

GENERAL NOTES:

- ALL WORK TO BE DONE ACCORDING TO HALIFAX WATER CONTRACT DOCUMENT.
 - FOR HALIFAX WATER INFRASTRUCTURE INSTALLATION, REFER TO HALIFAX WATER DESIGN AND CONSTRUCTION SPECIFICATIONS, LATEST EDITION.
 - CONTRACTOR SHALL ADHERE TO ALL OCCUPATIONAL HEALTH AND SAFETY REGULATIONS.
 - ALL WORKS TO BE PERFORMED IN ACCORDANCE WITH REQUIREMENTS OF NOVA SCOTIA ENVIRONMENT.
 - ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF NOVA SCOTIA ENVIRONMENT'S EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION SITES.
 - CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM WORK AND TO COMPLY WITH ALL PERMIT REQUIREMENTS AND CONDITIONS.
 - CONTRACTOR IS RESPONSIBLE TO ARRANGE FOR ON SITE LOCATES WITH ALL UTILITIES PRIOR TO START OF WORK. LOCATES CAN BE REQUESTED THROUGH WWW.INFO-EXC.COM. CONTACT NOVA SCOTIA POWER (NSP) DIRECTLY TO OBTAIN A SAFE CLEARANCE REPORT.
 - CONTRACTOR TO NOTIFY HRM, HALIFAX WATER AND NOVA SCOTIA ENVIRONMENT REGARDING CONSTRUCTION SCHEDULE PRIOR TO COMMENCING CONSTRUCTION.
 - WORK IN THE IMMEDIATE AREA OF A NOVA SCOTIA CO-ORDINATE MONUMENT MUST BE CARRIED OUT BY HAND. THE CONTRACTOR IS RESPONSIBLE FOR ANY COSTS IF MONUMENTS ARE DISTURBED.
 - CONTRACTOR RESPONSIBLE TO HAVE ANY DAMAGED/REMOVED PROPERTY SURVEY PINS REPAIRED/REPLACED BY LICENSE SURVEYOR.
 - CONTRACTOR IS RESPONSIBLE TO SUPPLY ELECTRONIC SURVEY COORDINATES AND ELEVATIONS, REPRESENTATIVE OF ALL INSTALLED WATER, WASTEWATER AND STORMWATER SYSTEMS. THE ACCEPTABLE FILE FORMAT WILL BE CSV/ASCII FILE IN NAD83, GVD2013 FORMAT, PER HALIFAX WATER SPECIFICATIONS. SURVEY DATA FOR HALIFAX WATER INFRASTRUCTURE TO BE CODED PER HALIFAX WATER FEATURES CODES.
 - CONTRACTOR IS RESPONSIBLE FOR SETTING GRADES AND LAYOUT CONTROL TO THE SATISFACTION OF THE ENGINEER.
 - THE LOCATION OF THE EXISTING WATER SYSTEM, WASTEWATER SYSTEM, STORM SYSTEM AND DITCHES AS SHOWN ON THE DRAWINGS, ARE NOT NECESSARILY ACCURATE OR COMPLETE. CONTRACTOR SHALL CONFIRM ALL EXISTING DIMENSIONS, ELEVATIONS AND LOCATIONS, AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
 - THE CONTRACTOR SHALL CHECK AND VERIFY ALL PROPOSED DIMENSIONS IN THE FIELD BEFORE PROCEEDING WITH SHOP DRAWINGS AND CONSTRUCTION. ANY ADJUSTMENTS WILL BE MADE BY THE ENGINEER, AS NECESSARY.
 - CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF TREES, WITHIN THE CONSTRUCTION AREA. TREES ARE NOT TO BE REMOVED WITHOUT PERMISSION OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ANY TREE PRUNING THAT MAYBE NECESSARY AND ALL TREE PRUNING SHALL TAKE PLACE PRIOR TO THE START OF CONSTRUCTION AND SHALL BE DONE BY CONTRACTOR APPROVED BY HRM URBAN FORESTRY. CONTACT HRM URBAN FORESTRY AT TO SET UP A SITE MEETING PRIOR TO BEGINNING OF PRUNING OPERATIONS. ANY ROOT STRUCTURE LARGER THEN 50mm IS NOT TO BE DISTURBED. IF A ROOT IS QUESTIONABLE, HRM URBAN FORESTRY IS TO BE CONTACTED TO DETERMINE COURSE OF ACTION.
