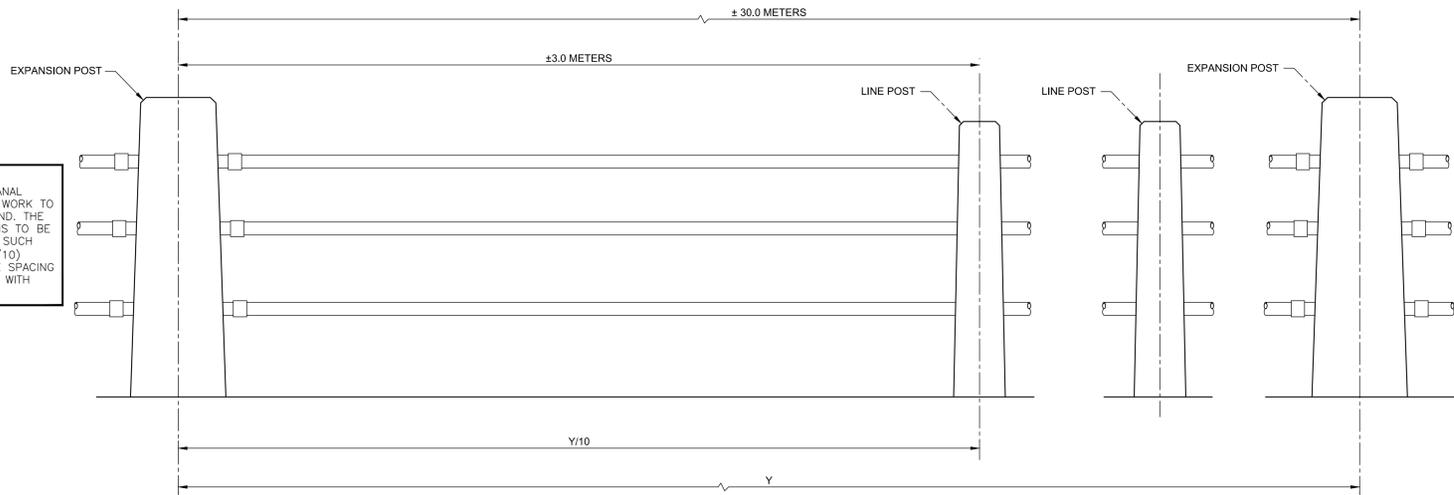
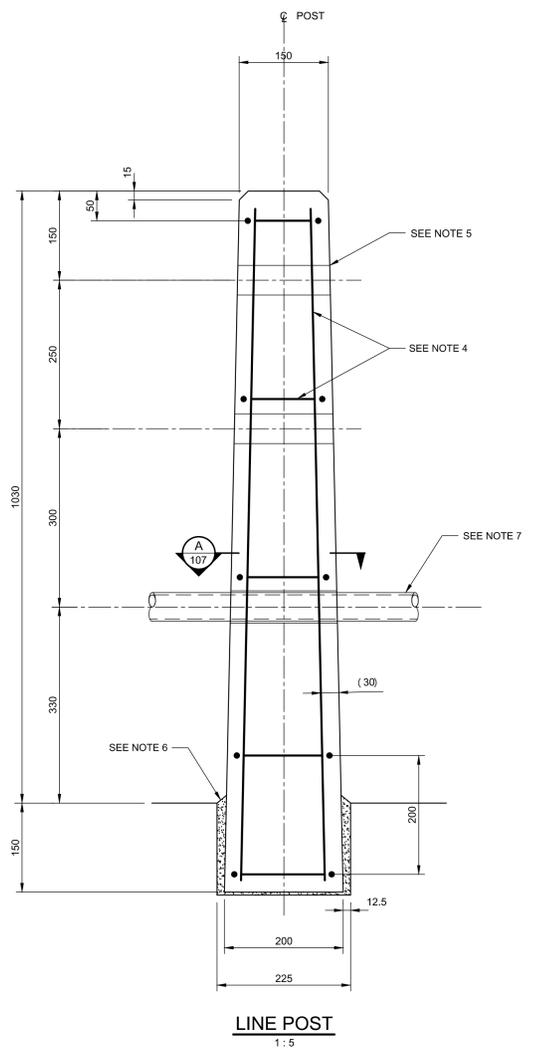


NOTE:  
WHEN PLANNING THE RECONSTRUCTION OF CANAL COPING IT IS DESIRABLE TO CARRY OUT THE WORK TO INCLUDE THE EXPANSION POSTS AT EITHER END. THE ACTUAL DISTANCE BETWEEN THE END POSTS IS TO BE ACCURATELY DETERMINED TO BE CALCULATED SUCH THAT THERE WILL BE TEN EQUAL SPACES (Y/10) BETWEEN EXPANSION POSTS. MOST DESIRABLE SPACING BETWEEN EXPANSION POSTS IS 30.0 METERS, WITH LINE POSTS SPACED EVERY 3.000 METERS.

