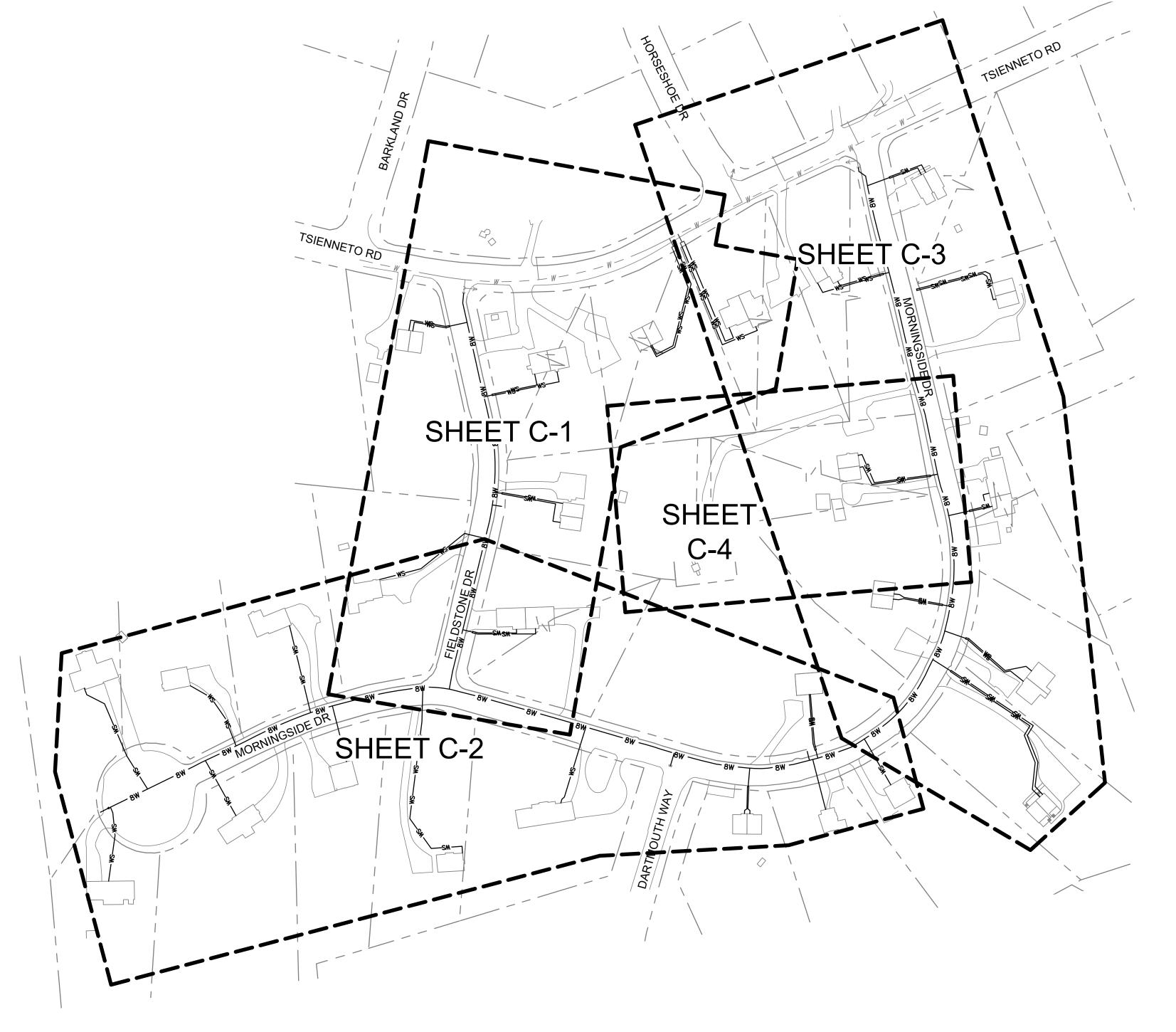


## MORNINGSIDE DRIVE WATER MAIN INTERCONNECTION AND DISTRIBUTION SYSTEM IMPROVEMENTS

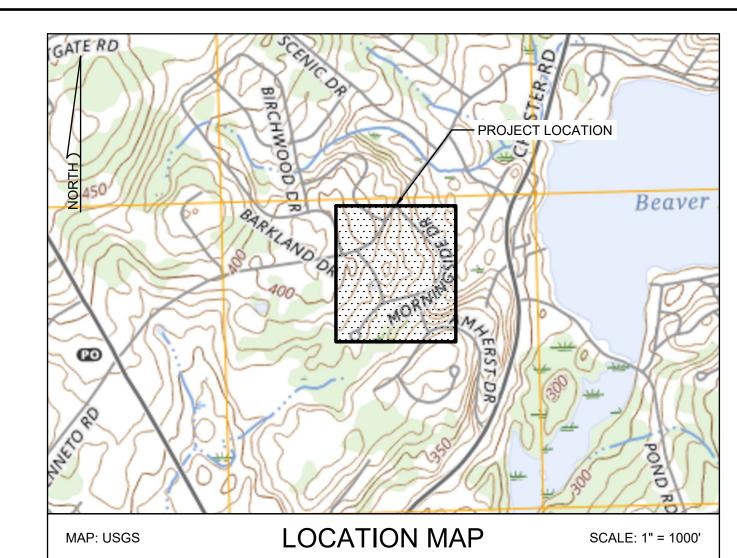
DERRY ~ ROCKINGHAM ~ NEW HAMPSHIRE



**PLAN: OVERALL SITE PLAN** 

SCALE: 1" = 100'





SHEET LIST						
Sheet Number	Sheet Title					
G-1	COVER SHEET					
G-2	NOTES					
C-1	PLAN AND PROFILE					
C-2	PLAN AND PROFILE					
C-3	PLAN AND PROFILE					
C-4	PUMP HOUSE DEMO PLAN					
C-5	DETAILS					
C-6	DETAILS					
C-7	DETAILS					

PROPOSED

#### LEGEND

			•
	PROPERTY LINE RIGHT OF WAY LINE	wswsws-	WS WATER SERVICE
	BENCHMARK		8W — 8" WATER MAIN
	CONCRETE MONUMENT FOUND	$\bowtie$	VALVE
◎ ◎ P. F. —— —— ——	CAPPED REBAR FOUND IRON PIPE FOUND EASEMENT LINE		HYDRANT
	WETLANDS	$\wedge$	REDUCER
	EDGE OF WATER		
	CENTERLINE OF DITCH CONTOUR ELEVATION	C.S.	CURB STOP
	SPOT ELEVATION BUILDINGS		FITTINGS - CAP
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CONCRETE	4711	FITTINGS - 90°, 45°, 22.5°, 11.25
	FENCE	凸	FITTINGS - TEE
$  \tau$ $ \frac{1}{\widehat{\mathbb{C}}}$ $ \tau$ $  -$	SIGNS COMMUNICATION LINE COMMUNICATION MANHOLE	0	WELL TO BE ABANDONED
— — — — — — — — — — — — — — — — — — —	CABLE TELEVISION LINE		

