
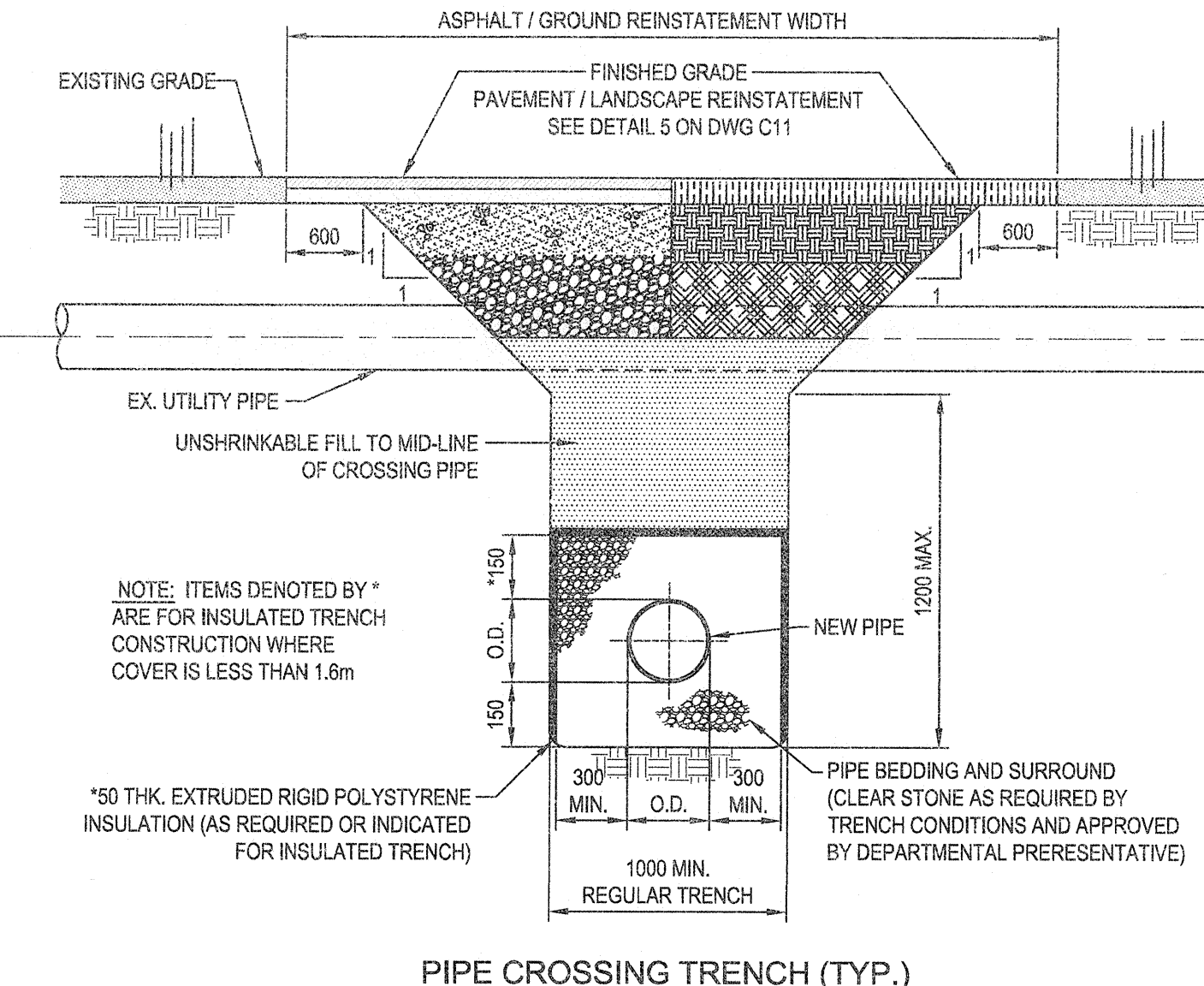