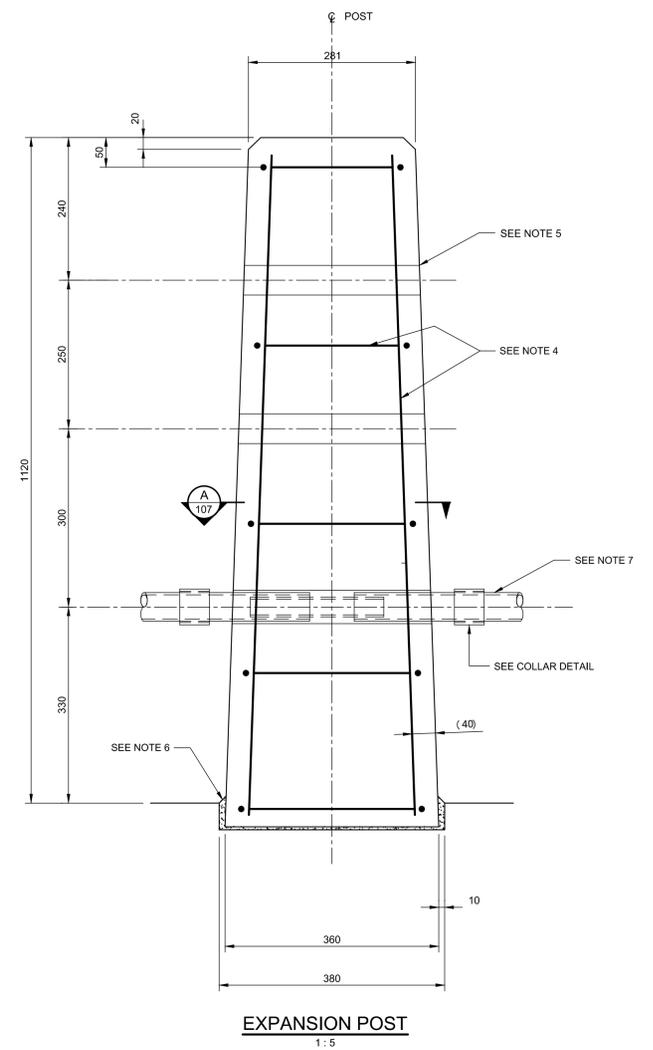


- NOTES
- 1) THE MOLD WILL BE SUPPLIED BY THE N.C.C. AND OBTAINED FROM THE ALBION ROAD SUPPLY CENTER AND IS TO BE RETURNED IN GOOD CONDITION. FINISHED POSTS ARE TO BE DELIVERED AND STOCKPILED AT THE ALBION ROAD YARD.
  - 2) CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 35 MPa AT 28 DAYS, USING A NO. 2 GREEN MADOC AGGREGATE WITH RIVER WASHED SAND OR MORTAR SAND.
  - 3) THE AGGREGATE SHALL BE EXPOSED AND THE TEXTURE OF THE REQUIRED FINISH MAY BE INSPECTED AT THE ALBION ROAD YARD. PRIOR TO PRECASTING, THE FABRICATOR SHALL SUBMIT TWO (2) SAMPLE PANELS (300x300x25) TO THE ENGINEER FOR APPROVAL AND COMPARISON WITH THE TEXTURE AND AGGREGATE OF THE CAST UNIT.
  - 4) REINFORCING SHALL BE 4-15M VERTICAL AND 10M TIES AT 300 mm CENTER TO CENTER AND SHALL CONFORM TO C.S.A. STANDARD SPECIFICATION G30.12 WITH A MINIMUM YIELD STRENGTH OF 350 MPa AND SHALL BE EPOXY COATED.
  - 5) OPENINGS THROUGH POST TO ACCEPT 40 mm (1 1/2") DIAMETER STANDARD PIPE USED AS HANDRAIL.
  - 6) NON-SHRINKING GROUT IN RECESSES.
  - 7) HANDRAIL TO BE 40 mm (1 1/2") DIAMETER STANDARD PIPE, PRIMED AND PAINTED BLACK.
  - 8) CHAMFER ALL EDGES AS PROVIDED FOR IN MOLD SUPPLIED.
  - 9) TOUCH UP REINFORCING BARS WITH EPOXY PAINT PRIOR TO CASTING.
  - 10) TEXTURING: SHALL NORMALLY BE ACCOMPLISHED USING A CHEMICAL RETARDANT AND PRESSURE WASH. OTHER METHODS OF EXPOSING THE AGGREGATE WILL ONLY BE ALLOWED ON SPECIAL APPROVAL OF THE DESIGN DIVISION DIRECTOR.

