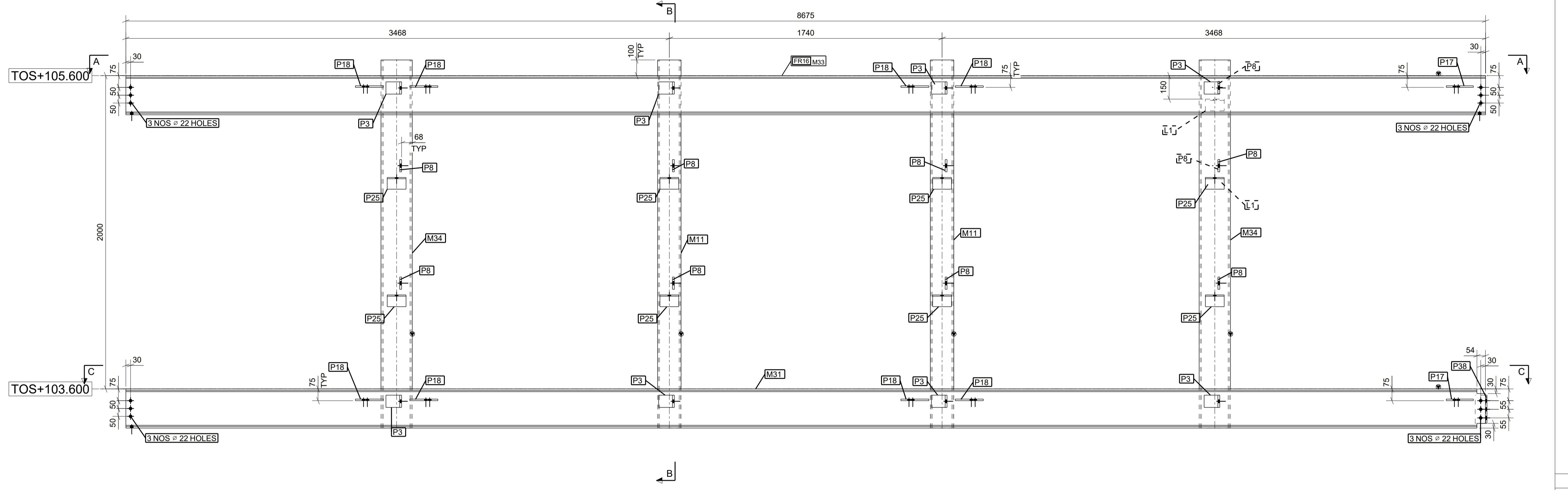


MATERIAL LIST FOR ONE ASSEMBLY MK'D FR16- 1 NOS.Required					
MARK	DESCRIPTION	GRADE	LENGTH	QTY.	UNIT WT(KG)
L1	L75*75*8	IS2062	120	2	1.07
M11	ISMCI50	IS2062	2350	2	38.52
M31	ISMCI250	IS2062	8674	1	263.31
M33	ISMCI250	IS2062	8675	1	263.338
M34	ISMCI200	IS2062	2350	2	52.04
P3	L120*100*12	IS2062	78	8	1.53
P8	PLT12*78	IS2062	150	10	1.10
P17	PL10*173	IS2062	175	2	2.37
P18	PL10*175	IS2062	179	8	2.46
P25	L75*75*8	IS2062	120	8	1.07
P38	L75*75*8	IS2062	180	1	1.61

