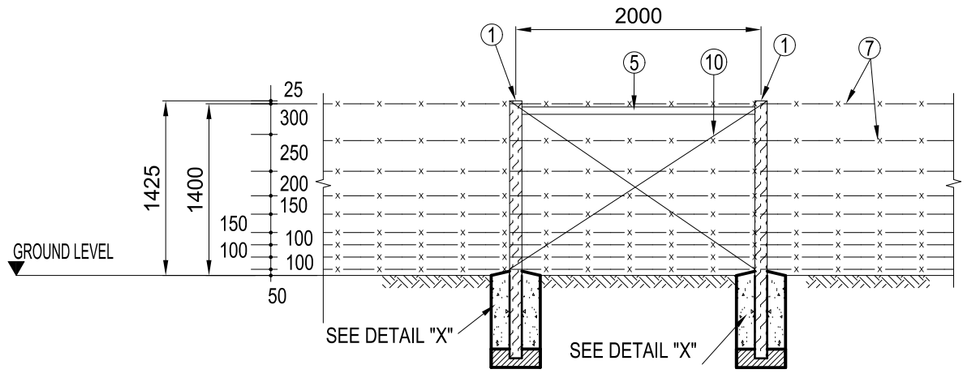
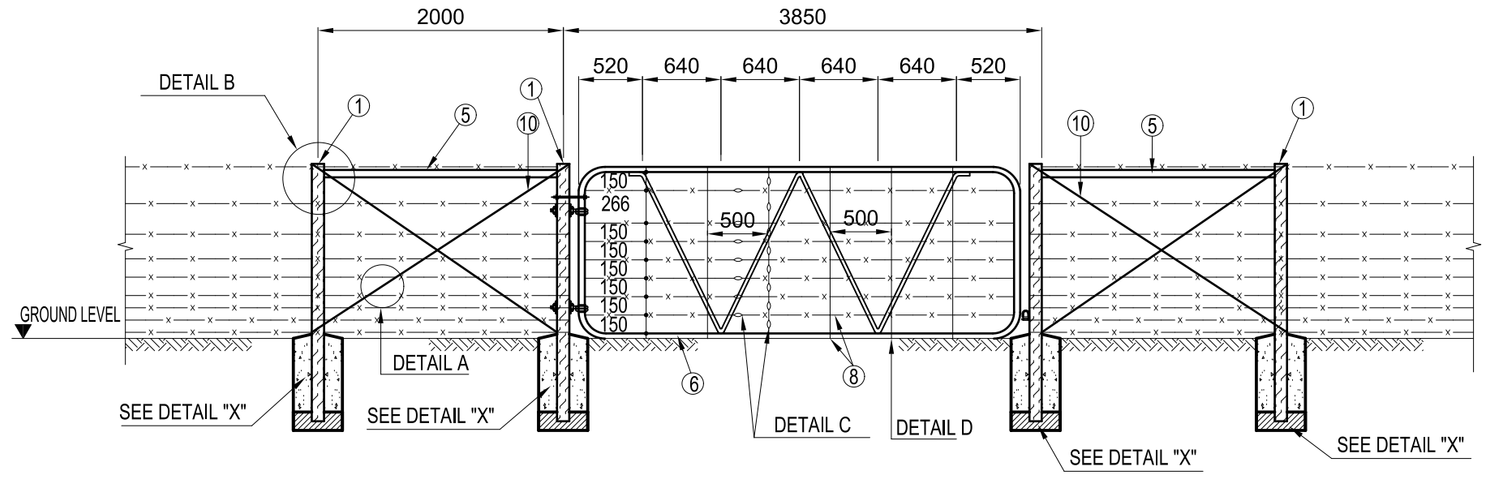


