH CONSIST OF A CORPORATION, TYPE K COPPER TUBING, CURB STOP AND BOX. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE SIZE OF THE EXISTING WATER SERVICES AND INSTALL ANY NECESSARY TRANSITION FITTINGS.
- THE CONTRACTOR SHALL NOT CONNECT TO THE EXISTING WATER MAIN UNTIL IT HAS BEEN PRESSURE TESTED AND CHLORINATED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL PROVIDE ADDITIONAL TAPS IF REQUIRED FOR CHLORINATING AND HYDROSTATIC TESTING AT HIS EXPENSE. TAPS SHALL BE CAPPED AFTER TESTING IS COMPLETE.
- FOLLOWING NEW MAIN BEING FULLY IN-SERVICE, THE OLD WATER MAIN IS TO BE CAPPED AND ABANDONED IN PLACE.
- EXISTING GAS LINES AND DRAIN STRUCTURES SHALL BE SUPPORTED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM CLEARANCE BETWEEN THE NEW WATERMAIN AND OTHER EXISTING UTILITIES OF AT LEAST 18-INCHES. ANY WATER MAIN OR SERVICE WITHIN 10 FEET HORIZONTALLY OR 18 INCHES VERTICALLY OF A SEWER LINE OR STRUCTURE SHALL BE ENCASED IN CONCRETE.
- ALL EXISTING WATER SERVICES ARE TO BE REPLACED UNLESS OTHERWISE NOTED. NEW SERVICES ARE TO BE INSTALLED AS SPECIFIED AND IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. NEW WATER SERVICES SHALL BE INSTALLED USING TRENCHLESS METHODS WHERE POSSIBLE. THE EXACT LOCATIONS OF CURB STOPS SHALL BE DETERMINED IN THE FIELD PRIOR TO INSTALLATION. COPPER TUBING SHALL BE INSTALLED TO PROPERTY LINE REGARDLESS OF THE CURB STOP LOCATION.
- THE CONTRACTOR IS REQUIRED TO SUBMIT COMPACTION TESTING REPORTS AS SPECIFIED IN THE SPECIFICATIONS.
- THE HOUSE SERVICE CONNECTIONS SHALL BE COMPLETED AFTER THE NEW WATER MAIN HAS BEEN PRESSURE TESTED, CHLORINATED, AND APPROVED.
- REMOVE ALL EXISTING HYDRANTS AND CAP BRANCH WHEN NEW MAIN IS IN SERVICE. DELIVER REMOVED HYDRANTS TO MILFORD WATER DEPARTMENT YARD AT 66 DILLA STREET IN MILFORD.
- THE CONTRACTOR SHALL BAG AND TAG ALL OUT OF SERVICE HYDRANTS AND IS TO NOTIFY THE MILFORD WATER DEPARTMENT AND MILFORD FIRE DEPARTMENT OF ALL OUT OF SERVICE HYDRANTS IN A MANNER ACCEPTABLE TO THE ENGINEER.
- NO OPEN TRENCH SHALL BE LEFT UNATTENDED. ALL TRENCHES SHALL BE BACKFILLED OR SECURED METAL PLATES AT THE END OF EACH WORK DAY.
- ALL LATERAL CROSS TRENCHES SHALL BE BACKFILLED WITH EXCAVATABLE CONTROLLED DENSITY FILL (CDF).
- CONCRETE TRUCKS DELIVERING CDF SHALL WASH ALL EQUIPMENT INTO THE WATER MAIN TRENCH CONTAINING CDF. OTHERWISE, WASH WASTE SHALL NOT BE DISCHARGED ONSITE.

MILFORD WATER DEPARTMENT
MILFORD, MASSACHUSETTS
COURT STREET
WATER MAIN IMPROVEMENTS

CIVIL
COURT STREET
STA 0+00 TO STA 6+10

Description	Date	Rev.



T&H NO.: 8183
DATE: FEBRUARY 2026
SCALE: AS NOTED

