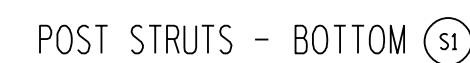
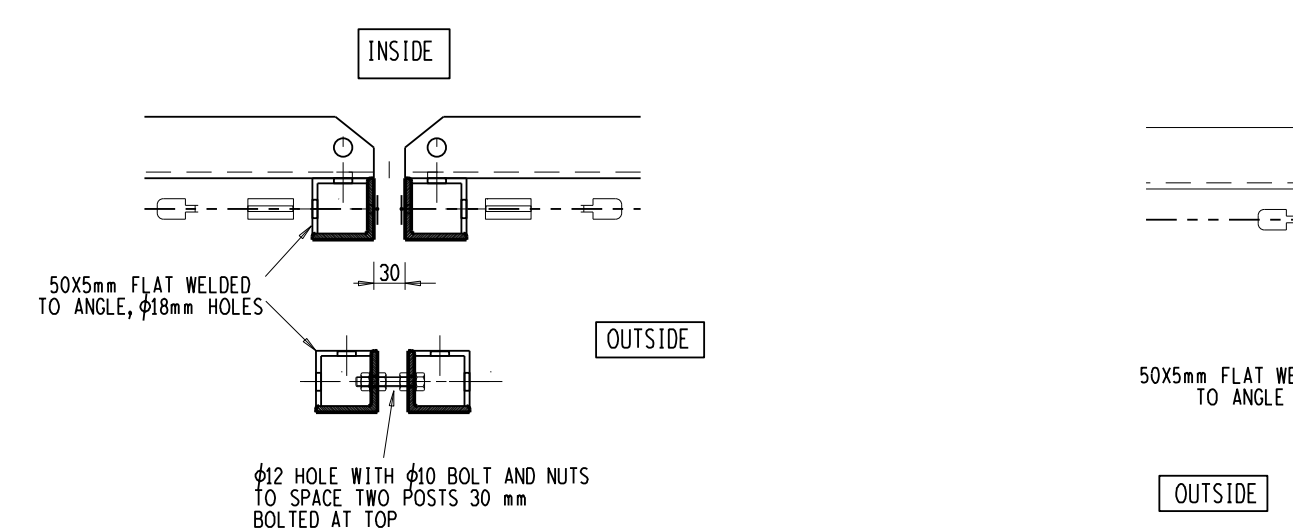


NOTE:

10. IN-LINE STRAIN POST SHALL COMPLY WITH REQUIREMENTS OF SECTION 3.5.1 AND 3.5.2.3 OF ESKOM SPECIFICATION (240-79890848)
11. THE NUMBER OF STRUTS PER STRAIN POST SHALL BE 4 AS REFLECTED ON THIS DRAWING THOUGH THE SPECIFICATION STIPULATES ONLY TWO STRUTS
12. FOR CORNER STRAIN POSTS REFER TO SECTION 3.5.2.4 OF ESKOM SPECIFICATION (240-79890848)
13. INTERMEDIATE POST AS PER CLAUSE 3.5.2.5 OF (240-79890848)
14. CONCRETE SLAB SHALL BE AS PER DRAWING
15. ALL STEEL TO BE S255JR ALL WELDS TO BE 6mm FILLET U.O.N.



The diagram illustrates a welded connection between a strut and a flat plate. On the left, a vertical section of a 'STRUT 60x60x6 ANGLE' is shown. This strut is connected to a horizontal '100x100x6mm FLA' (flat plate) on the right. The connection is made by welding the 'ANGLE WELDED TO FLAT'. The flat plate has a width of 100 units and a thickness of 6mm. The strut is positioned such that its vertical leg is 100 units from the left edge of the flat plate, and its horizontal leg is 100 units from the top edge of the flat plate.



Technical drawing showing the assembly of a 50x50mm flat welded to an angle. The drawing includes dimensions and labels for the components and assembly details.