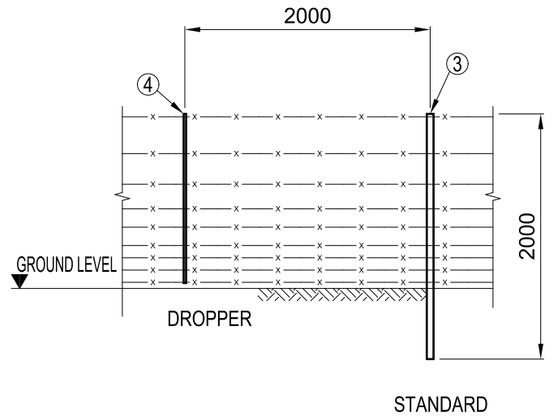

## STRAINING POST DETAIL

SCALE 1:50



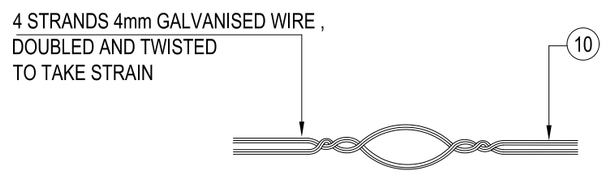

## FENCE DETAIL AT GATE

SCALE 1:50



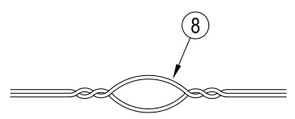

## STANDARDS AND DROPPERS

SCALE 1:50



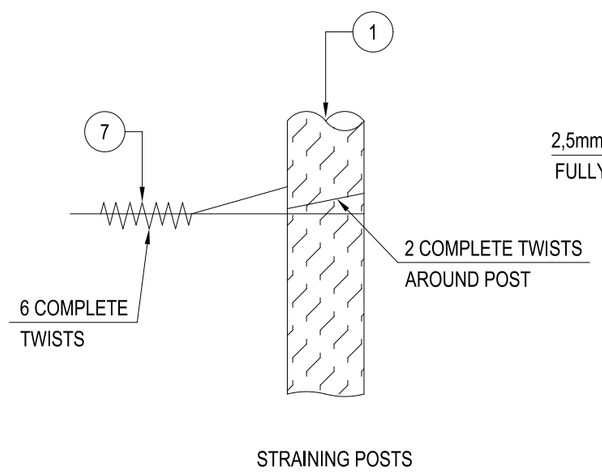

## DETAIL A

N.T.S

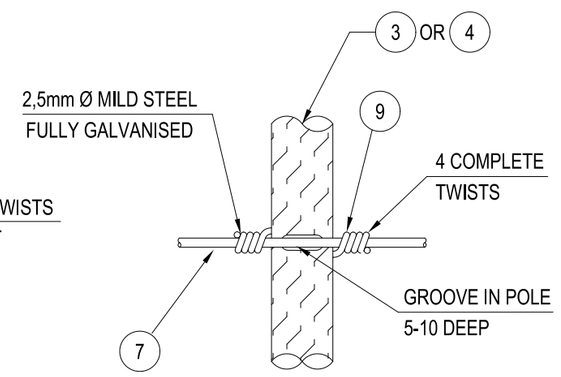


## DETAIL C

N.T.S




STRAINING POSTS




STANDARDS AND DROPPERS

NOTES

1. STRAINING POSTS:
   2100 X 125mm,NOTCHED AND ANCHORED IN CONCRETE

2. ALL TIMBER POSTS, STANDARDS AND DROPPERS SHALL COMPLY WITH SANS 457-3 AND SHALL BE TREATED IN ACCORDANCE WITH SANS 10005 WITH A CREOSOTE THAT COMPLIES WITH SANS 538 OR SANS 539.

3. STANDARDS:
   2000 X 100mm Ø, NOTCHED AND SET IN WELL COMPACTED BACKFILL.

4. DROPPERS:
   1400 X 36mm Ø.

5. CROSS BRACE SUPPORT :
   100mm Ø .

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 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).

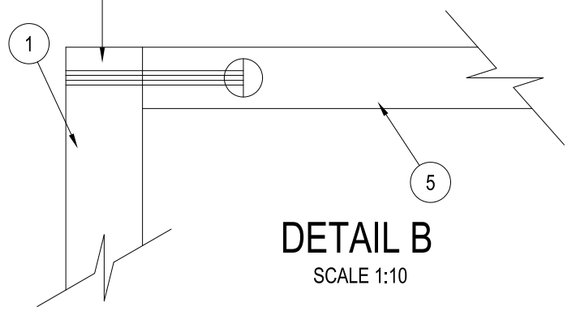
11. BOLTS FOR STAYS: NONE

12. MAXIMUM SPACING OF:
    STRAINING POSTS 180m c/c
    STANDARDS 18m c/c
    DROPPERS 2m c/c

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

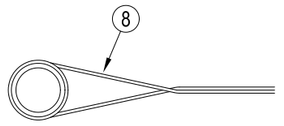
14. MINIMUM CONCRETE STRENGTH OF FOOTINGS 20 MPa AT 28 DAYS.

