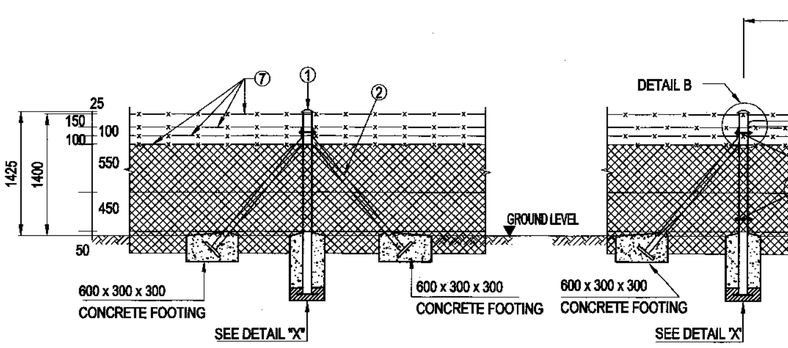
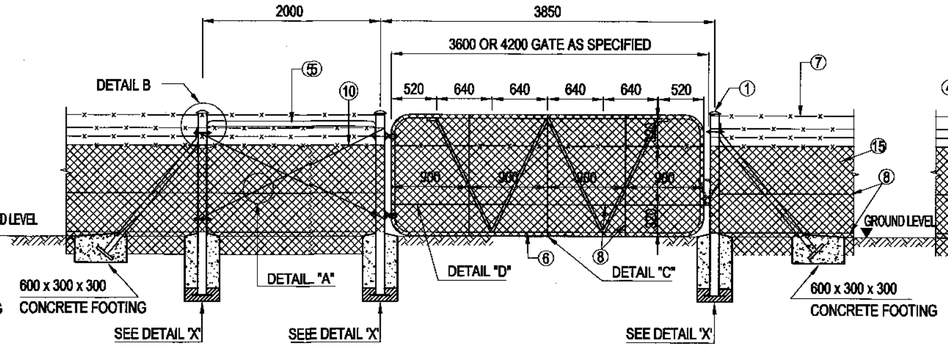


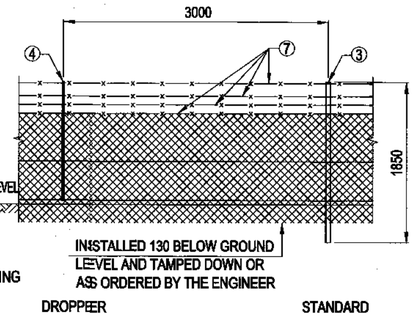
STRAINING POST DETAIL

SCALE 1:50



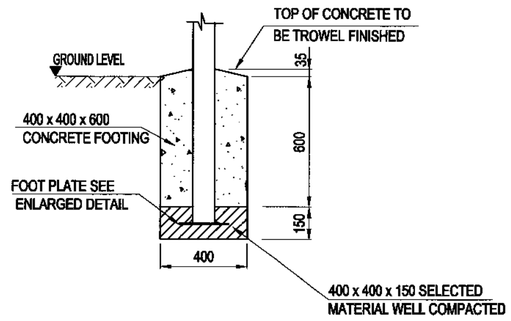
FENCE DETAIL AND STRAINING POST AT GATE

SCALE 1:50



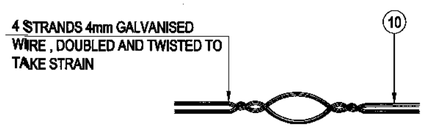
STANDARDS AND DROPPERS

SCALE 1:50



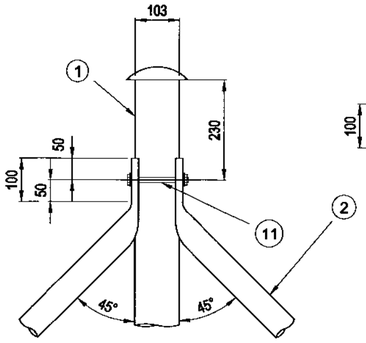
DETAILS OF POST FOOTINGS - DETAIL "X"
400 x 400 x 600

