

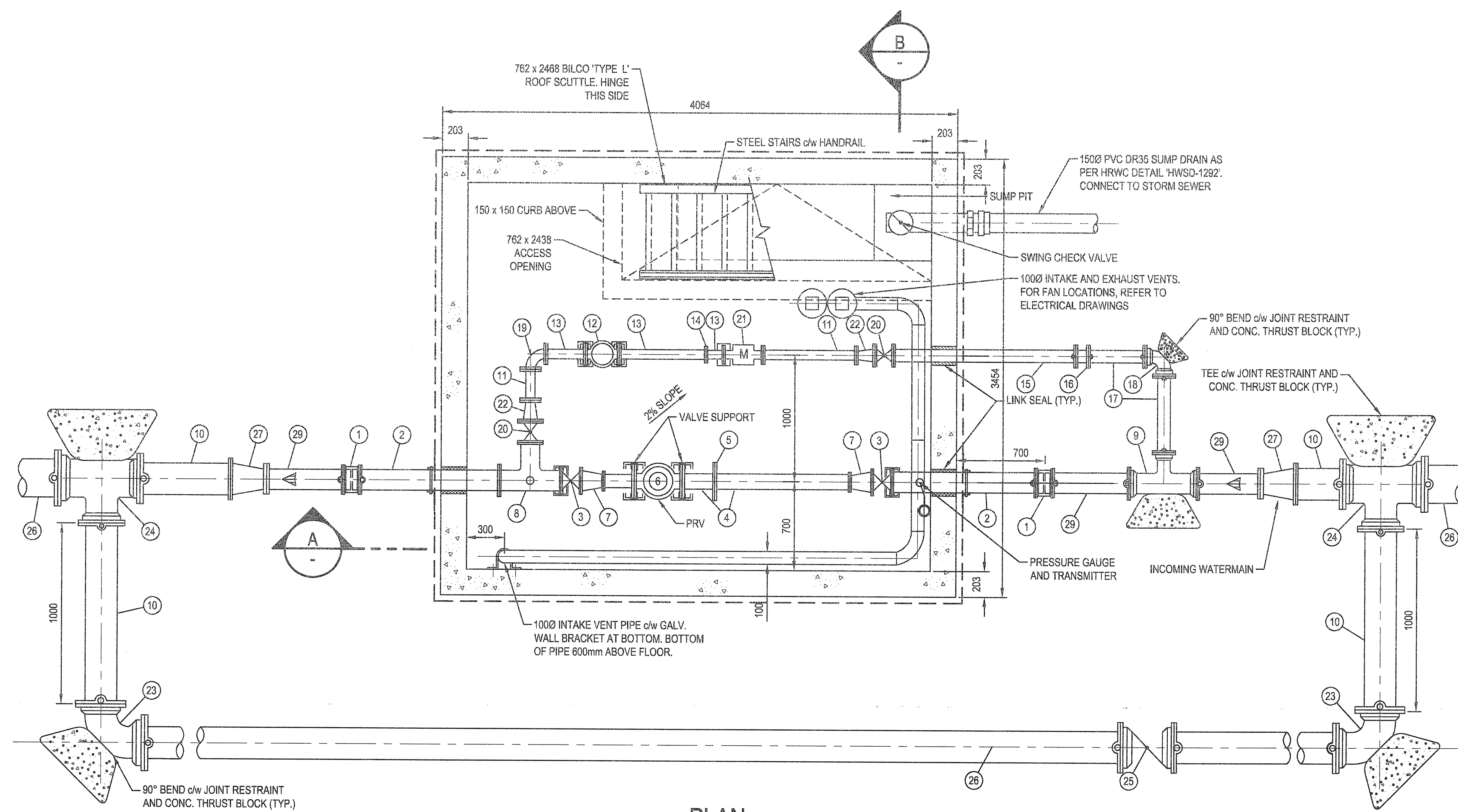
GENERAL NOTES:

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

STAINLESS STEEL FABRICATION NOTES:

1. FOR FITTING NUMBER LOCATION REFER TO PIPING ARRANGEMENT IN PRV CHAMBER.
2. 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 - PRESSED 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
3. ALL FLANGE FITTING DIMENSIONS INCLUDE VAN STONE RINGS.

