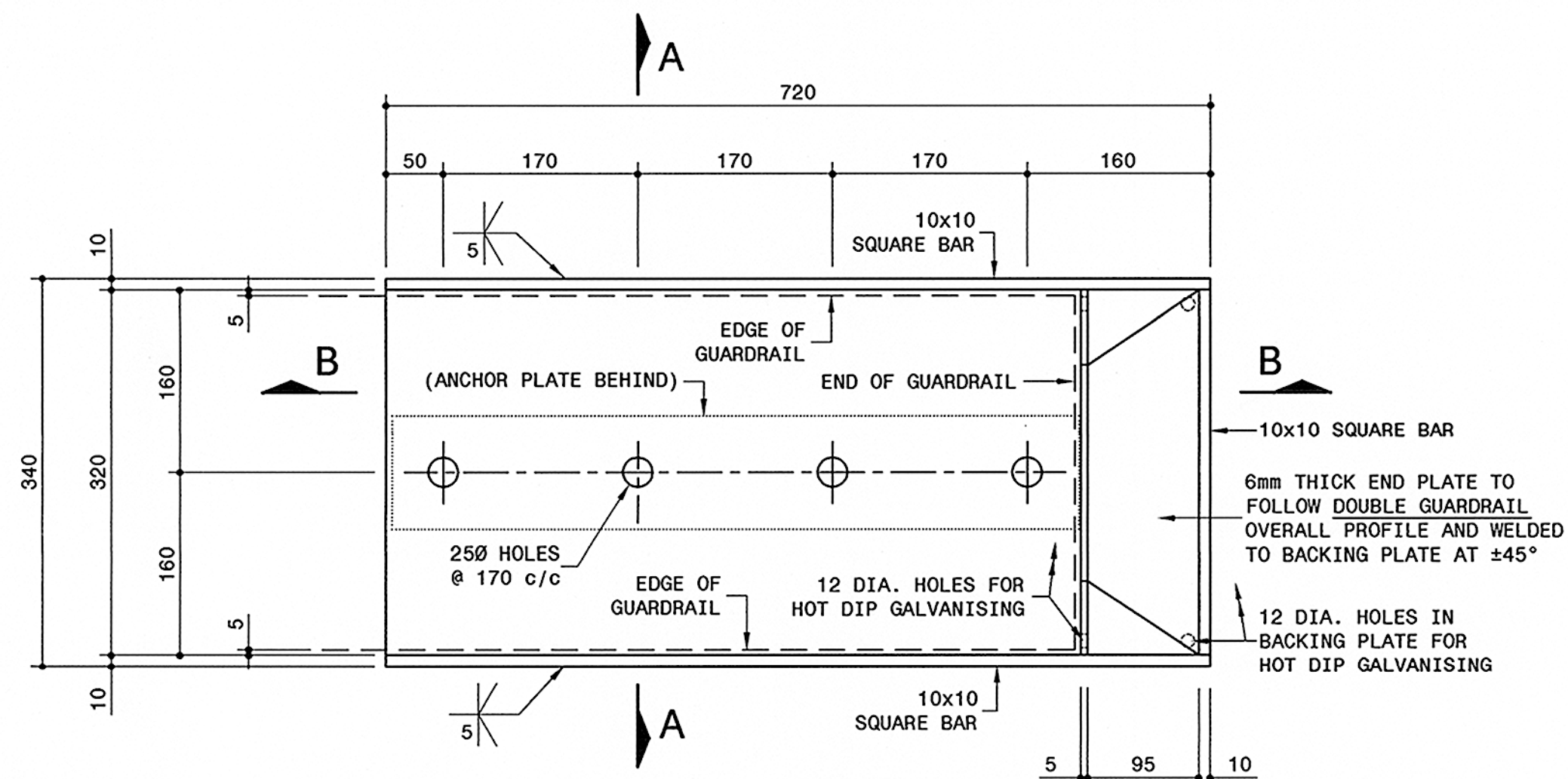
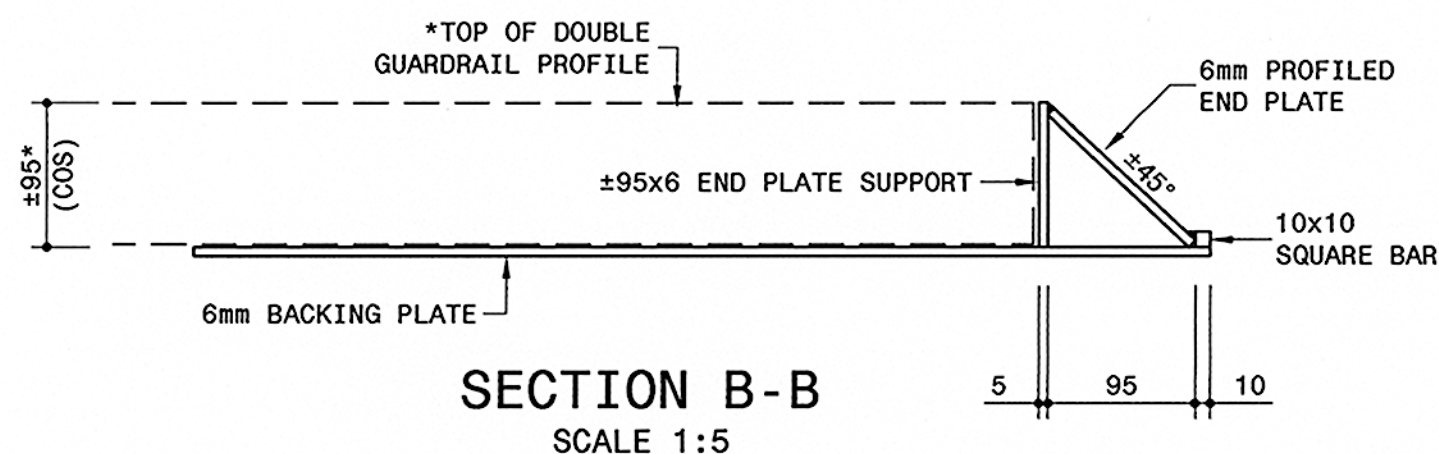
