



ONE-BEAM MARKED AS B12

MATERIAL LIST FOR ONE ASSEMBLY MK'D B12- 1 NOS.Required						
MARK	DESCRIPTION	GRADE	LENGTH	QTY.	UNIT WT(KG)	TOTAL WT(KG)
M50	NPB200X100X25.09	IS2062	2150	1	53.94	53.940
P37	L75*75*8	IS2062	120	2	1.07	2.140
P108	PL12*350	IS2062	390	1	12.86	12.858
P125	L75*75*8	IS2062	120	2	1.07	2.140
TOTAL FOR ONE ASSEMBLY IN Kg					=	71.079
TOTAL FOR 1 ASSEMBLIES IN Kg					=	71.079

BOLT LIST FOR ONE ASSEMBLY			
Type	Size	Length (mm)	Qty
Gr.8.8	M20	60	4

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- DIMENSIONS ARE IN MILLIMETERS, ELEVATIONS ARE IN METERS
LESS OTHERWISE NOTED.
STRUCTURAL STEEL SHALL CONFIRM TO IS : 2062 (GRADE 250BR)
CONCRETE GRADE SHALL BE M30.

WELD SHALL BE OF MINIMUM 6MM SIZE FOR SHOP WELD AND 8MM FOR SITE
WELD UNLESS NOTED OTHERWISE.

COLUMNS SHALL HAVE FULL BEARING ON BASE PLATES U.N.O.

WORKING POINTS SHALL BE W.R.T. CG LINES FOR WELDED CONSTRUCTION AND
W.R.T. GAUGE LINES FOR BOLTED CONSTRUCTION.

ATING THICKNESS TO BE 25 MM.

04.02.2025	ISSUED FOR CONSTRUCTION	SKJ	ABH	CS
DATE	DESCRIPTION	DRAWN. BY	CHK. BY	APP. BY
CLIENT: AARTI INDUSTRIES LIMITED. (EMERALD OFFICE) - Block No. 1, 3rd Floor, Keval Corporate Park, Opp. to Chann GEB Sub-station, Chhani, Vadodara - 390002, Gujarat, In Tel : (0260) 2400366, 2400153, 2400059, Website : www.aarti-industries.com				
CONSULTANT : TECHIN PROCESS TECHNOLOGIES PVT. LTD. Unit No. 402-B, Universal Business Park, Chandivali Farm Road, Chandivali, Andheri-E, Mumbai-400072.				
CT NO : PJ-3014				
CT NAME : PIN-084 PROCESS PAD AREA PIPERACK SUPERSTRUCTURE				
NG TITLE : FABRICATION DRAWING OF PIPERACK,SHED & STAIRCASE OF PROCESS PAD AREA				
OBJECT NO : PIN-084				
DWG NO.				SHEET
PIN-084-TPT-PM4-CS11-002-FAB-B12				REV NO
				1 OF 1
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