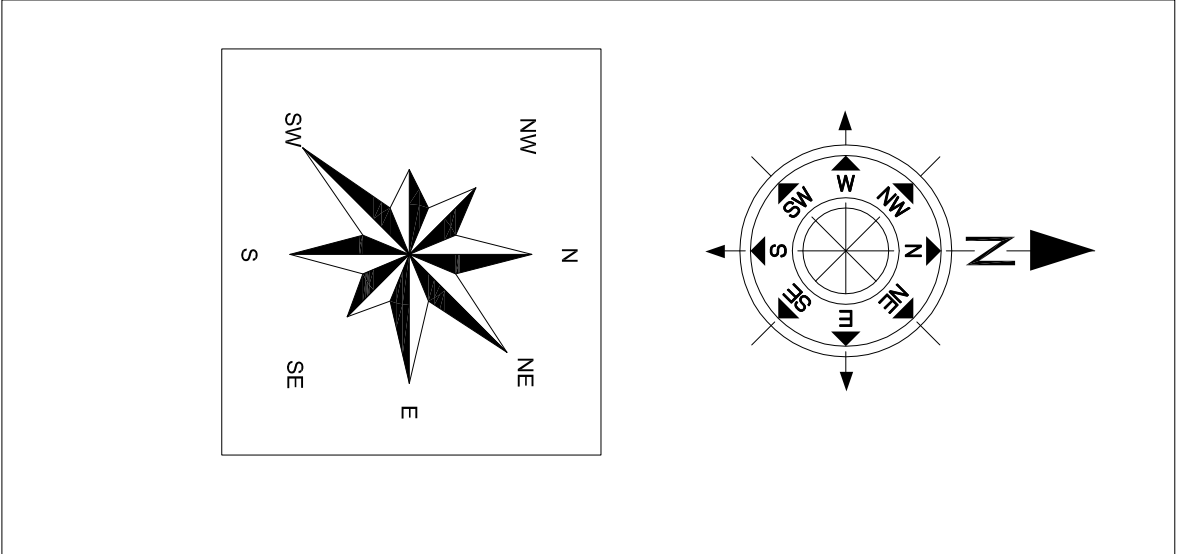
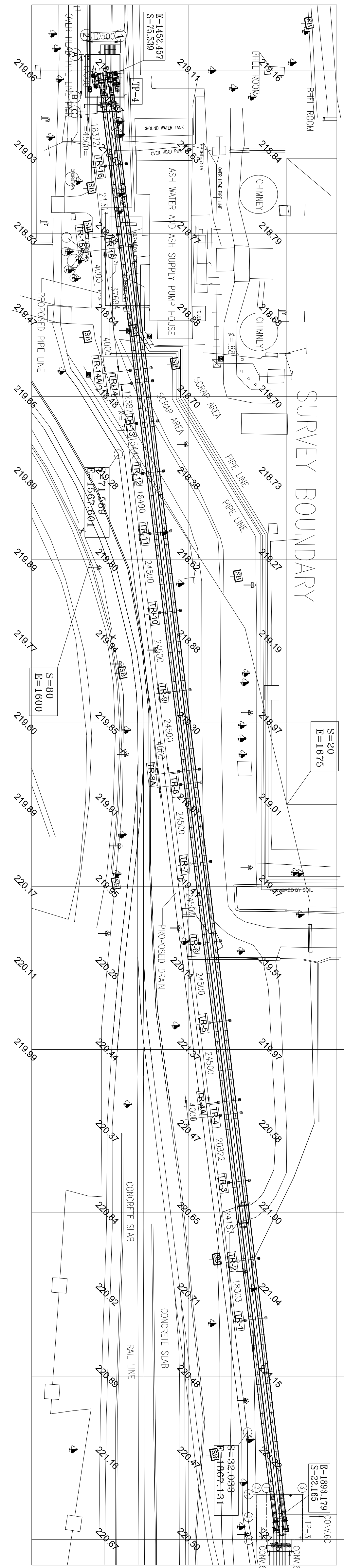


- NOTES:-
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
  2. ALL ELEVATIONS ARE REFERRED TO THE FINISHED GROUND FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL(+219.0 M. ABOVE MEAN SEA LEVEL.
  3. FINISH FLOOR LEVEL CORRESPONDS TO FFL OF TURBINE HALL BUILDING.
  4. PLINTH LEVEL SHOWN IN THE DRAWING ARE 500MM ABOVE FFL. ALL OTHER LEVELS SHOWN ARE WRT PLINTH LEVEL.
  5. AFTER GETTING THE DRIVE COMPONENT DRGS.
  6. ARE TENTATIVE AND FINALLY THEY SHALL BE AS PER STRUCTURAL DRGS.
  7. CIVIL REQUIREMENT INDICATED TENTATIVE.
  8. CURB WALL BE PROVIDED AROUND ALL OPENINGS.
  9. INSPECTION DOOR SHALL BE LEAK PROOF.
  10. READ THIS DRG. IN CONJUNCTION WITH SHEET 1 OF 7 & 3 OF 7 TO 7 OF 7.
  11. (\*) MARKED DIMENSIONS ARE UNDER HOLD.
