



MATERIAL LIST FOR ONE ASSEMBLY MK'D FR20- 1 NOS Required						
MARK	DESCRIPTION	GRADE	LENGTH	QTY.	UNIT WT(KG)	TOTAL WT(KG)
M103	ISMC200	IS2062	5472	1	121.18	121.179
M115	ISMC200	IS2062	5472	1	121.18	121.179
M158	ISMC150	IS2062	2050	3	33.60	100.803
P8	PLT12"x8	IS2062	150	3	1.10	3.306
P25	L75"x5"8	IS2062	120	3	1.07	3.210
P50	L120X100X12	IS2062	78	3	1.53	4.585
P52	L160X75X10	IS2062	75	7	1.32	9.273
TOTAL FOR ONE ASSEMBLY IN Kg					=	363.536
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BOLT LIST FOR ONE ASSEMBLY						
Type	Size	Length (mm)	Qty			
Gr.8.8	M16	50	3			
Gr.8.8	M20	50	8			

Type	Size	Length (mm)	Qty
Gr.8.8	M16	50	3
Gr.8.8	M20	50	8

1. ALL DIMENSIONS ARE IN MILLIMETERS, ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.
2. ALL STRUCTURAL STEEL SHALL CONFORM TO IS : 2062 (GRADE 250BR)
3. ALL CONCRETE GRADE SHALL BE M30.
4. FILL ET WELD SHALL BE OF MINIMUM 6MM SIZE FOR SHOP WELD AND 8MM FOR SITE WELD UNLESS NOTED OTHERWISE.
5. COLUMNS SHALL HAVE FULL BEARING ON BASE PLATES U.N.O.
6. WORKING POINTS SHALL BE W.R.T. CG LINES FOR WELDED CONNECTION AND W.R.T. GAUGE LINES FOR BOLTED CONNECTION.
7. GRATING THICKNESS TO BE 25 MM

CLIENT:
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AIL PROJECT NO : PIN-084			
SIZE	DWG NO.	SHEET	REV NO.
A1	PIN-084-TPT-PM4-CS11-002-FAB-FR20	1 OF 1	0