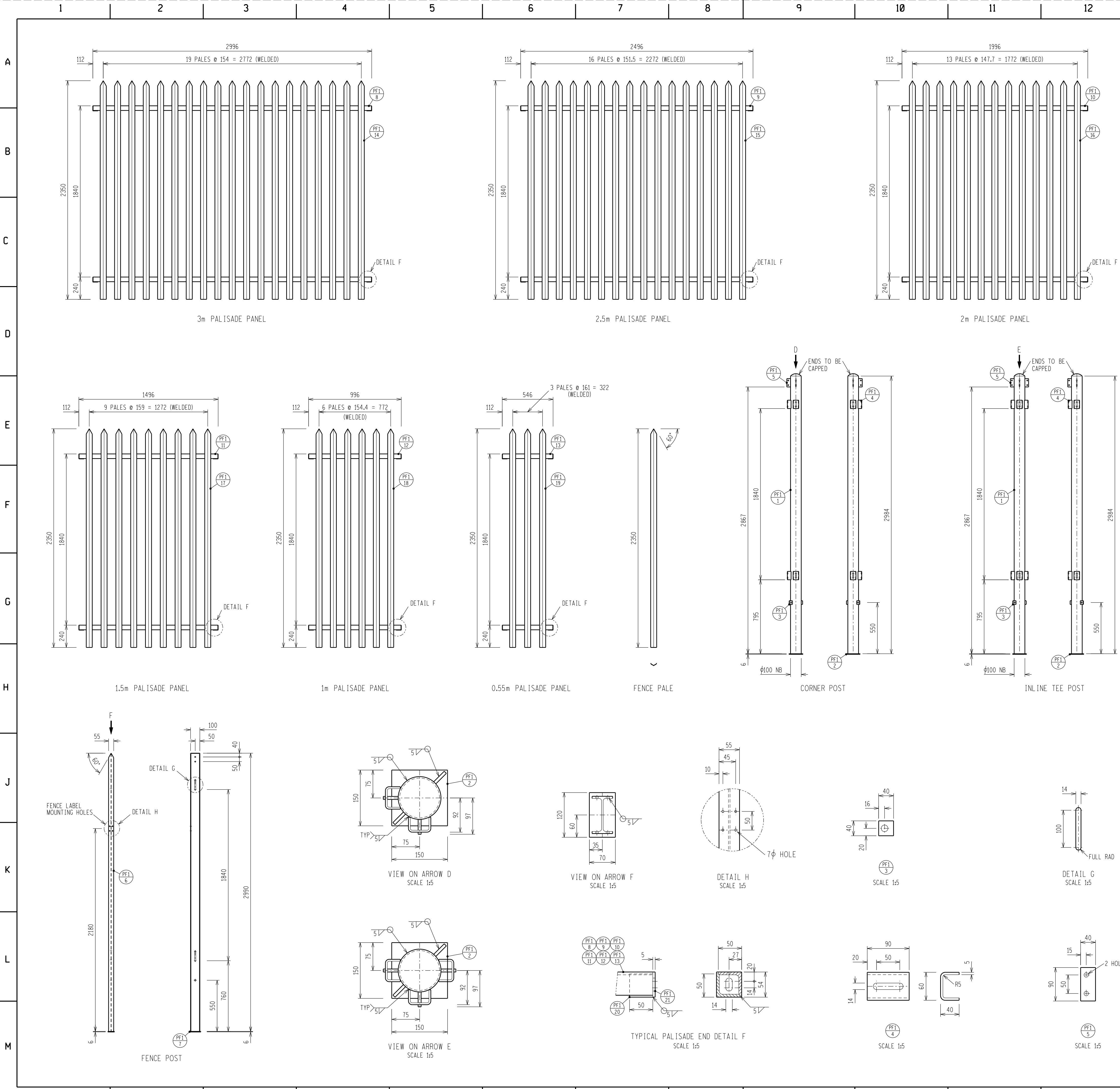
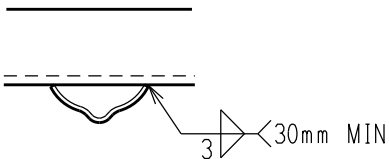




- NOTES:
- 1 ALL WELDING AND WELDING SYMBOLS SHALL CONFORM TO SANS 10044 PART 1 TO 5.
 - 2 ALL STRUCTURAL USE OF STEEL TO CONFORM TO SANS 10162.
 - 3 GRADE OF STEEL TO BE SANS 1431 GRADE 350WA.
 - 4 ALL WELDS TO BE SEALED WELDED.
 - 5 STEELWORK TO BE HOT DIP GALVANISED TO SANS 121.
 - 6 STEELWORK TO 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 ALL STEELWORK TO BE FABRICATED, ERECTED AND LEVELLED TO A TOLERANCE OF + - 1.5mm.
 - 11 DRILL $\phi 6$ BREATHING HOLES INTO ALL SEAL WELDED TUBES FOR GALVANISING.
 - 12 POST FOOT PLATE TO BE TAG WELDED ONLY.
 - 13 ALL HOLES TO BE $\phi 18$ UNLESS OTHERWISE STATED.