  12. STOOLS SHALL BE WELDED TO FLOOR BEAMS
  13. FRAMES SHALL BE WELDED TO RESP. STOOLS
  14. WHERE THE BELT LENGTH IS MORE THAN 10'. CHECKED PLATE STEPS WITH NOSING
  15. BELT TAPE LENGTH INCLUDES SPLICING LENGTH & TAKE UP STROKE LENGTH

- NOTES:-
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
  2. FOR UTILITIES REFER SEPARATE DRAWING
  3. FOR THE HEAD END & DRIVE LOADS REFER THE GA & LOAD DATA OF TP-4; FOR TAIL END LOAD DATA REFER TP-3
  4. ALL ROTATING PARTS SHALL BE COVERED WITH SUITABLE GUARDS
  5. REQUIREMENT OF BRAKE SHALL BE DECIDED BASED ON THE COASTING TIME CALCULATION OF COMPLETE CIRCUIT
  6. THE BELT SPEED INDICATED IS THE NOMINAL SPEED & ACTUAL SPEED WILL BE MAINTAINED  $\pm 5\%$  OF NOMINAL SPEED

| LEGEND FOR CONVEYOR |                     |
|---------------------|---------------------|
| ⊕                   | CARRYING IDLER      |
| ⊙                   | TRANSITION IDLER    |
| ⊕                   | 1 ROLL RETURN IDLER |
