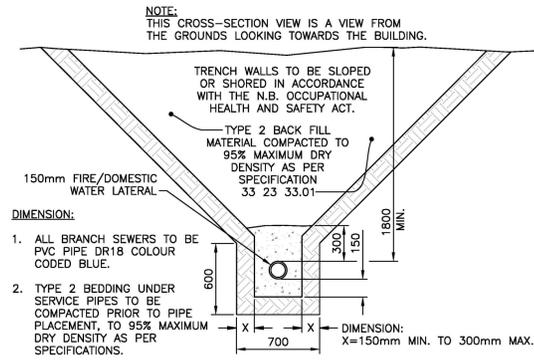
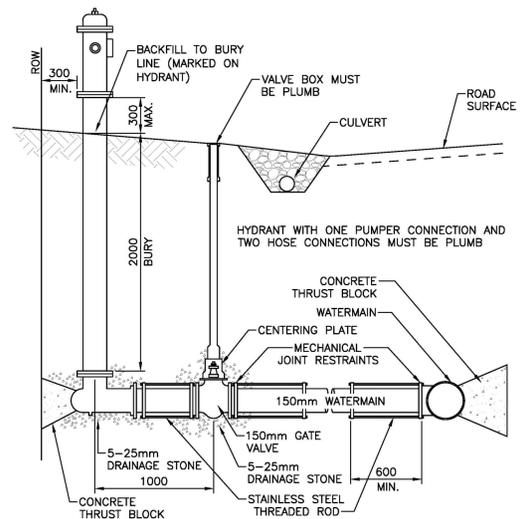


**HATCH**  
 1809 BARRINGTON STREET, SUITE 1009  
 HALIFAX, NOVA SCOTIA B3J3K8  
 TEL: (902) 420-1065  
 HATCH PROJECT # H352258



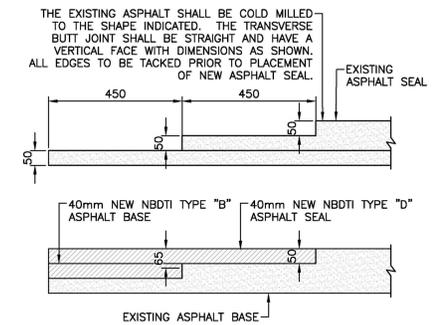
**TYPICAL TRENCH WATER SERVICE DETAIL 1**  
 SCALE : 1:25  
 002/004



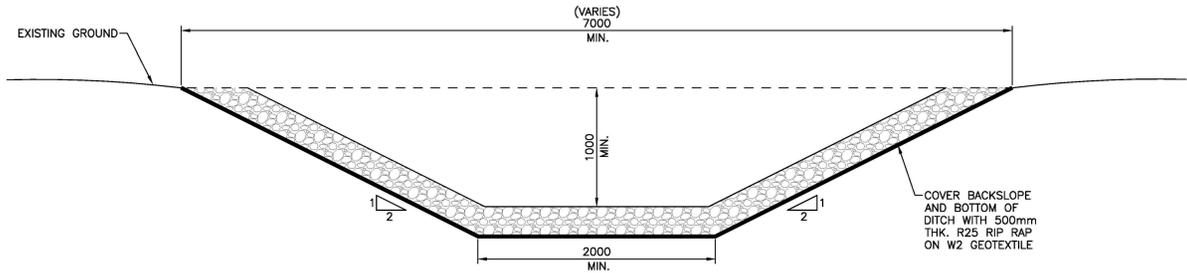
NOTES:

- BOTH ENDS OF CULVERT REQUIRE R5 RIP RAP AND N2 GEOTEXTILE.
- ALL SURFACES WITHIN 2m OF HYDRANT MUST BE STABILIZED USING GRASS, CLEAR STONE, ARMOUR STONE, OR ASPHALT.
- FINISHED GRADE AT HYDRANT MUST BE AT THE SAME ELEVATION AS THE ROAD SHOULDER ±0.5m OR AS APPROVED BY THE ENGINEER.
- HYDRANT TO BE REPAINTED AFTER INSTALLATION: TOP AND CAP TO BE RED, BODY AND FLANGES TO BE RED, NOZZLE NOT TO BE PAINTED AND THE BARREL TO BE PAINTED BLACK.
- HYDRANT AND VALVE TO BE TIED-BACK TO WATERMAIN WITH STAINLESS STEEL THREADED RODS. MECHANICAL JOINT RESTRAINTS ARE ACCEPTABLE TO REDUCE EXCESS LENGTH OF THREADED ROD.

