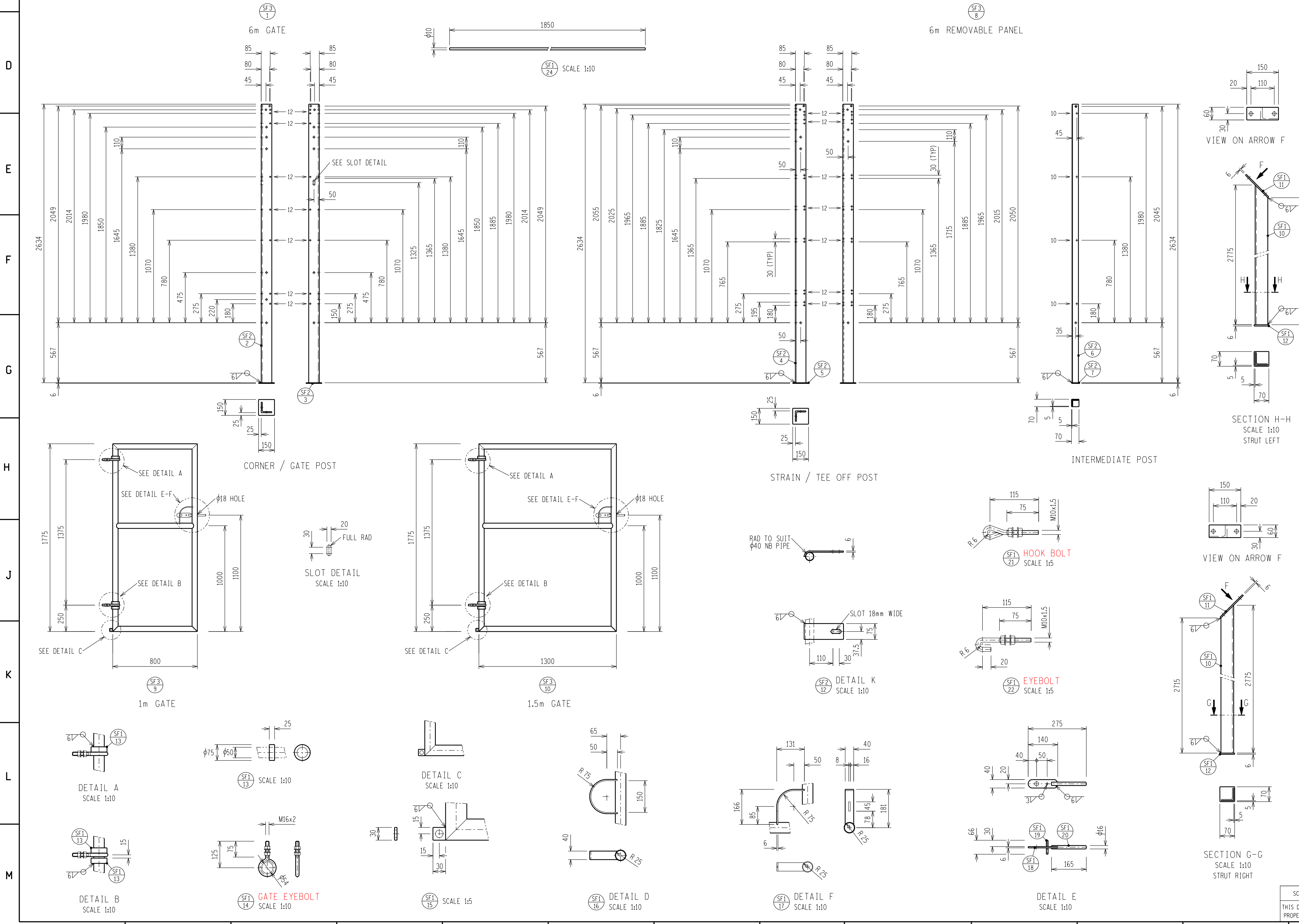


- NOTES:
- 1 ALL WELDING AND WELDING SYMBOLS SHALL CONFORM TO SANS 10044 PART 1 TO 5.
  - 2 ALL STRUCTURAL USE OF STEEL TO CONFORM TO SANS 10162.
  - 3 GRADE OF STEEL TO BE SANS 1431 GRADE 350WA.
  - 4 ALL WELDS TO BE SEALED WELDED.
  - 5 STEELWORK TO BE HOT DIP GALVANISED TO SANS 121.
  - 6 STEELWORK TO BE CHECKED AND STRAIGHTENED AFTER GALVANISING.
  - 7 ALL MARKINGS TO BE STAMPED ON TO STEELWORK AND SHALL BE CLEARLY LEGIBLE AFTER GALVANISING.
  - 8 NO STEEL EXTENSIONS WILL BE ALLOWED ON ANY STEELWORK.
  - 9 NO SECTIONS TO BE BUTT WELDED.
  - 10 BOLTS, NUTS & WASHERS TO BE IN ACCORDANCE WITH SANS 1700.
  - 11 ALL STEELWORK TO BE FABRICATED, ERECTED AND LEVELLED TO A TOLERANCE OF + - 1.5mm.
  - 12 DRILL  $\phi 6$  BREATHING HOLES INTO ALL SEAL WELDED TUBES FOR GALVANISING.
  - 13 ALL HOLES TO BE 18mm DIA. UNLESS OTHERWISE STATED.