TOTAL FOR ONE ASSEMBLY IN Kg = 767.740

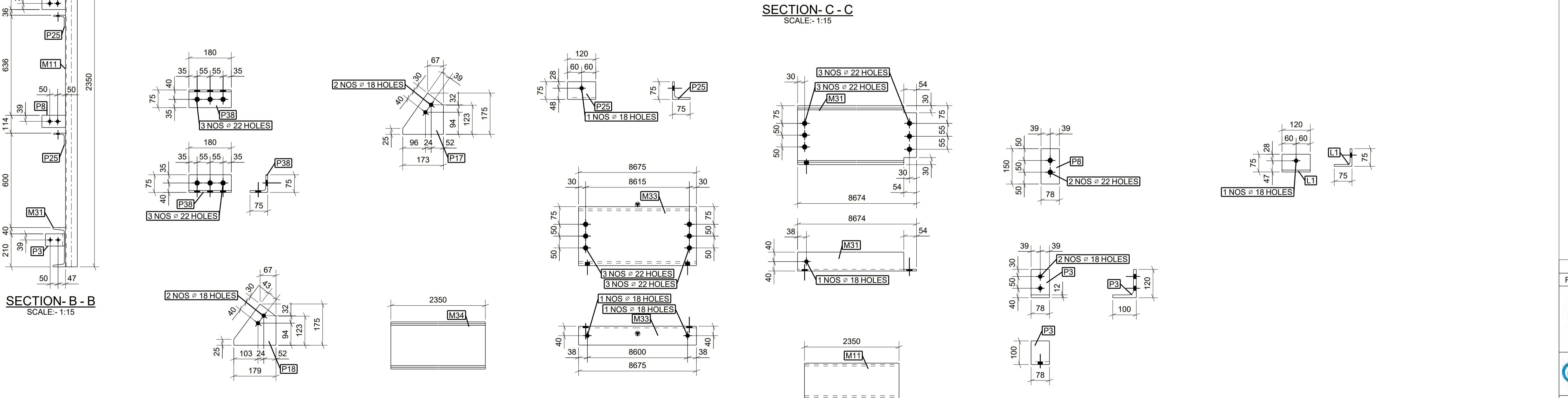
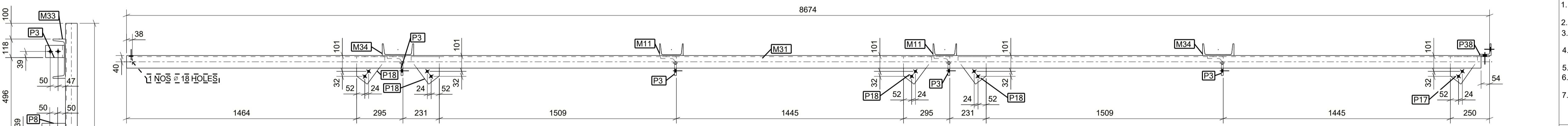
TOTAL FOR 1 ASSEMBLIES IN Kg = 767.740

BOLT LIST FOR ONE ASSEMBLY					
Type	Size	Length (mm)	Qty		
Gr.8.8	M16	50	10		
Gr.8.8	M20	50	3		
Gr.8.8	M20	55	9		
Gr.8.8	M20	65	3		



NOTES :

1. ALL DIMENSIONS ARE IN MILLIMETERS, ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.
2. ALL STRUCTURAL STEEL SHALL CONFIRM TO IS : 2062 (GRADE 250BR)
3. ALL CONCRETE GRADE SHALL BE M30.
4. FILLET 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 CONSTRUCTION AND W.R.T. GAUGE LINES FOR BOLTED CONSTRUCTION.
7. GRATING THICKNESS TO BE 25 MM



ONE-FRAME MARKED AS FR16

0	04.02.2025	ISSUED FOR CONSTRUCTION	SKJ	ABH	CS
REV	DATE	DESCRIPTION	DRAWN. BY	CHK. BY	APP. BY

CLIENT:  
AARTI INDUSTRIES LIMITED.  
(EMERALD OFFICE) - Block No. 1, 3rd Floor, Keval Corporate Park, Opp. to Channi GEB Sub-station, Chhani, Vadodara - 390002, Gujarat, India  
Tel : (0260) 2400366, 2400153, 2400059,  
Website : [www.arti-industries.com](http://www.arti-industries.com)

CONSULTANT:  
TECHIN PROCESS TECHNOLOGIES PVT. LTD.  
Unit No. 402-B, Universal Business Park, Chandivali  
Farm Road, Chandivali, Andher-E, Mumbai-400072.

PROJECT NO : PJ-3014  
PROJECT NAME : PIN-084 PROCESS PAD AREA PIPERACK SUPERSTRUCTURE  
DRAWING TITLE : FABRICATION DRAWING OF PIPERACK SHED & STAIRCASE OF PROCESS PAD AREA  
AIL PROJECT NO : PIN-084  
SIZE : DWG NO.  
A1 PIN-084-TPT-PM4-CS11-002-FAB-FR16 SHEET REV NO.  
1 OF 1 0