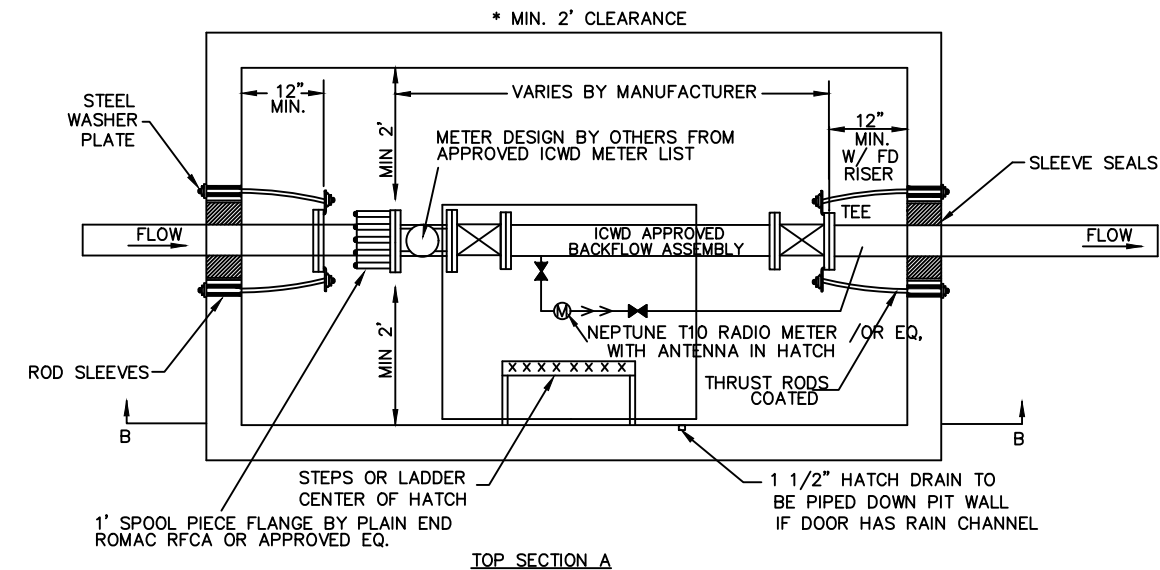
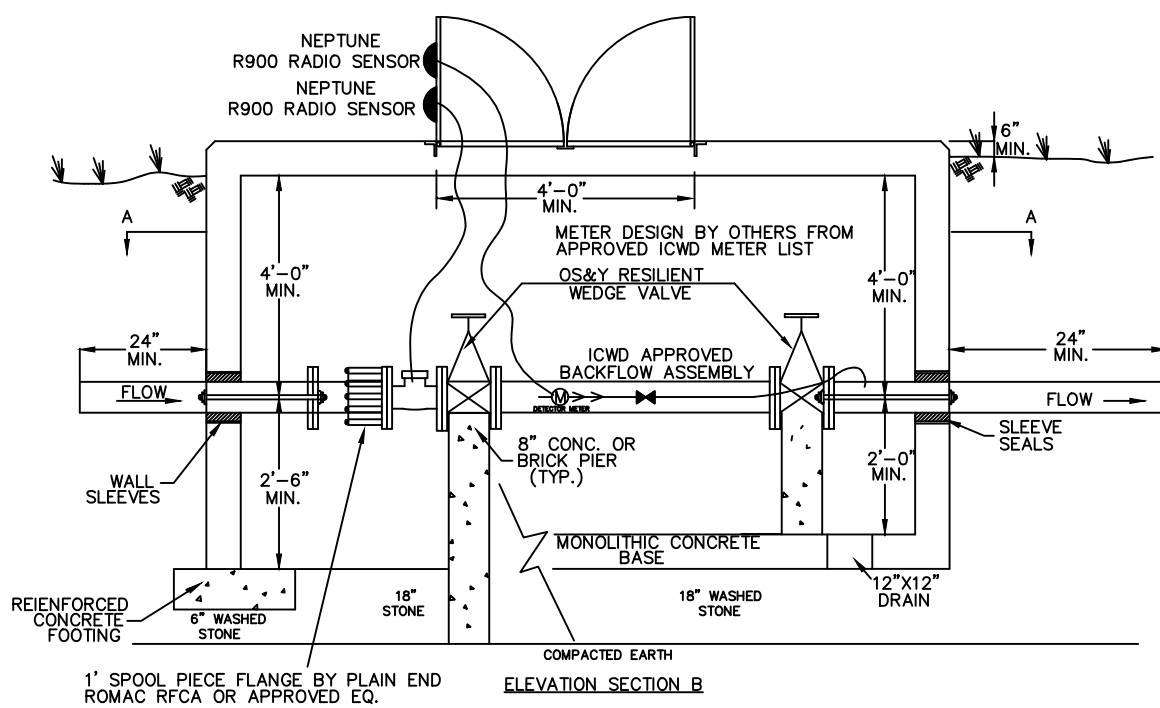