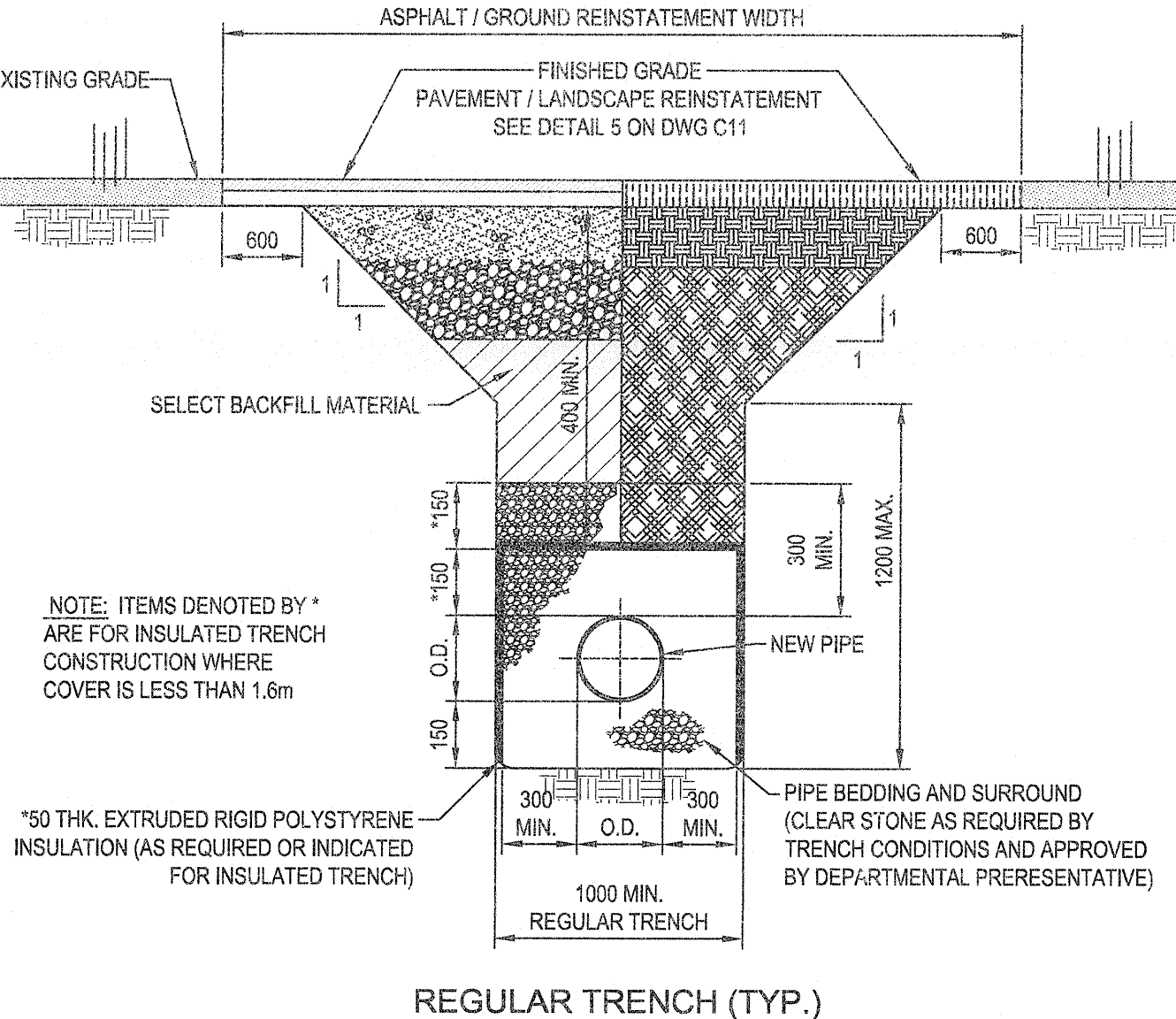


