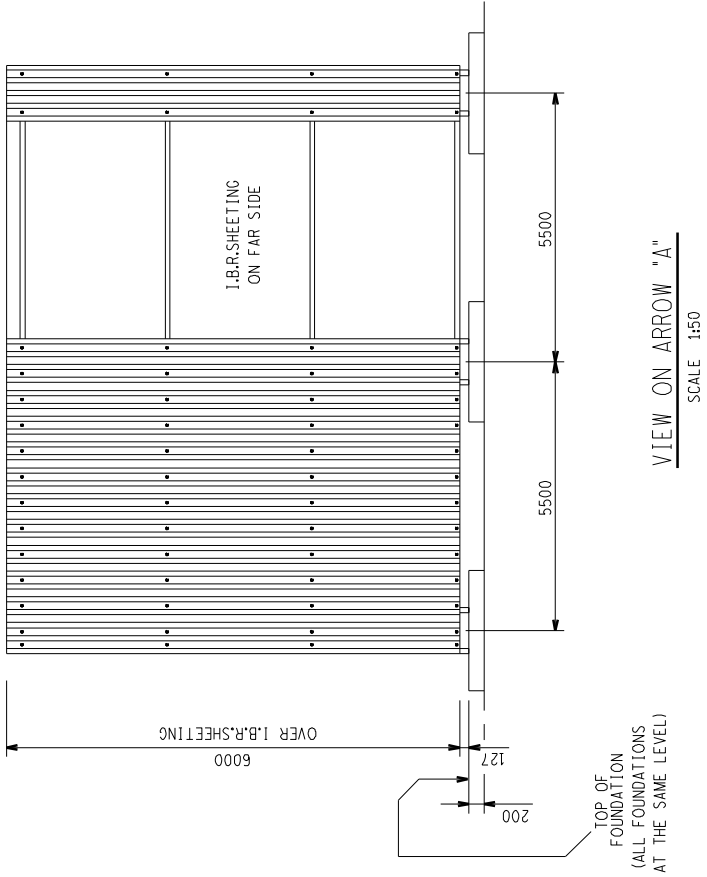
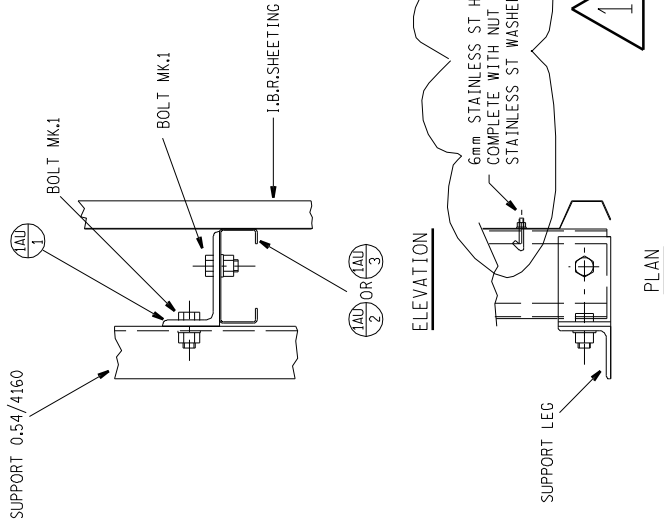


TYPICAL PLAN VIEW
OF FIRE BARRIER

SCALE 1:50
FOR POSITION & EARTHING OF FIRE BARRIER
REFER TO SUBSTATION YARD FOUNDATION LAYOUT.
LAYOUT TO BE IN ACCORDANCE WITH
FIRE PROTECTION STANDARD FP231/7/5.

