

C03	ISSUED FOR ADDENDUM No. 001	AUG 31 2017
C02	ISSUED FOR TENDER	AUG 23 2017
revisions		date

project
**BEDFORD INSTITUTE
OF OCEANOGRAPHY
DARTMOUTH, NS**
project

drawing
SECOND ACCESS ROAD
design

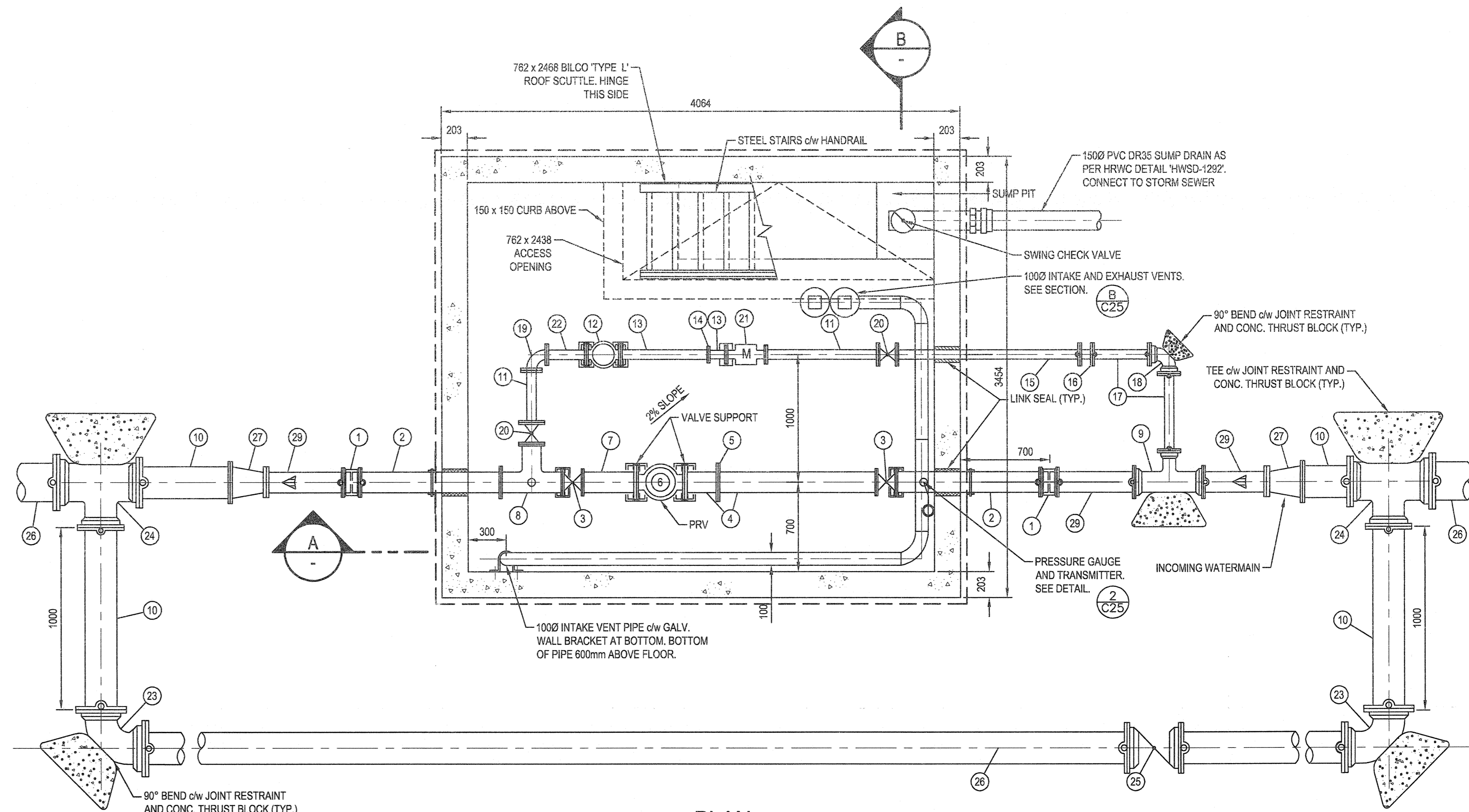
**PRV CHAMBER
PLAN AND SECTIONS**

designed	JG	conçu
date		
drawn	DPB	dessiné
date		
approved	ME	approuvé
date		
Tender	<i>[Signature]</i>	Submission
PWGSC Project Manager	Administrateur de projet TPRGC	
project number		no. du projet
	R.073592.001	
drawing no.		no. du dessin
	C24	