NATURAL GAS LINE NATURAL GAS MANHOLE

ELECTRIC POLE

LIGHT POLES

ELECTRIC METER

STORM DRAIN LINE

STORM DRAIN INLET

WATER MAIN

WATER VALVE

FIRE HYDRANT

WATER WELL

**CURB STOP** 

FITTING - CAP

VALVE

WATER STORAGE TANK

BORINGS OR TEST PITS

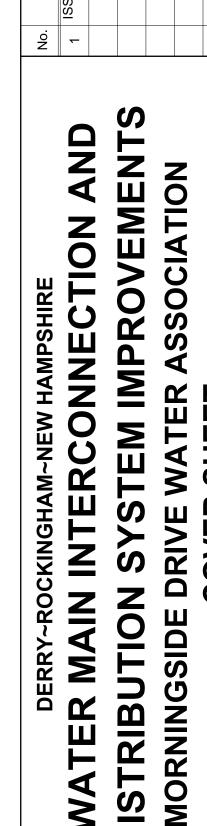
BORING REFUSAL DEPTH

BORING DEPTH - NO REFUSAL

UNDERGROUND ELECTRIC LINE

SANITARY SEWER MANHOLE

SANITARY SEWER CLEANOUT



ATION NO.	APPLIC/	
03-24-2025	DATE	
1" = 100	SCALE	
G_1	SHEET	

#### GENERAL NOTES

- THE CONTRACTOR IS REFERRED TO SPECIAL CONDITIONS OF THE SPECIFICATIONS
  REGARDING COORDINATION WITH OTHERS, INCLUDING RESPONSIBILITIES AND RELATED
  COSTS.
- EXISTING UTILITIES ARE SHOWN BASED ON INFORMATION AVAILABLE. LOCATIONS ARE NOT BASED ON A FIELD SURVEY. FIELD LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR MAY NEED TEST PIT IN ORDER TO DETERMINE THE LOCATION OF EXISTING UTILITIES. THE CONTRACTOR SHALL PROTECT ALL UTILITIES DURING CONSTRUCTION. ANY UTILITY DAMAGE SHALL BE PROMPTLY AND FULLY RESTORED TO THE SATISFACTION OF THE UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE.
- 3. ALL STRUCTURES AND PIPELINES LOCATED ADJACENT TO THE TRENCH EXCAVATION SHALL BE PROTECTED AND FIRMLY SUPPORTED BY THE CONTRACTOR UNTIL THE TRENCH IS BACKFILLED. DAMAGE TO ANY SUCH STRUCTURES CAUSED BY, OR RESULTING FROM, THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL UTILITIES REQUIRING REPAIR, RELOCATION OR ADJUSTMENT AS A RESULT OF THE PROJECT SHALL BE COORDINATED THROUGH THE RESPECTIVE UTILITY.
- 4. IN THOSE INSTANCES WHERE POWER OR TELEPHONE POLE SUPPORT IS REQUIRED, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48-HOUR NOTIFICATION TO THE UTILITY, RESPECTIVELY. NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR TEMPORARY BRACING OF UTILITIES.
- 5. WRITTEN DIMENSIONS SHALL PREVAIL. DO NOT SCALE DISTANCES FROM THE DRAWINGS. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
- 6. CONTRACTOR SHALL INSTALL AND MAINTAIN TRAFFIC CONTROL DEVICES AS NECESSARY AND IN A MANNER CONSISTENT WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.). N.H.D.O.T. STANDARDS. OR AS REQUIRED BY OWNER.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF EROSION. ALL DISTURBED EARTH SURFACES ARE TO BE STABILIZED IN THE SHORTEST PRACTICAL TIME AND TEMPORARY EROSION CONTROL DEVICES SHALL BE EMPLOYED UNTIL SUCH TIME AS ADEQUATE SOIL STABILIZATION HAS BEEN ACHIEVED. TEMPORARY STORAGE OF EXCAVATED MATERIAL IS TO BE IN A MANNER THAT WILL MINIMIZE EROSION. MATERIALS AND METHODS USED FOR TEMPORARY EROSION CONTROL SHALL BE AS SPECIFIED BY THE "NEW HAMPSHIRE STORMWATER MANUAL" PREPARED BY THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES.
- 8. COMPACTION TESTS SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 33 23 23.23. ANY SETTLEMENT OCCURRING WITHIN ONE YEAR OF SUBSTANTIAL COMPLETION OF THE PROJECT WILL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- 9. OPEN TRENCHES IN THE ROADWAY MUST BE BACKFILLED AT THE END OF THE WORKDAY, UNLESS PERMISSION IS GIVEN IN WRITING BY THE OWNER.
- 10. CONTRACTOR SHALL CONTROL DUST TO A TOLERABLE LIMIT. CONTRACTOR SHALL NOT TRACK OR SPILL EARTH AND DEBRIS ON PUBLIC STREETS OUTSIDE THE PROJECT AREA. STREETS OPENED TO THE PUBLIC SHALL BE KEPT SWEPT AND FREE OF DEBRIS EACH DAY AT THE BEGINNING AND END OF WORK DAY. CROSS STREETS THAT BOUND THE PROJECT AREA WILL BE SWEPT AT LEAST ONCE EACH WEEK OR AS DIRECTED BY THE ENGINEER.
- 11. ALL AREAS (EXCEPT GRAVEL DRIVEWAYS) THAT ARE EXCAVATED, FILLED OR OTHERWISE DISTURBED BY THE CONTRACTOR AND ARE NOT TO BE PAVED OR FILLED WITH RIPRAP, SHALL BE LOAMED, GRADED, LIMED, FERTILIZED, SEEDED AND MULCHED, UNLESS OTHERWISE DETAILED IN THE PLANS OR PERMIT CONDITIONS.
- 12. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
- 13. THE CONTRACTOR IS TO TAKE SPECIAL CARE NOT TO DAMAGE TREES WITHIN THE CONSTRUCTION AREA UNLESS THEY ARE NOTED TO BE REMOVED.
- 14. LIMITS OF WORK IN EXISTING DRIVES AS SHOWN ON THE PLANS ARE APPROXIMATE. ACTUAL LIMITS OF WORK ARE TO BE DETERMINED IN THE FIELD BASED ON THESE DRAWINGS AND AS APPROVED BY THE ENGINEER
- 15. EXISTING SIGNS IMPACTED BY THIS PROJECT SHALL BE RESET AT NO ADDITIONAL COST TO THE OWNER. PLACEMENT SHALL CONFORM TO THE REQUIREMENTS OF THE MUTCD OR RELEVANT TOWN REQUIREMENTS.
- 16. PROPOSED HYDRANTS SHALL BE INSTALLED AT A MINIMUM OF 8 FEET FROM EDGE OF PAVEMENT.
- 17. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT THE TOWN'S EXISTING INFRASTRUCTURE AND OTHER UTILITIES FROM DAMAGE DURING LEDGE EXCAVATION.
- 18. ALL DUCTILE IRON WATER MAIN, VALVES AND FITTINGS SHALL BE WRAPPED WITH POLYETHYLENE ENCASEMENT PROTECTION WRAP (POLY WRAP). REFER TO SPEC SECTION 33

#### **SURVEY NOTES**

- 1. PARCEL DATA SHOWN ON THESE DRAWINGS IS DERIVED FROM THE NEW HAMPSHIRE GEODATA PORTAL.
- 2. THIS SURVEY IS SUBJECT TO FACTS AS AN ACCURATE TITLE SEARCH MIGHT DISCLOSE.
- 3. THIS SURVEY IS SUBJECT TO ANY AND ALL EASEMENTS AND RESTRICTIONS OF RECORD.
- 4. THIS PLAN DOES NOT SHOW ANY WETLANDS OR WETLANDS BUFFERS THAT MAY EXIST ON OR NEAR THE SUBJECT PROPERTY.
- 5. THE CERTIFICATION SHOWN IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

#### CIVIL DEMOLITION NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND DISPOSING OF ALL DEMOLISHED PIPING, EQUIPMENT AND MATERIALS. DISPOSAL SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPROPRIATE DISPOSAL OF FLOWS RESULTING FROM PRECIPITATION AND HIS DEWATERING OPERATIONS.

#### SITE GRADING NOTES

- ALL VEGETATED AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITIONS THAN FOUND PRIOR TO THE BEGINNING OF CONSTRUCTION. BEFORE FINAL COMPLETION OF THE PROPOSED WORK, ALL ROADWAY, SLOPES, DITCHES AND BERMS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- 2. ALL ROAD AND PARKING AREA SURFACES SHALL PITCH 1/4 INCH PER FOOT MINIMUM UNLESS OTHERWISE NOTED.
- 3. WHERE EXISTING PAVEMENT IS REMOVED AND REPLACED, MATCH EXISTING GRADES TO THE EXTENT POSSIBLE. COORDINATE FINE GRADING WITH THE ENGINEER.