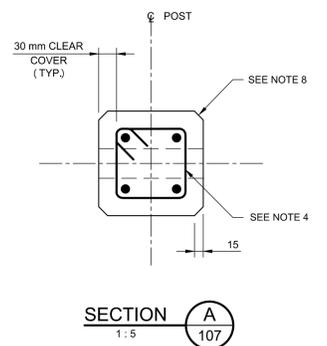
CANAL RAILING DETAILS 1/107



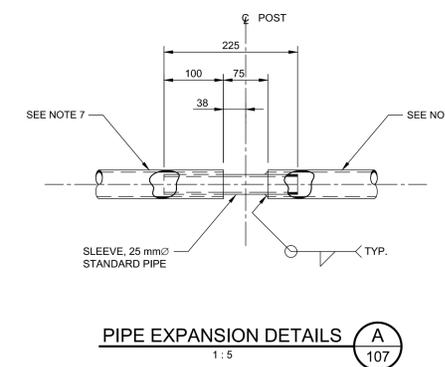
LINE POST 1:5



EXPANSION POST 1:5

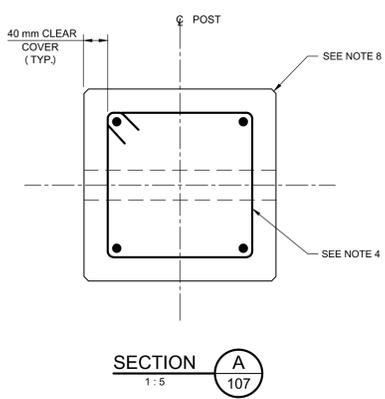


SECTION A 107 1:5

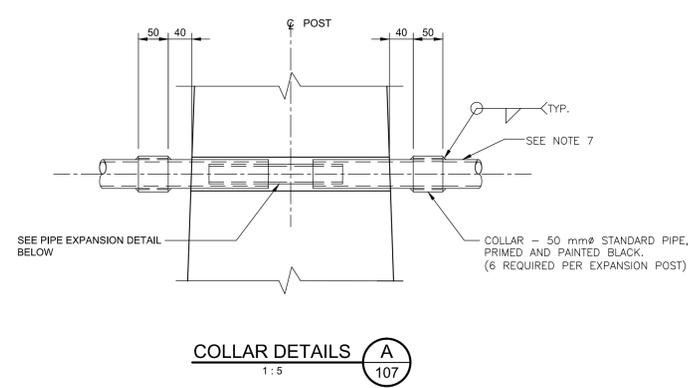


PIPE EXPANSION DETAILS A 107 1:5

NOTE:  
THIS DRAWING IS A REPRODUCTION OF A NATIONAL CAPITAL COMMISSION REFERENCE DRAWING - "CANAL RAILING, CONCRETE POST DETAILS", SHEET NO. 5562-318



SECTION A 107 1:5



COLLAR DETAILS A 107 1:5

CONCRETE POST DETAILS A 107 1:5

1	ISSUED FOR TENDER	C.U.	10-09-2015
No.	Description	Des. By	Date
Revision / Révision			

A	Detail number No. du détail
B	Location dwg. no. No. sur dessin

Project title / Titre du projet  
**RIDEAU CANALS  
OTTAWA WALLS REPAIRS  
2015**

Drawing title / Titre du dessin  
**EXISTING POSTS  
AND RAILING DETAILS  
REFERENCE**

Drawn by / Dessiné par HENRYK CHRZANOWSKI	Designed by / Conçu par CHRIS UCHWAT
Approved by / Approuvé par LUC BÉRIALTY	Drawing Date / Date du dessin AUGUST 2015
Project manager / Administrateur de projet ATIF SUHAIL	
Contract No. / Numéro du contrat	Drawing No. / Dessiné No. <b>107</b>
Project No. / Numéro du projet R.079197.001	Sheet Feuille 8 of 8