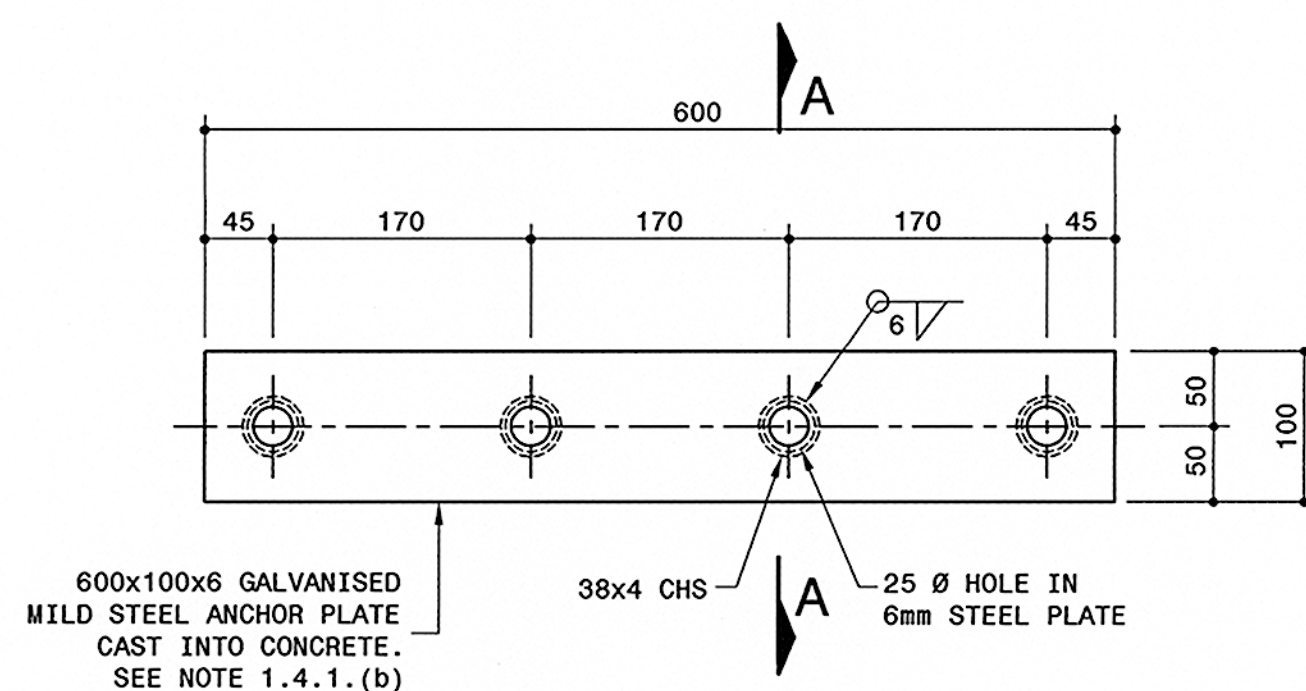




