



| MATERIAL LIST FOR ONE ASSEMBLY MK'D 1B37- 4 NOS.Required | | | | | | |
|--|------------------|--------|--------|------|-------------|--------------|
| MARK | DESCRIPTION | GRADE | LENGTH | QTY. | UNIT WT(KG) | TOTAL WT(KG) |
| M22 | NPB270X135X42.26 | IS2062 | 1143 | 1 | 48.31 | 48.315 |
| P1 | PL10*64 | IS2062 | 250 | 6 | 1.26 | 7.553 |
| P74 | PL10*114 | IS2062 | 200 | 2 | 1.79 | 3.583 |

| | | | | | |
|------------------------------|--|--|--|---|---------|
| TOTAL FOR ONE ASSEMBLY IN Kg | | | | = | 59.451 |
| TOTAL FOR 4 ASSEMBLIES IN Kg | | | | = | 237.803 |

BOLT LIST FOR ONE ASSEMBLY

| Type | Size | Length (mm) | Qty |
|--------|------|-------------|-----|
| Gr.8.8 | M20 | 50 | 6 |

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
8. 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 |



CLIENT:
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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-1B37 | 1 OF 1 | 0 |

4-BEAMS MARKED AS 1B37