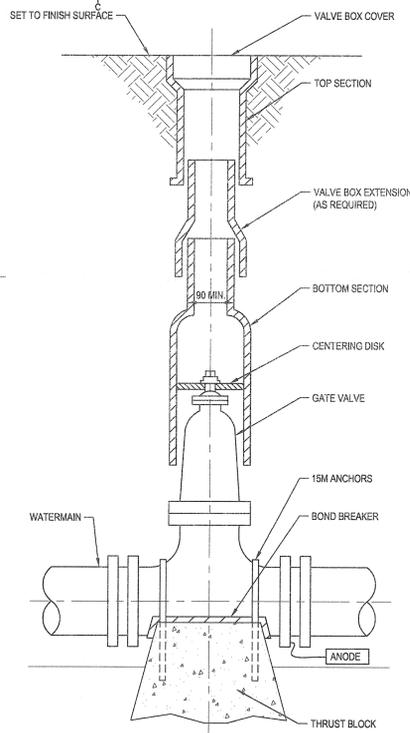
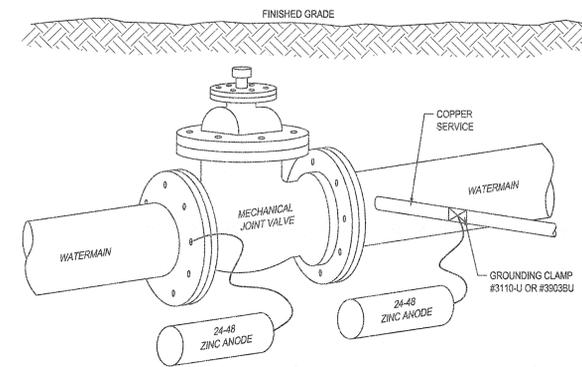


**TRENCH DETAILS (TYP.)** 1 C11  
SCALE : N.T.S.

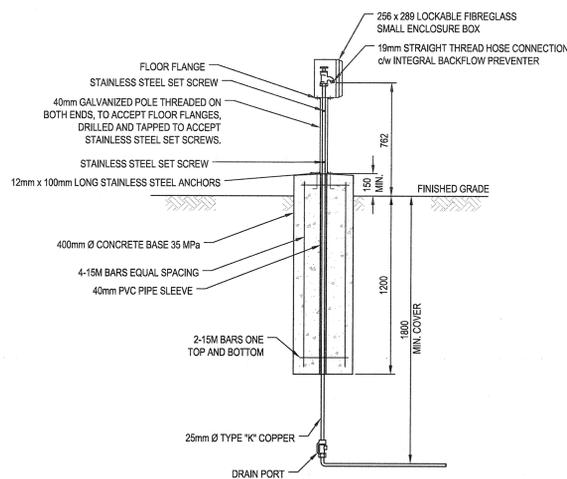


**GATE VALVE AND VALVE BOX** 2 C11  
SCALE : N.T.S.

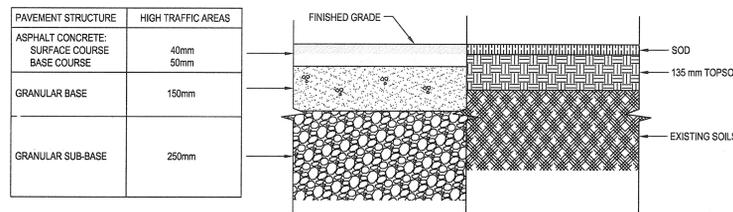


- NOTES:
- SEPARATE ANODE AND VALVE / SERVICE USING 50mm THICK RIGID INSULATION IF ANODE IS INSTALLED WITHIN 600mm OF VALVE / SERVICE.
  - WRAP ANODE WIRE AROUND A BOLT SEVERAL TIMES AND WRAP WITH NEOPRENE TAPE WHEN ANODES ARE ATTACHED TO MECHANICAL JOINT VALVES. SECURE WIRE TO BOLT BY USING A SECOND NUT.
  - IF ANODE WIRE CANNOT BE ATTACHED AS INDICATED, ANODE WIRE MUST BE ATTACHED TO VALVE WITH SLU-70 WIRE CONNECTOR OR CADWELD. APPLY BITUMINOUS COATING TO SLU-70 WIRE CONNECTOR OR CADWELD.
  - GROUNDING CLAMP TO BE #3110-U FOR 19-25mm DIAMETER SERVICES OR #3903BU FOR 32-50mm DIAMETER SERVICES.