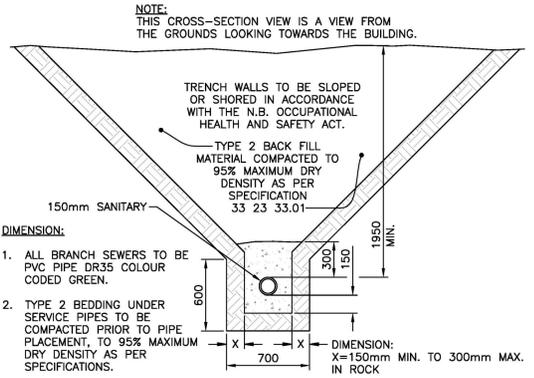
**TYPICAL FIRE HYDRANT DETAIL 2**  
 SCALE : 1:25  
 002/004



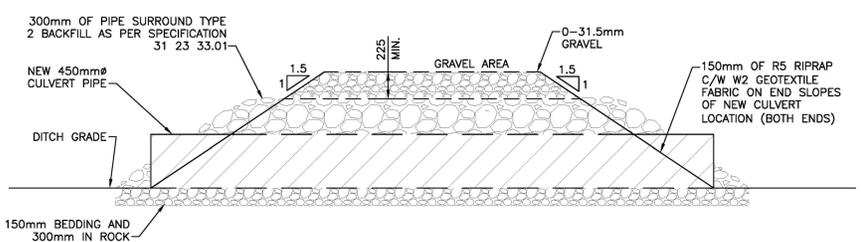
**ASPHALT BUTT JOINT DETAIL 3**  
 SCALE : 1:10  
 002/004



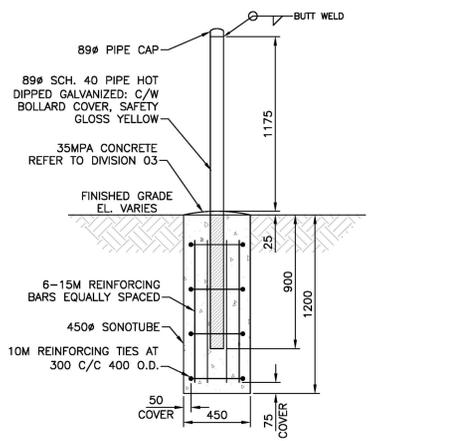
**TYPICAL DITCH DETAIL 4**  
 SCALE : 1:25  
 002/004



**TYPICAL TRENCH SANITARY SERVICE DETAIL 5**  
 SCALE : 1:25  
 002/004



**TYPICAL CULVERT DETAIL 6**  
 SCALE : 1:25  
 002/004



**TYPICAL BOLLARD DETAIL 7**  
 SCALE : 1:20  
 002/004



revisions	date
0	ISSUED FOR TENDER 03/02/2018
F	ISSUED FOR 99% REVIEW 01/09/2018
E	ISSUED FOR 66% REVIEW 10/23/2017
D	ISSUED FOR 66% REVIEW 01/27/2017
C	ISSUED FOR 33% REVIEW 12/08/2016
B	CIVIL DESIGN BRIEF 11/04/2016
A	PREDESIGN REPORT 08/17/2016

project **COMPOUND MAINTENANCE FACILITY FUNDY NATIONAL PARK NEW BRUNSWICK ALBERT COUNTY** project

drawing **CIVIL DETAIL SHEET** design

designed	B.COLPITTS	conçu
date	08/16/17	
drawn	A.SCOTT	dessiné
date	03/05/18	
approved	B. COLPITTS	approuvé
date	11/04/16	
Tender		Soumission
PWSC Project Manager	Administrateur de projets TPSGC	
project number	R.075814.001	no. du projet
drawing no.	C-004	no. du dessin