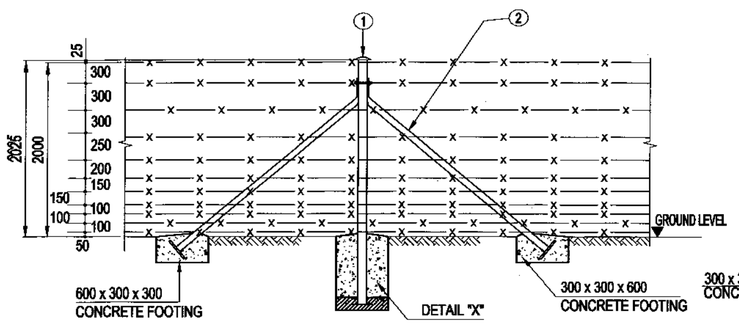
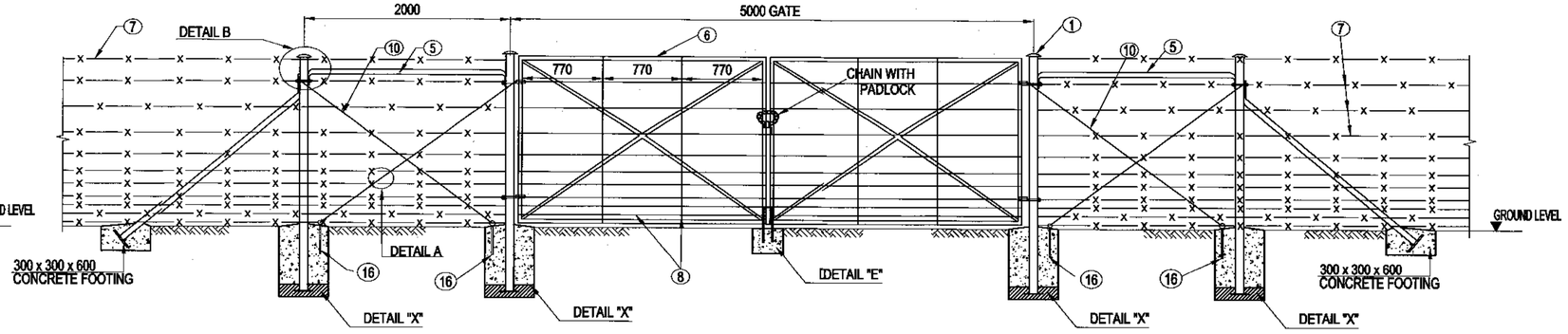


STRAINING POST DETAIL

SCALE 1 : 50



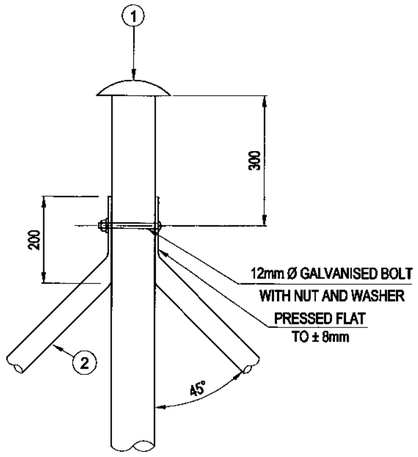
FENCE DETAIL AT GATE

SCALE 1 : 500



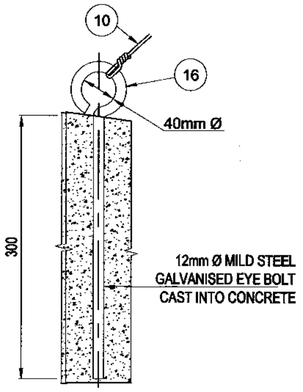
DETAIL A

N.T.S



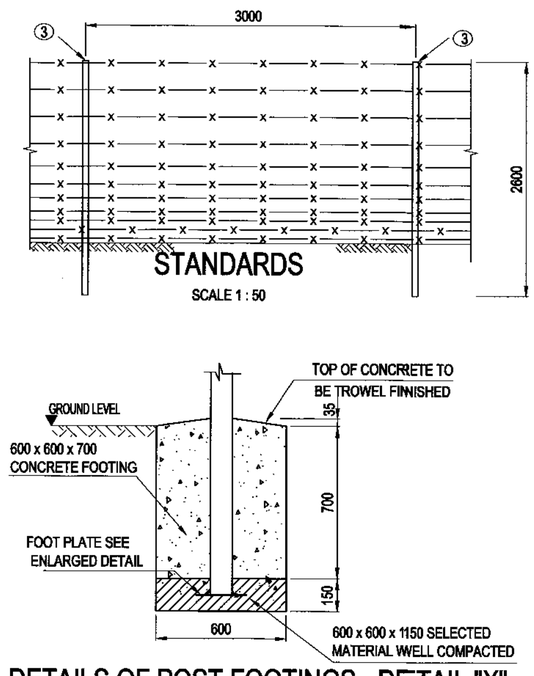
DETAIL OF STRAINING POST

SCALE 1:10



DETAIL OF STEEL PEG

SCALE 1:5

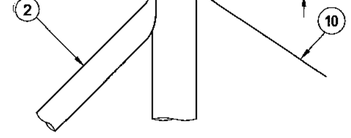


STANDARDS

SCALE 1 : 50

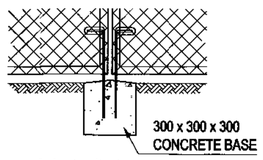
DETAILS OF POST FOOTINGS - DETAIL "X"
600 x 600 x 700 DEEP

SCALE 1;20



DETAIL B

SCALE 1:10



DETAIL "E"

SCALE 1:20

NOTES

1. POSTS:
   2800 X 100 Ø X 3mm MILD STEEL TUBING WITH STEEL CAP AND 230 X 230 X 3mm BASE PLATE, FULLY GALVANIZED (SANS 121/ISO 1461) (WITHOUT HOLES FOR WIRES).

