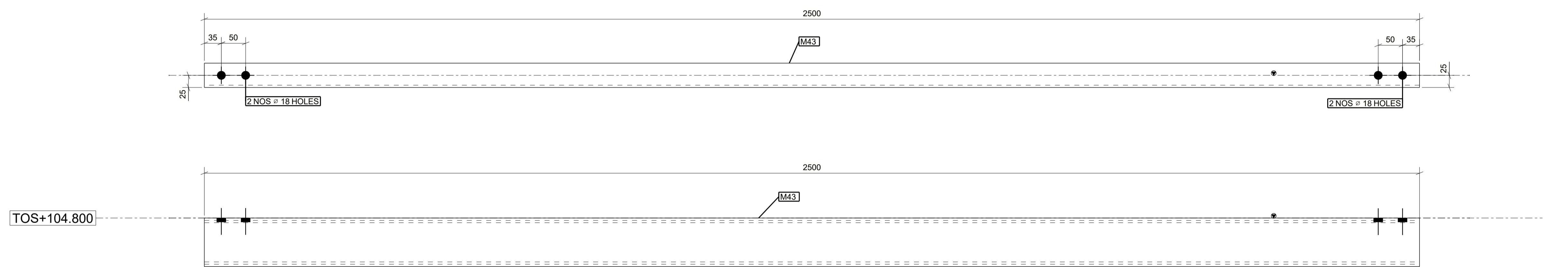


|                         |                                   |             |
|-------------------------|-----------------------------------|-------------|
| WG. NO.                 | IN-084-TP-T-CM1-CS11-002-FAB-HB15 |             |
| GRID LOCATION (TABLE-1) |                                   |             |
| 315                     | F-G/4-3                           | EL.+104.800 |
| 315                     | F-G/4-3                           | EL.+104.800 |
| 315                     | G-H/4-3                           | EL.+104.800 |
| 315                     | G-H/4-3                           | EL.+104.800 |

| ITEM LIST FOR ONE ASSEMBLY MK'D HB15- 4 NOS.Required |             |        |        |      |             |              |
|--|-------------|--------|--------|------|-------------|--------------|
|  | DESCRIPTION | GRADE  | LENGTH | QTY. | UNIT WT(KG) | TOTAL WT(KG) |
|  | ISMC100     | IS2062 | 2500   | 1    | 22.96       | 22.960       |
| TOTAL FOR ONE ASSEMBLY IN Kg                         |             |        |        |      | =           | 22.960       |
| TOTAL FOR 4 ASSEMBLIES IN Kg                         |             |        |        |      | =           | 91.839       |

| BOLT LIST FOR ONE ASSEMBLY |      |             |     |
|----------------------------|------|-------------|-----|
| Type                       | Size | Length (mm) | Qty |
| Gr.8.8                     | M16  | 45          | 4   |



## OTES :

- 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  
T. GAUGE LINES FOR BOLTED CONSTRUCTION.

PLATE THICKNESS TO BE 25 MM

| 13.03.2025                        | ISSUED FOR CONSTRUCTION  | SKJ       | ABH     | CS      |
|-----------------------------------|--|-----------|---------|---------|
| DATE                              | DESCRIPTION  | DRAWN. BY | CHK. BY | APP. BY |
|                                   | <b>CLIENT:</b><br><b>AARTI INDUSTRIES LIMITED.</b><br>(EMERALD OFFICE) - Block No. 1, 3rd Floor, Keval Corporate Park, Opp. to Channal GEB Sub-station, Chhani, Vadodara - 390002, Gujarat, India<br>Tel : (0260) 2400366, 2400153, 2400059,<br>Website : <a href="http://www.aarti-industries.com">www.aarti-industries.com</a> |           |         |         |
|                                   | <b>CONSULTANT :</b><br><b>TECHIN PROCESS TECHNOLOGIES PVT. LTD.</b><br>Unit No. 402-B, Universal Business Park, Chandivali Farm Road, Chandivali, Andheri-E, Mumbai-400072.  |           |         |         |
| PROJECT NO :                      | PJ-3014  |           |         |         |
| PROJECT NAME :                    | PIN-084 PLANT  |           |         |         |
| WORKING TITLE :                   | FABRICATION DRAWING OF PIPE RACK SUPERSTRUCTURE  |           |         |         |
| PROJECT NO :                      | PIN-084  |           |         |         |
| DWG NO.                           |  |           | SHEET   | REV NO  |
| PIN-084-TPT-CM1-CS11-002-FAB-HB15 |  |           | 1 OF 1  | 0       |

## 4-HORIZONTAL BRACES MARKED AS HB15