ITEM	QTY	SCHEDULE OF MATERIAL	CUTTING LENGTH (mm)	TOTAL LENGTH (m)	TOTAL MASS (kg)
	1	CORNER POST			
PF1-1	1	MILD STEEL TUBING $\phi 100$ NB - MED CLASS	2984	2.98	31.65
PF1-2	1	MILD STEEL PLATE 150 x 6	150	0.15	1.06
PF1-3	2	MILD STEEL FLAT BAR 40 x 6	40	0.08	0.15
PF1-4	4	MILD STEEL PLATE 90 x 5	134	0.54	1.88
PF1-5	2	MILD STEEL FLAT BAR 40 x 6	90	0.18	0.34
	1	INLINE TEE POST			
PF1-1	1	MILD STEEL TUBING $\phi 100$ NB - MED CLASS	2984	2.98	31.65
PF1-2	1	MILD STEEL PLATE 150 x 6	150	0.15	1.06
PF1-3	2	MILD STEEL FLAT BAR 40 x 6	40	0.08	0.15
PF1-4	6	MILD STEEL PLATE 90 x 5	134	0.80	2.79
PF1-5	3	MILD STEEL FLAT BAR 40 x 6	90	0.27	0.51
	1	FENCE POST			
PF1-6	1	IPE 100 x 55 x 6,7kg/m	2990	2.99	19.78
PF1-7	1	MILD STEEL PLATE 120 x 6	70	0.07	0.40
	1	3m / 2.5 / 2m / 1.5m / 1m / 0.55m PALISADE PANEL			
PF1-8	2	MILD STEEL ANGLE 50 x 50 x 6 (3m)	2986	5.97	26.68
PF1-9	2	MILD STEEL ANGLE 50 x 50 x 6 (2.5m)	2486	4.97	22.22
PF1-10	2	MILD STEEL ANGLE 50 x 50 x 6 (2m)	1986	3.97	17.75
PF1-11	2	MILD STEEL ANGLE 50 x 50 x 6 (1.5m)	1486	2.97	13.28
PF1-12	2	MILD STEEL ANGLE 50 x 50 x 6 (1m)	986	1.97	8.81
PF1-13	2	MILD STEEL ANGLE 50 x 50 x 6 (0.55m)	536	1.07	4.79
PF1-14	19	STD PALISADE 'D' SECTION 65 x 3 x 22 (3m)	2350	44.65	72.33
PF1-15	16	STD PALISADE 'D' SECTION 65 x 3 x 22 (2.5m)	2350	37.60	60.91
PF1-16	13	STD PALISADE 'D' SECTION 65 x 3 x 22 (2m)	2350	30.55	49.49
PF1-17	9	STD PALISADE 'D' SECTION 65 x 3 x 22 (1.5m)	2350	21.15	34.26
PF1-18	6	STD PALISADE 'D' SECTION 65 x 3 x 22 (1m)	2350	14.10	22.84
PF1-19	3	STD PALISADE 'D' SECTION 65 x 3 x 22 (0.55m)	2350	7.03	11.39
PF1-20	4	MILD STEEL ANGLE 50 x 50 x 6	50	0.20	0.89
PF1-21	4	MILD STEEL PLATE 54 x 5	54	0.22	0.55



PALE WELD DETAIL
SCALE 1:5

D-DT-5237	SHEET 7L	ELECTRIC FENCE (BEHIND) MANUFACTURING DETAILS	D-DT-5237	SHEET 7D	ELECTRIC GATES ASSEMBLY & SECTIONS
D-DT-5237	SHEET 7K	ELECTRIC FENCE (BEHIND) ASSEMBLY & SECTIONS	D-DT-5237	SHEET 7F	MANUAL GATES MANUFACTURING DETAILS
D-DT-5237	SHEET 7J	ELECTRIC FENCE (TOP) ASSY & MANUFACT. DETAILS	D-DT-5237	SHEET 7E	MANUAL GATES ASSEMBLY & SECTIONS
D-DT-5237	SHEET 7I	ELECTRIC GATES 5m MANUFACTURING DETAILS	D-DT-5237	SHEET 7C	SLOPING PANELS MANUFACTURING DETAILS
D-DT-5237	SHEET 7H	ELECTRIC GATES 4m MANUFACTURING DETAILS	D-DT-5237	SHEET 7A	PANELS ASSEMBLY & SECTIONS
DRG NO.	SHEET NO.	REFERENCE DRAWINGS:	DRG NO.	SHEET NO.	REFERENCE DRAWINGS:

THIS DRAWING IS THE NEW OFFICIAL REVISION AND IT SUPERSEDES ALL OTHER PUBLISHED DRAWINGS					
2	CHANGED QUANTITY OF PF1/4.	BHM	NSH	NMW	13/02/2018
1	UPDATED DRAWING.	BHM	NSH	NMW	30/06/2016
0	FIRST ISSUE				

 Eskom		SECURITY FENCE 2.4m STEEL PALISADE PANELS MANUFACTURING DETAILS			
AUTH:	B HILL				
DATE:	26/04/2012				
CHKD:	N WEBBER				
DATE:	22/04/2012	D-DT-5237	SET	SHEET	REVISION
DRAWN:	G BEETGE			7B	2
DATE:	22/04/2012				

SCALE 1:20
THIS DRAWING IS THE
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