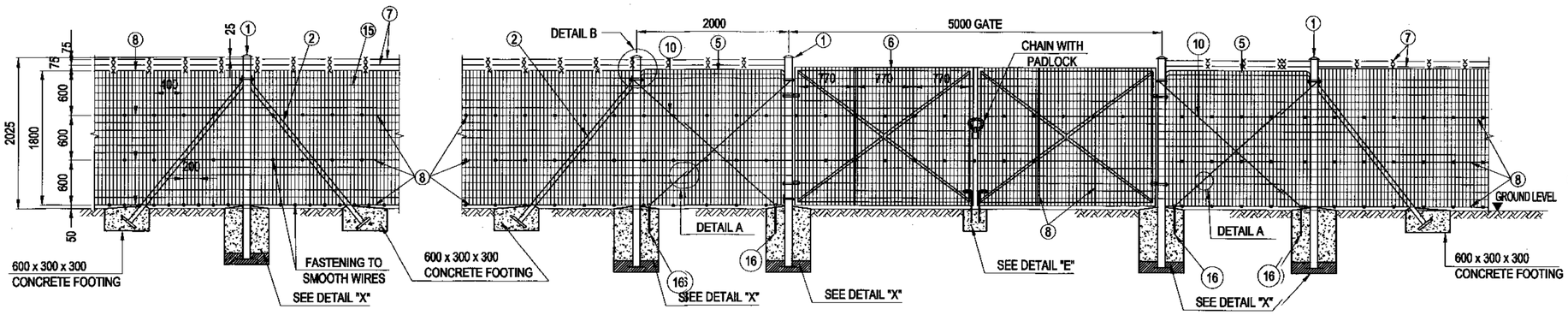
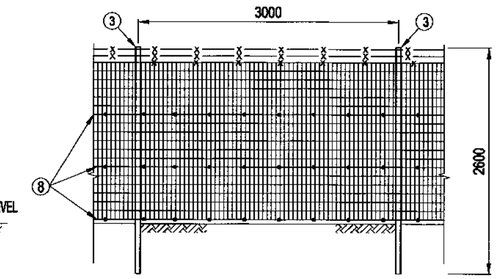


STRAINING POST DETAIL

SCALE 1:50

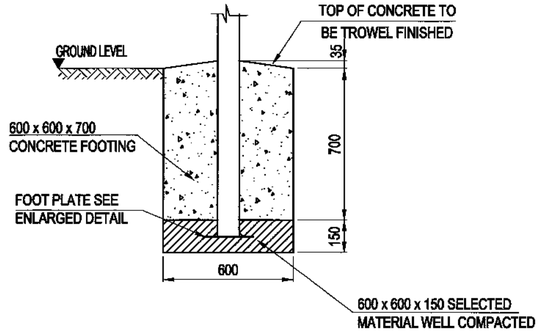


DETAIL OF STANDARDS

SCALE 1:50

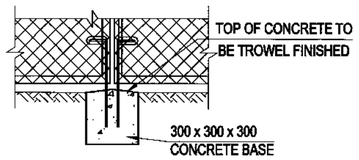
FENCE DETAIL AND STRAINING POST AT GATE

SCALE 1:50



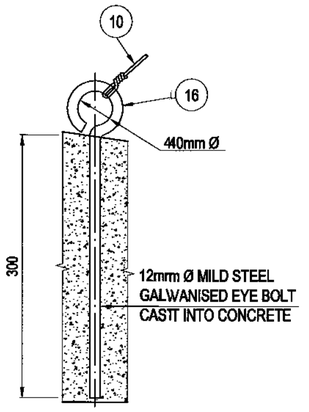
DETAILS OF POST FOOTINGS - DETAIL "X"
600 x 600 x 700

SCALE 1;20



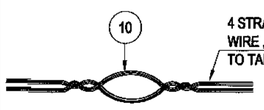
DETAIL "E"

SCALE 1:20

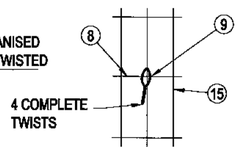


DETAIL OF
STEEL PEG

SCALE 1 : 5

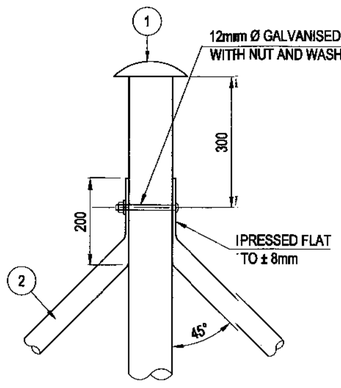


DETAIL A
N.T.S



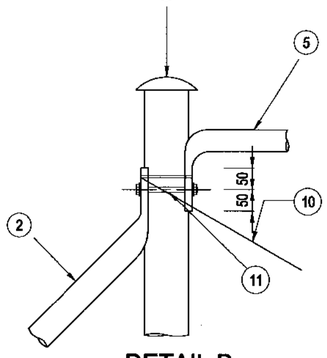
DETAIL OF TYING MESH
TO SMOOTH WIRE

N.T.S



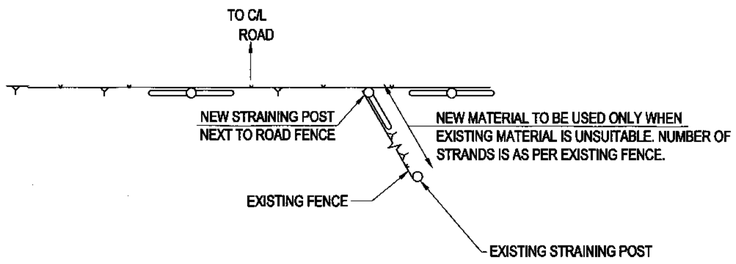
DETAIL OF
STRAINING POST

SCALE 1 : 10



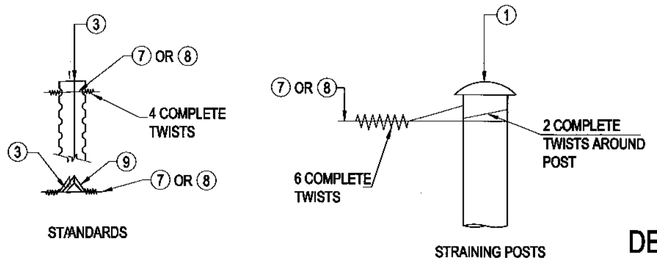
DETAIL B

SCALE 1 : 10



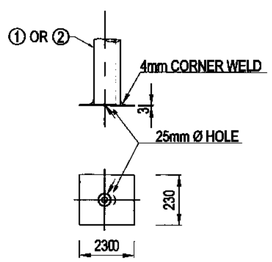
FENCING IN RELATION TO ROAD AND REPAIR
OF EXISTING FENCE IF CUT BY ROAD RESERVE

SCALE 1 : 100



FASTENING OF BARBED WIRE
TO STANDARDS, DROPPERS AND POSTS

SCALE 1 : 10



DETAIL OF FOOT PLATE

SCALE 1:20

NOTES

1. POSTS:
   2800X 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.

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

8. SMOOTH WIRE:
   3,0mm Ø HIGH TENSILE GRADE (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 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. WELDED MESH:
    100 X 50 X 2,5mm Ø (1800 HEIGHT) FULLY GALVANIZED.

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
PEDESTRIAN FENCING
WELDED MESH ON STEEL POSTS

SANRAL DOC. No. (PDF)	1693624
SANRAL DOC. No. (DWG)	1796066
SANRAL DRAWING No.	TD-R-FG-1007-V1