 - ALL DISTURBED STREET SURFACES TO BE REINSTATED TO HRM MUNICIPAL DESIGN GUIDELINE STANDARDS. REINSTATE ALL SURFACES TO SATISFACTION OF THE ENGINEER.
 - UNLESS OTHERWISE APPROVED, DO NOT ENCR OACH ON ADJACENT PROPERTY, ANY DAMAGES TO ADJACENT PROPERTIES TO BE REPAIRED AT CONTRACTOR'S EXPENSE.
 - ANY STRUCTURES BEING REPLACED (HYDRANTS, VALVES, MANHOLES/ CB FRAMES AND COVER) ARE PROPERTY OF HALIFAX WATER. CONTRACTOR TO COORDINATE RETURN WITH HALIFAX WATER ENGINEER'S REPRESENTATIVE.
 - CONTRACTOR TO CONTACT HALIFAX WATER OPERATIONS DEPARTMENTS (WATER/WASTEWATER) TWO WEEKS PRIOR TO STARTUP FOR PRE-CONSTRUCTION INSPECTION OF INFRASTRUCTURE.
 - 2.0m OF UNDISTURBED AND RETAINED SOIL MUST BE MAINTAINED AROUND ALL UTILITY POLES AND 3.0m MUST BE MAINTAINED AROUND ANCHORS, MEASURED FROM WHERE THE ANCHOR ROD BREAKS THE GROUND. IF THE ABOVE CONDITIONS CANNOT BE MET, THEN THE CONTRACTOR MUST HOLD THE POLE WITH A NON-DESTRUCTIVE (NO BOLTING THROUGH POLE) POLE SUPPORT MECHANISM. THIS MUST BE AN ENGINEERED SYSTEM AND A STAMPED ENGINEERING DRAWING (PDF FORMAT) MUST BE FORWARDED TO THE POLE OWNER (NSP TO BE CC'D IF NSP IS NOT THE POLE OWNER) FOR APPROVAL. DRAWING REVIEW AND APPROVALS COULD TAKE 2 TO 6+ WEEKS, DEPENDING ON WORKLOAD OF APPROVING AUTHORITY.
 - CONTRACTOR TO INVENTORY ALL PAVEMENT MARKINGS PRIOR TO EXCAVATION IN ORDER TO ENSURE PROPER REINSTATEMENT.
 - ANY SIDEWALK PANELS PARTIALLY REMOVED OR UNDERMINED MUST BE COMPLETELY REMOVED AND REPLACED. NO PARTIAL REMOVAL OF SIDEWALK PANELS.
 - ANY ASBESTOS PIPE THAT IS CUT, BROKEN, FRIABLE OR REMOVED SHALL BE DESIGNATED AS ASBESTOS WASTE AND SHALL BE HANDLED AND DISPOSED OF IN ACCORDANCE WITH NOVA SCOTIA ENVIRONMENT REGULATIONS AND NOVA SCOTIA OCCUPATIONAL HEALTH AND SAFETY ACT. NO CUT, BROKEN, DISCARDED, OR FRIABLE ASBESTOS IS TO BE BURIED IN THE GROUND.
 - ANY LEAD SERVICE MATERIAL, THAT IS CUT, BROKEN, OR REMOVED, SHALL BE DESIGNATED AS LEAD WASTE AND SHALL BE HANDLED AND DISPOSED OF IN ACCORDANCE WITH THE NOVA SCOTIA ENVIRONMENT REGULATIONS AND NOVA SCOTIA OCCUPATIONAL HEALTH AND SAFETY ACT. NO CUT, BROKEN, OR DISCARDED LEAD IS TO BE BURIED IN THE GROUND.
 - IN ACCORDANCE WITH THE CANADIAN ENVIRONMENTAL PROTECTION ACT, ANY SPILLS ARE TO BE REPORTED AS SOON AS POSSIBLE TO THE FOLLOWING NUMBER: 1-800-565-1633. IMMEDIATELY FOLLOWING THE CONTRACTOR IS TO FOLLOW UP WITH AN EMAIL TO ECCC, NSECC, AND HALIFAX WATER COMPLIANCE AT THE FOLLOWING ADDRESSES:

bedford.office@novascotia.ca
FA-LP-At@ec.gc.ca
compliance@halifaxwater.ca
- CONTRACTOR TO REFER TO ANY PROJECT SPECIFIC APPROVAL CONTACTS THAT MAY ALSO REQUIRE NOTIFICATION.

