GRID LOCATION (TABLE-1)

HR12	E/12-13	EL.+104.771
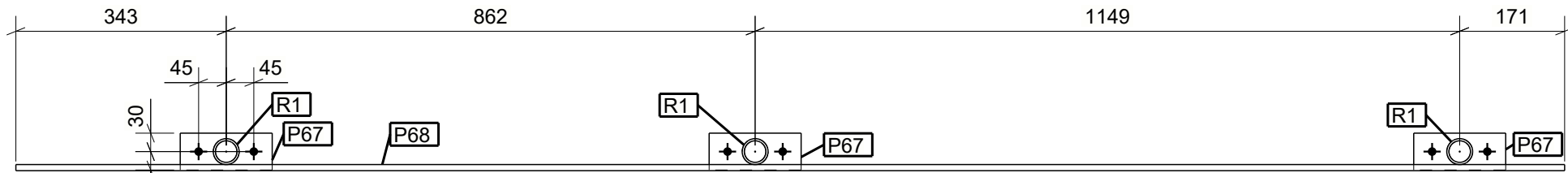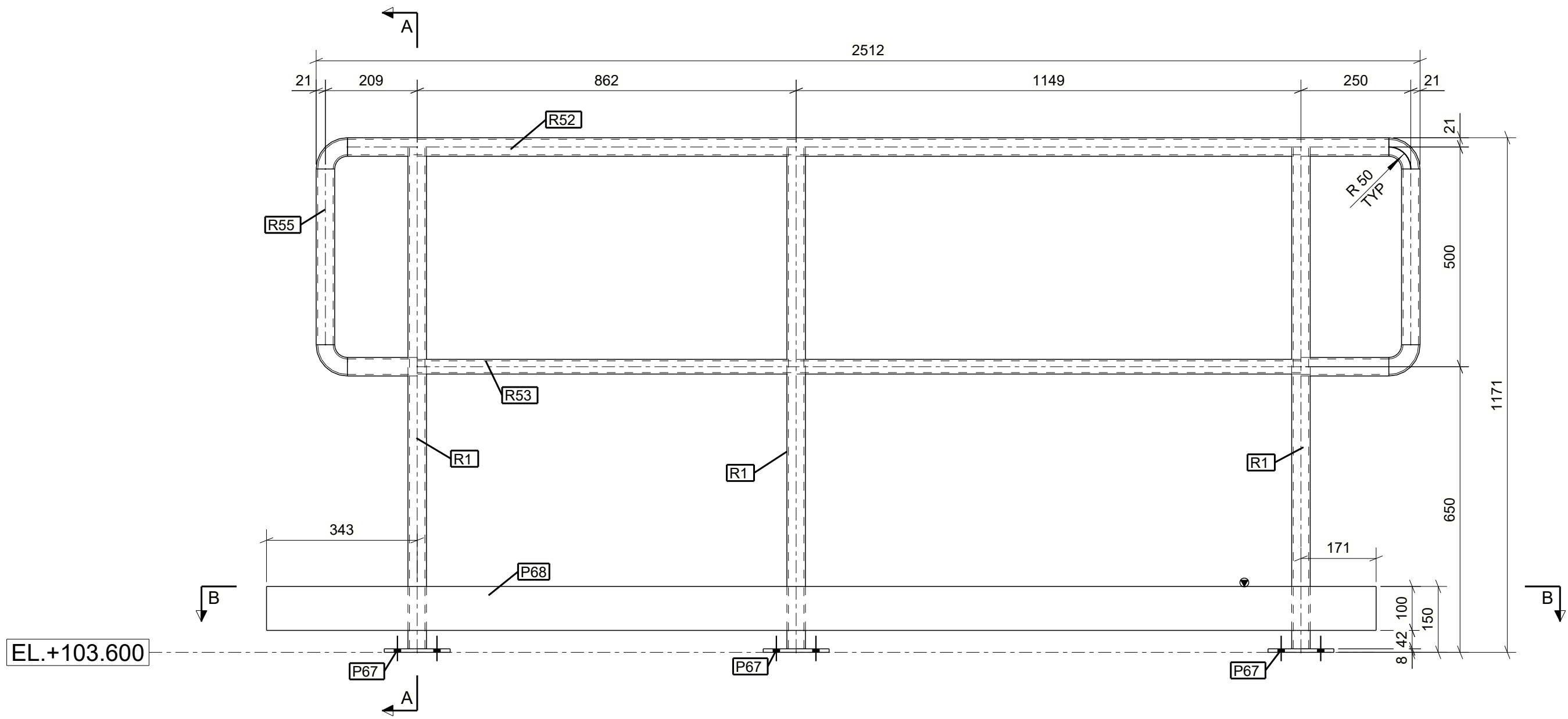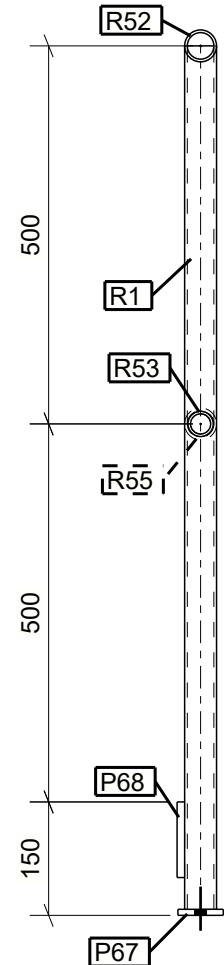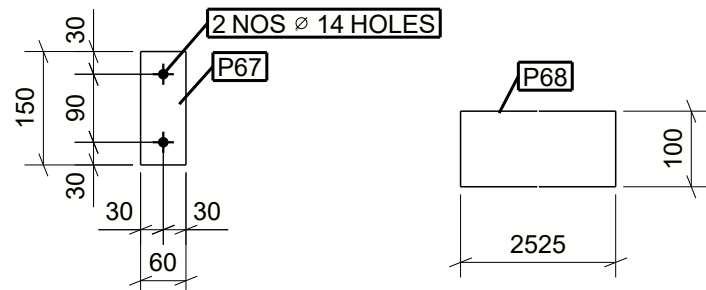
MATERIAL LIST FOR ONE ASSEMBLY MK'D HR12- 1 NOS.Required

MARK	DESCRIPTION	GRADE	LENGTH	QTY.	UNIT WT(KG)	TOTAL WT(KG)
P67	PL.8*60	IS2062	150	3	0.57	1.696
P68	PL.10*100	IS2062	2525	1	19.83	19.825
R1	PIPE32STD	IS2062	1142	3	3.59	10.758
R18	PIPE32STD	IS2062	542	1	2.44	2.444
R52	PIPE32STD	IS2062	2370	1	7.44	7.443
R53	PIPE25STD	IS2062	2011	1	4.69	4.686
R55	PIPE32STD	IS2062	542	1	2.31	2.311
TOTAL FOR ONE ASSEMBLY IN Kg					=	49.163
TOTAL FOR 1 ASSEMBLIES IN Kg					=	49.163

BOLT LIST FOR ONE ASSEMBLY

Type	Size	Length (mm)	Qty
Gr.8.8	M12	50	6

SECTION- A - A
SCALE:- 1:10

SECTION- B - B
SCALE:- 1:10

EL.+103.600

2 NOS ∅ 14 HOLES

ONE-HANDRAIL MARKED AS HR12

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	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, 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.

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.		SHEET	REV NO
A1	PIN-084-TPT-PM4-CS11-002-FAB-HR12		1 OF 1	0

Tekla structures