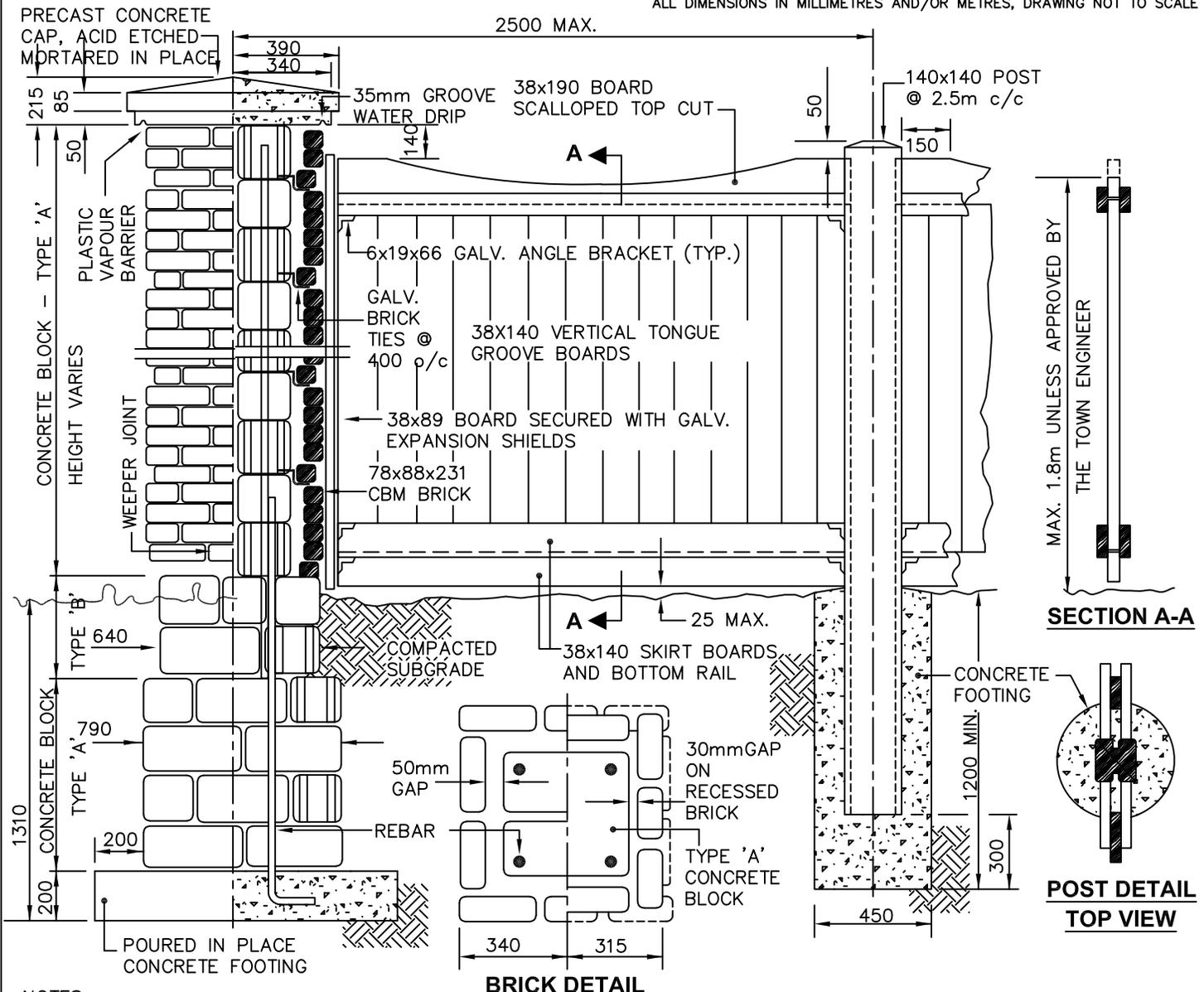


ALL DIMENSIONS IN MILLIMETRES AND/OR METRES, DRAWING NOT TO SCALE



**NOTES:**

1. MAXIMUM HEIGHT OF FENCE NOT TO EXCEED 1.8m UNLESS CERTIFIED BY A STRUCTURAL ENGINEER.
2. CONCRETE BLOCK CORE TO BE UNIT MASONRY AS PER CANS-304-M78. CONCRETE BLOCKS TO BE:  
 TYPE A - 190x190x390mm WITH GROUT FILLED CORE  
 TYPE B - 190x240x390mm WITH GROUT FILLED CORE
3. FOOTING TO BE POURED IN PLACE CONCRETE WITH A COMPRESSIVE STRENGTH OF 30 MPa. AT 28 DAYS AND HAVE 7% ±1.5% AIR CONTENT.
4. ULTIMATE COMPRESSIVE STRENGTH OF MASONRY TO BE IN EXCESS OF:
 

i) HOLLOW CONCRETE BLOCK	6.9MPa
ii) SOLID CONCRETE BLOCK	12.4MPa
iii) MORTAR - TYPE S	12.4MPa
iv) BRADSTONE	35.0MPa
5. REINFORCING STEEL TO BE 15M DEFORMED BARS WITH YIELD STRENGTH OF 400MPa AS PER CSA 630-15-M.
6. REINFORCING SPLICES OVERLAP TO BE MIN. 600mm.
7. METAL BRICK TIES AS PER CANS-6304-M.
8. MORTAR TO CONFORM TO CSA A179M. ENSURE THAT WATER AND AGGREGATE USED IN MORTARS WILL NOT CAUSE EFFLORESCENCE.
9. MORTAR FOR EXPOSED LOCATIONS TO BE COLOUR TINTED TO MUNICIPAL APPROVAL.
10. ALL LUMBER TO BE No. 1 GRADE OR BETTER, BEARING GRADING STAMP OF C.L.S. CERTIFIED AGENCY. MINIMUM SURFACE DENSITY OF 20 Kg/m<sup>2</sup> (4 lbs/ft<sup>2</sup>).
11. MOISTURE CONTENT OF WOOD NOT TO EXCEED 19% AT TIME OF CONSTRUCTION.
12. ALL WOOD SURFACES TO BE PRESSURE TREATED WITH CROMATED COPPER ARSENATE (C.C.A.) TO A RETENTION OF 6.4 Kg/C.M. AND STAINED WITH 2 COATS OF OLYMPIC STAIN 901 OR EQUAL.
13. NAILS TO BE GALVANIZED ARDOX CONFORMING TO CSA STANDARD BILL. LAG SCREWS AND BOLTS TO BE GALVANIZED CONFORMING TO ASTM A307 AND COUNTER SUNK BELOW WOOD SURFACE.
14. FENCE PANELS TO STEP AT POSTS AS REQUIRED BY GRADE TO A MAXIMUM OF 150mm.



**TIMBER NOISE BARRIER FENCE**

DWG. No.	<b>AS-315</b>
DATE	JANUARY 2011
REVISION No.	

ENGINEERING SECTION