- CONTRACTOR TO SUBMIT AN EXCAVATION DEWATERING PLAN TWO (2) WEEKS PRIOR TO START OF WORK, FOR REVIEW BY HALIFAX WATER. REQUIREMENTS FOR EXCAVATION DEWATERING CAN BE FOUND IN THE CONSTRUCTION DEWATERING PAGE OF HALIFAX WATER'S WEBSITE. IN GENERAL, A PERMIT WILL NOT BE REQUIRED, HOWEVER, THIS WILL BE REVIEWED ON A CASE BY CASE BASIS.

WATER NOTES:

- PROPOSED PIPE SHALL HAVE A 1.6m (MIN) OF GROUND COVER UNLESS OTHERWISE DIRECTED BY ENGINEER ON SITE.
- WHEN THE ENGINEER HAS APPROVED COVER LESS THAN 1.6m, A MINIMUM OF 50mm THICK STYROFOAM INSULATION (HI-40) SHALL BE PLACED 150mm OVER THE WATER MAIN OR WATER SERVICE.
- RECONNECT ALL EXISTING WATER SERVICES MATCHING SIZES WITH A MINIMUM OF 19mm.
- FOR THRUST RESTRAINTS AT HYDRANTS, SEE SPECIFICATIONS DRAWING HWSO-1080 (SECTION 39 00 00).
- ALL WATER MAIN VALVES NOT INSTALLED IN A ROADWAY OR PAVED SURFACE TO HAVE ASPHALT APRON AS PER HALIFAX WATER STANDARD DRAWING HWSO-1050 (SECTION 39 00 00).
- ANODES TO BE INSTALLED WITH ALL SERVICES, VALVES AND HYDRANTS AND HYDRANT VALVES.
- WATER MAINS SHALL HAVE CONCRETE THRUST BLOCKS AND MECHANICAL RESTRAINTS AT ALL TEES, BENDS, CAPPED ENDS AND HYDRANTS. VALVES SHALL HAVE MECHANICAL RESTRAINTS ONLY, UNLESS SPECIFIED. WATER MAINS INSTALLED WITH A GRADE OF 1% OR GREATER WILL REQUIRE GRADIENT RESTRAINT ANCHOR BLOCKS. MECHANICAL RESTRAINT DEVICES ON THEIR OWN ARE NOT ACCEPTABLE.
- CONTRACTOR IS RESPONSIBLE TO NOTIFY RESIDENTIAL AND COMMERCIAL CUSTOMERS AFFECTED BY WATER SERVICE DISRUPTIONS. RESIDENTIAL CUSTOMERS REQUIRE 48 HOURS NOTICE AND COMMERCIAL CUSTOMERS REQUIRE 5 BUSINESS DAYS NOTICE. HALIFAX WATER WILL PROVIDE THE CONTRACTOR WITH A STANDARD TEMPLATE FOR WATER DISRUPTION NOTICES. THE CONTRACTOR IS TO COMPLETE THIS NOTICE AND RETURN IT TO HALIFAX WATER FOR REVIEW ONE WEEK BEFORE THE ANTICIPATED SHUTDOWN FOR RESIDENTIAL PROPERTIES, AND TEN (10) DAYS FOR COMMERCIAL PROPERTIES. NOTICES ARE NOT TO BE PROVIDED TO RESIDENTS UNLESS REVIEWED BY HALIFAX WATER.
- ANTI-CORROSION PETROLEUM PASTE, TAPE AND MASTIC (DENSO SYSTEM OR APPROVED EQUIVALENT) TO BE APPLIED TO ALL MECHANICAL JOINTS, MECHANICAL JOINT RESTRAINTS, THREADED RODS, AND ALL BURIED STEEL HARDWARE.
- CONTRACTOR TO ENSURE NO DAMAGE OR DISRUPTION TO EXISTING SERVICE LATERALS DURING CONSTRUCTION.
- ALL DUCTILE IRON PIPES TO BE POLY WRAPPED, AS PER HALIFAX WATER SPECIFICATION. POLYETHYLENE ENCASEMENT FOR WATER MAIN TO BE V-BIO.