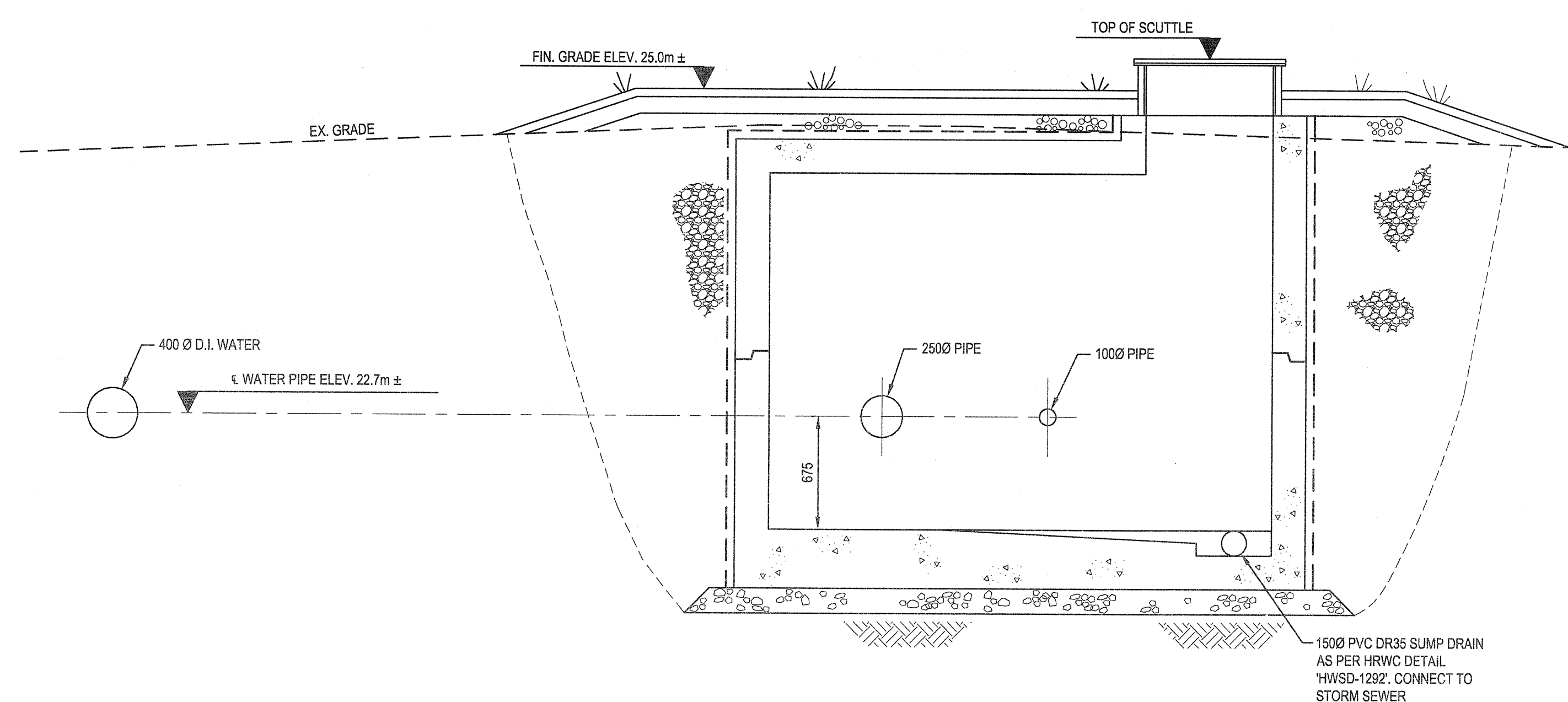
LIST OF FITTINGS		
No.	DESCRIPTION	PIPE DIA.
1	SOLID SLEEVE c/w SPACER RING & JOINT REST.	2300
2	D.I. MAKE UP PIPE (FLG-PE) LENGTH TO SUIT	2500
3	GATE VALVE INSIDE PRV (FLG.) OTHERS (M.J.)	2000
4	S.S. MAKE UP PIPE (FLG-VIC) LENGTH TO SUIT	2000
5	VICTAULIC COUPLING (STYLE 77)	2000
6	PRESSURE REDUCING VALVE (FLG.)	2000
7	S.S. REDUCER (FLG-FLG)	250x2000
8	S.S. TEE (FLG.)	250x250x100
9	D.I. TEE (M.J.) & JOINT RESTRAINT	250x250x100
10	D.I. MAKE UP PIPE (PE-PE) LENGTH TO SUIT	4000
11	S.S. MAKE UP PIPE (FLG-FLG) LENGTH TO SUIT	750
12	PRESSURE REDUCING VALVE (FLG.)	750
13	S.S. MAKE UP PIPE (FLG-VIC) LENGTH TO SUIT	750
14	VICTAULIC COUPLING (STYLE 77)	750
15	D.I. MAKE UP PIPE (FLG-PE) LENGTH TO SUIT	1000
16	SOLID SLEEVE c/w SPACER RING & JOINT REST.	1000
17	D.I. MAKE UP PIPE (PE-PE) LENGTH TO SUIT	1000
18	90° D.I. BEND (M.J.) & JOINT RESTRAINT	1000
19	S.S. 30° BEND (FLG-PE)	750
20	GATE VALVE (FLG.)	1000
21	FLOW MAGMETER	750
22	S.S. REDUCER (FLG-FLG)	100x750
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	REDUCERS	400 x 2500
28	DRESSER COUPLINGS AND FLANGE COUPLINGS	AS REQUIRED
29	D.I. MAKE UP PIPE (PE-PE) LENGTH TO SUIT	2500



