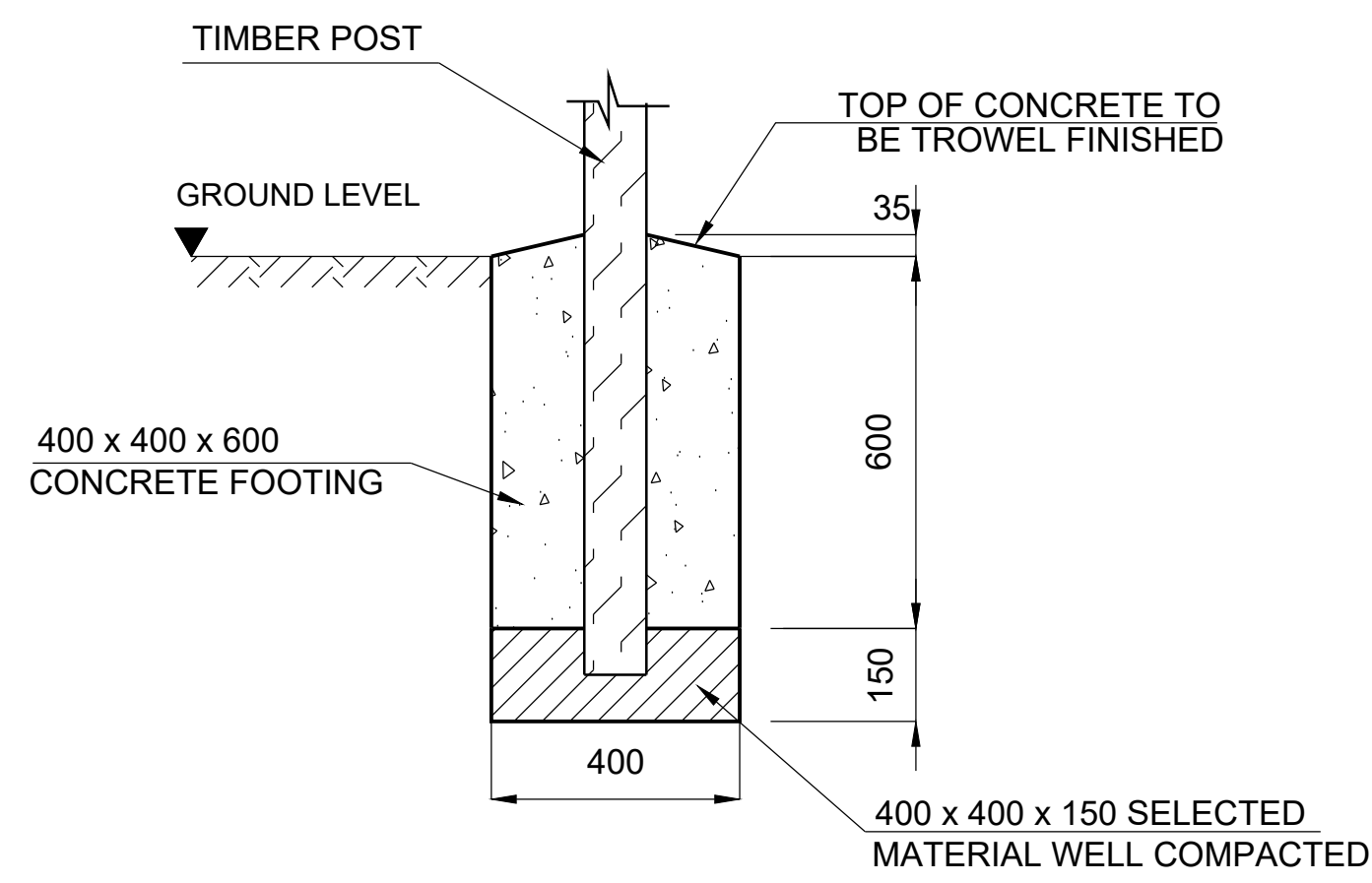


FASTENING OF BARBED WIRE TO DROPPERS, STANDARDS AND POSTS
N.T.S.