WATERMAIN RENEWAL TESTING REQUIREMENTS:

- NO CONNECTIONS TO EXISTING MAINS WILL BE PERMITTED UNTIL HYDROSTATIC TESTING, DISINFECTION AND BACTERIA TESTING REQUIREMENTS HAVE BEEN FULFILLED FOR NEW INFRASTRUCTURE.
- WATER SUPPLIED FOR TESTING AND COMMISSIONING OF NEW MAINS MUST BE THROUGH A CERTIFIED BACKFLOW PREVENTION DEVICE, AND CANNOT BE SUPPLIED VIA THE TEMPORARY WATER SYSTEM, NOR BE AN EXTENSION OF THE TEMPORARY WATER SYSTEM.
- FINAL CONNECTIONS TO EXISTING SYSTEMS SHALL BE SWABBED WITH A 1% HYPOCHLORITE SOLUTION AND FLUSHED UPON COMPLETION AS PER AWWA C651, SECTION 4.10 - CONNECTIONS TO EXISTING MAINS.
- CONTRACTOR TO PROVIDE A TESTING AND CONNECTIONS PHASING PLAN 2 WEEKS PRIOR TO THE START OF WORK.
- PRESSURE TESTING SHALL NOT BE CONDUCTED UNTIL ALL EXCAVATION FOR WATER MAIN, WASTEWATER AND STORMWATER SYSTEMS ARE COMPLETE, AND TYPE 2 GRAVELS ARE PLACED AND COMPACTED.
- FOR NEW MAINS, A MINIMUM OF TWO (2) SAMPLE LOCATIONS ARE REQUIRED (START AND END). SAMPLES SHALL BE COLLECTED EVERY 370m, AND AT LEAST ONE FROM EACH BRANCH GREATER THAN ONE PIPE LENGTH (AWWA C651, SECTION 5.1 - BACTERIOLOGICAL TESTS). SAMPLES ARE TO BE TAKEN FROM DESIGNATED SAMPLE LOCATIONS AND NOT FROM SOURCE WATER CONNECTIONS. HYDRANTS ARE NOT TO BE UTILIZED FOR WATER SAMPLING PURPOSES.

WASTEWATER AND STORMWATER NOTES:

- CONTRACTOR RESPONSIBLE FOR TEMPORARY BYPASSING OF WASTEWATER FLOWS AS NECESSARY TO COMPLETE THE WORK. CONTRACTOR TO PROVIDE A BYPASS PLAN TWO (2) WEEKS PRIOR TO THE START OF WORK.
- CCTV INSPECTION OF THE SEWER IS TO BE COMPLETED AFTER ALL WATER, WASTEWATER AND STORMWATER SYSTEMS ARE COMPLETE, AND TYPE 2 GRAVEL IS PLACED AND COMPACTED. A COPY OF THE INSPECTION AND REPORT SHALL BE PROVIDED TO HALIFAX WATER FOR REVIEW, PRIOR TO PLACEMENT OF ASPHALT. THE CONTRACTOR SHALL ALSO CARRY OUT A CCTV INSPECTION OF THE SEWER THREE (3) MONTHS PRIOR TO EXPIRATION OF THE WARRANTY PERIOD. A COPY OF THE WARRANTY INSPECTION AND REPORT SHALL BE PROVIDED TO HALIFAX WATER FOR REVIEW, PRIOR TO THE EXPIRATION OF THE WARRANTY PERIOD.
- USE FERNCO "HULK" COUPLING OR EQUIVALENT WHEN CONNECTING NEW PIPES TO EXISTING PIPES, WHERE NEW STRUCTURES ARE INSTALLED, A 1.0m PVC PIPE SHALL BE STUBBED OUT OF THE STRUCTURE AND CONNECTED TO EXISTING PIPES WITH FERNCO "HULK" COUPLINGS.
- CONTRACTOR TO CONFIRM ALL INFRASTRUCTURE ELEVATIONS AND INFORMATION IN THE FIELD (TOP ELEVATIONS, INVERTS, PIPE SIZES AND MATERIALS) PRIOR TO THE SHOP DRAWING PROCESS.