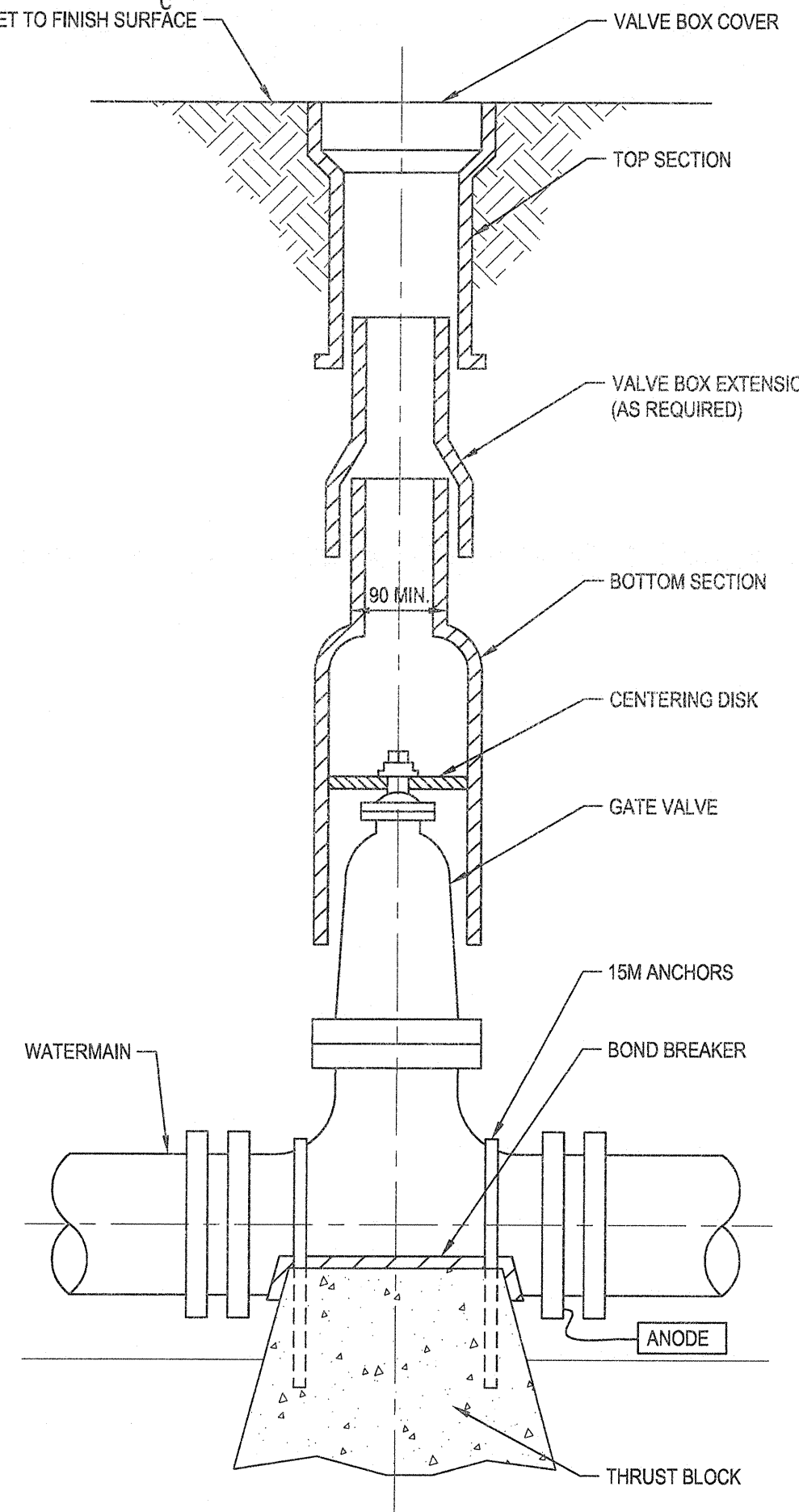
C01	ISSUED FOR TENDER	DATE 2017
revisions		date