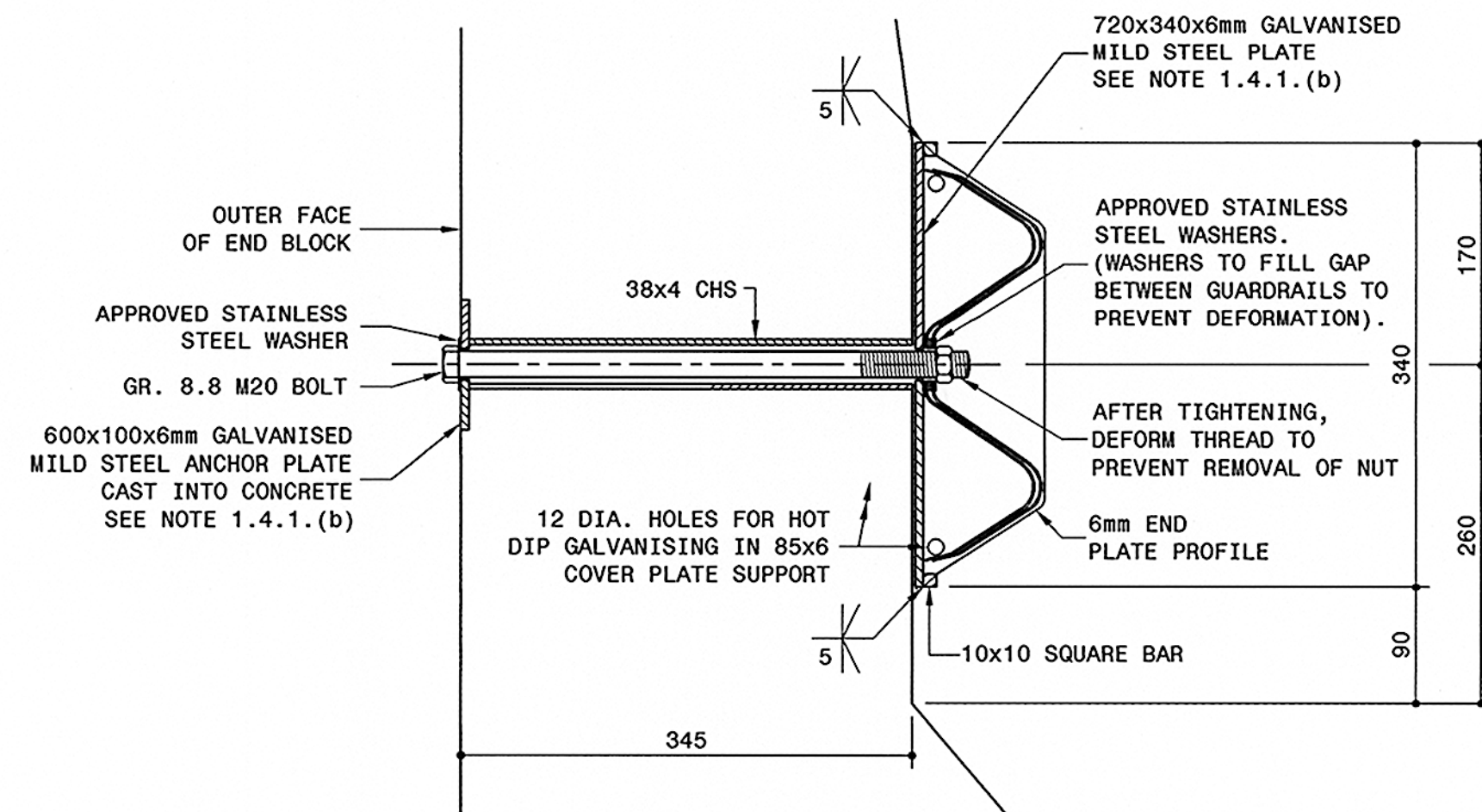
BACKING PLATE DETAIL
SCALE 1:5



SECTION B-B
SCALE 1:5



ANCHOR PLATE DETAIL
SCALE 1:5



SECTION A-A
SCALE 1:5

NOTES

1. GENERAL

ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT CLAUSES OF SECTION 6700 AND SECTION 5400 OF THE STANDARD SPECIFICATIONS, THE PROJECT SPECIFICATIONS AND SHALL INCLUDE THE FOLLOWING:

- 1.1 STRUCTURAL MILD STEEL SHALL COMPLY WITH THE REQUIREMENTS OF SANS 1431:2005 GRADE 350W.
- 1.2 M20 FIXING BOLTS AND NUTS SHALL BE GRADE 8.8 TO SANS 1700 SET:1996
- 1.3 WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF BS 5135.
- 1.4 THE SURFACE PREPARATION AND CORROSION PROTECTION OF THE STRUCTURAL STEEL MEMBERS SHALL BE AS FOLLOWS:
 - 1.4.1. BY MANUFACTURER PRIOR TO DISPATCH TO THE WORKS
 - (a) DESIGN, FABRICATION AND INSPECTION SHALL COMPLY WITH THE RECOMMENDATIONS OF SANS 121:2000. NOTE THE APPENDIX DEALING WITH THE EFFECT OF CHEMICAL COMPOSITION OF STEEL.