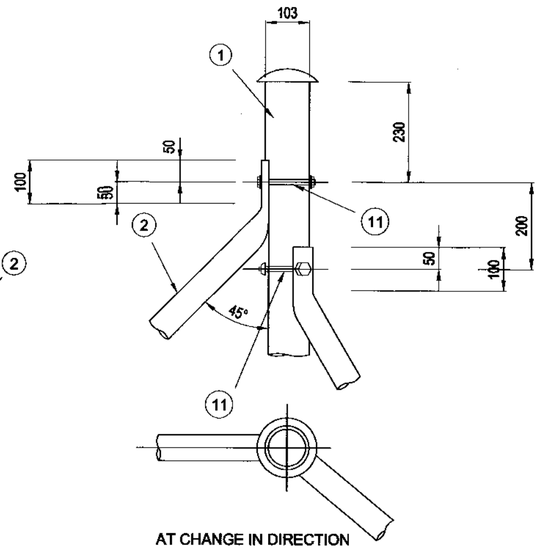
SCALE 1:20

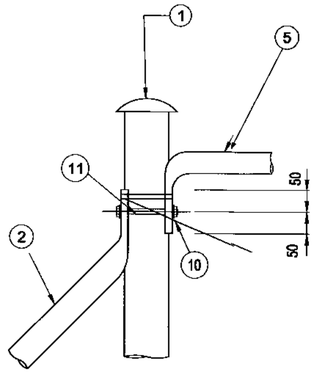


DETAIL "A"

N.T.S

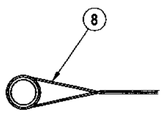






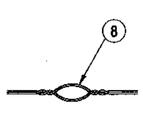
DETAIL B

SCALE 1:10



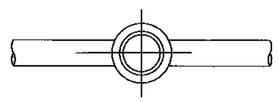
DETAIL"C"

N.T.S.



DETAIL"D"

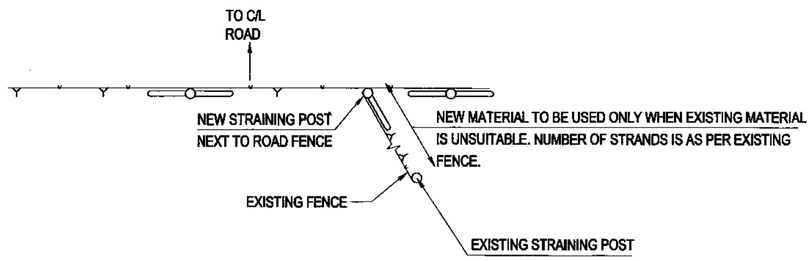
N.T.S.



ON STRAIGHT

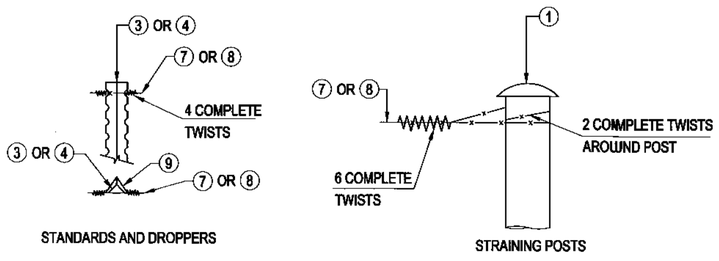
DETAIL OF STRAINING POSTS

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

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:
   1400 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 GALVANISED (SANS 121/ISO 1461).
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 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.
15. WIRE NETTING :
    75mm x 1,8mm Ø x GALVANIZED MESH

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: 2015/06/24

TYPICAL DRAWINGS - ROADWORKS

FENCING & RELATED ITEMS
VERMIN PROOF FENCING ON STEEL POSTS

SANRAL DOC. No. (PDF)	1693212
SANRAL DOC. No. (DWG)	1796852
SANRAL DRAWING No.	TD-R-FG-1005-V1