municipality of cumberland

Contract No. T-MCC-2302

March 28, 2023

ADDENDUM #2

The following is an update of Contract No. T-MCC-2302

1. REPLACE Drawing Sheet 12 – Construction Notes and Details III with Drawing Sheet 12 – Construction Notes and Details III attached (Rev. 1, Issued for Addendum #2).

2. ADD the following technical performance specifications for the PRV Chamber electrical:
    a. Provide a new 30A, 120/240V single-phase electrical service to the chamber. Service shall come from nearest utility pole and be coordinated with Nova Scotia Power.
    b. Provide a weatherproof utility meter base mounted to a 200x200 pressure-treated wood post between PRV chamber and utility pole. Provide grounding grid for new service as directed by Nova Scotia Power.
    c. Provide 3#10 copper feeder in 27mm RPVC between utility pole mounted mast (with weatherhead), utility meter, and loadcentre. Provide expansion joints and conduit fasteners as required. Add #12B between meter base and loadcentre. Add spare 25mm RPVC conduit along entire run.
    d. Provide a 60A 120/240V single-phase combination loadcentre inside PRV chamber, in an accessible location with 1.0m clear footing in front. Loadcentre shall be complete with NEMA 4X cabinet, 30A main breaker, 6 x 15A-1P breakers (one for lights, one for receptacle, one for fan, one for controls, 2 spare) and one 15A-2P breaker (for heaters).
    e. Provide the following inside PRV chamber, all of which shall be wired to loadcentre:
        i. GFCI receptacle c/w weatherproof, while-in-use cover.
        ii. 2 x surface mounted, vapourproof LED strip lights (minimum 2000 lumens each) and weatherproof toggle switch. Toggle switch shall be positioned such that the lights can be easily turned on before fully entering chamber (i.e. near top of ladder).
        iii. 3 x 500W, 240V heaters, each c/w built-in thermostat.
        iv. Woods Aerofoil Exhaust Fan, or approved equivalent, installed in ventilation pipe.
    f. All wiring inside PRV chamber shall be run in RPVC, liquid-tight flex or TECK. All junction boxes and backboxes shall be RPVC.

municipality of cumberland

Contract No. T-MCC-2302

If required by the original solicitation, failure to acknowledge this addendum may result in the disqualification of the bid or proposal.

ALL OTHER SPECIFICATIONS, TERMS AND CONDITIONS REMAIN UNCHANGED.

Signed,

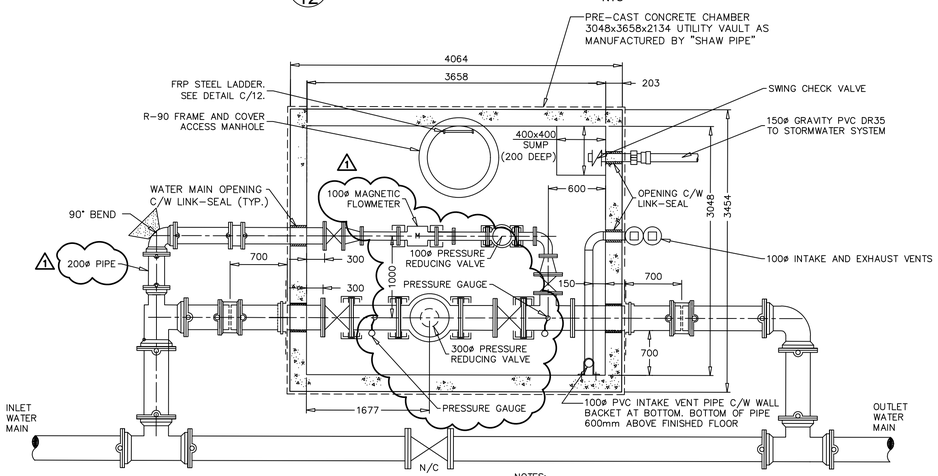
Justin Wagh-Cress, P.Eng.
Director of Public Works
Municipality of Cumberland

Attachments:

- Drawing Sheet 12 - Construction Notes and Details III (Rev. 1, Issued for Addendum #2)

