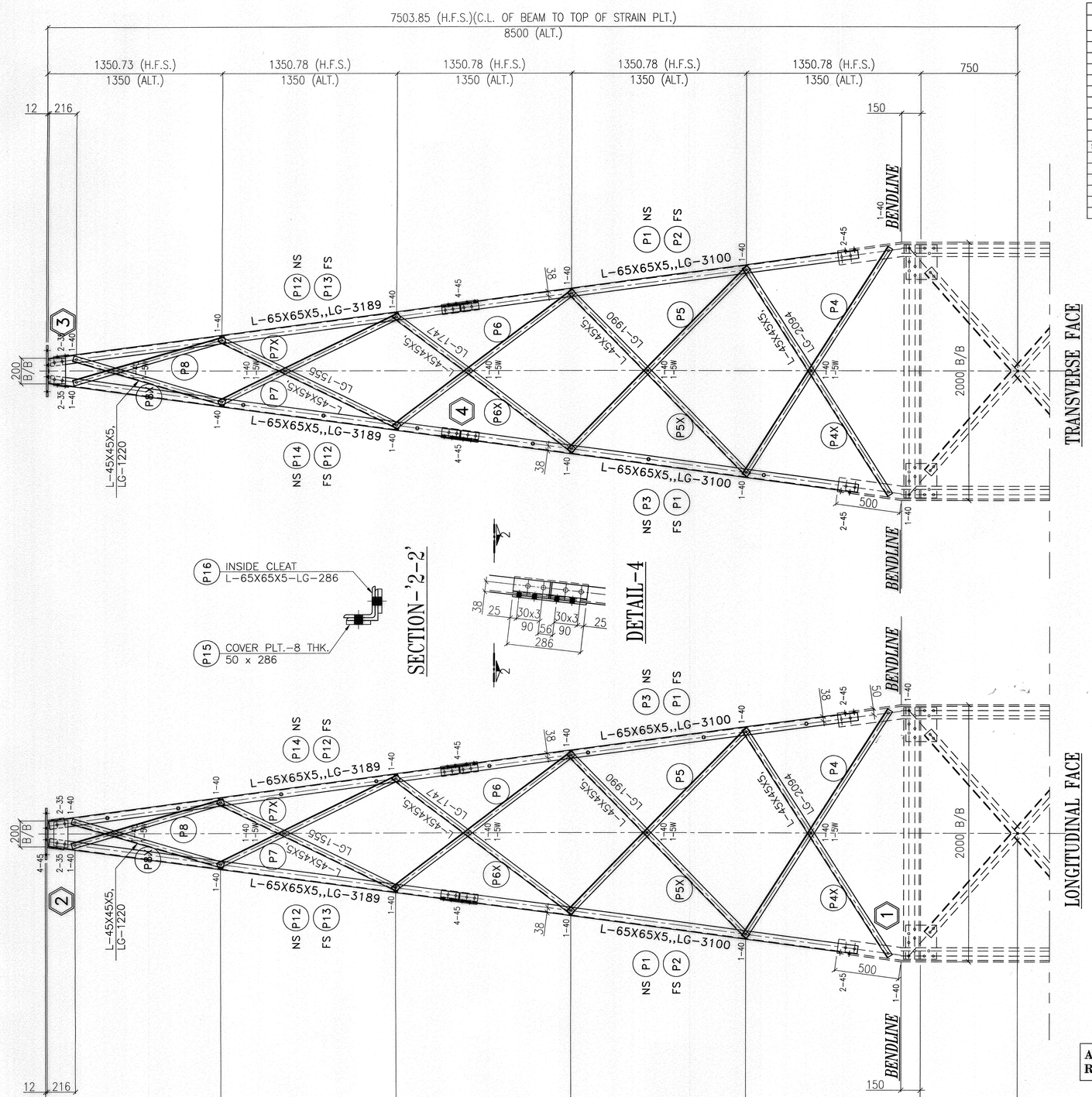
| List of 16mm ø Bolts (5.6 Grade), Nuts & Washers. | | |
|---|---|---|
| 5% EXTRA | SIZE (Length in mm) | TOTAL QTY. |
| A | 35 mm | 18 |
| B | 40 mm | 84 |
| C | 45 mm | 93 |
| D | 50 mm | -- |
| E | 55 mm | -- |
| F | 60 mm | -- |
| G | 65 mm | -- |
| H | 70 mm | -- |
| J | 75 mm | -- |
| K | 85 mm | -- |
| SPRING WASHER | 3.5 Thk. - 16 ø | 200 |
| PACK WASHER | 5 mm | 22 |
| PACK WASHER | 6 mm | -- |
| PACK WASHER | 8 mm | -- |
| PACK WASHER | 10 mm | -- |
| PACK WASHER | 12 mm | -- |
| STEP BOLTS | 16 x 175 L.G. | 20 |