| ⊕                   | FLAT RETURN IDLER   |
| ⊕                   | IMPACT IDLER        |
| ⊕                   | CARRYING IDLER      |
| ⊕                   | SELF ALIGNING       |
| ⊕                   | DETECTOR ROLLER     |
| ⊕                   | PULL CHORD SWITCH   |
| ⊕                   | BELT SWAY SWITCH    |
| ⊕                   | ZERO SPEED SWITCH   |
| ⊕                   | WORKING POINT       |
| ⊕                   | HEAD PULLEY         |
| ⊕                   | TAIL PULLEY         |
| ⊕                   | BEND PULLEY         |

| REFERENCE DRAWINGS/DOCUMENTS |                                                     |
|------------------------------|-----------------------------------------------------|
| BHEL-DRG. NO.                | DESCRIPTION                                         |
| IS-1-GA-708-101-M001         | FLOW DIAGRAM CHP                                    |
| IS-1-GA-708-101-M002         | GENERAL PLANT LAYOUT OF COAL HANDLING SYSTEM        |
| IS-1-GA-708-101-M003         | TYPICAL CROSS SECTION OF CONVEYOR GALLERY & TUNNELS |
| IS-1-GA-708-101-M024         | GA & LOAD DATA OF TP-3                              |
| IS-1-GA-708-101-M025         | GA & LOAD DATA OF TP-4                              |

|                                             |  |                                     |  |                                     |  |
|---------------------------------------------|--|-------------------------------------|--|-------------------------------------|--|
| PROJECT :                                   |  | OWNER :                             |  | CONSULTANT :                        |  |
| ROURKELA PP-II EXPANSION PROJECT (1X250 MW) |  | NTPC-SAIL POWER COMPANY PVT. LTD.   |  | NTPC Limited                        |  |
| MECON LIMITED                               |  | भारत भारती                          |  | भारत भारती                          |  |