- GENERAL NOTES:**
- ALL WORK AND MATERIAL SHALL CONFORM TO THE SPECIFICATIONS OF THE HALIFAX WATER.
 - PRECAST CONCRETE CHAMBER IS TO BE DESIGNED FOR HIGHWAY LOADING.
 - ALL DISTURBED AREAS TO BE REINSTATED TO ORIGINAL CONDITION OR BETTER.
 - REFER TO SITE PLAN FOR ADDITIONAL GEODETIC ELEVATION INFORMATION.

- STAINLESS STEEL FABRICATION NOTES:**
- FOR FITTING NUMBER LOCATION REFER TO PIPING ARRANGEMENT IN PRV CHAMBER.
 - ALL PIPE AND FITTINGS FABRICATED FROM TYPE 316L OR 304 STAINLESS STEEL AND FROM METAL TO ASTM SPEC. A-240 AND DESIGNED TO WITHSTAND A WORKING PRESSURE OF 1030 kPa (150 psi)
 - ELBOWS - PRESTRESSED OR FABRICATED TYPE
 - TEES - FABRICATED
 - PIPE & FITTINGS - I.D. TYPE, MIN. 11 GAUGE FURNISHED WITH PRESSED OR ROLLED VAN STONE NECK FLANGES & GALV. MILD STEEL BACKING FLANGES OR PLAIN END FOR WELDING (SHOP OR FIELD)
 - FLANGES - FACED DRILLED IN ACCORDANCE WITH ANSI STANDARDS FOR FLANGES - B16.1 MAXIMUM WATER TEMPERATURE - 80° F
 - ALL FLANGE FITTING DIMENSIONS INCLUDE VAN STONE RINGS.

LIST OF FITTINGS		
No.	DESCRIPTION	PIPE DIA.
1	SOLID SLEEVE c/w SPACER RING & JOINT REST.	3000
2	D.I. MAKE UP PIPE (FLG-PE) LENGTH TO SUIT	3000
3	GATE VALVE INSIDE PRV (FLG.) OTHERS (M.J.)	3000
4	S.S. MAKE UP PIPE (FLG-VIC) LENGTH TO SUIT	3000
5	VICTAULIC COUPLING (STYLE 77)	3000
6	PRESSURE REDUCING VALVE (FLG.)	3000
7	S.S. MAKE UP PIPE (FLG.) LENGTH TO SUIT	3000
8	S.S. TEE (FLG.)	300x300x150
9	D.I. TEE (M.J.) & JOINT RESTRAINT	300x300x150
10	D.I. MAKE UP PIPE (PE-PE) LENGTH TO SUIT	4000
11	S.S. MAKE UP PIPE (FLG-FLG) LENGTH TO SUIT	1500
12	PRESSURE REDUCING VALVE (FLG.)	1500
13	S.S. MAKE UP PIPE (FLG-VIC) LENGTH TO SUIT	1500
14	VICTAULIC COUPLING (STYLE 77)	1500
15	D.I. MAKE UP PIPE (FLG-PE) LENGTH TO SUIT	1500
16	SOLID SLEEVE c/w SPACER RING & JOINT REST.	1500
17	D.I. MAKE UP PIPE (PE-PE) LENGTH TO SUIT	1500
18	90° D.I. BEND (M.J.) & JOINT RESTRAINT	1500
19	S.S. 90° BEND (FLG.)	1500
20	GATE VALVE (FLG.)	1500
21	FLOW MAGMETER	1500
22	S.S. MAKE UP PIPE (FLG-FLG) LENGTH TO SUIT	1500
23	90° D.I. BEND (M.J.) & JOINT RESTRAINT	4000
24	D.I. TEE (M.J.) & JOINT RESTRAINT	400x400x400
25	BUTTERFLY VALVE (M.J.)	4000
26	D.I. PIPE (JOINTS AND LENGTHS TO SUIT)	4000
27	D.I. REDUCER (M.J.) & JOINT RESTRAINT	400 x 3000
28	DRESSER COUPLINGS AND FLANGE COUPLINGS	AS REQUIRED
29	D.I. MAKE UP PIPE (PE-PE) LENGTH TO SUIT	3000