A 12 PRV CHAMBER - PLAN

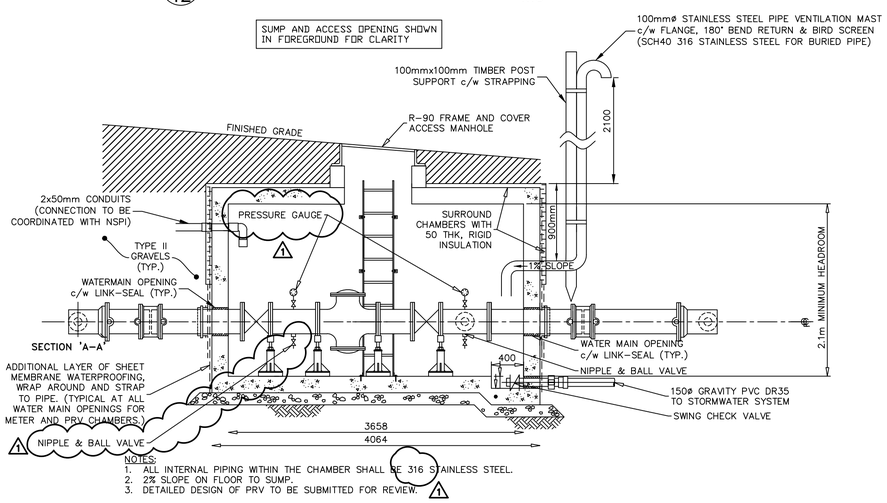
NTS



NOTES:
1. PRV BYPASS PIPING IS TYPICALLY INSTALLED IN THE STREET.
2. ALL INTERNAL PIPING WITHIN THE CHAMBER SHALL BE 316 STAINLESS STEEL.
3. DETAILED DESIGN OF PRV TO BE SUBMITTED FOR REVIEW. 1
4. N/C: NORMALLY CLOSED.

B 12 PRV CHAMBER - SECTION

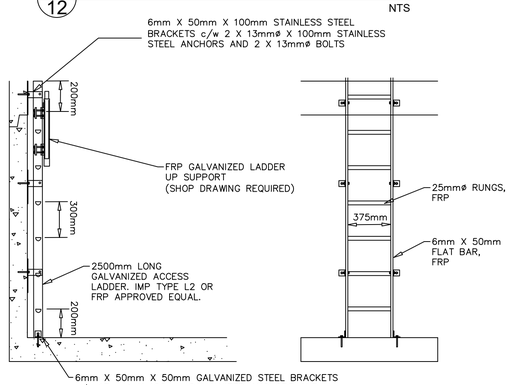
NTS



NOTES:
1. ALL INTERNAL PIPING WITHIN THE CHAMBER SHALL BE 316 STAINLESS STEEL.
2. 2% SLOPE ON FLOOR TO SUMP.
3. DETAILED DESIGN OF PRV TO BE SUBMITTED FOR REVIEW. 1

