



NOTES

- ALL POSTS TO BE SET IN CONCRETE GRADE 25/19.
- ALL POSTS, STRUTS, ANGLES, BOLTS, NUTS, STRAIN BOLTS, HOOKS, ETC AND ALL GATES AND PANELS ARE TO BE HOT DIP GALVANISED AFTER FABRICATION IN ACCORDANCE WITH SANS 150 1461.
- REPAIRS TO DAMAGED GALVANISING AND UNTREATED STEELWORK TO BE IN ACCORDANCE WITH SANS 150 1460.
- GATE MOTOR TO BE CENTURION D5 SMART IN COMBINATION WITH A GALVANISED STEEL TRACK.

WHEEL KIT

INSTALL AT DIMENSION SHOWN A DOUBLE HEAVY DUTY GALVANISED STEEL GATE BOTTOM ROLLER 80mm DIA. WHEEL RADIUS WHEEL FOR A 16mm DIA. TRACK. THE BOTTOM MEMBER TO BE CUT AND SHAPED ACCORDING TO THE MANUFACTURERS DETAILS.

MESH PANELS

- 76.2 x 12.7 x 4mm WELDED MESH. MESH PANELS TO BE CONSTRUCTED FROM HIGH TENSILE STEEL A WELD STRENGTH OF 802 500MPa ULTIMATE TENSILE STRENGTH PRIOR TO WELDING. WELDING TO BE TESTED ACCORDING TO SANS 23-4.
- MESH TO BE MANUFACTURED AND ERECTED STRICTLY ACCORDING TO THE SPECIFICATION 240-76369574 AND NOTES
- Zn COATING DEPENDS ENVIRONMENTAL CLASS. NO ORGANIC MOISTURE INGRESS INHIBITOR COATING TO BE APPLIED.
- ALL ESKOM INSTALLATIONS POLLUTION LEVEL CLASSIFIED AS HIGH.
- BIND WIRE TO BE 2mm CLASS 'A' HEAVY GALVANISED HOGG RINGS. STRAIN WIRE TO BE 4mm CLASS 'A' HEAVY GALVANISED. EYE BOLT TO BE STAINLESS STEEL OR GALVANISED ACCORDING TO SANS 121. RAZOR COIL AS STANDARD. FENCING WIRE TO CONFORM WITH SANS 675

FINAL DESIGN FOR CONSTRUCTION

APPROVED BY	A. NAMELI	Eskom Holdings SOC Ltd Reg No 2002/015527/30
CHECKED BY	P. DOOLE	
DATE	14-6-2021	
DRIVEN BY		
DATE	9-6-2021	
SCALE	AS SHOWN	
SECURITY FENCE		
SUBSTATION ACCESS GATES		
SINGLE 8,6m GATE WITH NO MIDDLE POST		
LAYOUT, SECTIONS AND DETAILS		
SHEET NUMBER	6	REVISION
SCALE	0.54/10230	1