| BHARAT HEAVY ELECTRICALS LTD                |  | INDUSTRIAL SYSTEMS GROUP, BANGALORE |  | BHARAT HEAVY ELECTRICALS LTD        |  |
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| INDUSTRIAL SYSTEMS GROUP, BANGALORE         |  | INDUSTRIAL                          |  |                                     |  |









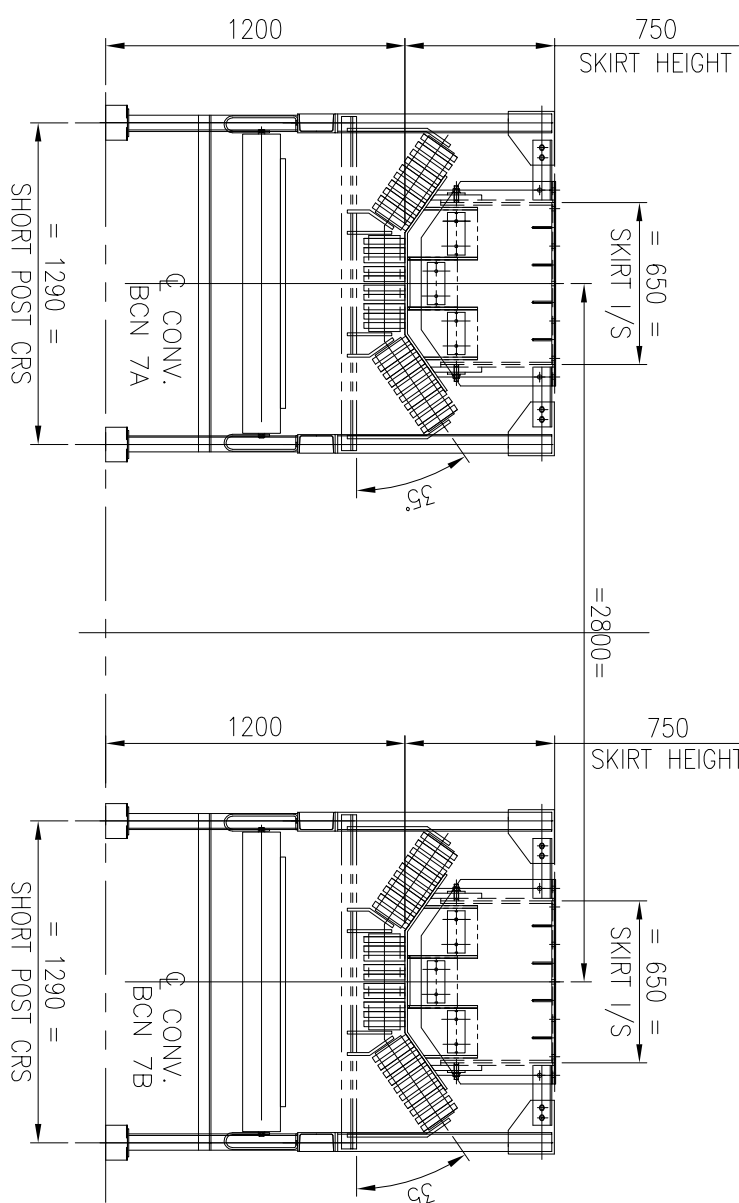
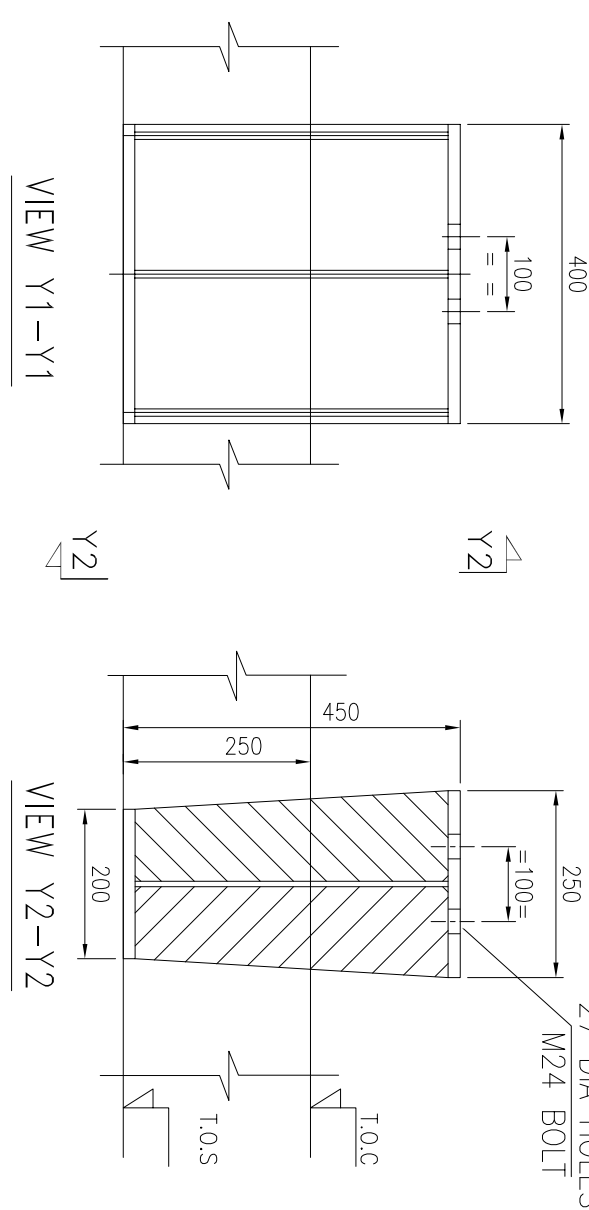
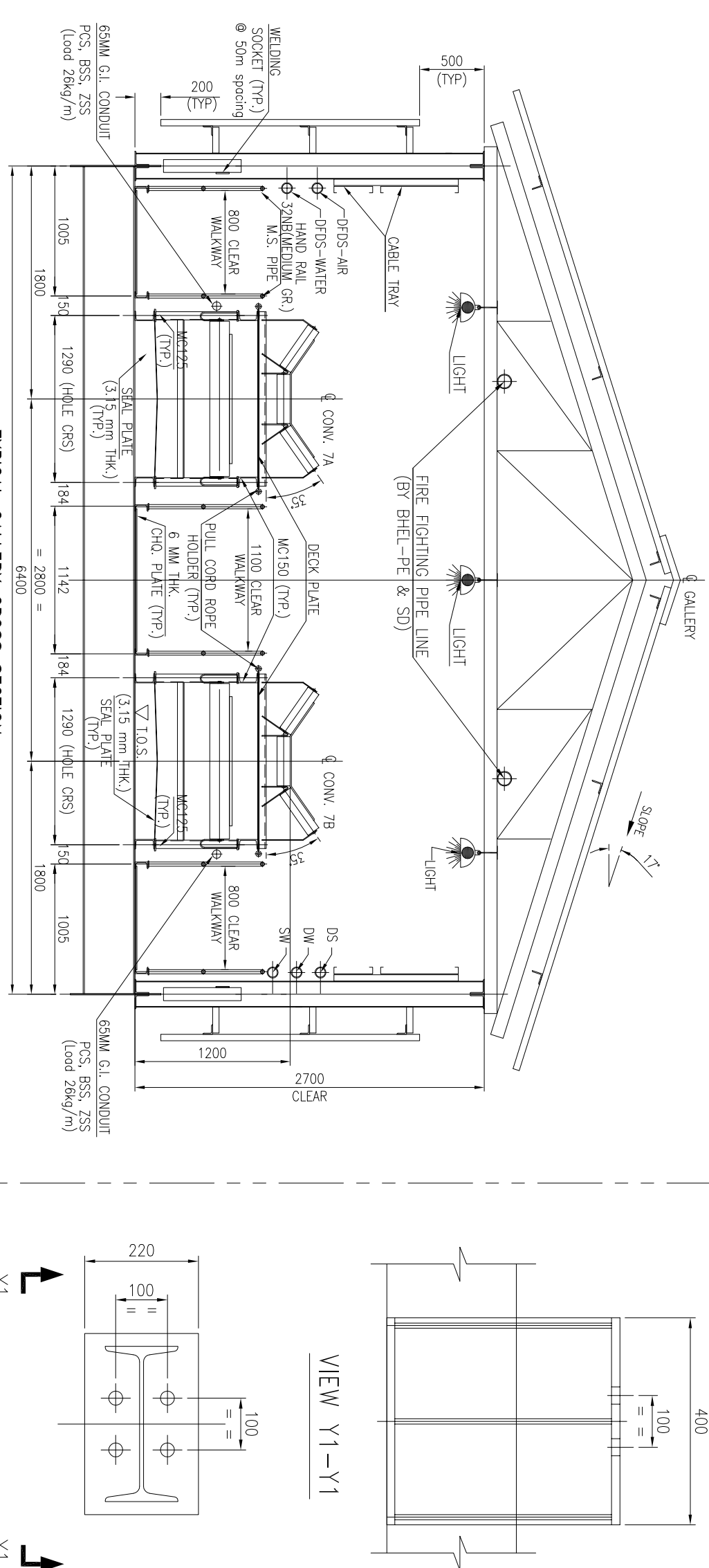
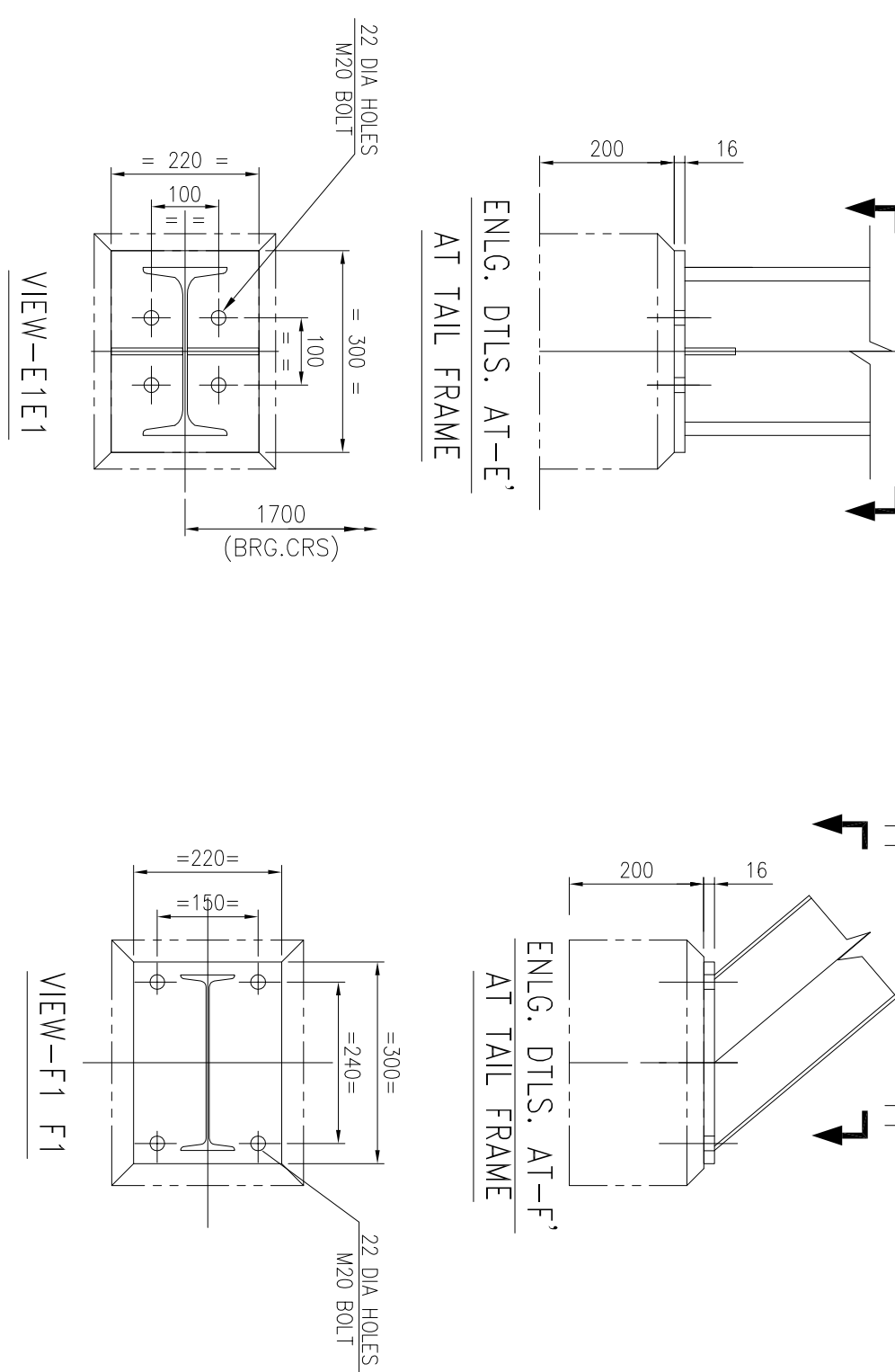
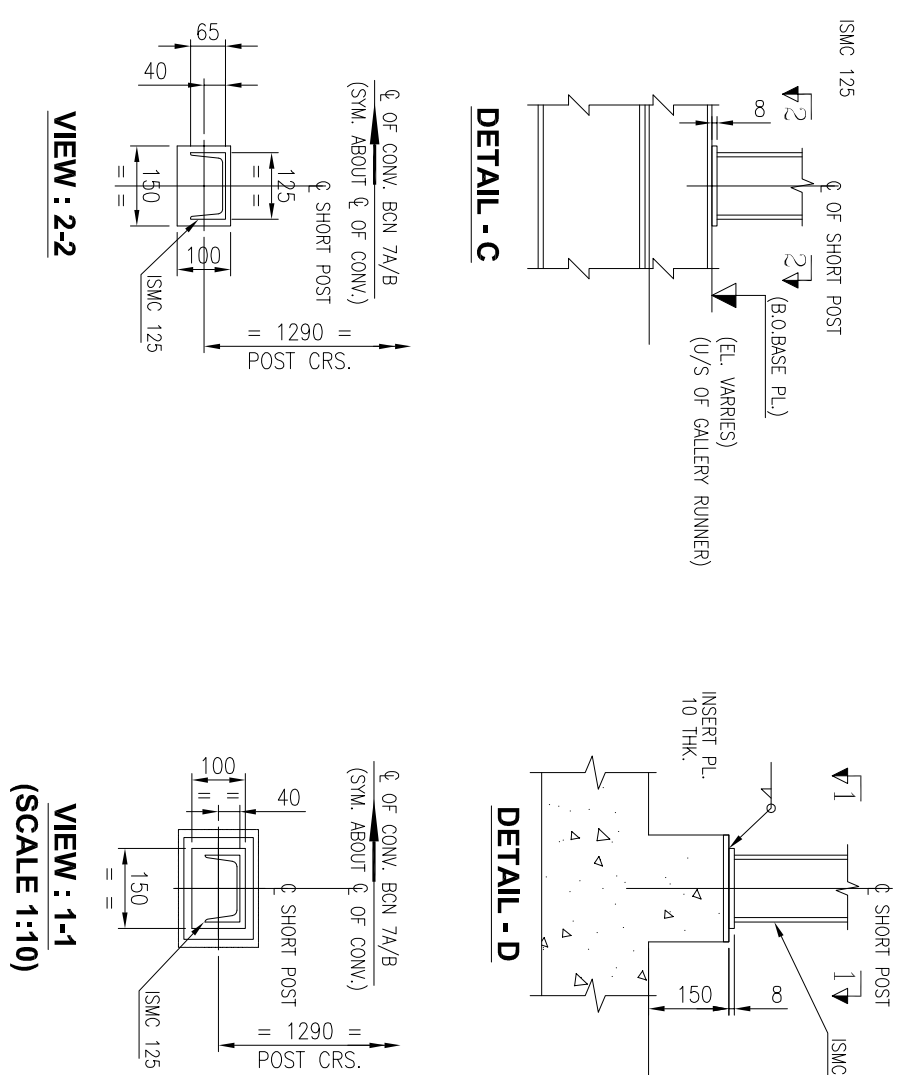
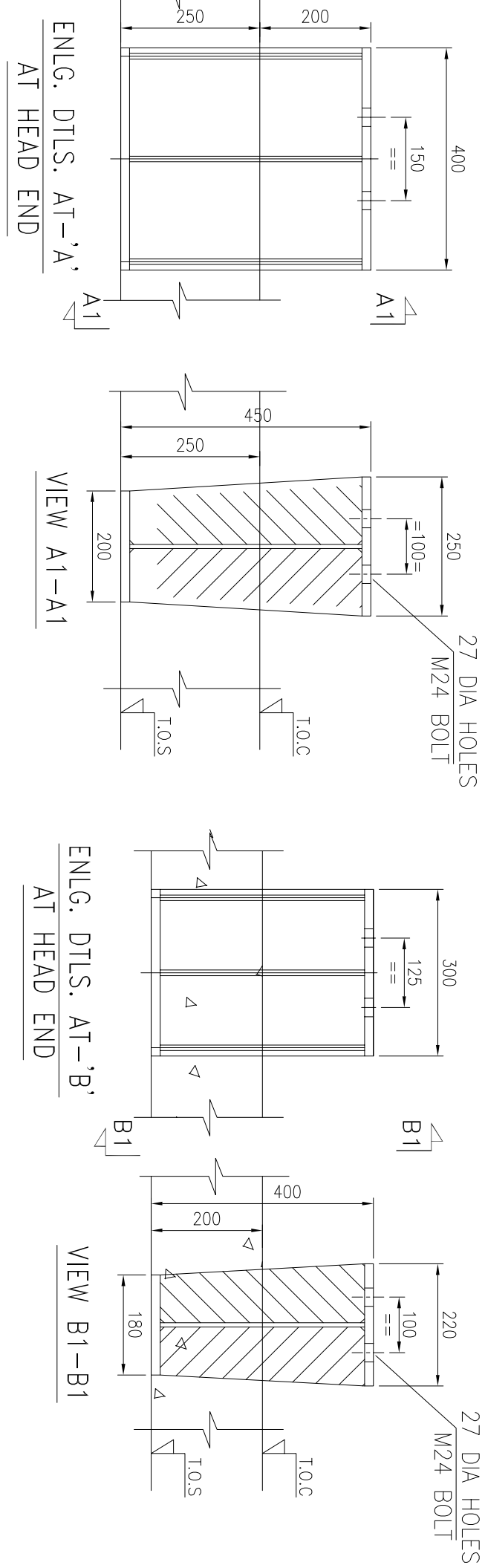
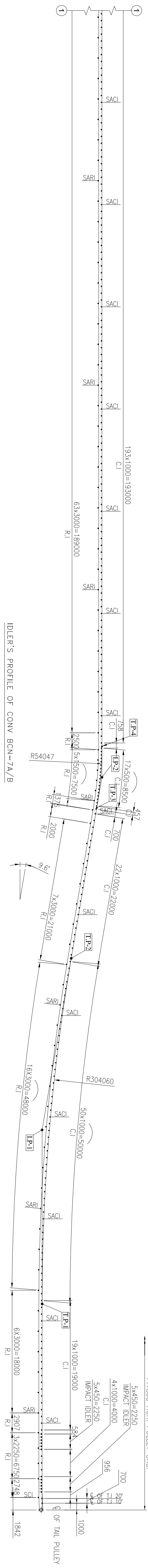
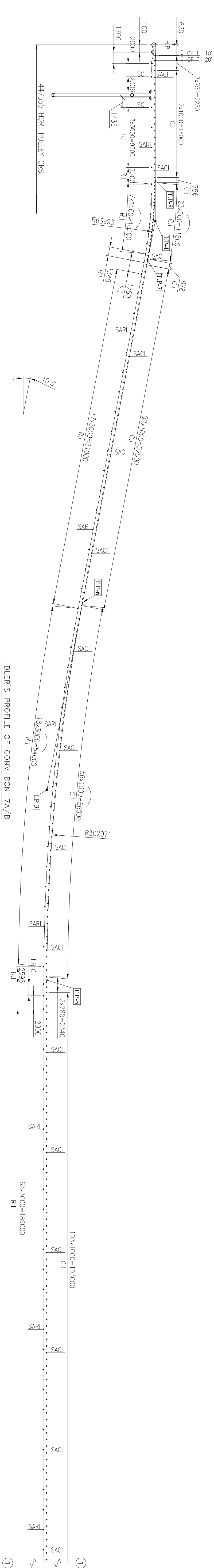




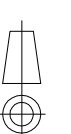








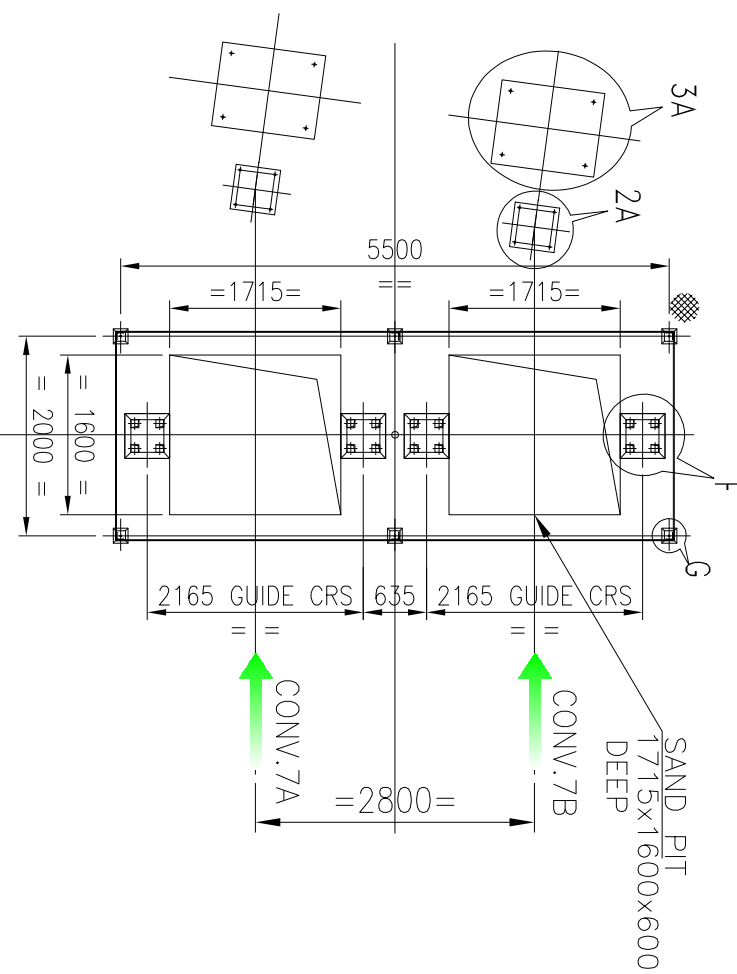
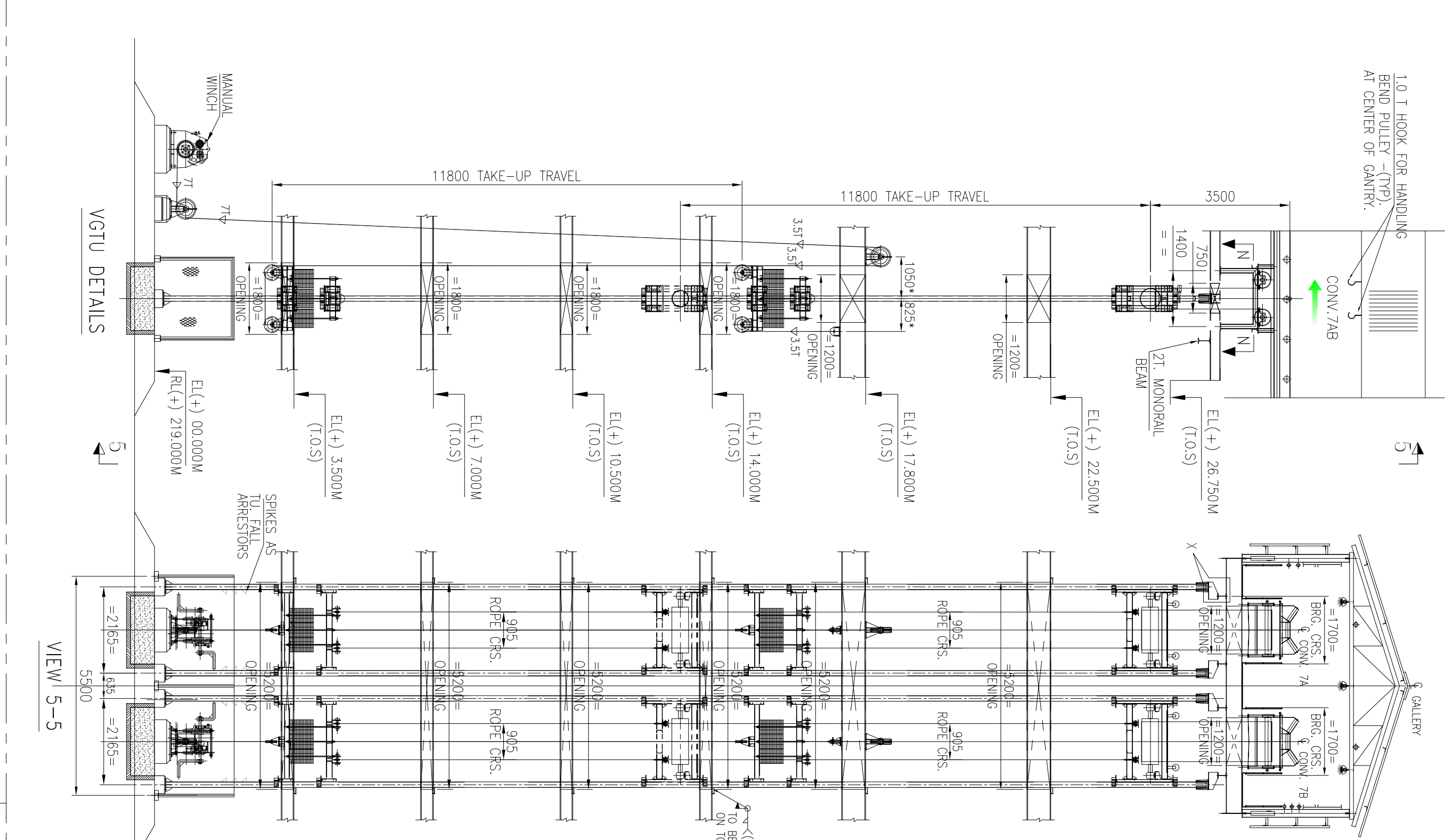
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|     |        |                                           |           |      |     |