COMPLYING WITH CKS 82




## DETAIL B

SCALE 1:10

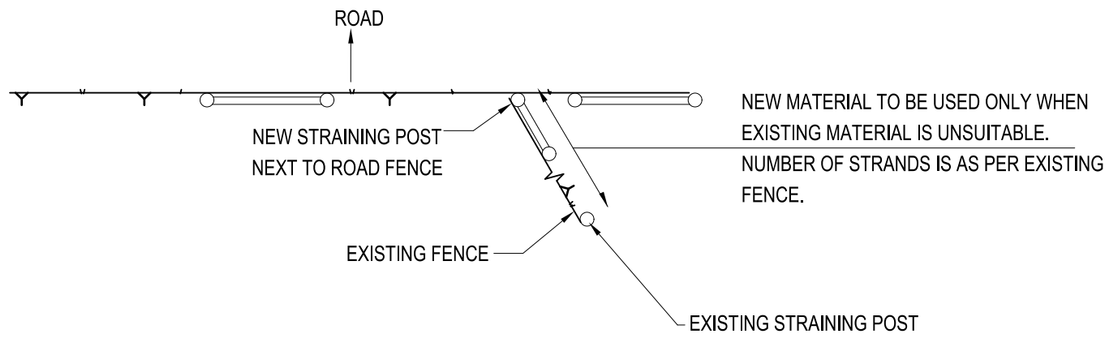


## DETAIL D

N.T.S

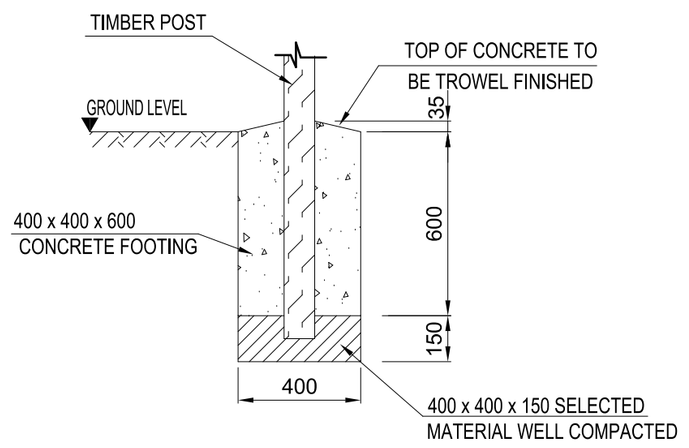
## FASTENING OF BARBED WIRE TO DROPPERS, STANDARDS AND POSTS

SCALE 1:10




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

SCALE 1:100




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

SCALE 1:20

FOR TENDER PURPOSES ONLY

| No. | DATE | REVISION | CONSULT. ENG. |
|---|---|---|---|
| V1 | SEP 2023 | ORIGINAL VERSION | |

CONSTRUCTION RECORD (AS BUILT)
WORKS CONTRACT ENGINEER
Name:
Prof, Reg, No.:
Date:
SANRAL PROJECT MANAGER
Name:
Prof, Reg, No.:
Date:

DESIGNED BY
NAME
Prof, Reg, No.
CHECKED BY
NAME
Prof, Reg, No.
DRAWN BY
NAME

CONSULTANT APPROVAL
Name :
Prof, Reg, No. :
Date :


HEAD OFFICE
48 Tambotie Avenue
Val de Grace
Pretoria
0184
P.O. Box 415
Pretoria 0001
South Africa
Tel: +27 (0) 12 844 8000

SOUTHERN REGION
20 Shoreward Drive
Bayswest
Port Elizabeth
6025
P.O.Box 24210
Bayswest
Port Elizabeth
6034
Tel: (041) 398 3200


SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
BUILDING SOUTH AFRICA THROUGH BETTER ROADS

ACCEPTANCE
THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING
for CEOs SA NATIONAL ROADS AGENCY LTD.
Date:

**PROJECT DESCRIPTION**
**THE SPECIAL MAINTENANCE ON NATIONAL ROUTE 62 SECTION 6 BETWEEN LOUTERWATER (KM 58.60) AND JOUBERTINA (KM 79.00)**

**DRAWING NAME**
**FENCING & RELATED ITEMS: STOCK PROOF FENCING 9 STRANDS ON TIMBER POSTS**

SCALE : N.T.S. SHEET 1 OF 1

| PROJECT NUMBER | SANRAL R.062-060-2021/2F | |
|---|---|---|
| DRAWING LOCATION DATA | START | END |
| ROUTE | R62 | R62 |
| SECTION | 6 | 6 |
| DRAWING km DISTANCE | 58,60 | 79,00 |
| DRAWING TYPE | FENCING | |
| BRIDGE/STRUCTURE No. | - | |
| CONSULTANT DRAWING No. | ER 2203/146 | VER. |
| SANRAL DOC No. | - | V1 |