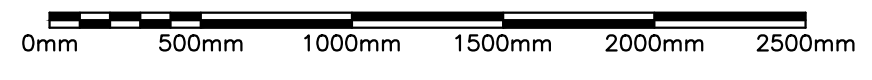


ACCESS ROAD GATE DETAIL

SCALE : 1:25



GENERAL STRUCTURAL NOTES

- EXISTING CONDITIONS SHOWN ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE TO VISIT SITE, CONFIRM EXISTING CONDITIONS, AND REPORT ANY DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE PRIOR TO COMPLETING ANY WORK UNDER THIS PROJECT.
- CONFIRM EXTENT OF REMOVALS AND FINAL LOCATION OF NEW INSTALLATIONS ON SITE WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO START OF WORK.

CONCRETE NOTES

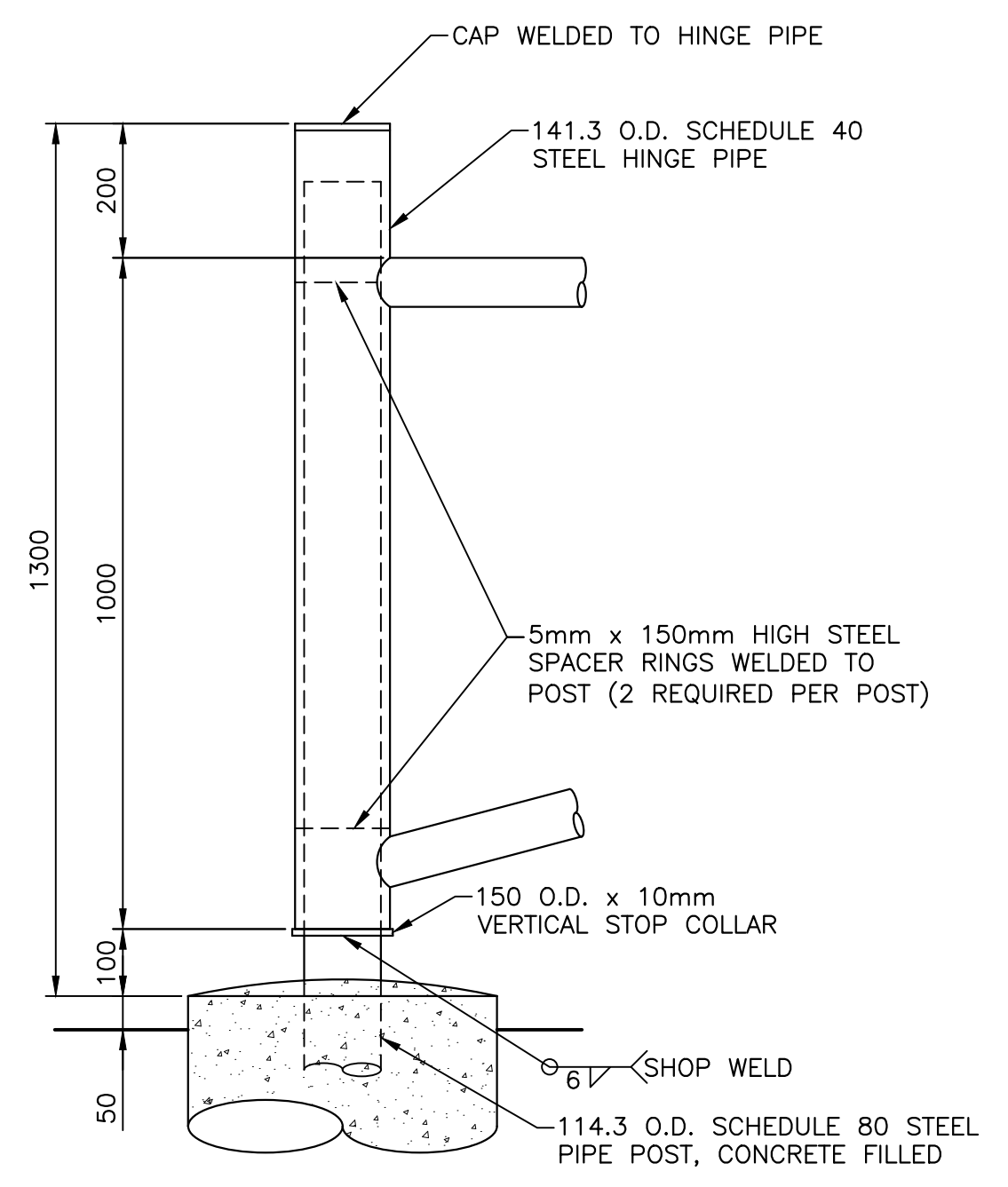
- REINFORCED CONCRETE TO BE PROPORTIONED IN ACCORDANCE WITH CSA A23.1 TO THE FOLLOWING PROPERTIES:
 - MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS25 MPa
 - MAXIMUM WATER TO CEMENT RATIO0.55
 - PURPOSELY ENTRAINED AIR CONTENT4 TO 7%
 - CEMENTPORTLAND CEMENT TYPE GU
 - SLUMP AT POINT OF DISCHARGE80 ± 20 mm
 - MAXIMUM AGGREGATE SIZE20 mm
 - AGGREGATESNON ALKALI REACTIVE
- REINFORCING STEEL TO COMPLY WITH CSA G30.12-M (LATEST EDITION) GRADE 400.
- DETAIL REINFORCING STEEL IN ACCORDANCE WITH THE REINFORCING STEEL MANUAL OF STANDARD PRACTICE BY REINFORCING STEEL INSTITUTE OF CANADA.
- PROVIDE 75mm CLEAR COVER TO REINFORCING STEEL UNLESS NOTED OTHERWISE.
- PROVIDE SMOOTH TROWEL FINISH TO TOP OF ALL INSTALLATIONS AND DOME TO SHED WATER.

