

NOTES:

1. THE POSTS AND STAYS SHALL BE DESIGNED AND MANUFACTURED BY THE TENDERER.
2. 3 m HIGH MESH TO BE SECURIFOR 358 DOUBLESKIN OR EQUAL. MESH TO BE EFFECTIVELY CORROSION PROTECTED USING A ZINC-ALU COATING.
2. STRAINING WIRES, BARBED WIRES, TIE WIRES AND ALL THE OTHER MILD STEEL PARTS MUST BE EFFECTIVELY PROTECTED FROM CORROSION BY A ZINC-COATING (CLASS A OR B), BY HOT-DIP GALVANIZING.
FOR INLAND AREAS A CLASS 'B' COATING MUST BE SPECIFIED BUT FOR COASTAL AREAS (OR INDUSTRIAL AREAS WHERE THE LEVEL OF POLLUTION IS HIGH) A CLASS 'A' COATING IS RECOMMENDED, OR OTHERWISE A CLASS 'B' COATING PROTECTED BY AN APPROVED PLASTIC COATING.
WHERE THE ZINC-COATING HAS BEEN DAMAGED IN HANDLING SUCH DAMAGE MUST BE MADE GOOD BY MEANS OF COLD GALVANIZING.

MATERIAL LIST			
ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
1	POST AND STAYS FOR 3 m HIGH FENCE GATE POST: SQUARE STEEL TUBING (GRADE 350W OR SIMILAR). 152 x 152 x 10 mm x 3 800 mm LONG, COMPLETE WITH THE NECESSARY FITTINGS. HOT-DIP GALVANIZED (CLASS A). THE POST SHALL BE CAPPED AS SHOWN AND GROUT-FILLED IN IT'S ERECTED POSITION. THIS WILL PREVENT WATER ACCUMULATING IN THE SECTION.	8	STAPLES: 8 mm DIA. 150 mm LONG. HOT-DIP GALVANIZED. PRESSED INTO THE WET KERB-CONCRETE.
		9	BOLTS AND NUTS: STAINLESS STEEL OR MILD STEEL GALVANIZED TO SANS 135/6 SPECIFICATIONS.
		10	EYE BOLTS: 10 mm DIA. (MILD STEEL) THAT MAY BE WELDED TO POSTS BEFORE POST GALVANIZING. NB: NO DRILLING, CUTTING OR WELDING SHALL BE CARRIED OUT ON MILD STEEL PARTS AFTER GALVANIZING. ALL MILD STEEL PARTS MUST BE CORRECTLY CUT, DRILLED AND WELDED BEFORE GALVANIZING.
2	INTER-STRAINING-POST, CORNER-POST AND END-POST: MILD STEEL ANGLE. 120 x 120 x 15 mm x 3 800 mm LONG, COMPLETE WITH THE NECESSARY FITTINGS. HOT-DIP GALVANIZED (CLASS A).	11	THE CONCRETE-FILLET OF THE KERBING IS OPTIONAL IF SPECIFIED.
3	INTER-POST: MILD STEEL ANGLE 70 x 70 x 10 mm x 3 800 mm LONG, HOT-DIP GALVANIZED (CLASS A).	12	3 m LONG LOCKING BAR, 70 x 5 mm FLAT BAR.
4	POST-STAYS: MILD STEEL ANGLE 70 x 70 x 10 mm x 3 800 mm LONG, COMPLETE WITH THE NECESSARY FITTINGS. HOT-DIP GALVANIZED (CLASS A).	13	50 x 50 x 5 mm EQUAL LEG ANGLE IRON TOP RAIL.
5	STRAINING WIRE: HIGH TENSILE WIRE, GAUGE NO. 8 MIN. HOT-DIP GALVANIZED (CLASS A). THE WIRE TO BE FREE FROM IMPERFECTIONS AND MUST COMPLY WITH SANS 675. BOTTOM STRAINING-WIRE OF FENCE TO BE THREADED THROUGH THE EYES OF THE STAPLES IN THE KERB CONCRETE.	14	MESH FOR FENCE DOUBLE SKIN WIRE MESH - 3,05 m x 3 m HIGH PANEL (PROTECTION - ZINC ALU SUPER) (SANS 10244-2:2004)
6	TIE-WIRE: (STRAINING-WIRE TO INTER-POST) 3,0 mm DIA. HOT-DIP GALVANIZED (CLASS A).		15
7	TIE-WIRE: (WELDED MESH TO STRAINING WIRE) 1,60 mm DIA. HOT-DIP GALVANIZED (CLASS A). (TIE-WIRES TO COMPLY WITH SANS 675).		

3/4	3 m FENCE: DETAILS	167 768/13
2/4	3 m FENCE: HINGED GATE	167 767/13
1/4	3 m FENCE FOR IMPORTANT WORKS	167 766/13
SHEET	DESCRIPTION	OTHER NO. REG. No.
LIST OF DRAWINGS		

REVISION				
MOD No.	DATE	DESCRIPTION	FOR	OKA

**DEPARTMENT OF WATER AFFAIRS
REPUBLIC OF SOUTH AFRICA**

HEAD OFFICE: CIVIL ENGINEERING, PRIVATE BAG X313, PRETORIA 0001



SEDIBENG BUILDING, 185 SCHOEMAN STREET, PRETORIA (012) 336-7500

M. SIRENYA
DIRECTOR GENERAL

CHECKED:	DATE:	DESIGN:	J. C. SWANEPOEL
ENGINEER:	DATE:	DRAWN:	J. C. SWANEPOEL
EXTERNAL APPROVAL:	DATE:		
CHIEF ENGINEER / APP (Pr. Eng):	DATE:	DIRECTOR (Pr. Eng):	DATE:

TYPE

TYPE DRAWING:
MATERIAL LIST:
3 m HIGH FENCE FOR
IMPORTANT WORK

PROVINCE:	DISTRICT:	KEYCODES:	TYP:	FDG:	SER:	-	-	OTHER NUMBER
LOCALITY No.:	ZZZZ-03	TENDER/ CONTRACT No.:	-	SHEET	REG. No.	4	OF	4
CALCULATION FILE:	ZZZZ-03			167 769/13				00