ITEM	QTY	SCHEDULE OF MATERIAL	CUTTING LENGTH (mm)	TOTAL LENGTH (m)	TOTAL MASS (kg)
1	6m GATE (2 X PANELS)				
SF3 1	1	MILD STEEL TUBING $\phi 40$ NB - MED CLASS	-	30.76	96.87
1	CORNER / GATE POST				
SF2 2	1	MILD STEEL ANGLE 100 x 100 x 10	2634	2.63	39.51
SF2 3	1	MILD STEEL PLATE 150 x 6	150	0.15	1.41
1	STRAIN / TEE OFF POST				
SF2 4	1	MILD STEEL ANGLE 100 x 100 x 10	2634	2.63	39.51
SF2 5	1	MILD STEEL PLATE 150 x 6	150	0.15	1.41
1	INTERMEDIATE POST				
SF2 6	1	MILD STEEL ANGLE 60 x 60 x 6	2634	2.63	14.28
SF2 7	1	MILD STEEL FLAT BAR 70 x 6	70	0.07	0.20
1	6m REMOVABLE PANEL				
SF3 8	1	MILD STEEL TUBING $\phi 40$ NB - MED CLASS	-	29.04	91.47
1	STRUT LEFT & RIGHT				
SF1 10	1	MILD STEEL ANGLE 60 x 60 x 6	2775	2.77	15.01
SF1 11	1	MILD STEEL FLAT BAR 60 x 6	150	0.15	0.42
SF1 12	1	MILD STEEL FLAT BAR 70 x 6	70	0.07	0.20
1	1m GATE				
SF3 9	1	MILD STEEL TUBING $\phi 40$ NB - MED CLASS	-	7.56	18.74
1	1.5m GATE				
SF3 10	1	MILD STEEL TUBING $\phi 40$ NB - MED CLASS	-	7.45	23.47
DETAILS A - E					
SF1 13	3	MILD STEEL ROUND BAR $\phi 75$	25	0.80	0.37
SF1 14	2	MILD STEEL ROUND BAR $\phi 16$	170	0.34	0.54
SF1 15	1	MILD STEEL FLAT BAR 30 x 6	30	0.03	0.04
SF1 16	1	MILD STEEL FLAT BAR 40 x 6	346	0.35	0.72
SF1 17	1	MILD STEEL FLAT BAR 40 x 6	260	0.26	0.49
SF1 18	1	MILD STEEL FLAT BAR 40 x 6	140	0.14	0.26
SF1 19	1	MILD STEEL ROUND BAR $\phi 8$	66	0.07	0.01
SF1 20	1	MILD STEEL ROUND BAR $\phi 16$	170	0.17	0.27
SF1 21	1	MILD STEEL ROUND BAR $\phi 10$	156	0.16	0.25
SF1 22	1	MILD STEEL ROUND BAR $\phi 10$	155	0.15	0.25
SF1 23	1	STEEL CHAIN $\phi 8$ LINK	800	0.08	0.30
SF1 24	1	MILD STEEL ROUND BAR $\phi 10$	1850	1.85	1.14
SF2 12	4	MILD STEEL FLAT BAR 75 x 6	196	0.79	2.77



THIS DRAWING IS THE NEW OFFICIAL REVISION AND IT SUPERSEDES ALL OTHER PUBLISHED DRAWINGS		D-DT-5237	SHEET 2A	ASSEMBLY AND SECTIONS
1		DRAWING UPDATED	NSH	BWH
0		FIRST ISSUE	19/02/2018	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH
				DATE
				PROJECT NO.
Eskom		SECURITY FENCE		
AUTH: B HILL		1.8m STEEL POST & DIAMOND MESH		
DATE: 22/02/2012		WITH NO OVERHANG		
CHKD: N WEBBER		MANUFACTURING DETAILS		
DATE: 22/02/2012		D-DT-5237		
DRAWN: G BEETGE		SET		
DATE: 22/02/2012		SHEET		
THIS DRAWING IS THE PROPERTY OF ESKOM		REVISION		
SCALE: 1:20		2B		
		1		