

HB14-HB14		
DWG. ON 5MM		
GRID LOCATION (TABLE-1)		
HB14	F-G/4-3	EL +104.800
HB14	F-G/4-3	EL +104.800
HB14	G-H/4-3	EL +104.800
HB14	G-H/4-3	EL +104.800

A

B

C

D

E

F

G

H

I

J

K

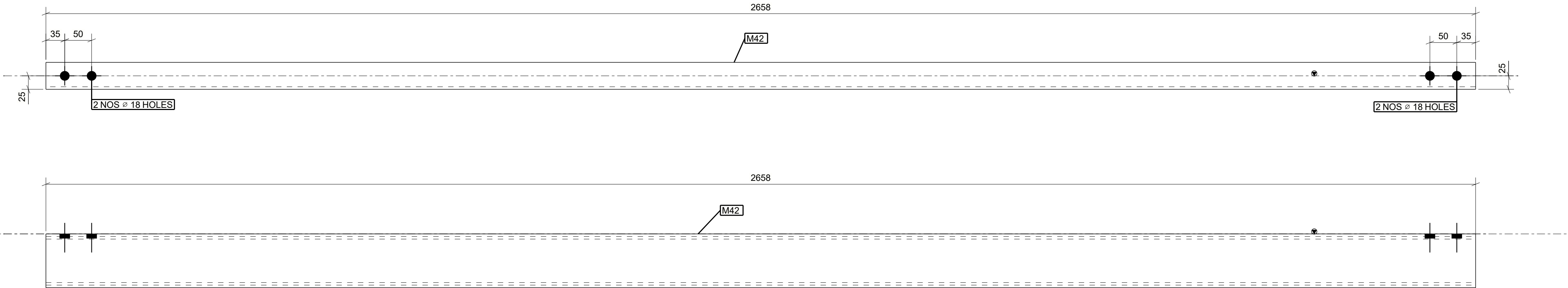
L

M

N

O

P



4-HORIZONTAL BRACES MARKED AS HB14


MATERIAL LIST FOR ONE ASSEMBLY MK'D HB14- 4 NOS.Required						
MARK	DESCRIPTION	GRADE	LENGTH	QTY.	UNIT WT(Kg)	TOTAL WT(Kg)
M42	ISMC100	IS2062	2658	1	24.41	24.409
TOTAL FOR ONE ASSEMBLY IN Kg					=	24.409
TOTAL FOR 4 ASSEMBLIES IN Kg					=	97.636

BOLT LIST FOR ONE ASSEMBLY

Type	Size	Length (mm)	Qty
Gr.8.8	M16	45	4

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

0	13.03.2025	ISSUED FOR CONSTRUCTION	SKJ	ABH	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 PIPE RACK SUPERSTRUCTURE					
AIL PROJECT NO : PIN-084					
SIZE	DWG NO.			SHEET	REV NO.
A1	PIN-084-TPT-CM1-CS11-002-FAB-HB14			1 OF 1	0