NATURAL GAS NOTES:

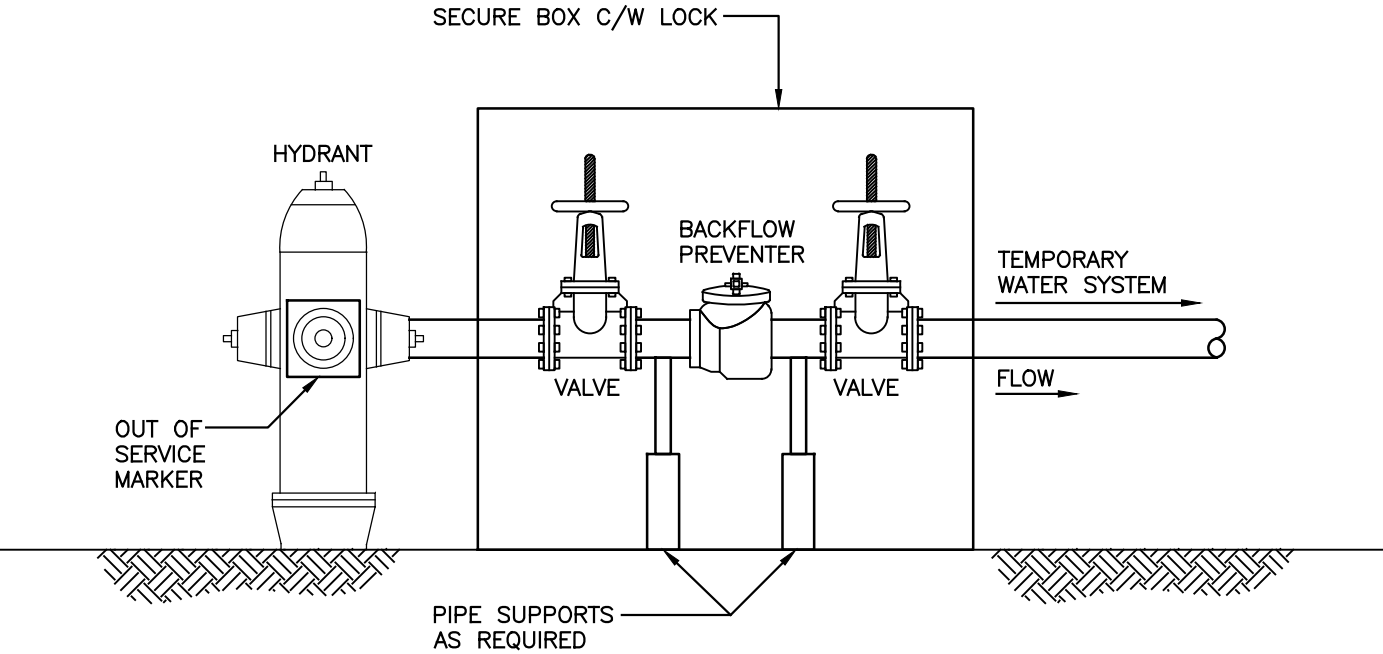
- BURIED GAS MAINS MAY BE PRESENT IN THE PROJECT AREA.
- CONTRACTOR SHALL ADHERE TO OCCUPATIONAL HEALTH AND SAFETY REGULATIONS FOR WORKING AROUND LIVE GAS MAINS. ALL LIVE GAS LINES MUST BE HAND EXCAVATED.
- MAXIMUM UNSUPPORTED SPAN OF GAS MAIN IS 3m. CONTRACTOR TO SUBMIT SUPPORT PLAN FOR ANY UNSUPPORTED SPAN IN EXCESS OF 3m.