#### WELL ABANDONMENT NOTES

1. WELLS ARE TO BE DECOMMISSIONED BY A LICENSED WATER WELL CONTRACTOR IN ACCORDANCE WITH THE NEW HAMPSHIRE WATER WELL BOARD RULES WE 604.

WELL NO.	CASING DIAMETER (INCHES)	DEPTH (FEET)
1	6	500
2	6	500

#### SITE LAYOUT NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF ALL PROPOSED WORK AS SHOWN ON THE DRAWINGS. THE ENGINEER WILL PROVIDE TWO POINTS THAT DEFINE THE HORIZONTAL CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THIS PROVIDED LAYOUT INFORMATION THROUGHOUT THE COURSE OF CONSTRUCTION. REPORT ANY LAYOUT DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-ESTABLISHING AND RESETTING ALL EXISTING PROPERTY MONUMENTATION DISTURBED BY HIS OPERATIONS. THIS WORK SHALL BE DONE BY A LAND SURVEYOR REGISTERED IN THE STATE OF NEW HAMPSHIRE, AT NO ADDITIONAL COST TO THE OWNER.
- 3. THE ENGINEER SHALL PROVIDE THE NECESSARY HORIZONTAL CONTROL POINTS FOR THE CONTRACTOR AND THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THIS INFORMATION THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL ELEVATION REFERENCE INFORMATION PRIOR TO USE IN CONSTRUCTION.
- 4. ELECTRONIC FILES OF ENGINEER'S DRAWINGS WILL BE PROVIDED TO THE SUCCESSFUL CONTRACTOR AFTER CONTRACT AWARD FOR LAYOUT OF THE PROPOSED WORK. ALL LAYOUT INFORMATION PROVIDED ON THE SEALED COPIES OF THE CONTRACT DRAWINGS SHALL PREVAIL IN CASE OF DISCREPANCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF THE WORK BASED ON EXISTING CONTROL POINTS PROVIDED BY THE ENGINEER AND IT'S CONSULTANTS. ANY DISCREPANCIES FOUND SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.

#### TRAFFIC CONTROL NOTES

- 1. CONTRACTOR'S RESPONSIBILITY:
- 1.1. DEVELOP A PROJECT SPECIFIC CONTROL PLAN THAT MEETS THE REQUIREMENTS OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ANY LOCAL AND STATE REQUIREMENTS. PROPOSED TRAFFIC CONTROL PLAN SHALL INDICATE SIGNS/LOCATIONS TO BE USED. TRAFFIC CONTROL PLAN SHALL BE SUBMITTED AND APPROVED BY THE TOWN OF DERRY. REMIT FEES AND PROVIDED SURETIES IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF DERRY. THE CONTROL PLAN SHALL BE APPROVED PRIOR TO ANY CONSTRUCTION.
- 1.2. PROVIDE ALL MATERIALS AND PERFORM ALL WORK NECESSARY TO COMPLETELY REGULATE TRAFFIC IN THE AREA OF WORK.
- 1.3. PERFORM ALL WORK IN SUCH A MATTER AS TO PROVIDE SAFE PASSAGE AT ALL TIMES FOR THE PUBLIC AND WITHIN A MINIMUM OF OBSTRUCTION TO TRAFFIC.
- 1.4. DO NOT CLOSE ROADS OR STREETS TO PASSAGE OF THE PUBLIC WITHOUT THE PERMISSION OF THE PROPER AUTHORITIES.
- 1.5. THE CONTRACTOR'S DESIGNATED TRAFFIC CONTROL REPRESENTATIVE SHALL RESPOND TO ALL TRAFFIC SAFETY COMPLAINTS AND BE AVAILABLE TO DIRECT TRAFFIC CONTROL SUBCONTRACTORS THE ENTIRE TIME WORK IS OCCURRING ON SITE. IF THE DESIGNATED REPRESENTATIVE IS NOT ON SITE FOR A PERIOD, ANOTHER ON SITE REPRESENTATIVE SHALL BE DESIGNATED BY THE CONTRACTOR FOR THAT PERIOD.
- 2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND PAY FEES TO MUNICIPALITY DIRECTLY FOR POLICE DETAIL DURING WORK PERFORMED IN MUNICIPALITY RIGHTS-OF-WAY.
- 3. FLAGGERS SHALL BE CERTIFIED BY THE ATSSA (AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION) OR A COMPARABLE ORGANIZATION. FLAGGERS MUST PROVIDE PROOF OF CERTIFICATION UPON REQUEST. FLAGGING ORGANIZATIONS SHOULD PROVIDE COPIES, UP FRONT, OF THEIR EMPLOYEE CERTIFICATIONS WITH OTHER SUBMITTALS.
- 4. FLAGGERS MUST BE EQUIPPED WITH PPE, TRAFFIC CONTROL SIGNAGE, FLAGS, BARRIERS, BARRICADES AND ANY OTHER REQUIRED MUTCD DEVICES FOR TRAFFIC CONTROL PURPOSES. FLAGGERS MUST BE PROVIDED WITH APPROPRIATE BREAKS FOR LUNCH, RELIEF FROM WEATHER CONDITIONS, AND OTHER NECESSITIES.
- 5. THE WORK HOUR SCHEDULE SHALL BE IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS.
- SIGNAGE SHALL BE IN ACCORDANCE WITH THE DRAWINGS OR AS APPROVED BY THE MUNICIPAL POLICE DEPARTMENT, THE MUNICIPAL PUBLIC WORKS DEPARTMENT, AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
  - 7. PROVIDE, IDENTIFY AND MAINTAIN SUITABLE DETOURS WHEN THE PROJECT, OR ANY PART THEREOF, IS CLOSED TO PUBLIC TRAVEL.
- 8. WHEN THE CLOSED PART OF THE PROJECT IS REOPENED, RESTORE THE DETOUR AREA AND ANY OTHER DISTURBED AREAS TO THE ORIGINAL CONDITION.
- 9. WHENEVER A TRAVELED WAY IS CLOSED, PERFORM THE WORK IN SUCH A MANNER THAT LOCAL TRAVEL, RESIDENTS AND BUSINESSES IN THE VICINITY OF THE WORK WILL BE INCONVENIENCED AS LITTLE AS POSSIBLE.
- 10. ALLOW ACCESS TO RESIDENTS AND ABUTTING LAND OWNERS ALONG THE PROJECT TO DRIVEWAYS AND OTHER NORMAL OUTLETS FROM THEIR PROPERTY.
- 11. CONTRACTOR SHALL FACILITATE THE PASSAGE OF SCHOOL BUSES AND PROVIDE SAFE ACCESS TO ALL SCHOOL BUS STOPS, AND NOTIFY THE POLICE CHIEF, FIRE CHIEF, AND SCHOOL SUPERINTENDENT AT LEAST 72-HOURS IN ADVANCE WHERE THE CONTRACTOR INTENDS TO WORK AND THE LOCATION OF ALL DETOURS.