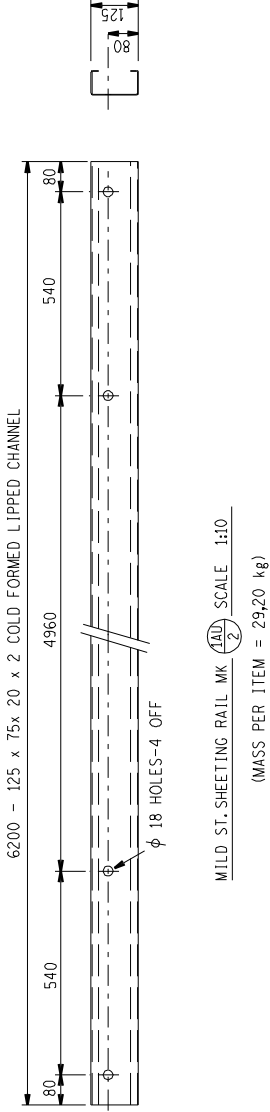


VIEW ON ARROW "A"
SCALE 1:50

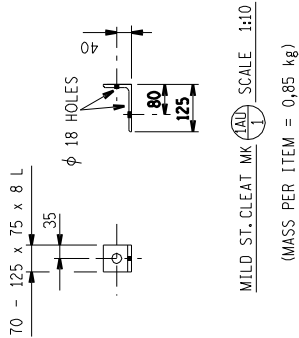


ARRANGEMENT OF
I.B.R. SHEETING FIXING

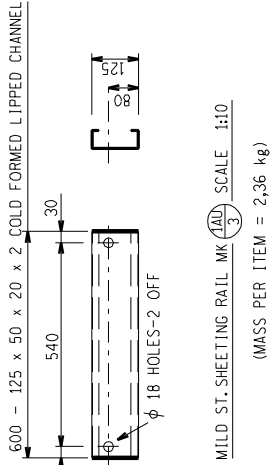
SCALE 1:5



MILD ST. SHEETING RAIL MK (ALU) 2 SCALE 1:10
(MASS PER ITEM = 29,20 kg)



MILD ST. CLEAT MK (ALU) 1 SCALE 1:10
(MASS PER ITEM = 0,85 kg)



MILD ST. SHEETING RAIL MK (ALU) 3 SCALE 1:10
(MASS PER ITEM = 2,36 kg)

MASS--kg (MILD STEEL PARTS)		
MODULE	MILD STEEL	BOLTS TOTAL
"A" (2 OFF)	261	8,26
"B" (1 OFF)	23,10	2,06
		25,16

BOLT SCHEDULE			
STRENGTH GRADE 4.8			
MARK	TYPE	LENGTH	No OFF
1	M 16	35	SEE REQUIREMENTS SCHEDULE
			0,129 kg

REQUIREMENTS PER TRANSFORMER			
MODULE "A" (2 OFF)		MODULE "B" (1 OFF)	
DESCRIPTION	No. OFF	DESCRIPTION	No. OFF
I.B.R. PROFILE STAINLESS ST.SHT. GRADE 304 0,6 THK.x 6000 LG.	18	I.B.R. PROFILE STAINLESS ST.SHT. GRADE 304 0,6 THK.x 6000 LG.	1
M.ST CLEAT MK. (ALU) 1	32	M.ST CLEAT MK. (ALU) 1	8
M.ST RAIL MK (ALU) 2	8	M.ST RAIL MK (ALU) 3	4
6mm STAINLESS ST HOOK BOLT COMPLETE WITH NUT & 40mm S/S WASHER	288	6mm STAINLESS ST HOOK BOLT COMPLETE WITH NUT & 40mm S/S WASHER	16
BOLT MARK 1 (SEE BOLT SCHEDULE)	64	BOLT MARK 1 (SEE BOLT SCHEDULE)	16
SUPPORT 0.54/4160	3 OFF		
SUPPT. FOUND. 0.54/4726	3 OFF		

NOTES ON BOLTS:
1 - BOLTS TO BE SUPPLIED WITH ONE NUT AND WASHER.
2 - BOLTS ERCTED WITH HEAD TO INSIDE PREFERRED.
3 - WASHER TO BE PLACED UNDER NUT.
4 - ALL MILD STEEL BOLTS TO BE HOT DIPPED GALVANIZED.

NOTES:
1. ALL MILD STEEL PARTS TO BE GRADE 300WA.
2. STEELWORK TO BE HOT DIP GALVANISED TO SABS ISO 1461
3. ALL MARKS TO BE STAMPED ONTO STEELWORK AND SHALL BE CLEARLY LEGIBLE AFTER GALVANISING.

SHEETS FIXING BOLTS REVISED				STEEL SUPPORTS			
REV	DESIGN APPROVED	DATE	20.07.203	BY	CHKD	DATE	04.05.04
	DESIGN CHECKED	DATE	20.07.203				4726
	DRAWN BY	DATE	20.07.203				0.54/
	DULCS						REFERENCE DRAWINGS
	DATE	20.07.203					
SCALE 45 90mm				400kV TRANSFORMERS			
				STAINLESS STEEL FIRE BARRIER			
				LAYOUT AND DETAILS			
				0.54/5865			
				1			
				SHEET NUMBER			
				REVISION			
				1			
				SIZE			
				A1			