## NOTES:-

1. ALL DIMENSIONS ARE IN MM.
2. ALL STEEL AS PER IS:2062 & FABRICATION SHALL BE AS PER IS:802.
3. BOLTS, NUTS AS PER IS:6639 (PROPERTY CLASS 5.6)
4. GALVANISING SHALL BE 610 GM/MT. SQ.
5. ALL HOLES 17.5 MM DIA FOR 16 MM DIA. BOLT IF NOT STATED OTHERWISE.
6. WELDING SHALL BE DONE AS PER I.S. : 816
7. ALL MEMBERS, BOLTS, NUTS, WASHERS SHALL BE HOT DIP GALVANISED SPRING WASHERS SHALL BE ELECTRO GALVANISED
8. ALL UNNOTED BRACING ARE L45x45x5 WITH 23mm BACKMARK.
9. 5% EXTRA NUTS & BOLTS SHALL BE SUPPLIED FOR ERECTION.
10. ALL ITEMS TO BE PREFIXED WITH '4P1' THAT IS TOWER MARK-4P1 SO ON.



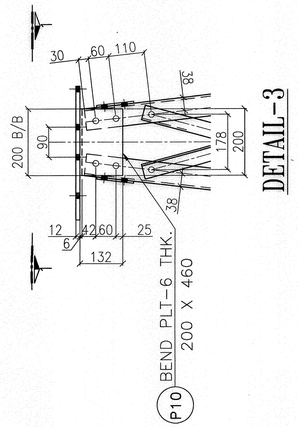




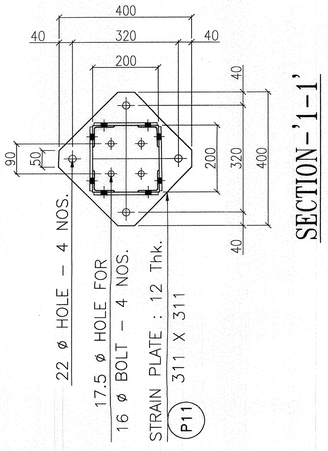
SECTION-'2-2'



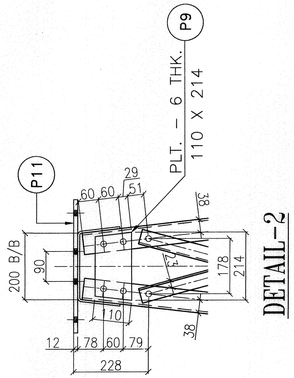

DETAIL-4



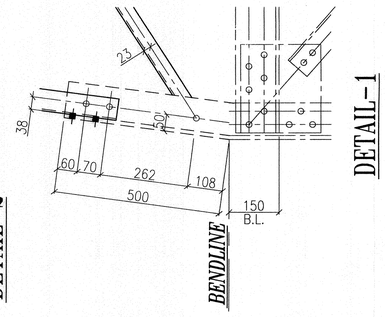

DETAIL-3




SECTION-'1-1'




DETAIL-2




DETAIL-1

**RELEASED FOR FABRICATION**

**APPROVED BY ED (ENGG), VIDE NOTE SHEET:**
**Ref.No. C/Engg./Civil/Std.Fab.Drg.BOM; Dated: 27.10.2011**

| REV. | DESCRIPTION | CIVIL | REVD. | REVD. | ELEC. | REVD. | REVD. | APPD. | DATE |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | CLEARED BY | | | | |

**POWER GRID CORPORATION OF INDIA LTD.**
(A Government of India Enterprise)

PROJECT : **STANDARD FABRICATION DRAWING**

(BASIC WIND SPEED UPTO 47m/s)

TITLE : **FABRICATION DETAIL FOR 400KV CORNER & END TOWER PEAK MKD. '4P1'**

DRAWING NO **C-ENGG-STD-400-FAB-474016 (SHEET 1 OF 1)**

SCALE 1:100 | REV 00

1189 X 841 - A0