project
BEDFORD INSTITUTE OF OCEANOGRAPHY WATER UPGRADES DARTMOUTH, NOVA SCOTIA

drawing	dessin	
DETAILS		
designed	STAFF	conçu
date	----	
drawn	STAFF	dessiné
date	----	
approved		approuvé
date		
Tender		Submission
PWCSO Project Manager	Administrateur de projets	TPSC
project number		no. du projet
R.0812155.001		
drawing no.		no. du dessin
C11		

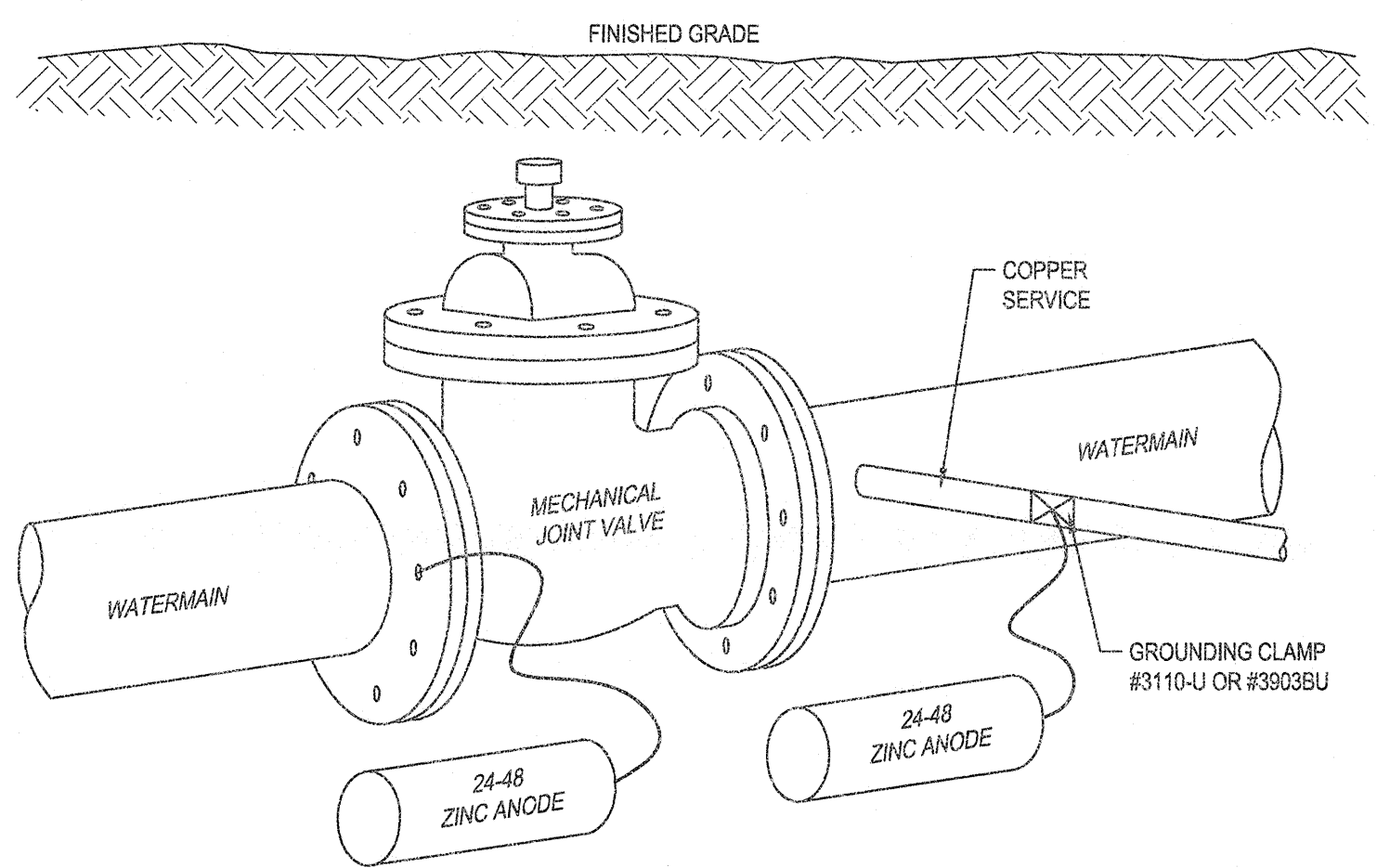


TRENCH DETAILS (TYP.)
SCALE : N.T.S.
1 C11



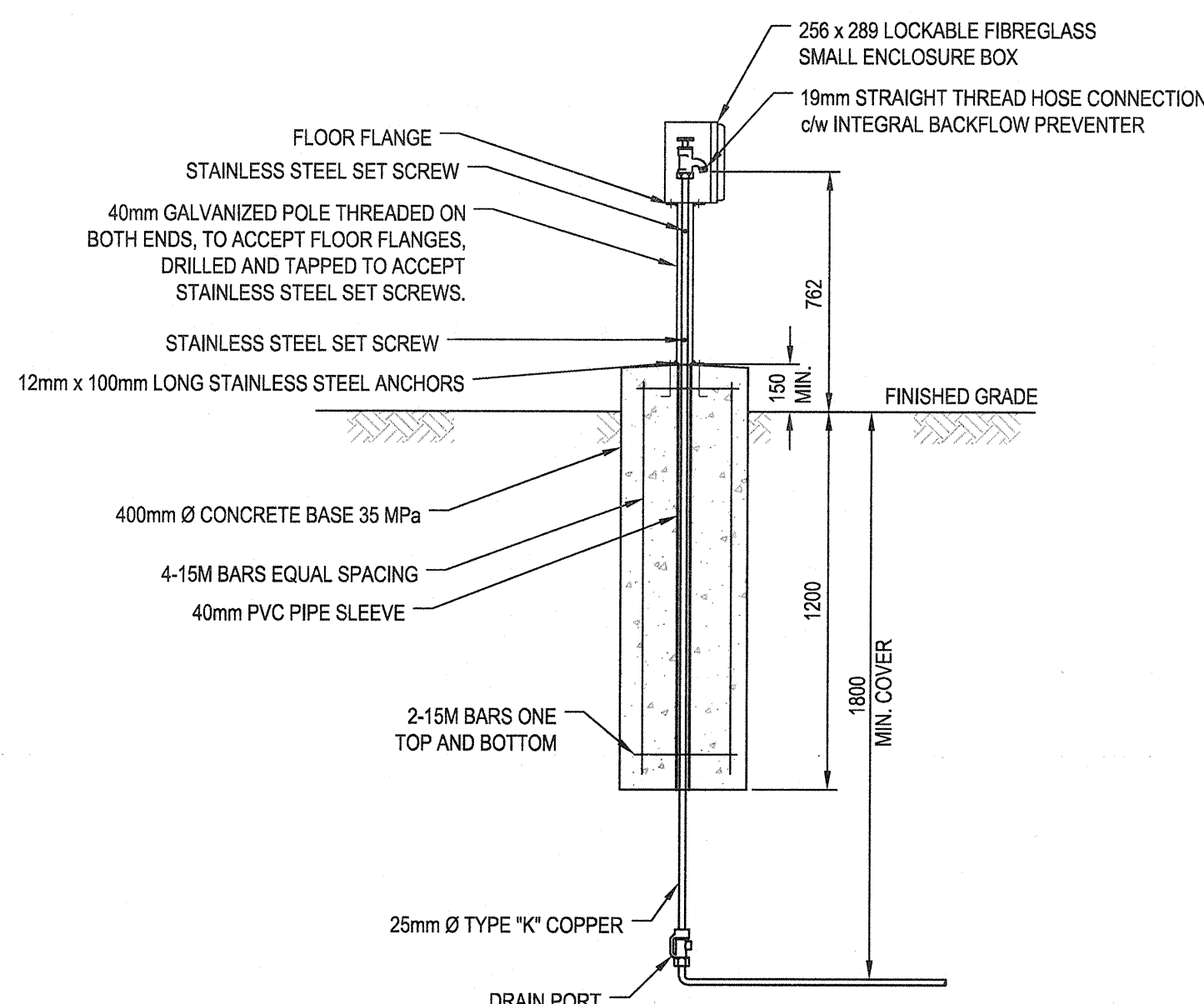