METAL FABRICATIONS

- ALL STRUCTURAL MEMBERS SHALL HAVE THE FOLLOWING PROPERTIES:
 - PLATE, ANGLES, AND BAR CSA G40.21 GRADE 300W
 - PIPE ASTM A53, 240 MPa YIELD
 - HSS ASTM A500 GRADE 'C'
- ALL WELDING TO CONFORM TO CSA W59.
- ALL JOINTS TO BE SEAL WELDED. GRIND ALL WELDS SMOOTH.
- MINIMUM WELD SIZE TO BE 6mm FILLET, UNLESS NOTED OTHERWISE.
- ALL FABRICATIONS TO BE SHOP PAINTED WITH PRIMER AND TWO COATS OF ALKYD ENAMEL PAINT, YELLOW (GLOSS). DO NOT PAINT COMPONENTS TO BE EMBEDDED IN CONCRETE OR BEARING CONTACT SURFACES BETWEEN HINGE PIPE AND INNER POST SPACERS.
- LIBERALLY GREASE CONTACT SURFACES OF HINGE PIPE, INNER POST SPACERS, AND VERTICAL STOP COLLAR DURING INSTALLATION.

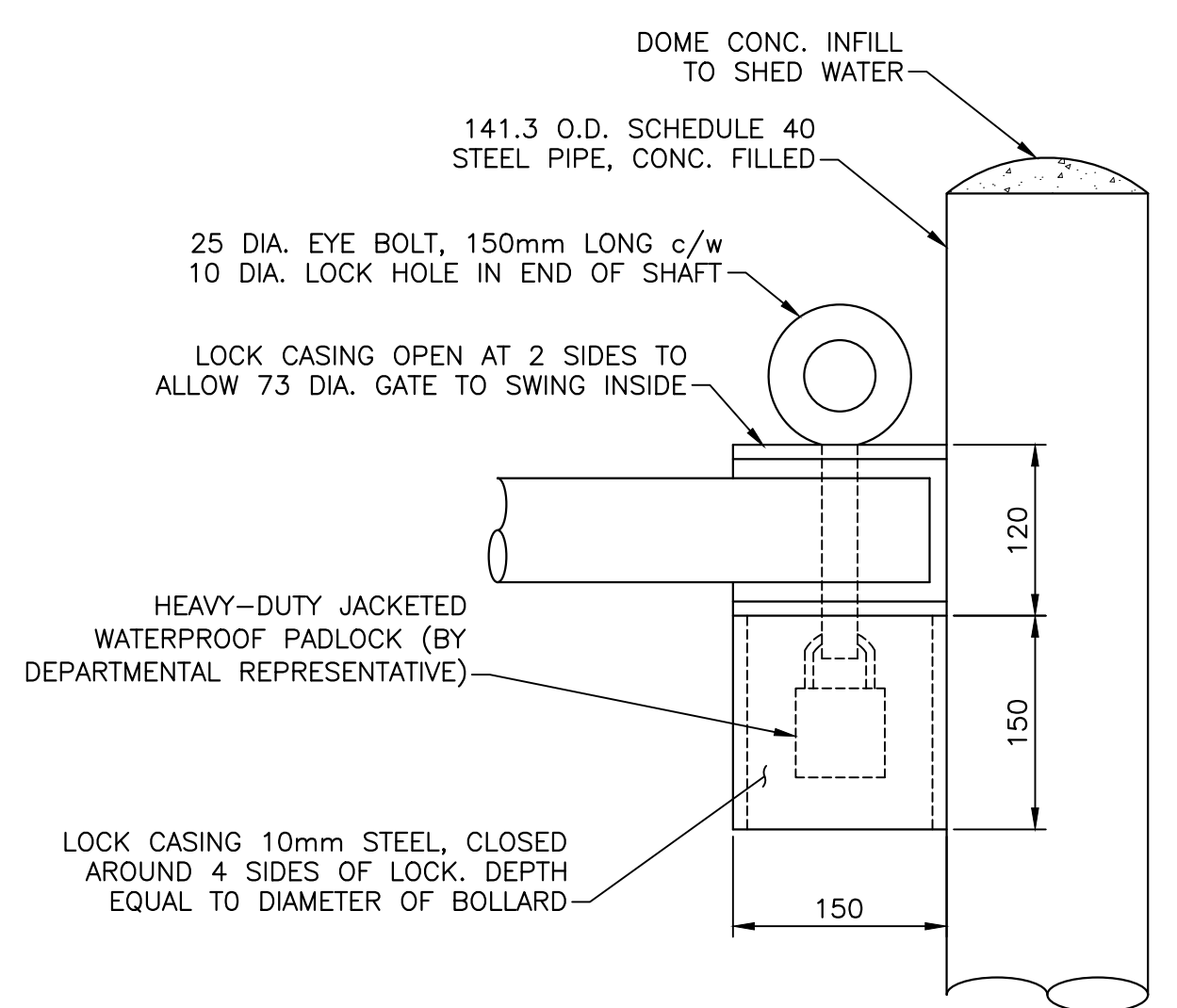
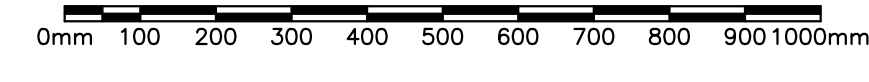
EARTHWORK NOTES