CULVERT NOTES:

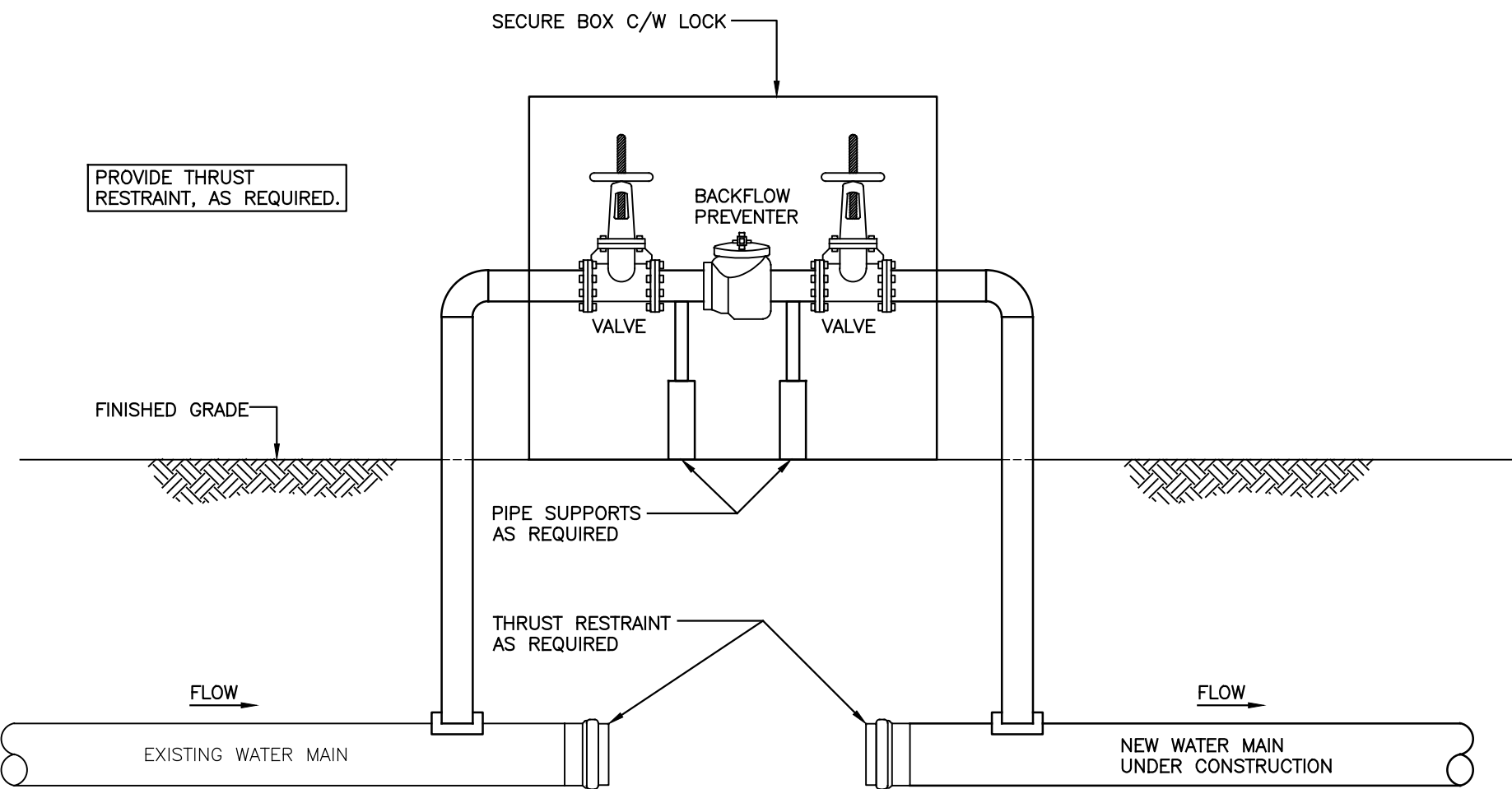
- CONTRACTOR TO SUBMIT A SPILL/RELEASE RESPONSE PLAN TO HALIFAX WATER FOR REVIEW, TWO WEEKS PRIOR TO START OF CONSTRUCTION. IN THE EVENT OF A SPILL, THE CONTRACTOR'S RESPONSE PLAN SHALL SATISFY ALL REQUIREMENTS OF THE RELEVANT FEDERAL AND PROVINCIAL AGENCIES (IE. ENVIRONMENTAL CLIMATE CHANGE CANADA, FISHERIES AND OCEANS CANADA, NOVA SCOTIA DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE, ETC.)
- CONTRACTOR TO SUBMIT AN ENVIRONMENTAL PROTECTION/BYPASS/ SEDIMENTATION AND EROSION CONTROL PLAN TWO WEEKS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR'S PLANS SHALL SATISFY ALL REQUIREMENTS OF THE RELEVANT FEDERAL AND PROVINCIAL AGENCIES (IE. ENVIRONMENTAL CLIMATE CHANGE CANADA, FISHERIES AND OCEANS CANADA, NOVA SCOTIA DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE, ETC.)
- SEDIMENTATION AND EROSION CONTROL MEASURES ARE SUBJECT TO CHANGE. ADDITIONAL MEASURES MAY BE REQUIRED, DEPENDING ON SITE CONDITIONS DURING CONSTRUCTION.
- ALL SEDIMENT CONTROL MEASURES TO BE OPERATIONAL OVER THE ENTIRE CONSTRUCTION PERIOD.
- FOR CULVERT HEADWALL DETAILS, SEE HWSO-1620 AND HWSO-1622.
- UNLESS OTHERWISE SPECIFIED, PROPOSED CULVERTS TO BE INSTALLED SUCH THAT INVERTS MATCH EXISTING, OR SUCH THAT POSITIVE DRAINAGE IS PROVIDED.
- AS A MINIMUM, INLET/OUTLET CULVERT HEADWALLS ARE TO BE INSTALLED WITH 10M RIP-RAP APRONS (150MM-200MM RIP-RAP; MINIMUM LAYER THICKNESS OF 300MM)