NOTE: THRUST ANCHOR ONLY REQUIRED FOR POLYETHYLENE AND PVC PIPE GREATER THAN 150 mm.

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



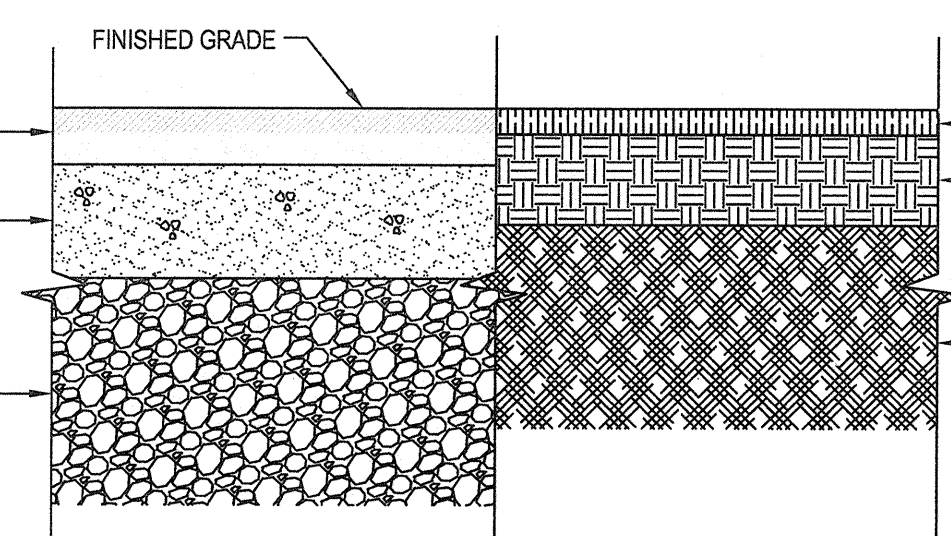
- NOTES:
- SEPARATE ANODE AND VALVE / SERVICE USING 50mm THICK RIGID INSULATION IF ANODE IS INSTALLED WITHIN 600mm OF VALVE / SERVICE.
 - WRAP ANODE WIRE AROUND A BOLT SEVERAL TIMES AND WRAP WITH NEOPRENE TAPE WHEN ANODES ARE ATTACHED TO MECHANICAL JOINT VALVES. SECURE WIRE TO BOLT BY USING A SECOND 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.)
SCALE : N.T.S.
3 C11