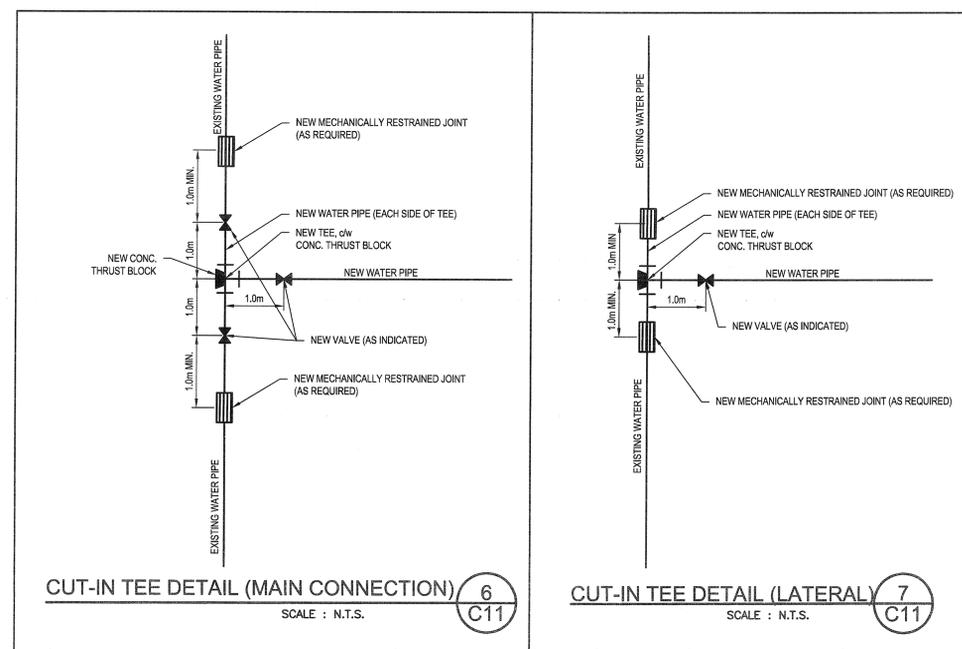
**ZINC NODE INSTALLATION (TYP.)** 3 C11  
SCALE : N.T.S.



**FROST-FREE YARD HYDRANT** 4 C11  
SCALE : 1:20

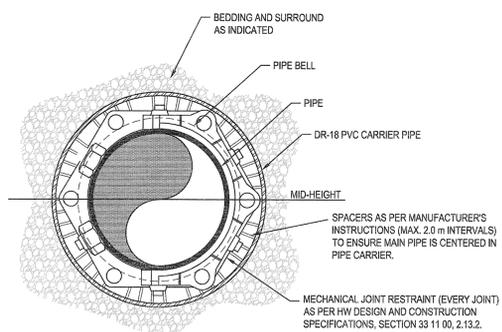


**PAVEMENT / LANDSCAPE REINSTATEMENT** 5 C11  
SCALE : N.T.S.

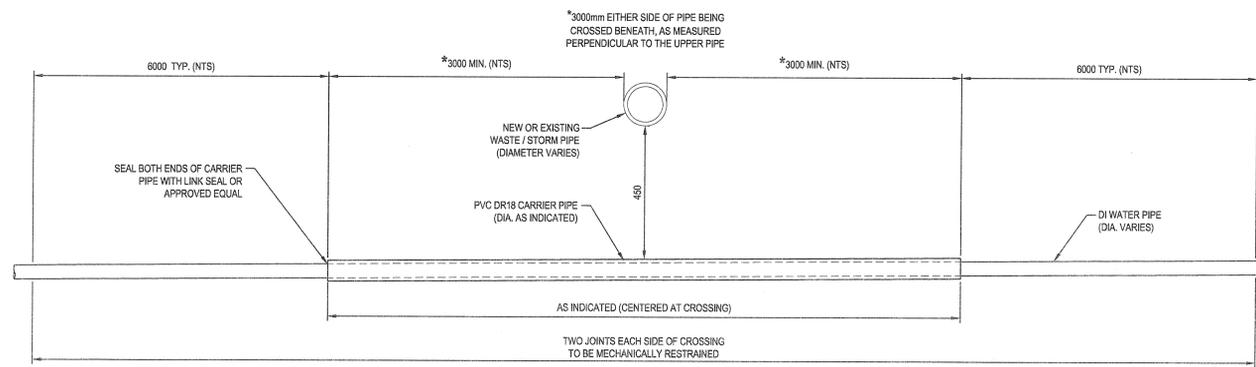


**CUT-IN TEE DETAIL (MAIN CONNECTION)** 6 C11  
SCALE : N.T.S.

**CUT-IN TEE DETAIL (LATERAL)** 7 C11  
SCALE : N.T.S.



**CARRIER PIPE DETAIL** 8 C11  
SCALE : N.T.S.



**WATER MAIN UNDERCROSSING CARRIER PIPE INSTALLATION DETAIL (TYP.)** 9 C11  
SCALE : N.T.S.



CO1	ISSUED FOR TENDER	DATE	JUL 24 2017
revisions		date	

project  
**BEDFORD INSTITUTE OF OCEANOGRAPHY WATER UPGRADES DARTMOUTH, NOVA SCOTIA**

drawing design

**DETAILS**

designed	STAFF	conçu
date		
drawn	STAFF	dessiné
date		
approved		approuvé
date		
Tender	Submission	
PWOSC Project Manager	Administrateur de projets TPSC	
project number	no. du projet	
	<b>R.0812155.001</b>	
drawing no.	no. du dessin	
	<b>C11</b>	