TEMPORARY WATER NOTES:

- CONTRACTOR TO DELIVER NOTICES TO AREA RESIDENTS ONE (1) WEEK IN ADVANCE OF START OF TEMPORARY WATER.
- CONTRACTOR TO SUBMIT TEMPORARY WATER PLAN TWO (2) WEEKS PRIOR TO START FOR APPROVAL BY HALIFAX WATER. THE PLAN WILL SHOW THE VALVE LOCATIONS AND FLUSHING PORT LOCATIONS, ALONG WITH THE DISCHARGE LOCATION FOR THE TEMPORARY WATER SYSTEM FLUSHING. THE CONTRACTOR MAY PROPOSE ALTERNATE ROUTING FOR CONSIDERATION BY HALIFAX WATER.
- WHERE THE TEMPORARY PIPE CROSSES DRIVEWAYS AND STREETS, SUITABLE RAMPING OR BURY MUST BE PROVIDED AND MAINTAINED BY THE CONTRACTOR.
- CONTRACTOR TO PROVIDE RAMPING TO MAINTAIN PEDESTRIAN TRAVEL AND ACCESS TO HOMES AND BUSINESSES, WHERE TEMPORARY WATER SYSTEMS ARE INSTALLED.
- CONTRACTOR MUST RECEIVE PERMISSION FROM THE PROPERTY OWNER TO WORK OR INSTALL TEMPORARY WATER MAIN ON PRIVATE PROPERTY.
- WHEN SETTING UP A TEMPORARY WATER SYSTEM, CONTRACTORS ARE RESPONSIBLE TO NOTIFY RESIDENTIAL AND COMMERCIAL CUSTOMERS AFFECTED BY WATER SERVICE DISRUPTIONS. RESIDENTIAL CUSTOMERS REQUIRE 48 HOURS NOTICE AND COMMERCIAL CUSTOMERS REQUIRE FIVE (5) BUSINESS DAYS NOTICE. HALIFAX WATER WILL PROVIDE THE CONTRACTOR WITH A STANDARD TEMPLATE FOR WATER DISRUPTION NOTICES. THE CONTRACTOR IS TO COMPLETE THIS NOTICE AND RETURN IT TO HALIFAX WATER FOR REVIEW, ONE WEEK BEFORE THE ANTICIPATED SHUTDOWN FOR RESIDENTIAL PROPERTIES, AND TEN (10) DAYS FOR COMMERCIAL PROPERTIES. NOTICES ARE NOT TO BE PROVIDED TO RESIDENTS UNLESS REVIEWED BY HALIFAX WATER.
- ANY TEMPORARY LINE WITH A DEAD END OR EXTREMITIES (IN A LOOPED SYSTEM) IS REQUIRED TO HAVE A DEDICATED PORT FOR FLUSHING.
- THE CONTRACTOR IS RESPONSIBLE TO PROTECT THE TEMPORARY WATER SYSTEM, INCLUDING THE TEMPORARY HYDRANT CONNECTION, AGAINST FREEZING.
- ALL SERVICES TO BE COMPLETE WITH CHECK VALVE AT THE CONNECTION TO THE TEMPORARY MAIN.
- ALL MATERIALS IN CONTACT WITH POTABLE WATER SHALL BE NSF/ANSI 61 COMPLIANT AND, IF BEING REUSED, SHALL HAVE BEEN USED EXCLUSIVELY FOR POTABLE WATER SERVICES IN THE PAST.