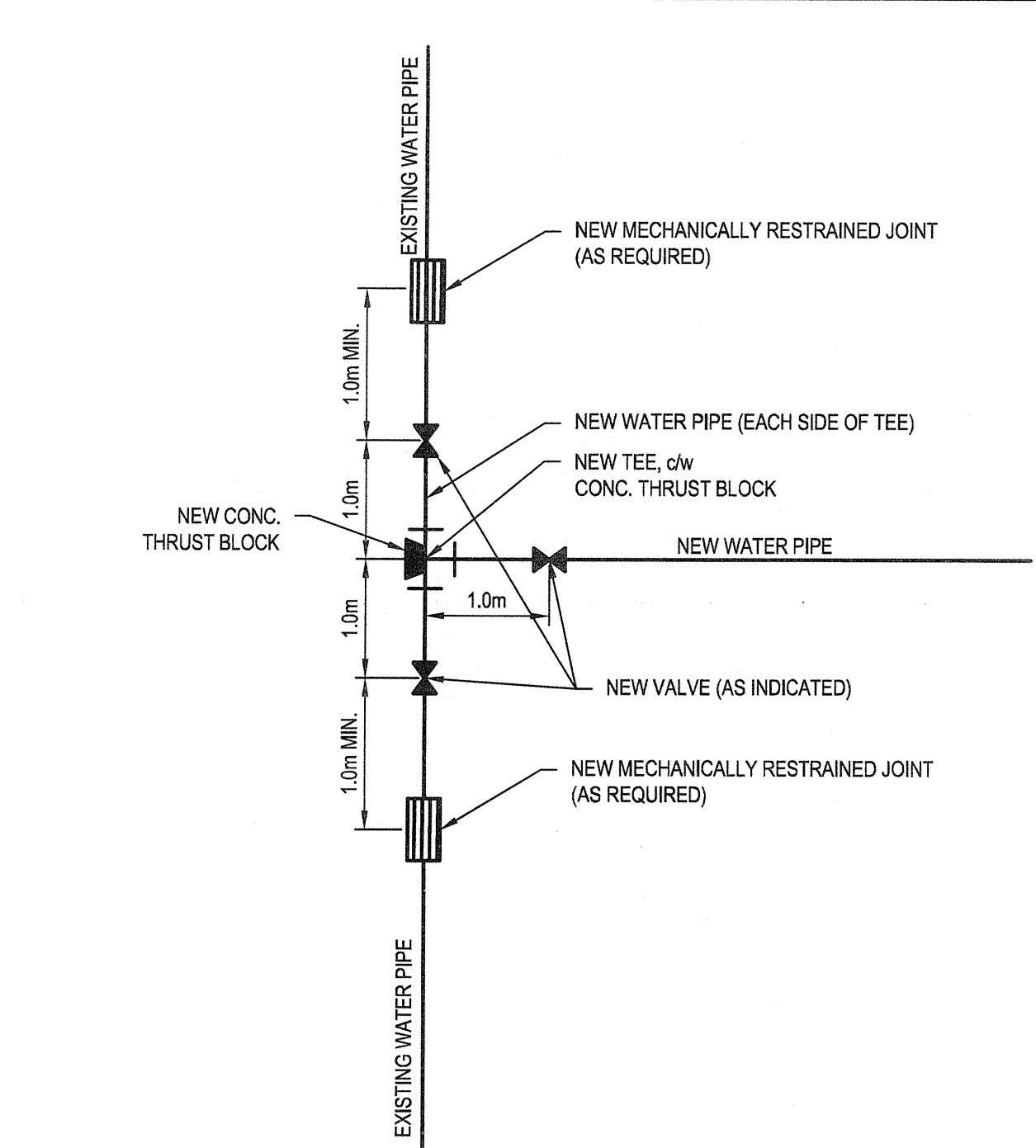


FROST-FREE YARD HYDRANT
SCALE : 1:20
4 C11

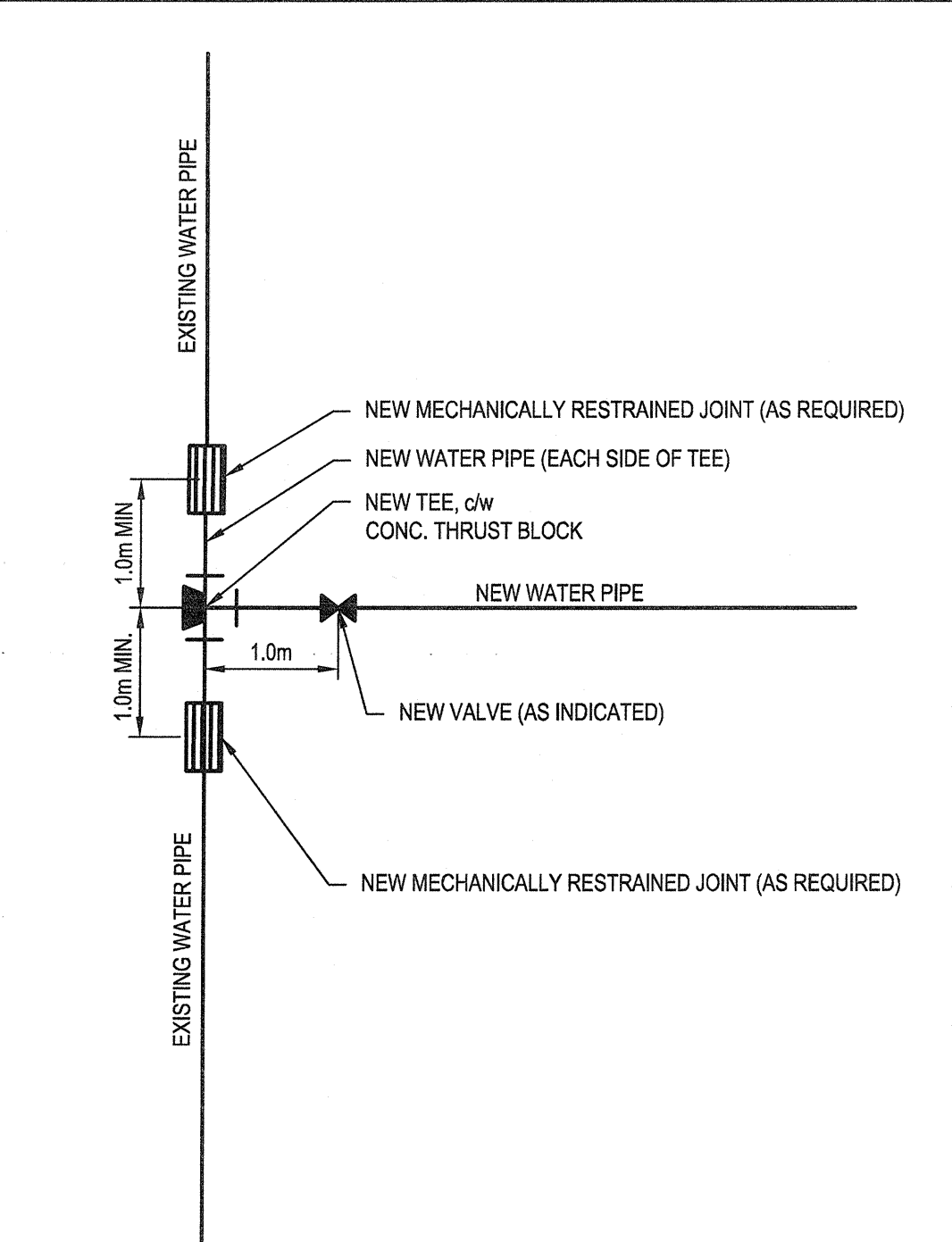
PAVEMENT STRUCTURE	HIGH TRAFFIC AREAS
ASPHALT CONCRETE: SURFACE COURSE	40mm
BASE COURSE	50mm
GRANULAR BASE	150mm
GRANULAR SUB-BASE	250mm