**Dimensions:**

- Overall width: 70
- Overall height: 70
- Flat width: 50
- Flat height: 50
- Angle height: 40
- Distance from flat center to angle center: 70
- Distance from flat center to post center: 70
- Distance from angle center to post center: 70

**Labels:**

- INSIDE** (top right)
- OUTSIDE** (bottom left)
- 50x50mm FLAT BOLTED TO POST AT TOP. Ø2mm HOLES. TO SPACE POSTS** (top right, pointing to the top flat)
- 50x50mm FLAT WELDED TO ANGLE** (bottom left, pointing to the bottom flat)

Technical drawing of a wall bracket showing dimensions and assembly details. The drawing includes a side view and a top view. The side view shows a bracket with a vertical post and a horizontal base. The top view shows the bracket's footprint on the wall. Dimensions are given in millimeters (mm). The vertical post has a diameter of 50x55mm. The horizontal base has a width of 100mm and a height of 70mm. The bracket is mounted to a wall with 12mm holes. The drawing is labeled "INSIDE" and "OUTSIDE".

50x55mm FLAT BOLTED TO POST AT TOP, 12mm HOLES TO SPACE POSTS

100  
70  
40

40  
70  
100

INSIDE

OUTSIDE


DETAIL 4

THIS DRAWING HAS BEEN CREATED ON A C.A.D. SYSTEM.  
ANY AMENDMENT MUST BE EFFECTED ON THE SAME SYSTEM.

NOTES

1. ALL POSTS AND STRUTS TO BE SET IN CONCRETE GRAD 35/19.
2. INTERMEDIATE POSTS TO BE ERECTED EQUALLY SPACED AT 3.0m CS/MAX.
3. THEREAFTER DISTANCES BETWEEN CORNER POSTS EXCEED 60m DOUBLE STRUTTED STRAIN POSTS SHALL BE ERECTED EQUALLY SPACED AT NOT MORE THAN 60.0m CS.
4. ALL POSTS, STRUTS, ANGLES, BOLTS, NUTS, STRAIN BOLTS, HOOKS, ETC. ARE TO NOT BE GALV. GALVATED AFTER FABRICATION IN ACCORDANCE WITH SANS 1212.
5. REPAIRS TO DAMAGED GALVANISING AND UNTREATED STEELWORK TO BE IN ACCORDANCE WITH SANS 1212.
6. ALL CONDUCTORS, WIRES, HT CABLES, INSULATOR CABLES AND FERRULES TO BE IN ACCORDANCE WITH SOUTH AFRICAN STANDARD SPECIFICATION (SANS 198080:04) FOR NON-LETHAL ENERGIISED PERIMETER DETECTION SYSTEM.
7. GRADIENT TO BE CONSTANT BETWEEN STRAIN POINTS.
8. SIZE OF HOLES FOR CONDUCTOR WIRE SUPPORTS AND CONDUCTOR TENSIONERS TO SUIT MANUFACTURERS REQUIREMENTS.
9. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE SECURITY FENCE LAYOUT.

FOR TENDER

FOR TENDER										- Sh 1		VIDEOCAM LAYOUT					
										- Sh 2		BOSLOOP LAYOUT					
										- Sh 3		NOTOGEDAGHT AND WINTERSHED LAYOUT					
00	0	FOR TENDER															
D.O.	REV	DATE	** REVISION **								REV	CHKD	AUTH	KKS			
			INDEX REFERENCE :								BY	BY	BY	APP			
DRG REGISTR			APPROVED BY :								0.80/6133 REFERENCE DRAWINGS						
KKS APP											KOMATI WATER SCHEME SECURITY FENCE UPGRADE ENERGISED FENCE DETAILS OF POSTS AND STRUTS						
AUTH BY																	
CHKD BY			ESKOM HOLDINGS LTD. REG. No. 2002/015521/06														
DRAWN BY			 Eskom												0.80 / 6133		REV
SCALE															AS SHOWN		
													SHEET 4				

# KOMATI WATER SCHEME SECURITY FENCE UPGRADE ENERGISED FENCE DETAILS OF POSTS AND STRUTS



0.80 / 6133

REV
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SIZE