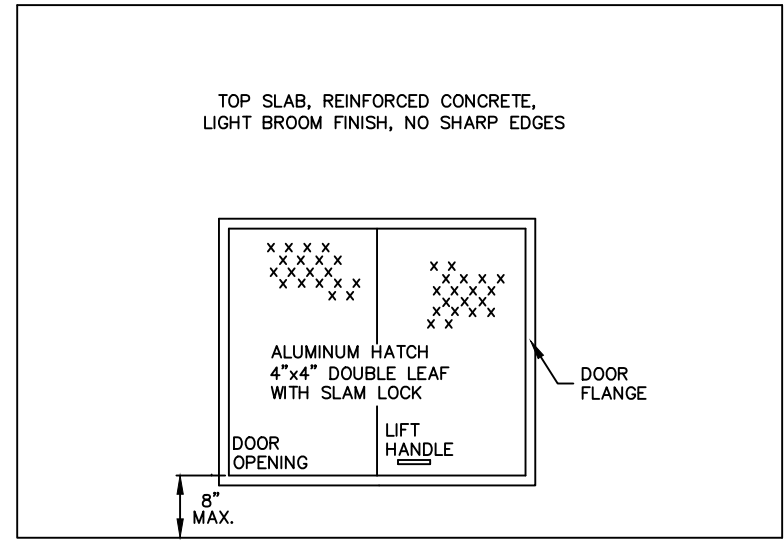
TOP SECTION A



ELEVATION SECTION B

FIRE PIT DETAIL
N.T.S.

ICWD APPROVED METERS
NEPTUNE MACH 10 ULTRASONIC METER
OCTAVE ULTRASONIC METER
SENSUS SOLID STATE OR APPROVED EQ.