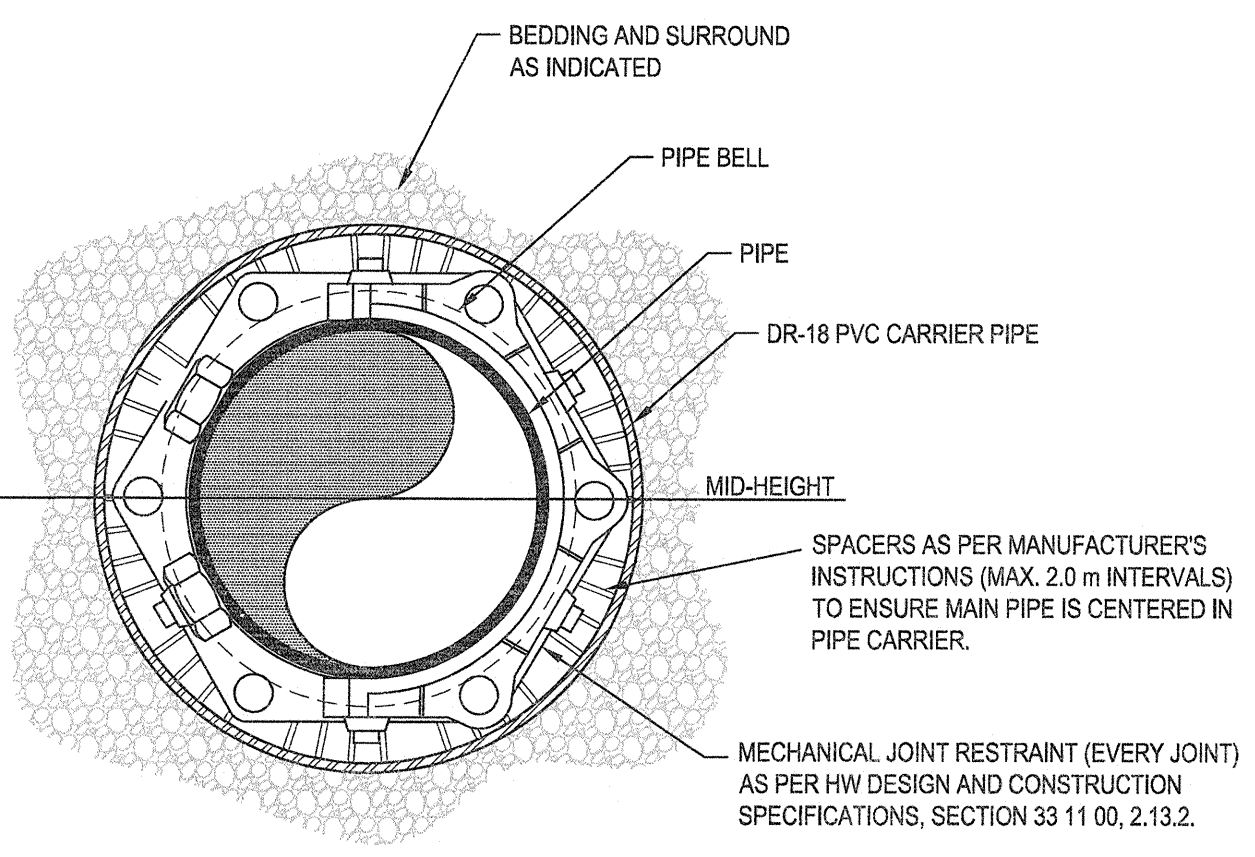
PAVEMENT / LANDSCAPE REINSTATEMENT
SCALE : N.T.S.
5 C11



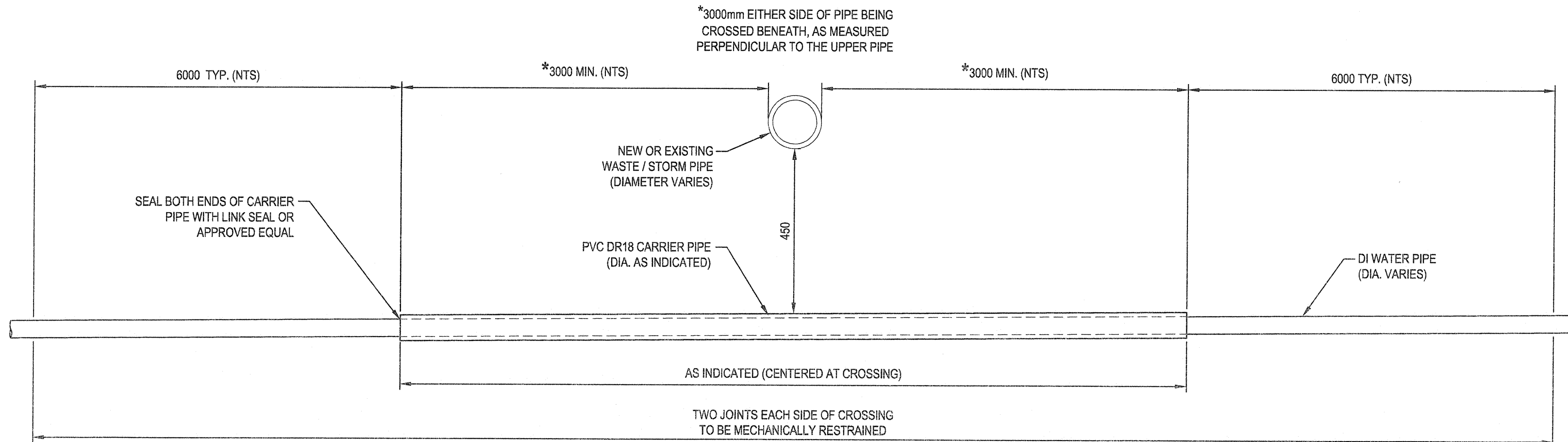
CUT-IN TEE DETAIL (MAIN CONNECTION)
SCALE : N.T.S.
6 C11



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



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



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