| 2   | 2/8/17 | REVISED AS PER MECON COMMENTS DTD. 4-7-17 | J.S. S.J. | J.V. |     |
| REV | DATE   | BRIEF RECORD                              | DRW       | CHD  | APP |

|                                                                                                                                                                |                                                |  |                                          |  |             |  |               |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--|------------------------------------------|--|-------------|--|---------------|--|-------|--|
| PROJECT :                                                                                                                                                      | ROURKELA PP-II EXPANSION<br>PROJECT (1X250 MW) |  |                                          |  |             |  |               |  |       |  |
| OWNER :                                                                                                                                                        | NTPC-SAIL POWER COMPANY PVT. LTD.              |  |                                          |  |             |  |               |  |       |  |
| CONSULTANT :                                                                                                                                                   | MECON LIMITED<br><b>मैकॉन लिमिटेड</b>          |  |                                          |  |             |  |               |  |       |  |
| <br>BHARAT HEAVY ELECTRICALS LTD.<br>INDUSTRIAL SYSTEMS GROUP,<br>BANGALORE | TITLE :                                        |  | GA AND LOAD DATA OF CONV 7A/B (1000 B.W) |  |             |  |               |  | SCALE |  |
| <br>BHEL, JOB NO.                                                           | BHEL/SG<br>DRG. NO.:                           |  | IS-1-GA-708-101-M015                     |  |             |  |               |  | REV.  |  |