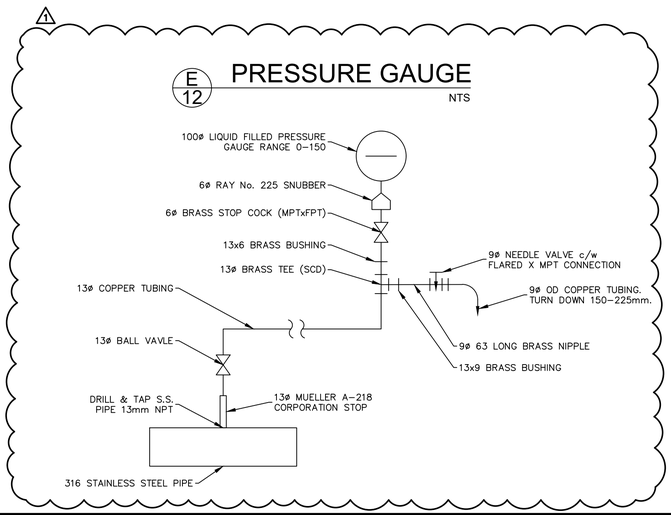
C 12 ACCESS LADDER DETAIL

NTS



E 12 PRESSURE GAUGE

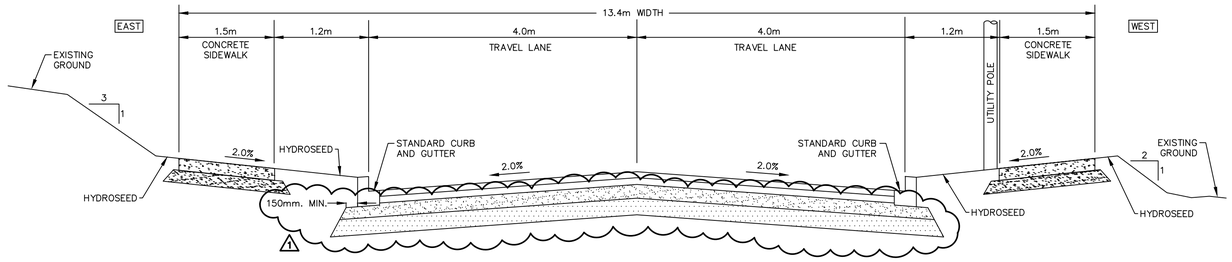
NTS



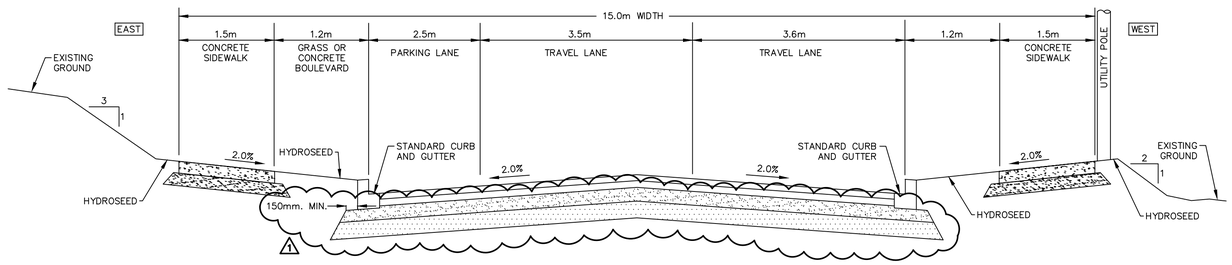
D 12 TYPICAL ROAD CROSS SECTIONS

NTS

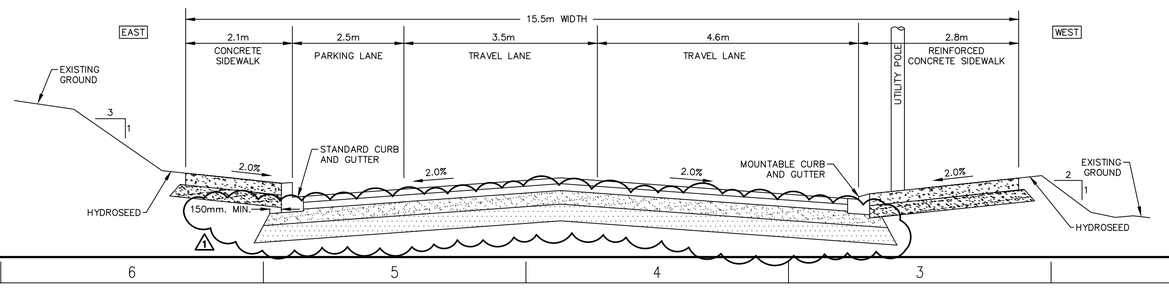
NORTH STREET TO MAPLE STREET



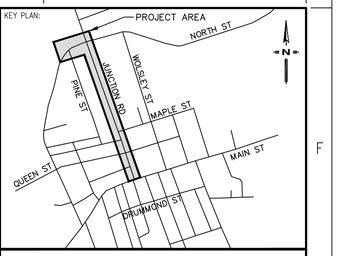
MAPLE STREET TO FIR STREET



FIR STREET TO MAIN STREET



KEY PLAN:



SEAL:

REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF NOVA SCOTIA
DATE 2023/03/28
A. G. MILLIGAN
9873

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REVISION:

NO.	DATE YYYY/MM/DD	DESCRIPTION
1	2023/03/28	ISSUED FOR ADDENDUM #2
0	2023/03/13	ISSUED FOR TENDER

PROJECT NUMBER: 211-11078	DATE: (YYYY/MM/DD) 2023/03/13
ORIGINAL SCALE: HORIZONTAL: N.T.S. VERTICAL: N/A	IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE. 25mm
DESIGNED BY: A. THIBAULT	DRAWN BY: A. THIBAULT
CHECKED BY: A. MILLIGAN	APPROVED BY: A. MILLIGAN

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Dartmouth, Nova Scotia, Canada B3B 1X7
T 902-835-9955 F 902-835-1645 www.wsp.com

CLIENT: municipality of cumberland

PROJECT:

SPRINGHILL – JUNCTION ROAD INFRASTRUCTURE UPGRADE

SPRINGHILL, NS

TITLE:

CONSTRUCTION NOTES AND DETAILS III

SHEET NUMBER: 12

SHEET # 12 OF 12

ISSUE: ISSUED FOR ADDENDUM #2 — REV # 1

DATE OF: 2023/03/28

XREFS: \\1-41-XREFS\211-11078-00_TTBL_JR.DWG

WSP REF. NO.: 211-11078 K:\DARTMOUTH\2021\211-11078-00_SPRINGHILL_INFRASTRUCTURE_UPGRADES\1-CAD\1.4-CIVIL\1.4.2-PRODUCTION_DWG\JUNCTION_ROAD\211-11078_DETAILS_JR.DWG

PRINTED: 11:43 AM 2023/03/28 BY: AARON.THIBAULT