#### PIPELINE NOTES

- 1. PROVIDE 2 INCH RIGID INSULATION WHERE DIRECTED BY OWNER OR ENGINEER. TYPICAL INSULATION INSTALLATION IS OVER SEWER AND WATER MAINS WHEN COVER IS LESS THAN
- 2. MINIMUM DEPTH OF COVER FOR WATER MAIN SHALL BE 5'-0". PIPE RESTRAINT FOR WATER MAINS: ALL BENDS, TEES, REDUCERS, HYDRANTS, AND PLUGS SHALL BE RESTRAINED BY USING WEDGE ACTION RETAINER GLANDS OR GRIP RINGS. ALL DUCTILE IRON PIPE SHALL BE FULLY RESTRAINED JOINT PIPE AND A WORKING PRESSURE OF AT LEAST 350 PSI.
- 3. A MINIMUM SEPARATION OF 18 INCHES BETWEEN THE WATER MAIN AND STORM DRAINAGE PIPES SHALL BE MAINTAINED. 2 INCH RIGID INSULATION SHALL BE PROVIDED WHEN THE SEPARATION IS LESS THAN 18 INCHES.
- 4. THE LOCATIONS OF ALL EXISTING DRAINS, SEWERS, WATER MAINS, POWER LINES, TELEPHONE CABLES AND OTHER UTILITIES ARE APPROXIMATE ONLY. FIELD LOCATIONS SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO STARTING THE WORK.
- 5. WHERE NEW PIPING IS TO BE CONNECTED TO EXISTING PIPING, THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ADAPTERS, FITTINGS, AND ADDITIONAL PIPE AS REQUIRED TO COMPLETE THE CONNECTION. CONTRACTOR SHALL VERIFY LOCATION, ELEVATION, ORIENTATION AND MATERIAL OF CONSTRUCTION. TEST PITS SHALL BE USED AS REQUIRED.
- 6. ANY UNDERGROUND STRUCTURES, CABLES, AND PIPELINES LOCATED ADJACENT TO THE TRENCH EXCAVATIONS SHALL BE PROTECTED AND FIRMLY SUPPORTED BY THE CONTRACTOR UNTIL THE TRENCH IS BACKFILLED. DAMAGE TO ANY SUCH STRUCTURES, CABLES, AND PIPELINES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNERS OF THE STRUCTURES, CABLES, AND PIPELINES.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF THE WATER IMPROVEMENTS. LAYOUT SHALL BE REVIEWED AND ACCEPTED BY THE OWNER AND ENGINEER. THE NEW WATER VALVES MUST BE LOCATED WITHIN THE RIGHTS-OF-WAY SHOWN ON THE DRAWINGS.
- 8. TEST PRESSURES FOR THE COMBINATION PRESSURE AND LEAKAGE TESTS SHALL BE 200 PSI (MINIMUM). TEST DURATION SHALL BE ONE HOUR.
- 9. BELOW GRADE UTILITY INFORMATION IS BASED ON RECORD DRAWINGS. LOCATION OF PUBLIC UTILITIES SHOWN IS ONLY APPROXIMATE AND MAY NOT BE COMPLETE. PRIVATE UNDERGROUND UTILITIES SUCH AS, BUT NOT LIMITED TO, SEWER LINES, WATER LINES AND BURIED ELECTRICAL SERVICE ENTRANCES ARE NOT SHOWN.
- 10. ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION ARE TO REMAIN IN SERVICE UNLESS OTHERWISE NOTED. AT NO ADDITIONAL COST TO THE OWNER THE CONTRACTOR SHALL REPAIR OR COORDINATE WITH THE RESPECTIVE UTILITY ON DAMAGE TO EXISTING UTILITIES.
- 11. REMOVAL OF LEDGE SHALL BE BY MECHANICAL METHODS. BLASTING OF LEDGE IS PROHIBITED.
- 12. ALL CONSTRUCTION SHALL CONFORM TO DERRY WATER DEPARTMENT SPECIFICATIONS AND CONSTRUCTION STANDARDS.

rdantes TREET, 3RD FLOOR, SUITE ESTER. NH 03101

STEVEN H. LEWANDOWSKI, P.E.

STEVEN HANDOWSKI, P.E.

STEVEN HANDOWSKI HANDOWSKI, P.E.