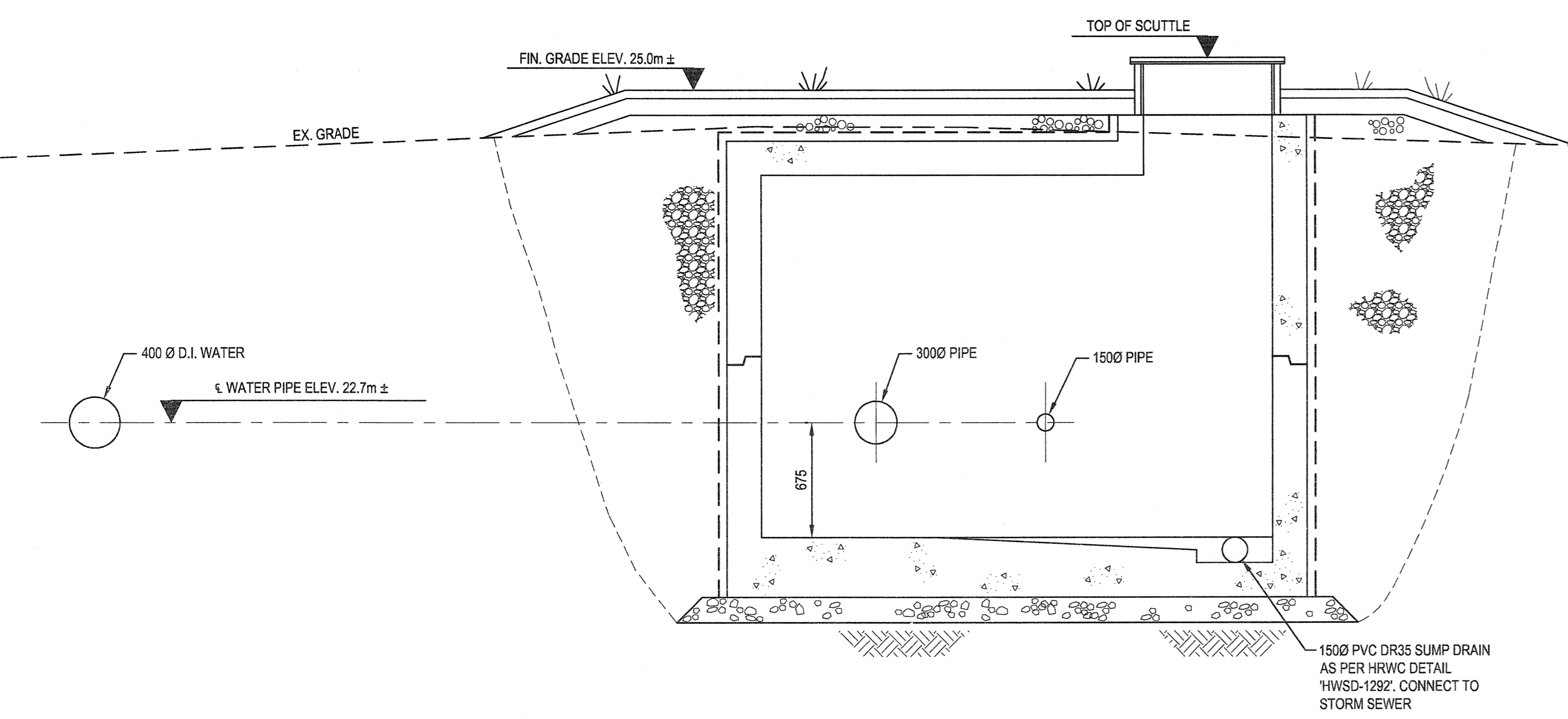


PLAN

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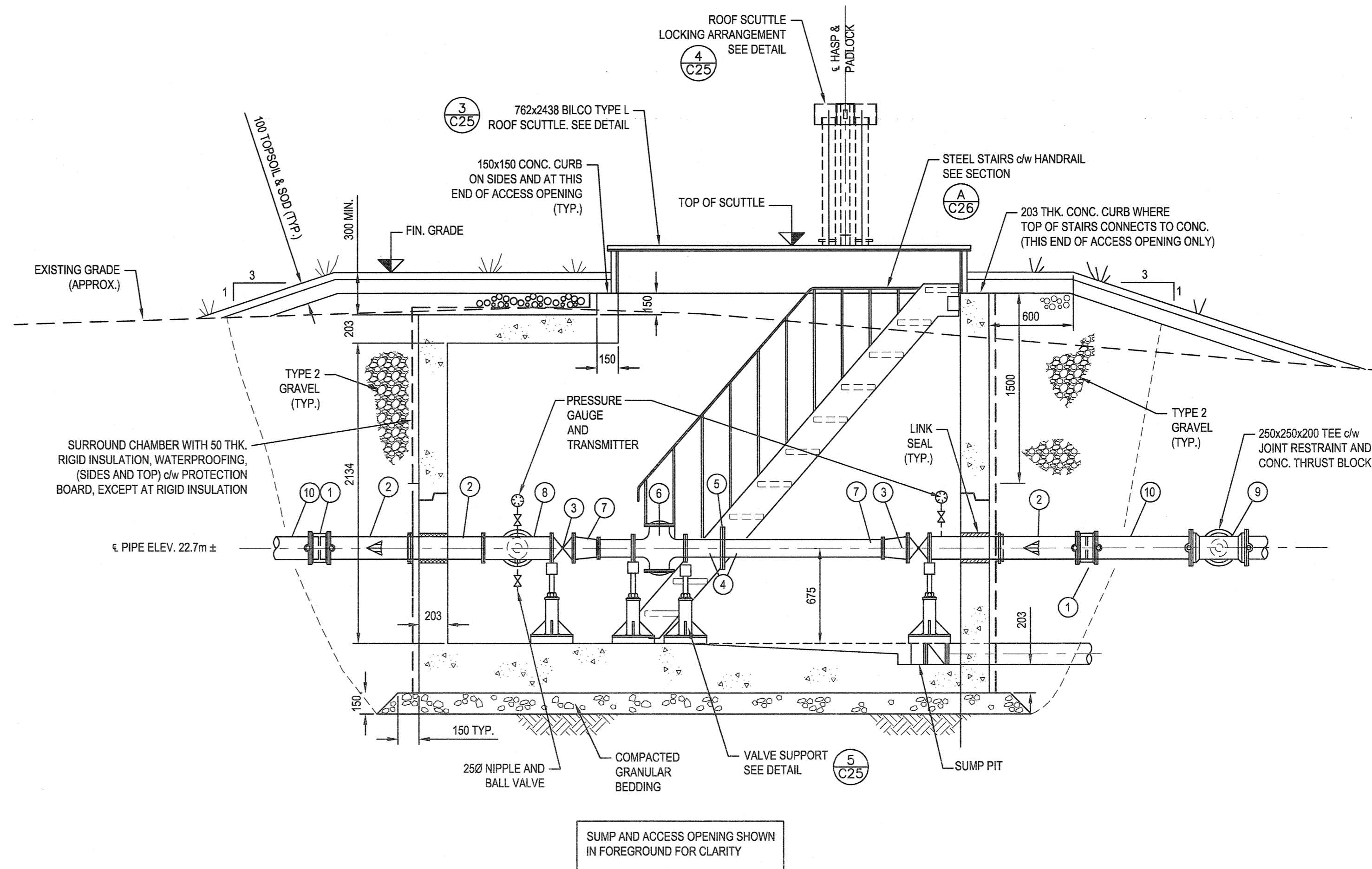
THRUST BLOCKS ARE TO BE IN ACCORDANCE WITH HALIFAX WATER DESIGN AND CONSTRUCTION SPECIFICATION DRAWINGS NOS. 1070, 1080 AND 1090

REFER TO ELECTRICAL DRAWINGS FOR EQUIPMENT LAYOUT.



SECTION

SCALE : N.T.S.



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