- THE CONTRACTOR IS TO MAINTAIN THE WATER QUALITY IN TEMPORARY WATER SYSTEMS VIA DAILY CONTINUOUS FLUSHING, AND THIS FLUSHING SHALL BE DIRECTED TO THE PROPER DISCHARGE POINT (IE. WASTEWATER MANHOLES OR COMBINED SYSTEMS MANHOLES). STORMWATER SYSTEMS AND STORMWATER CATCH BASINS ARE NOT PERMITTED TO BE UTILIZED AS DIRECT OR INDIRECT DISCHARGE POINTS FOR FLUSHING ACTIVITIES, AS THESE SYSTEMS DISCHARGE TO THE ENVIRONMENT. IF THERE ARE NO WASTEWATER / COMBINED SYSTEMS AVAILABLE, THEN CHLORINATED WATER WOULD HAVE TO BE NEUTRALIZED BEFORE DISCHARGE TO THE ENVIRONMENT, AS PER FEDERAL, PROVINCIAL AND HALIFAX WATER REGULATIONS.
- THE CONTRACTOR SHALL ENSURE THAT THE TEMPORARY WATER HYDRANT CONNECTION SHALL BE FITTED WITH A REDUCED PRESSURE PRINCIPLE (RP) BACKFLOW PREVENTION DEVICE (BFP). INSTALLED IN A SECURE, LOCKABLE ENCLOSURE, THE BACKFLOW PREVENTION DEVICE SHALL BE TESTED AND TAGGED BY A CERTIFIED BFP TECHNICIAN, AND THE CONTRACTOR IS TO ENSURE THAT TESTING DOCUMENTATION IS PROVIDED TO HALIFAX WATER. THE BFP IS TO BE RE-TESTED IN THE EVENT OF A WATER DISRUPTION ON THE TEMPORARY WATER SYSTEM, TO ENSURE IT IS FUNCTIONING PROPERLY.
- THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN THE TEMPORARY WATER SYSTEM IN THE EVENT OF BREAKS AND DISRUPTION. THERE SHALL BE AN ADDITIONAL THREE (3) LENGTHS OF TEMPORARY LINE INSTALLED AT THE END OF THE SYSTEM, WHICH CAN BE USED FOR REPAIRS. REPAIRS SHALL NOT BE DONE WITH PIPE THAT HAVE NOT BE PRE-CHLORINATED OR DISINFECTED. IF A FUSED PIPE IS USED, THE CONTRACTOR SHALL HAVE A STANDARD OPERATING PROCEDURE (SOP) IN PLACE FOR DISINFECTING THE REPAIR.
- EACH HOME/SERVICE SHALL BE CONNECTED SEPARATELY TO THE TEMPORARY WATER MAIN, TO MINIMIZE ISSUES WITH WATER SUPPLY FROM THE TEMPORARY SERVICE.



TEMPORARY WATER SOURCE CONNECTION DETAIL
N.T.S.



TEMPORARY WATER SOURCE CONNECTION
DETAIL FOR TESTING NEW WATER MAINS
N.T.S.

2	WATER NOTES -- NOTE 2 REVISED	MAY 25/26	KW	SS
1	GENERAL REVISION	JAN.15/26	KW	SS

No.	DESCRIPTION	DATE	BY	CHKD
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ENGINEERING DEPARTMENT

PROJECT	HALIFAX WATER STANDARD NOTES AND DETAILS FOR CAPITAL PROJECTS
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DRAWN	KW	SCALE (PLAN)
CHECKED	SS	SCALE (PROFILE)
APPROVED	GR	DATE
PROJECT No.		
DWG. No.		