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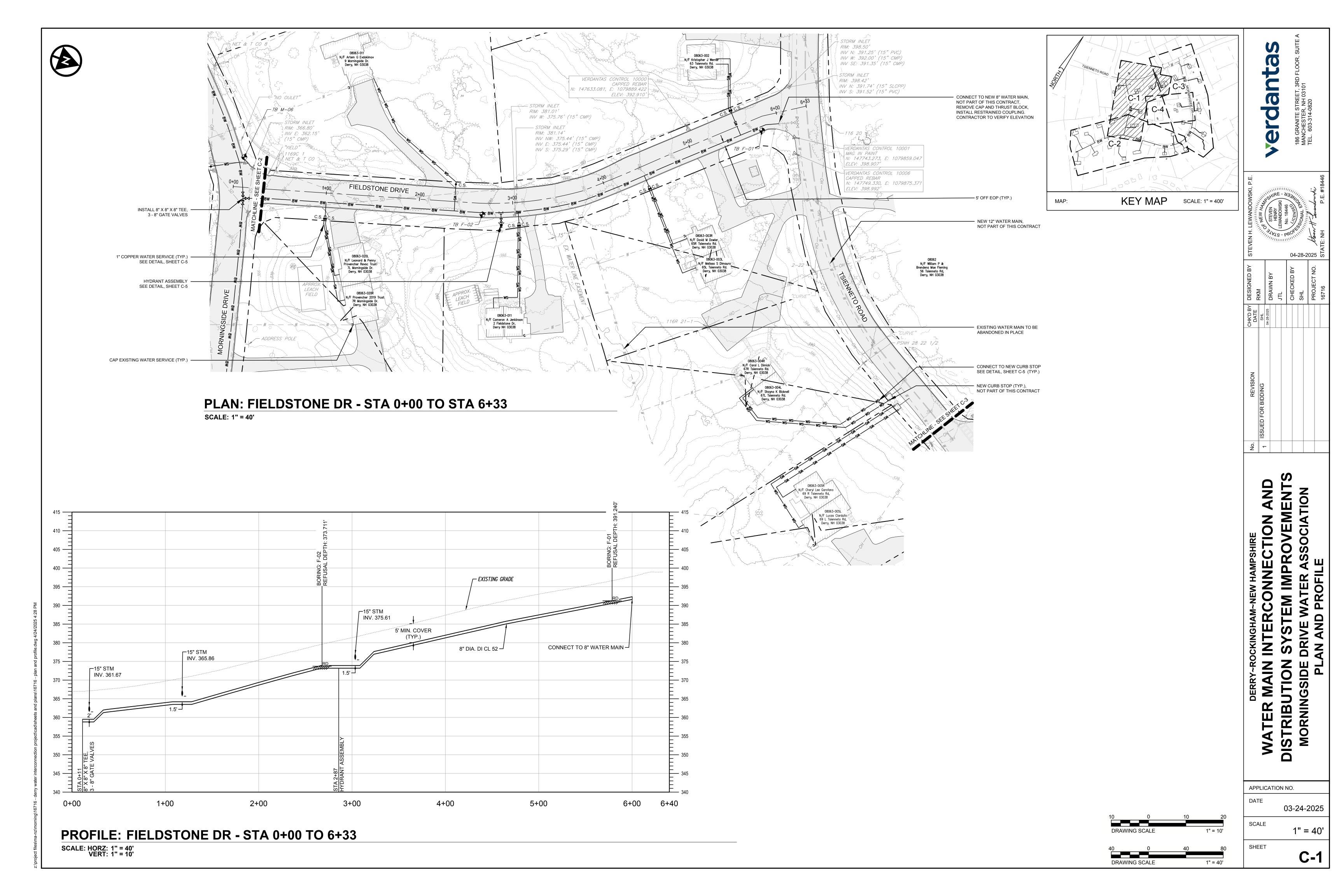
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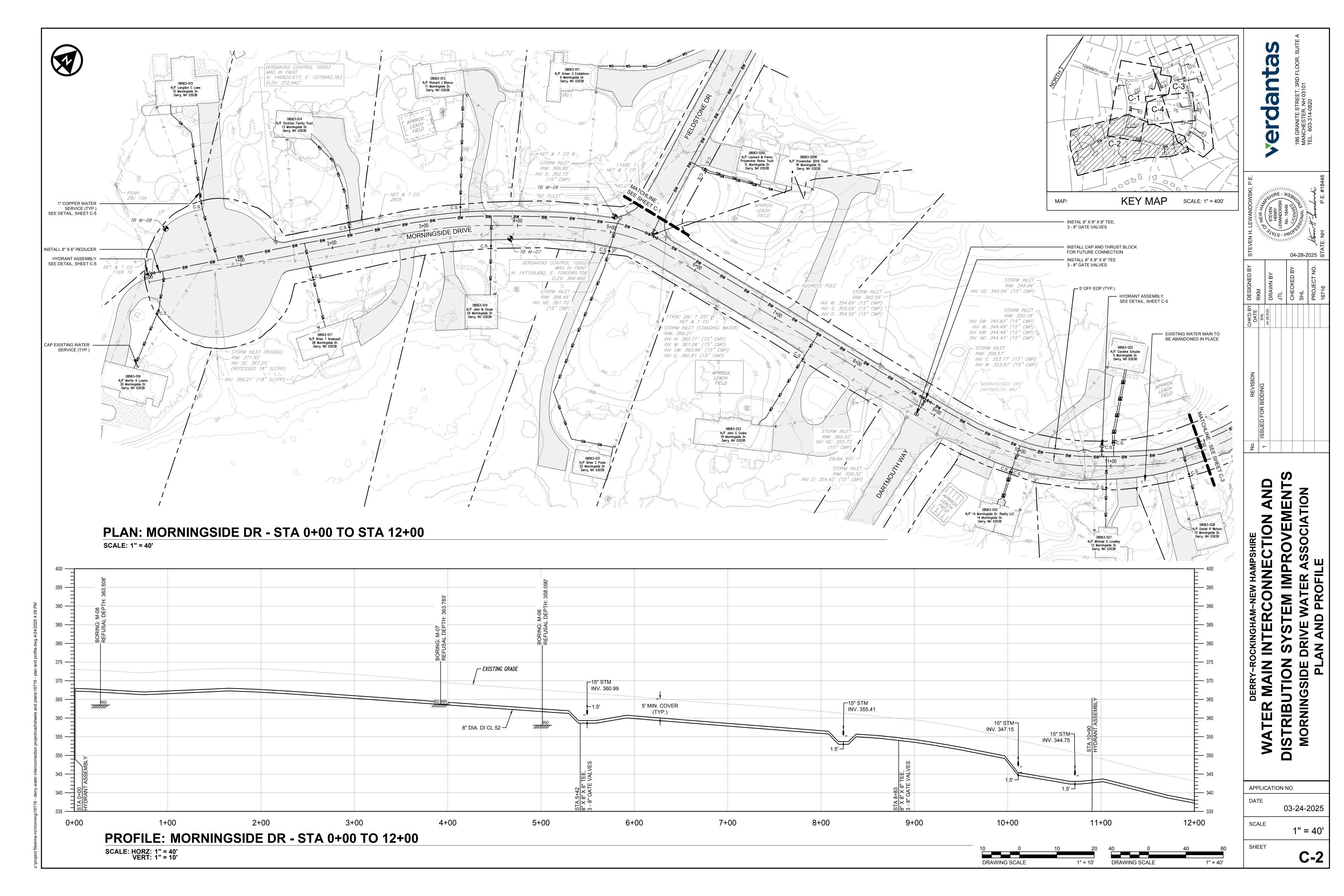
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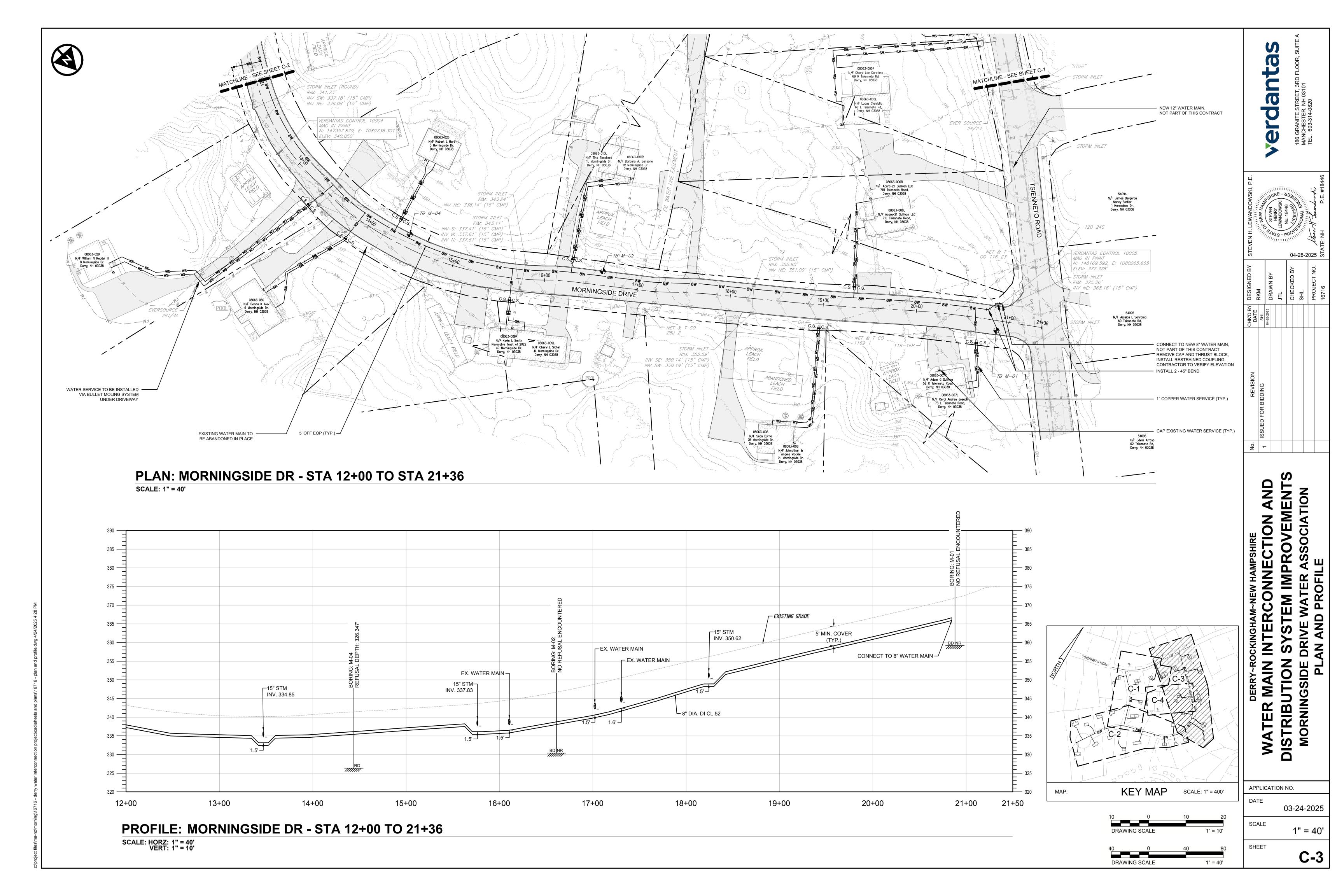
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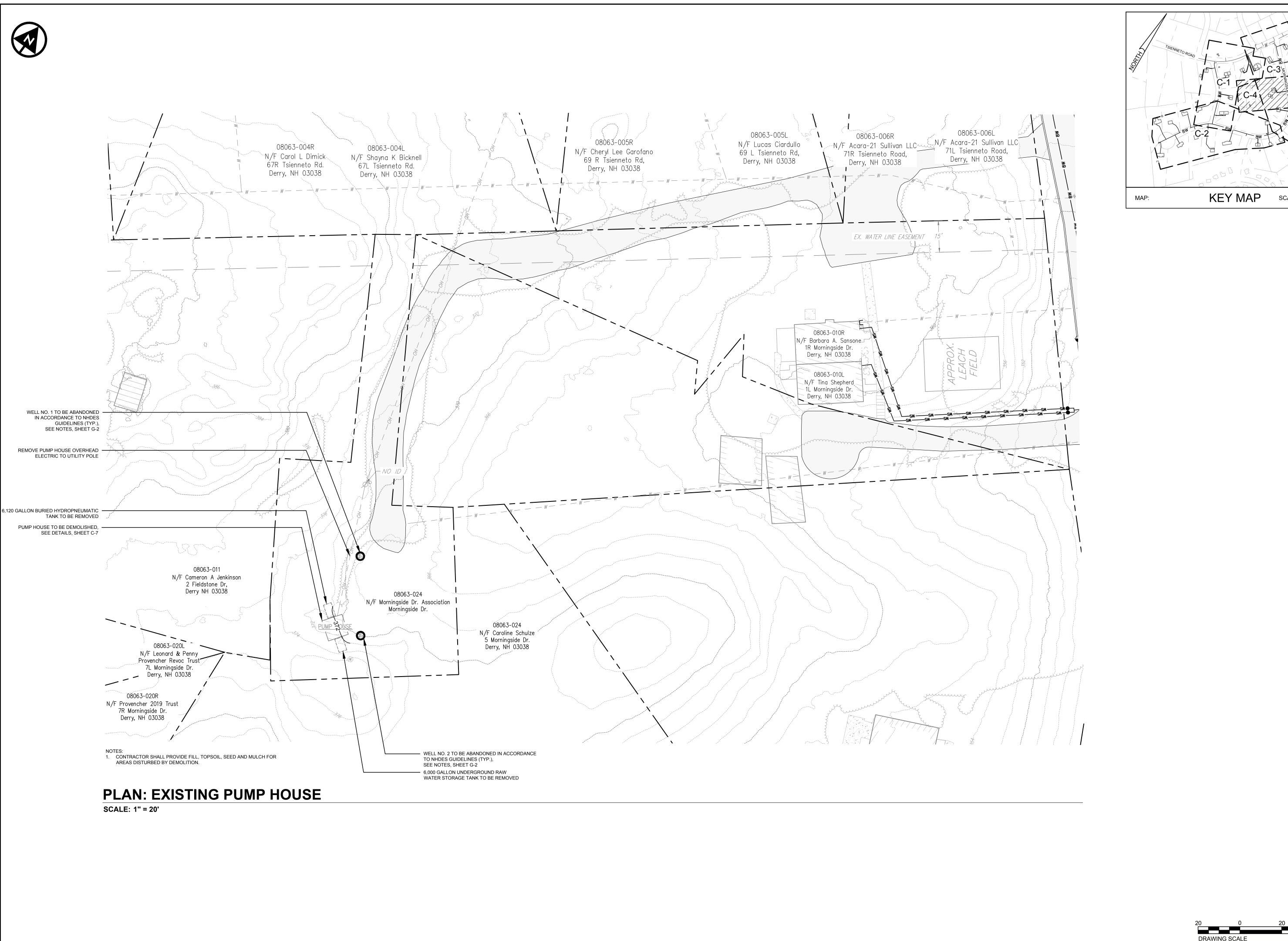
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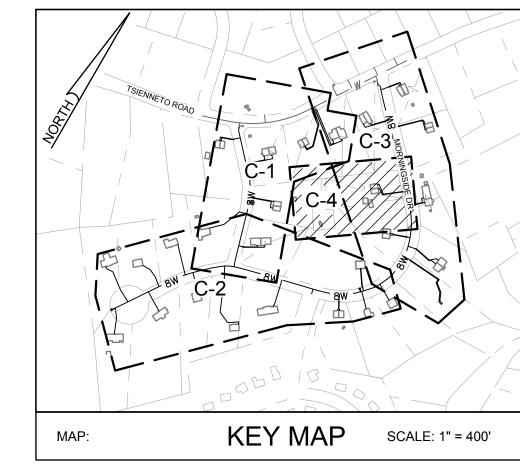
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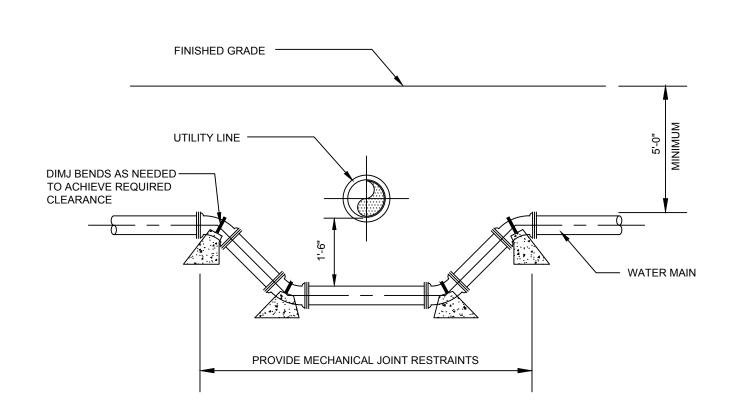
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APPLICATION NO. 03-24-2025 SCALE 1" = 20'