- RE-GRADE SITE AROUND NEW INSTALLATIONS TO BLEND NEW INSTALLATIONS INTO EXISTING AND ENSURE WATER DRAINS FROM ALL SURFACES.
- REINSTATE SITE DISTURBED DURING CONSTRUCTION TO MATCH SURROUNDING SURFACES TO SATISFACTION OF DEPARTMENTAL REPRESENTATIVE.
- COMPACT ALL GRANULAR MATERIALS TO 100% STANDARD PROCTOR DRY DENSITY.



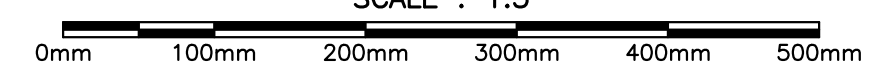
GATE POST DETAIL

SCALE : 1:10



LOCK CASING DETAIL

SCALE : 1:5



0	ISSUED FOR TENDER	DEC.14 2020
revisions		date
project	CONTAINMENT SITE ENTRANCE ROAD PARKERS COVE ANNAPOLIS COUNTY NOVA SCOTIA	
drawing	GATE DETAILS AND SECTIONS	
designed	B. ALLARD	conçu
date	AUGUST 2020	
drawn	G. PROSPER	dessiné
date	AUGUST 2020	
approved		approuvé
date		
Tender		Soumission
PWGC Project Manager	Administrateur de projets TPSC	
project number	R.106636.001	
drawing no.	SHT 3	