PLAN

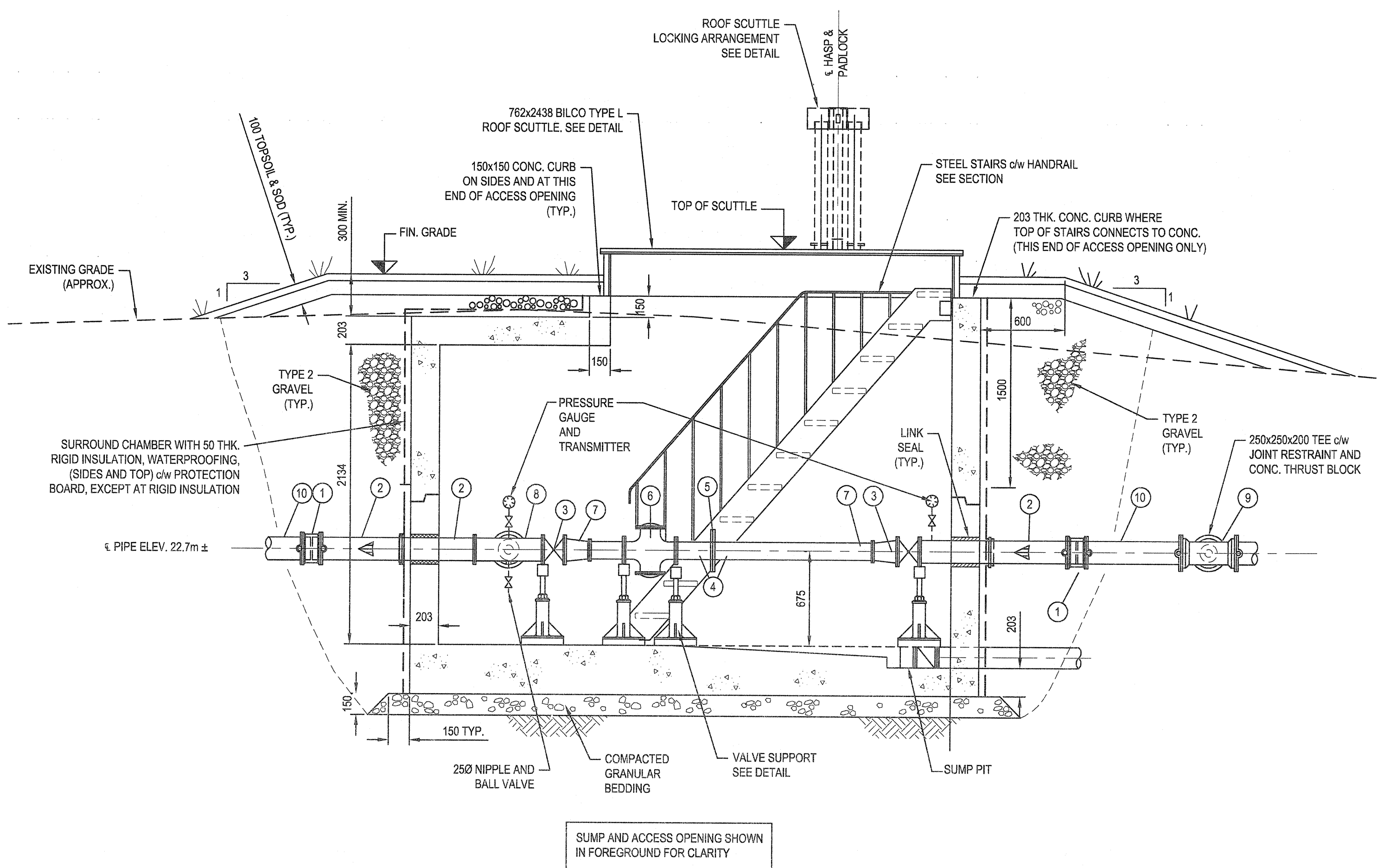
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THRUST BLOCKS ARE TO BE IN ACCORDANCE WITH HALIFAX WATER DESIGN AND CONSTRUCTION SPECIFICATION DRAWINGS NOS. 1070, 1080 AND 1090



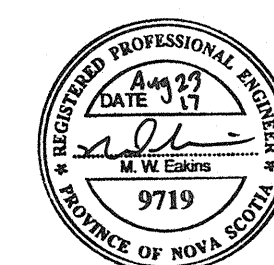
SECTION

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C02 ISSUED FOR TENDER AUG 23 2017

project
BEDFORD INSTITUTE OF OCEANOGRAPHY
DARTMOUTH, NS
SECOND ACCESS ROAD

drawing
PRV CHAMBER
PLAN AND SECTIONS

designed JG
date
drawn DPB
date
approved ME
date
Tender
PWOSC Project Manager
project number
R.073592.001
drawing no.
C24