



ONE-BEAM MARKED AS 1B27

MATERIAL LIST FOR ONE ASSEMBLY MK'D 1B27- 1 NOS.Required						
MARK	DESCRIPTION	GRADE	LENGTH	QTY.	UNIT WT(Kg)	TOTAL WT(Kg)
CLT6	ISA90X90X8	IS2062	180	4	1.95	7.800
M41	NPB270X135X42.26	IS2062	1080	1	45.64	45.637
P52	PL16*150	IS2062	200	1	3.78	3.784
P54	PL12*215	IS2062	246	2	4.97	9.941
TOTAL FOR ONE ASSEMBLY IN Kg					=	67.162
TOTAL FOR 1 ASSEMBLIES IN Kg					=	67.162

BOLT LIST FOR ONE ASSEMBLY			
Type	Size	Length (mm)	Qty
Gr.8.8	M20	60	6

- NOTES :
- ALL DIMENSIONS ARE IN MILLIMETERS, ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.
 - ALL STRUCTURAL STEEL SHALL CONFIRM TO IS : 2062 (GRADE 250BR)
 - ALL CONCRETE GRADE SHALL BE M30.
 - FILLET 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.
 - GRATING THICKNESS TO BE 25 MM
 - FOR GRATING/CHEQUERED PLATE ARRANGEMENT REFER TYP. SKETCH GIVEN BY AIL.

0	14.04.2025	ISSUED FOR CONSTRUCTION	AR	AB	CS
REV	DATE	DESCRIPTION	DRAWN. BY	CHK. BY	APP. BY
<div><div></div><div>CLIENT: AARTI INDUSTRIES LIMITED. (EMERALD OFFICE) - Block No. 1, 3rd Floor, Keval Corporate Park, Opp. to Channi GEB Sub-station, Chhani, Vadodara - 390002, Gujarat, In Tel : (0260) 2400366, 2400153, 2400059, Website : www.aarti-industries.com</div></div>					
<div><div></div><div>CONSULTANT : TECHIN PROCESS TECHNOLOGIES PVT. LTD. Unit No. 402-B, Universal Business Park, Chandivali Farm Road, Chandivali, Andheri-E, Mumbai-400072.</div></div>					
PROJECT NO : PJ-3014					
PROJECT NAME : PIN-084 PLANT					
DRAWING TITLE : FABRICATION DRAWING OF STRUCTURAL LAYOUT & DETAIL OF SLAB AND BEAM OF 1ST,2ND,3RD & 4TH FLOOR					
AIL PROJECT NO : PIN-084					
SIZE DWG NO.				SHEET	REV NO.
A1 PIN-084-TPT-PM1-CS12-002-FAB-1B27				1 OF 1	0