PIT DETAIL GENERAL NOTES

- PIT SHALL BE IN NON-TRAFFIC AREA.
- PIT TO BE OUTSIDE THE ROAD RIGHT-OF-WAY COMPLETELY ON THE CUSTOMER'S PROPERTY. OWNER/ CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING RIGHT-OF-WAY.
- PIT OWNERSHIP/MAINTENANCE IS THE RESPONSIBILITY OF THE CUSTOMER/PROPERTY OWNER.
- IF PIT IS TO BE LOCATED IN A SLOPED AREA IT SHALL BE DESIGNED TO MAINTAIN MINIMUM DEPTH OF COVER ON INLET AND OUTLET PIPES. SLOPING GRADES AROUND THE PIT SHALL BE GRADED IN A MANNER TO PREVENT WATER AND DIRT FROM COVERING THE TOP OF THE PIT. LANDSCAPING AND STRUCTURES ON TOP OF PIT ARE PROHIBITED.
- PIT SHALL NOT BE LOCATED IN AN AREA SUBJECT TO GROUND WATER RUN-OFF, STORM DRAIN COLLECTION AND DISCHARGE, OR AREAS PRONE TO CONSTANT WATER INFILTRATION. CONTRACTOR SHALL PROVIDE NON-MECHANICAL MEANS OF WATER CONTROL IF POSSIBLE AND NECESSARY.
- ALL CONTRACTORS MUST INSTALL 18 INCHES OF CRUSHED STONE UNDERNEATH THE VAULT WITH A GRAVITY DRAIN. IF THIS CANNOT BE ACCOMPLISHED AN ELECTRIC SUMP PUMP MAY BE INSTALLED ONLY WITH THE ICWD INSPECTORS APPROVAL.
- PITS SHALL BE LOCATED OUTSIDE FENCED AREAS.
- ALL PITS SHALL BE LOCATED TO ALLOW ICWD PERSONNEL TO ENTER AND PERFORM ANY WORK OR MAINTENANCE RELATED RESPONSIBILITIES.
- ALL STRUCTURAL DESIGN SHALL BE COMPLETED BY OTHERS.
- SERVICE WILL NOT BE TURNED ON UNTIL INTERNAL PLANS ARE RECEIVED AND APPROVED, AN AGREEMENT IS EXECUTED BETWEEN THE CUSTOMER AND THE ICWD, AND THE PIT IS COMPLETED AND ACCEPTED BY THE ICWD OPERATIONS DEPARTMENT.

PIT PIPING NOTES

- ALL PIPE, VALVES AND FITTINGS ARE TO BE FLANGED, AMERICAN MADE, CONFORMING TO AWWA AND ICWD SPECIFICATIONS.
- BACKFLOW ASSEMBLY SHALL BE ON SCDHEC CURRENT APPROVED LIST. MINIMUM OF DOUBLE DETECTOR CHECK ASSEMBLY IS REQUIRED. AN ICWD APPROVED METER SHALL BE INSTALLED AS SHOWN. IN ADDITION, A DETECTOR CHECK METER (NEPTUNE T10 RADIO METER 8"x 3" OR EQUIVALENT) SHALL BE INSTALLED AS SHOWN. BOTH METERS SHALL HAVE RADIO ANTENNA CONNECTED TO THE VAULT HATCH.
- STANDARD GATE VALVES SHALL BE RESILIENT WEDGE OR SEAT WITH OS&Y, OPEN LEFT. THE #1 GATE VALVE SHALL HAVE A RESILIENT BALL VALVE TEST COCK.
- ALL RODS SHALL BE THREADED, ZINC COATED, AND HIGH TENSILE STRENGTH. RODS ARE TO BE STRAIGHT CONNECTED TO WALL WASHER PLATE ON EACH OUTSIDE WALL AND FIRST FLANGE INSIDE PIT. ROD CONNECTIONS INSIDE THE PIT SHALL BE INSTALLED WITH EYE BOLTS AT THE FLANGE OR OTHER ACCEPTABLE MEANS. WASHER PLATES AND RODS SHALL BE COATED WITH BITUMASTIC COATING. ALL RODS ARE TO BE 3/4 INCH MINIMUM.
- THE INLET VALVE MUST BE RODDED TO THE INLET SIDEWALL. A FLANGED COUPLING ADAPTER SHALL BE INSTALLED BETWEEN THE INLET VALVE AND DOWN STREAM VALVE.
- CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH ICWD STANDARD SPECS.
- ALL PIPE FROM ICWD MAIN THROUGH VAULT MUST BE DUCTILE IRON.
- 2" TEST PLUG FOR METER MUST BE INSTALLED IF NOT ON METER ASSEMBLY.

INMAN-CAMPOBELLO WATER DISTRICT

FIRE PIT DETAIL
WITH NO FD CONNECTION

DWG NO.	DRW BY: PHM	CHK BY: JAW	REV
SCALE: NONE	DATE: 8/6/24	SHEET	