



- NOTES**
- ALL POSTS AND STRUTS TO BE SET IN CONCRETE GRADE 20/19. 12mm CONSTRUCTION JOINTS TO BE FORMED EQUALLY SPACED AT 4500mm CRS. MIN.
  - INTERMEDIATE POSTS TO BE ERECTED EQUALLY SPACED AT 4500mm CRS. MIN.
  - WHEREVER DISTANCES BETWEEN CORNER POSTS EXCEED 90m DOUBLE STRUTTED STRAIN POSTS SHALL BE ERECTED EQUALLY SPACED AT NOT MORE THAN 60m CRS.
  - 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 NWS 1404.
  - REPAIRS TO DAMAGED GALVANISING AND UNTREATED STEELWORK TO BE IN ACCORDANCE WITH NWS 1404.
  - AT ALL GATE AND REMOVABLE PANEL OPENINGS, THE STRAIN WIRE EYE BOLTS AND HOOK BOLTS SHALL BE ARRANGED WITH THE MINIMUM POSSIBLE PROTRUSION INTO SUCH OPENINGS, THE STRAINING BEING TAKEN UP AT THE NEAREST STRAIN POST. IF NO STRAIN POST, BUT ANOTHER GATE POST SHOULD BE THE NEXT STRAIN POINT AVAILABLE, THE ABOVE BOLTS SHALL BE CUT OFF AND PEENED OVER AT NUT, BOLT ENDS TO BE REPAIRED IN ACCORDANCE WITH NWS 1404.
  - ALL FENCE WIRE TO COMPLY WITH S.A.B.S. 675.

- FENCES ARE TO BE 1830mm HIGH GALVANISED FENCE OR PVC COATED AS SPECIFIED  
PVC COATED MESH WIRE :  
GREEN PVC COATED DIAMOND MESH 1800x64x2,50/3,30  
GALVANISED FENCE WIRE :  
64xφ2,5mm GALVANISED DIAMOND MESH SUPPORTED ON THREE φ4mm GALVANISED STRAIN WIRES.  
IN MAKING OFF THE UPPER EDGE OF THE MESH, THE RAG END MUST BE GALVANISED UP PROVIDING BARBS AS SHOWN ON THE CORNER POST DETAILS. POSTS ARE PROVIDED WITH TWO SETS OF HOLES FOR THE STRAIN WIRES. THE MESH TO BE STRAINED BY MEANS OF φ10mm GALV HOOK BOLTS ENGAGED WITH φ12mm ROD PASSED VERT THROUGH THE END COIL OF THE MESH. THE STRAIN WIRE TO BE STRAINED WITH φ10mm GALV STRAIN BOLT 100mm LONG.
- φ6mm HOLES TO BE DRILLED TO BOTTOM OF REMOVABLE PANEL, AT ±300 CRS., BEFORE GALVANISED
- GRADIENT TO BE CONSTANT BETWEEN STRAIN POINTS.

THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 0.54/4963 SHEETS 2, 3, & 4

3	D.J.C.S.	17/5/16	NOTE B AMENDED.	AT	BH	4963 SH 5	EARTHING CLAMP FOR S/S GATES
2	D.J.C.S.	21/2/13	POST FOUNDATION REVISED. ADD SHT. 5	C.F.	D.S.	4963 SH 4	FENCE GATE HINGE DETAIL
1	D.J.C.S.	5.8.98	KERB DETAIL FOR STONE VERGE REVISED	D.J.C.S.		4963 SH 3	FENCE POSTS DETAILS
0			FIRST ISSUE / EERSTE UITREIKING			4963 SH 2	FENCE GATE DETAILS
REV	AUTH	DATE	REVISION/REVISED	BY	CHKD	0.54/	REFERENCE DRAWINGS VERWYSINGSTEKENINGE
DRG. TEK. REGISTR.							
TRANSMISSION TECHNOLOGY DEPARTMENT				HV YARD SAFETY FENCE WITH STEEL POSTS ARRANGEMENT FOUNDATION DETAILS			
ESKOM				COEDGEKUR			
PLOT SCALE 1:150				CAD DRAWING NAME: HVFENCEL.DGN			
CHD NAGES: D.Senekal				APPROVED: M vd ENDE			
DRAWN GETEKEN: [Signature]				95 12 06			
SCALE SKAAL: 1:15				0.54/4963			
				SHEET 1			
				3			