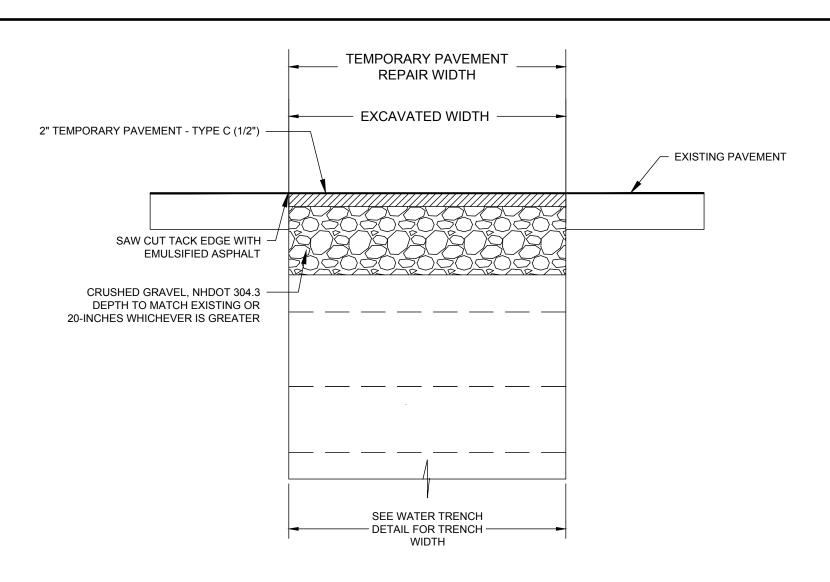
#### WATER TRENCH DETAIL NO SCALE

AMERICAN DARLING B-84-B, OPEN LEFT FIRE HYDRANT (PLUGGED) PUMPER CONNECTION TO -FACE TRAVELED WAY COVER LABEL "WATER" BREAKAWAY FLANGE FINISH GRADE -VALVE BOX -CONCRETE THRUST BLOCK TO CONTACT HYDRANT, DO NOT ENCASE.
THRUST BLOCK TO BE PLACED D.I. MAIN X 6" D.I. TEE AGAINST UNDISTURBED SOIL. (ANCHOR TEE) (3' X 3' X LENGTH REQUIRED) 2'-0" MIN. ALL JOINTS SHALL BE RESTRAINED INSTALL 3' DIAMETER DRAIN PIT USING MEGALUG OR EQUAL FILLED WITH 3/4" CRUSHED STONE

