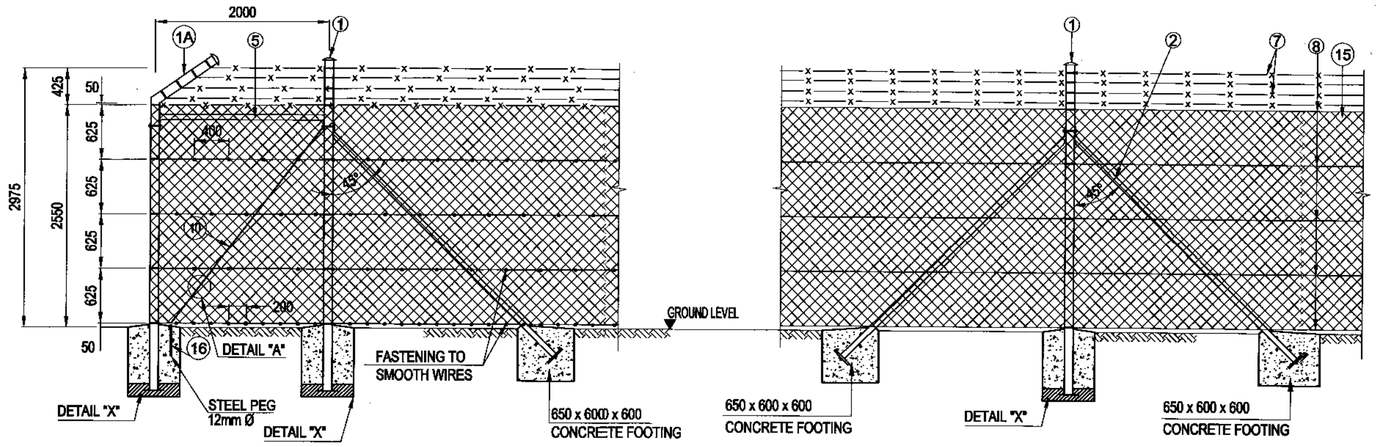
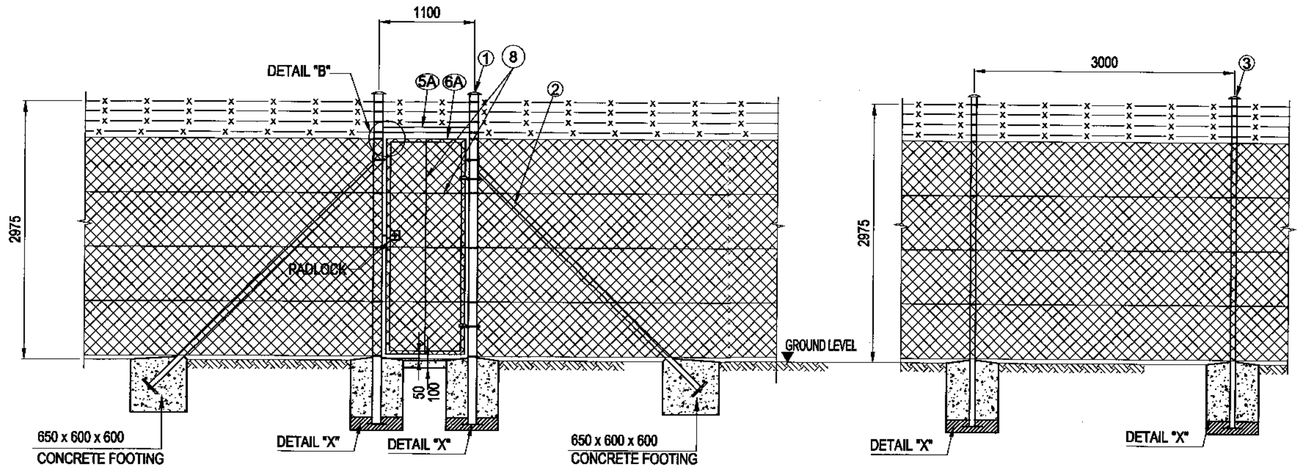


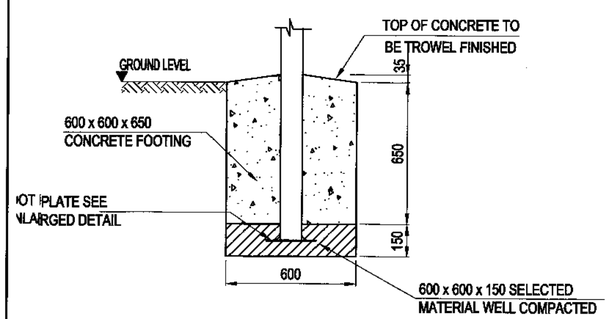
CORNER POST
SCALE 1:50

DETAIL OF STRAINING POST
SCALE 1:50

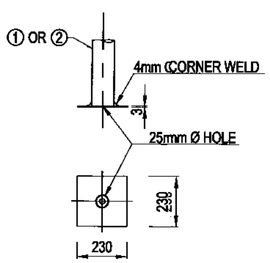


PEDESTRIAN GATE
SCALE 1:50

DETAIL OF STANDARD
SCALE 1:50



DETAILS OF POST FOOTINGS - DETAIL "X"
600 x 600 x 650 DEEP
SCALE 1:20



DETAIL OF FOOT PLATE
SCALE 1:20

NOTES

1. STRAINING POSTS:
   3875 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)

1A. STRAINING POSTS (CORNER POSTS):
   4100 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)

2. STAYS:
   3900 X 60 Ø X 3mm MILD STEEL TUBING WITH 230 X 230 X 3mm BASE PLATE, FULLY GALVANIZED (SANS 121/ISO1461).

3. STANDARDS:
   3875 X 60 Ø X 3mm MILD STEEL TUBING WITH STEEL CAP AND 230 X 230 X 3mm BASE PLATE, FULLY GALVANIZED (SANS 121/ISO 1461).

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.

5A. PEDESTRIAN GATE CROSS BRACE:
   1500 X 50 Ø X 3mm MILD STEEL TUBING BENT AND FLATTENED AS SHOWN, FULLY GALVANIZED (SANS 121/ISO 1461). ENDS PRESSED FLAT TO ± 8mm.

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

6A. PEDESTRIAN GATE:
   42 Ø x 2mm MILD STEEL TUBING FRAME COMPLETE WITH HINGES, WASHERS, BOLTS AND LOCKING DEVICE. 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:
   3,0mm Ø HIGH TENSILE GRADE SINGLE STRAND (SANS 675) FULLY GALVANIZED.

9. TYING WIRE:
   2,5mm Ø MILD STEEL (SANS 675), FULLY GALVANIZED FOR TYING TO STANDARDS.
   1,6mm Ø MILD STEEL (SANS 675), FULLY GALVANIZED FOR TYING MESH TO SMOOTH WIRES.

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 30m 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. DIAMOND MESH:
   50mm X 2,2mm Ø FULLY GALVANIZED (CKS 229).

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

COMPLYING WITH CKS 82

FOR LATEST VERSION CHECK www.nra.co.za

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

SANRAL TYPICAL DRAWINGS

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APPROVED
DATE: 2015/06/26

TYPICAL DRAWINGS - ROADWORKS

FENCING & RELATED ITEMS
SECURITY FENCING ON STEEL POSTS
SHEET 1 OF 3

SANRAL DOC. No. (PDF) 1693295
SANRAL DOC. No. (DWG) 1797261
SANRAL DRAWING No. TD-R-FG-1009-V1