2. STAYS:
   3050 X 75 Ø X 3mm MILD STEEL TUBING WITH 230 X 230 X 3mm BASE PLATE, FULLY GALVANIZED (SANS 121/ISO1461).

3. STANDARDS:
   2600 X 2,5 kg/m "Y" SECTION COMPLETE WITH HOLES AT 50mm CENTRES. FULLY GALVANIZED (SANS 121/ISO1461) IF WITHIN 25 km FROM THE COAST.

4. DROPPERS: NONE

5. CROSS BRACE SUPPORT :
   2400 X 60 Ø X 3mm MILD STEEL TUBING BENT AND FLATTENED AS SHOWN, FULLY GALVANIZED (SANS 121/ISO 1461).ENDS PRESSED FLAT TO ± 8mm.

COMPLYING WITH CKS 82

6. GATE :
   42 Ø x 2mm MILD STEEL TUBING FRAME 21,4 Ø X 2mm MILD STEEL TUBE BRACING,COMPLETE WITH WITH HINGES, WASHERS, BOLTS AND LOCKING CHAIN ATTACHED TO GATE (COMPLYING WITH CKS 146). FULLY GALVANIZED (SANS 121/ ISO 1461) AFTER FABRICATION.

7. BARBED WIRE:
   3,2X 2,5mm OVAL HIGH TENSILE GRADE SINGLE STRAND (SANS 675), FULLY GALVANIZED.

8. SMOOTH WIRE:
   3,0 mm Ø HIGH TENSILE GRADE (SANS 675) FULLY GALVANIZED.

9. TYING WIRE:
   2,5mm Ø MILD STEEL (SANS 675), FULLY GALVANIZED FOR TYING TO STANDARDS.

10. STRAINING WIRE :
    4mm Ø MILD STEEL (SANS 675), FULLY GALVANIZED . (4 STRANDS, DOUBLED AND TWISTED TO TAKE STRAIN).

11. BOLTS FOR STAYS:
    12mm Ø MILD STEEL , INCLUDING NUTS AND WASHERS, FULLY GALVANIZED.

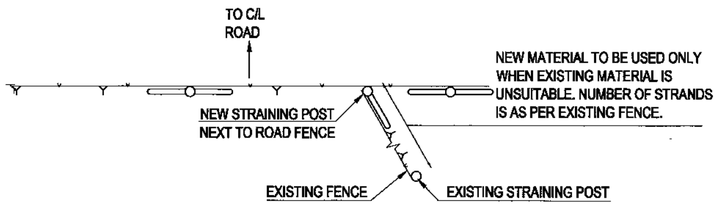
12. MAXIMUM SPACING OF:
    STRAINING POSTS 90m c/c
    STANDARDS 3m c/c

13. ALL WIRES TO BE ERECTED ON THE ROAD SIDE OF THE FENCE UNLESS OTHERWISE INSTRUCTED.

14. MINIMUM CONCRETE STRENGTH OF FOOTINGS 20 MPa AT 28 DAYS.

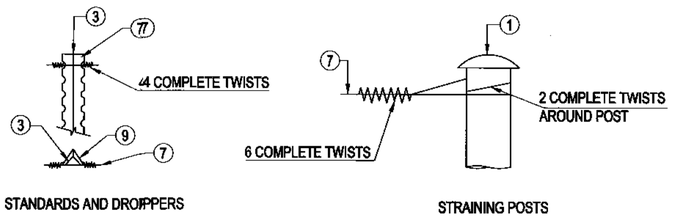
15. NONE

16. STEEL PEG :
    12mm Ø MILD STEEL FULLY GALVANIZED.



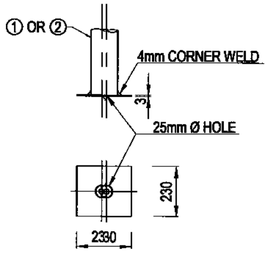
FENCING IN RELATION TO ROAD AND REPAIR OF EXISTING FENCE IF CUT BY ROAD RESERVE

SCALE 1:100



FASTENING OF BARBED WIRE TO STANDARDS, DROPPERS AND POSTS

SCALE 1:10



DETAIL OF FOOT PLATE

SCALE 1:20

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No.	DATE	VERSION / REVISION	APPROVED
V1	SEPT 2014	ORIGINAL VERSION	

SANRAL TYPICAL DRAWINGS

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W.J.v.d. Merwe
APPROVED
DATE: 2015/06/26

TYPICAL DRAWINGS - ROADWORKS

FENCING & RELATED ITEMS
PEDESTRIAN FENCING
BARBED WIRE ON STEEL POSTS

SANRAL DOC. No. (PDF)	1693910
SANRAL DOC. No. (DWG)	1797471
SANRAL DRAWING No.	TD-R-FG-1008-V1