HYDRANT CONNECTION DETAIL NO SCALE



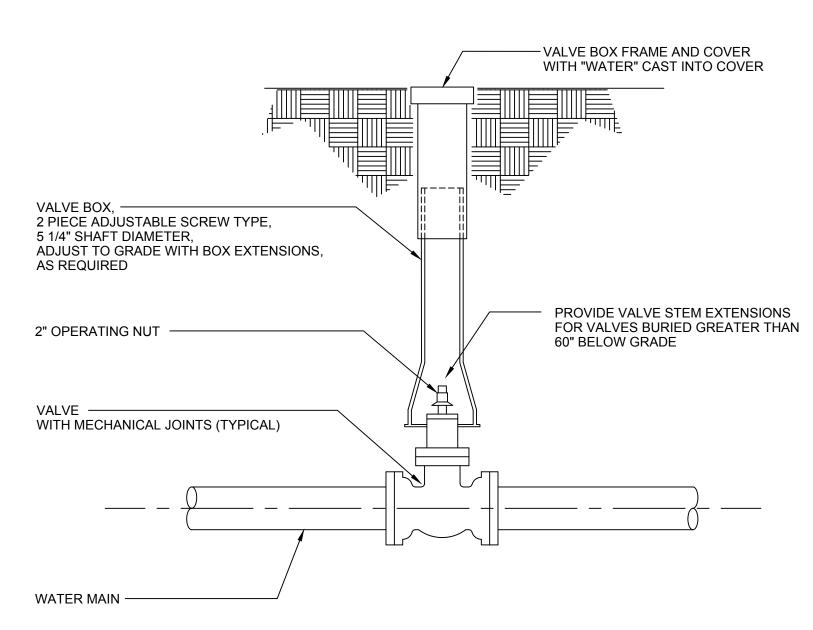
WATER MAIN CROSSING UTILITY DETAIL NO SCALE



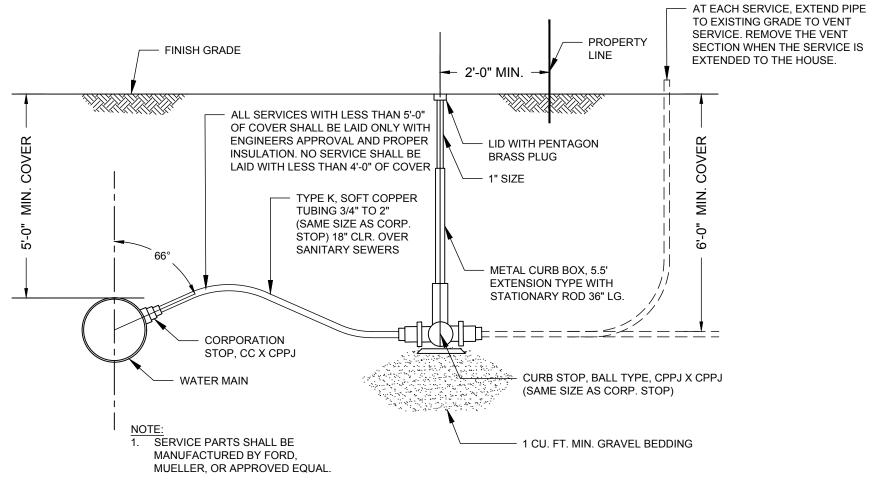
- 1. TRENCHES SHALL BE RESTORED AT THE END OF EACH DAY WITH NHDOT 304.3 CRUSHED GRAVEL, COMPACTED AND GRADED LEVEL WITH EXISTING ASPHALT SURFACE. TEMPORARY TRENCHES MUST BE MAINTAINED ON A DAILY BASIS, INCLUDING DUST CONTROL, AS APPROVED BY THE ENGINEER AND DERRY ROAD AGENT.
- 2. TEMPORARY TRENCH PATCH MUST BE PLACED ON ALL DISTURBED ROADWAYS BY THE END OF THE DAY ON FRIDAY OF EACH WEEK.
- 3. A MINIMUM TWO (2) INCHES OF BITUMINOUS PAVEMENT SHALL BE PLACED AND MAINTAINED BY THE CONTRACTOR FOR A MINIMUM OF 60 DAYS FOLLOWING EXCAVATION AND BACKFILL.

#### TEMPORARY TRENCH PAVEMENT REPAIR

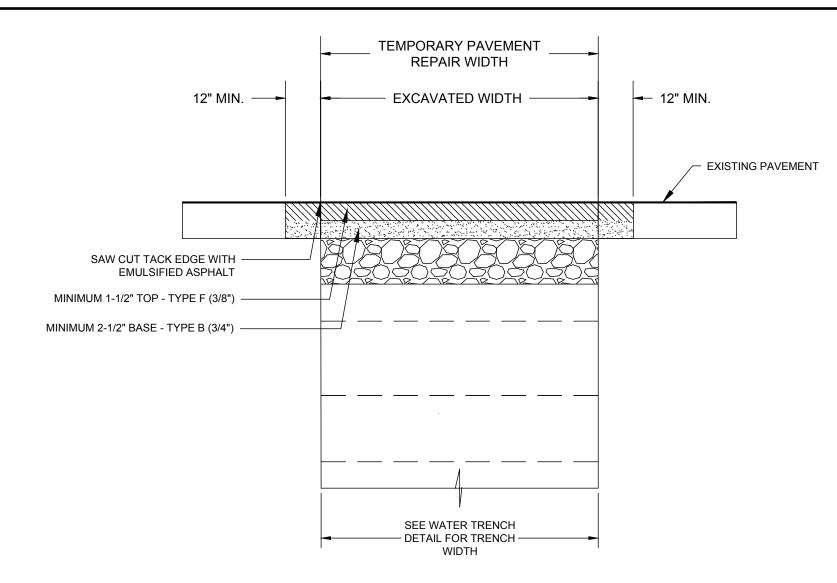
NO SCALE



VALVE BOX DETAIL NO SCALE

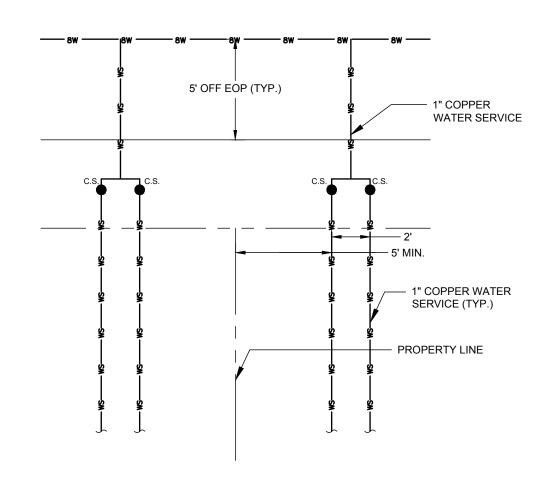


SERVICE CONNECTION DETAIL NO SCALE

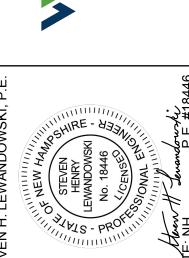


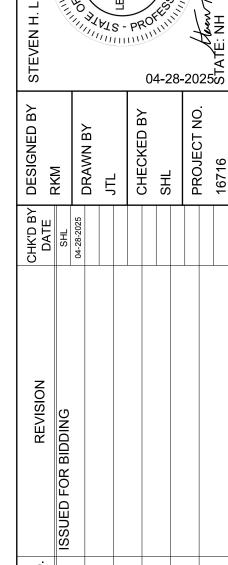
1. AFTER MINIMUM 60 DAYS OF TEMPORARY TRENCH PATCH, PERMANENT TRENCH PAVEMENT REPAIR MAY BE COMPLETED.

