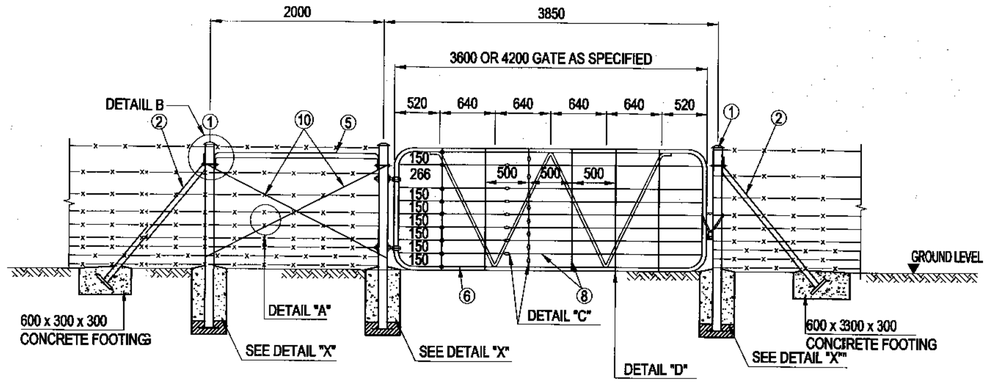


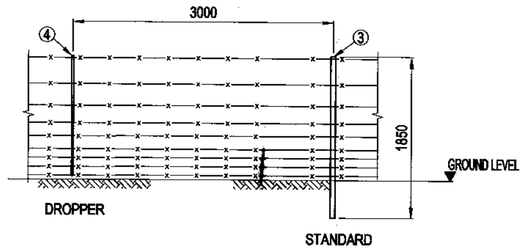
STRAINING POST DETAIL

SCALE 1:50



FENCE AND STRAINING POST DETAIL AT GATE

SCALE 1:50



STANDARDS AND DROPPERS

SCALE 1:50

NOTES

1. POSTS:
   2130 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:
   2130 X 60 Ø X 3mm MILD STEEL TUBING WITH 230 X 230 X 3mm BASE PLATE, FULLY GALVANIZED (SANS 121/ISO1461).

3. STANDARDS:
   1850 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:
   1200 X 0,56mm kg/m RIDGEBACK PATTERN (SANS 121/ISO1461), FULLY GALVANIZED IF WITHIN 25km FROM THE COAST.

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. GOVERNMENT PATTERN FARM GATE :
   MANUFACTURED FROM 42.9 Ø x 2.6mm STEEL TUBING WITH HINGES, WASHERS, BOLTS AND LOCKING CHAIN ATTACHED TO GATE (COMPLYING WITH CKS 146).
   ALL FULLY GALVANIZED (SANS 121/ISO 1461).

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

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 AND DROPPERS.

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 180m c/c
    STANDARDS 15m c/c
    DROPPERS 3m c/c

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

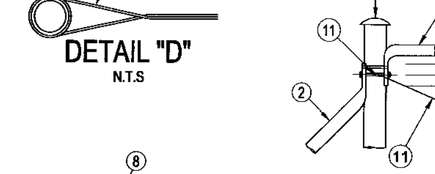
14. MINIMUM CONCRETE STRENGTH OF FOOTINGS 20 MPa AT 28 DAYS.

COMPLYING WITH CKS 82



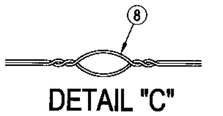
DETAIL OF STRAINING POSTS

SCALE 1:20



DETAIL "A"

N.T.S



DETAIL "D"

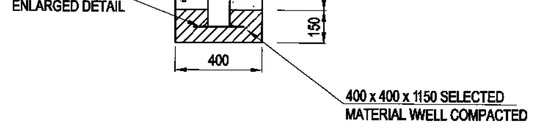
N.T.S

DETAIL B

SCALE 1:20

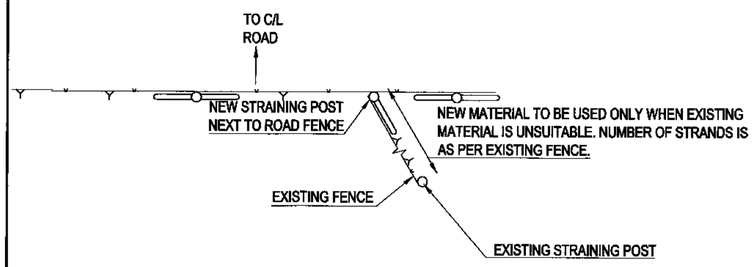
DETAIL "C"

N.T.S



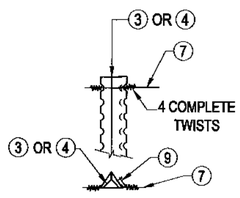
DETAILS OF POST FOOTINGS - DETAIL "X"
400 x 400 x 600

SCALE 1:20

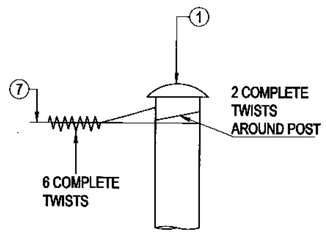


FENCING IN RELATION TO ROAD AND REPAIR OF EXISTING FENCE IF CUT BY ROAD RESERVE

SCALE 1:100



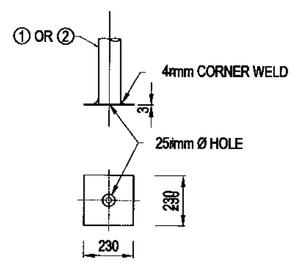
STANDARDS AND DROPPERS



STRAINING POSTS

FASTENING OF BARBED WIRE TO STANDARDS, DROPPERS AND POSTS

SCALE 1:10



DETAIL OF FOOT PLATE

SCALE 1:20

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
STOCK PROOF FENCING
9 STRANDS ON STEEL POSTS

SANRAL DOC. No. (PDF)	1692622
SANRAL DOC. No. (DWG)	1797645
SANRAL DRAWING No.	TD-R-FG-1002-V1