 - (b) AFTER MANUFACTURE THE COMPLETE ASSEMBLY, INCLUDING FIXING BOLTS, SHALL BE HEAVY DUTY HOT-DIP GALVANIZED IN ACCORDANCE WITH SANS 121:2000 TO A ZINC COAT THICKNESS OF NOT LESS THAN 105 MICRONS.

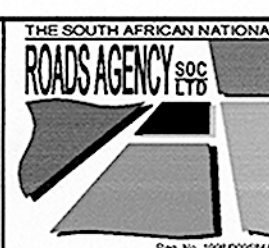
1.4.2. ON SITE

GALVANISING AT HOLES DRILLED FOR FIXING OF GUARDRAIL TO END BLOCK AND CUT ENDS OF GUARDRAILS SHALL BE REPAIRED WITH "ZINCFIX", AVAILABLE FROM THE HOT-DIP GALVANIZERS ASSOCIATION OF SOUTHERN AFRICA.

No.	DATE	REVISION	APPROVED
V1	2012-05-23	ORIGINAL VERSION	

SANRAL TYPICAL DRAWINGS

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APPROVED
Date: 2012-05-23

TYPICAL DRAWINGS - STRUCTURES

F-SHAPE PARAPET
FRONT GUARDRAIL TO ENDBLOCK
CONNECTION DETAILS

SANRAL DOC. No. (PDF)
223299
SANRAL DOC. No. (DWG)
223300
SANRAL DRAWING No.
TD-S-P-5002-1-V1

1m 0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m
ORIGINAL SCALE 1:100

TD-S-P-5002-1-V1