#### PERMANENT TRENCH PAVEMENT REPAIR NO SCALE



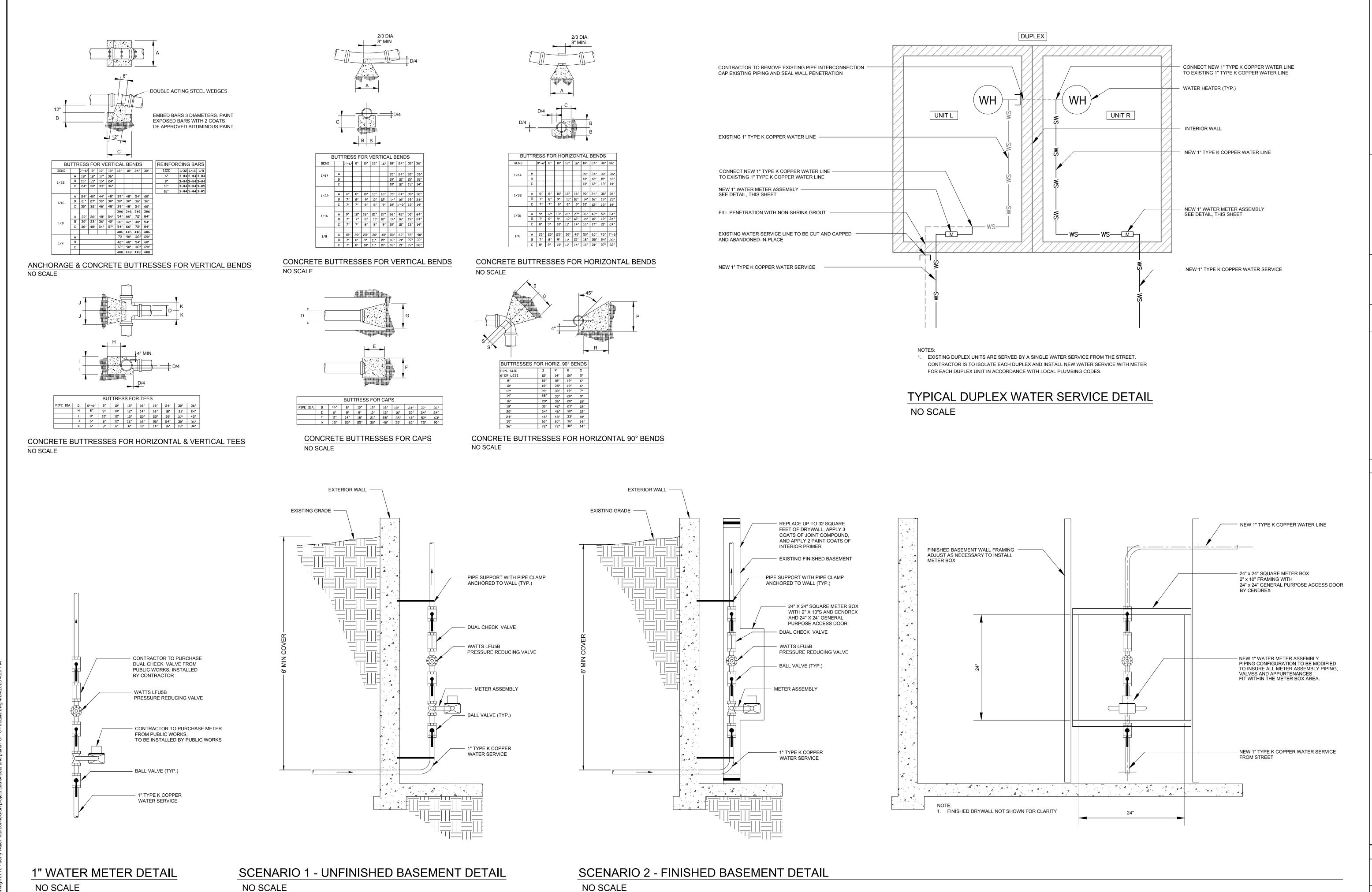
DUPLEX PROPERTY CURB STOP ARRANGEMENT DETAIL NO SCALE





# AND NECTION TRIBUTION MORNING

APPLICATION NO. 03-24-2025 SCALE AS NOTED SHEET



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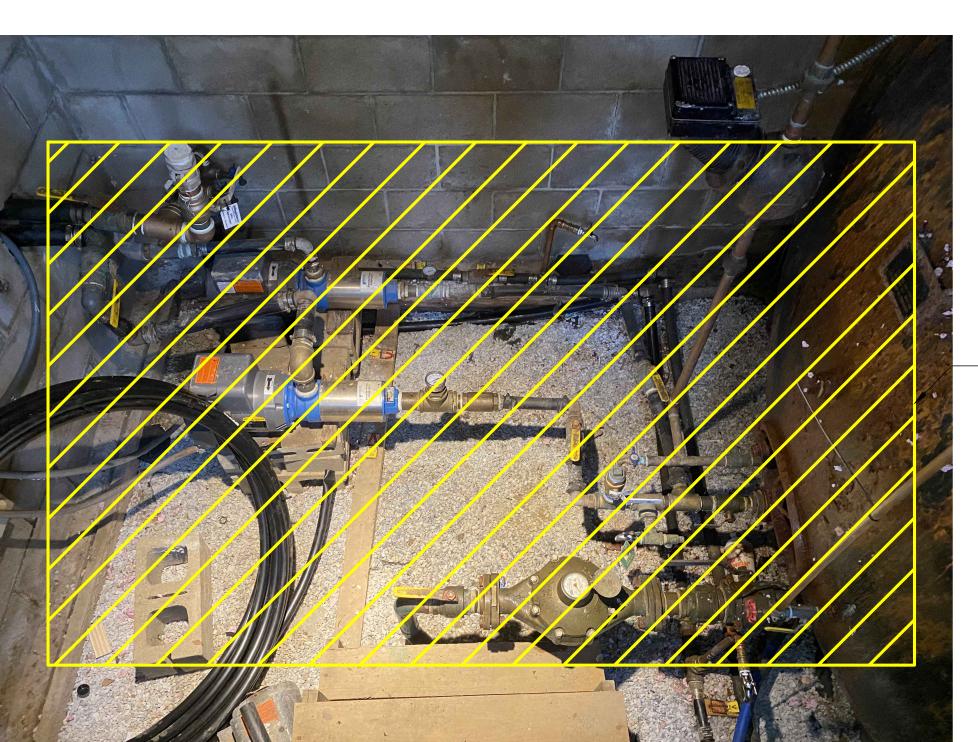
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PUMP HOUSE INTERIOR
NO SCALE



PUMP HOUSE INTERIOR
NO SCALE

- MECHANICAL EQUIPMENT TO BE REMOVED

LEGEND

ITEMS TO BE REMOVED

NOTES:

1. IMAGES OF EQUIPMENT AND ELECTRICAL ITEMS TO BE REMOVED ARE PROVIDED AS A GENERAL OUTLINE. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EQUIPMENT AND ELECTRICAL ITEMS NECESSARY TO TRANSFER WATER SERVICE FROM THE PRIVATE WELL TO PUBLIC WATER. NOTE THAT SOME EQUIPMENT AND ELECTRICAL ITEMS THAT NEED TO BE REMOVED MAY NOT BE SHOWN IN THE IMAGES.

2. CONTRACTOR SHALL COORDINATE WITH ELECTRIC UTILITY FOR DEMOLITION AND TERMINATION OF EXISTING ELECTRIC SERVICE. ELECTRIC DEMOLITION SHALL BE IN ACCORDANCE WITH ELECTRIC UTILITY REQUIREMENTS.

186 GRANITE STREET, 3RC MANCHESTER, NH 03101 TEL. 603-314-0820

CHK'D BY DESIGNED BY STEVEN H. LEWANDOWSKI, P.E.

SHL

CHECKED BY

SHL

SHL

PROJECT NO.

STEVEN H. LEWANDOWSKI, P.E.

SHL

PROJECT NO.

STATE: NH

P.E. #1844

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RAIN INTERCONNECTION AND SUTION SYSTEM IMPROVEMENTS INGSIDE DRIVE WATER ASSOICATION

APPLICATION NO.

DATE

03-24-2025

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