- NOTES:
- STRAINING POSTS:
2100 X 125 mm, NOTCHED AND ANCHORED IN CONCRETE.
 - ALL TIMBER POSTSM STANDARDS AND DROPPERS SHALL COMPLY WITH SANS 457-3 AND SHALL BE TREATED IN ACCORDANCE WITH SANS 10005 WITH CREOSOTE THAT COMPLIES WITH SANS 538 OR SANS 539.
 - STANDARDS:
2000 X 100mm Ø, NOTCHED AND SET IN WELL COMPACTED BACKFILL.
 - DROPPERS:
1400 X 136 mm Ø.
 - CROSS BRACE SUPPORT:
100 mm Ø
 - GOVERNMENT PATTERN FARM GATE:
MANUFACTURED FROM 42.90 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).
 - BARBED WIRE:
3.2 X 2.5 mm OVAL HIGH TENSILE GRADE SINGLE STRAND (SANS 675), FULLY GALVANISED
 - SMOOTH WIRE:
3.0 mm Ø HIGH TENSILE GRADE (SANS 675) FULLY GALVANIZED.
 - TYING WIRE:
2.5 mm Ø MILD STEEL (SANS 675), FULLY GALVANIZED FOR TYING TO STANDARDS AND DROPPERS.
 - STRAINING WIRE:
4 mm Ø MILD STEEL (SANS 675), FULLY GALVANIZED (4 STRANDS, DOUBLED AND TWISTED TO TAKE STRAIN).
 - BOLTS FOR STAYS: NONE
 - MAXIMUM SPACING OF:
STRAINING POSTS 180 m c/c
STANDARDS 15 m c/c
DROPPERS 3 m c/c
 - ALL WIRES TO BE ERECTED ON THE ROAD SIDE OF THE FENCE UNLESS OTHERWISE INSTRUCTED.
 - MINIMUM CONCRETE STRENGTH OF FOOTINGS 20 MPa AT 28 DAYS.

COMPLYING WITH CKS 82

FENCING IN RELATION TO ROAD AND REPAIR OF EXISTING FENCE IN CUT BY ROAD RESERVE
N.T.S.

FOR TENDER
(FOR TENDER PURPOSES ONLY)

				CONSTRUCTION RECORD (AS-BUILT)		DESIGNED BY		CONSULTANT APPROVAL		<div>HEAD OFFICE</div> <div>48 Tambotie Avenue Val de Grace Pretoria 0184</div> <div>PO Box 415 Pretoria 0001 South Africa</div> <div>Tel: (012) 844 8000</div> <div></div> <div>EASTERN REGION</div> <div>58 Van Eck Place Mkondeni Pietermaritzburg 3201</div> <div>PO Box 100410 Scottsville 3209</div> <div>Tel: (033) 392 8100</div>		ACCEPTANCE		PROJECT DESCRIPTION		PROJECT NUMBER		N.002-300-2020/1	
				WORKS CONTRACT ENGINEER		CHECKED BY		Name : Prof. Reg. No. : Date :				THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (km47.0) TO HLUHLUWE INTERCHANGE (km 55.0)		DRAWING LOCATION DATA		START		END	
				Name : Prof. Reg. No. : Date :		NAME		Name : Prof. Reg. No. : Date :				DRAWING km DISTANCE		ROUTE		SECTION 30		SECTION 30	
				SANRAL PROJECT MANAGER		NAME						DRAWING TYPE		SECTION		km 47.0		km 55.0	
						NAME						for the SA NATIONAL ROADS AGENCY SOC LTD.		BRIDGE/STRUCTURE No.		FENCING		N/A	
				Name : Date :		NAME		DRAWN BY				Date:		CONSULTANT DRAWING No.		TP2113-T-092		VER	
1 23/10/09		ORIGINAL										SCALE : N.T.S.		SHEET 3 OF 8					
No. DATE		REVISION		CONSULT. ENG.															