|                                                                                                                                                                |                                                |  | NO. OF SHEETS                            |  | NO. OF VARS |  | NO. OF SHEET. |  | REV.  |  |
| 7                                                                                                                                                              |                                                |  | 7                                        |  | 7           |  | 6             |  | 2     |  |

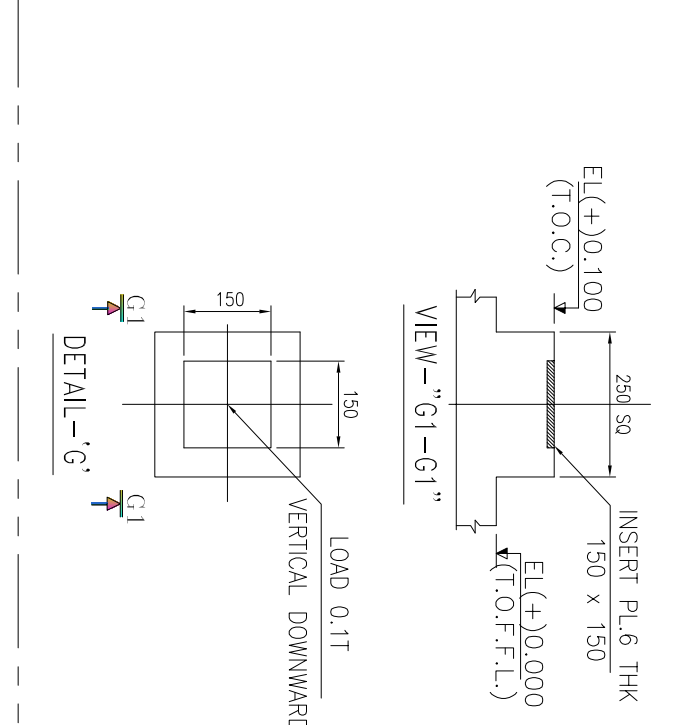
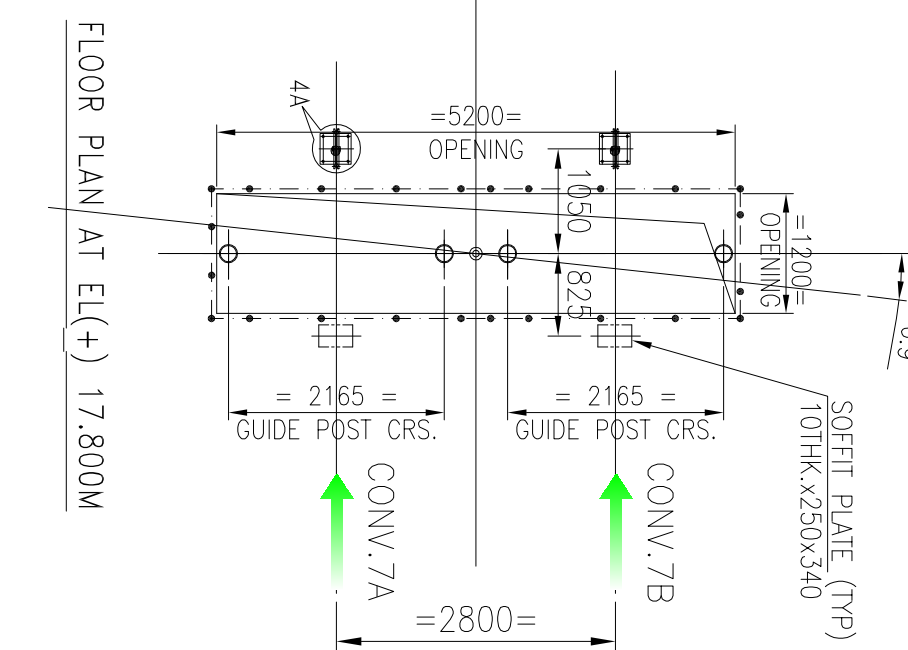
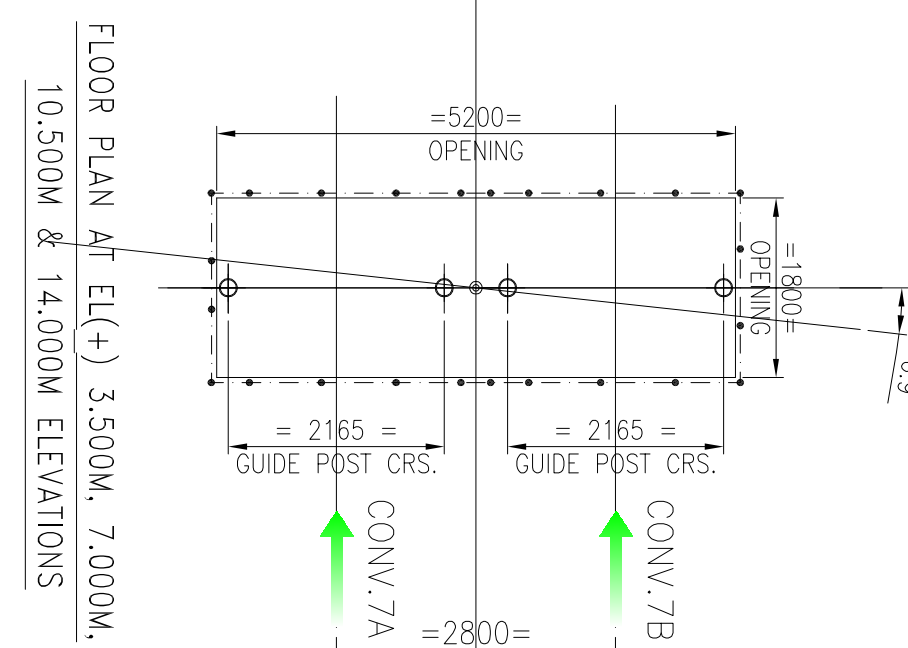
**NOTES:-**

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. READ THIS DRG IN CONJUNCTION WITH SHEET 1, 2, 3, 4, 5 & 7 OF 7
3. FOR ALL STOOLS & INSERT PLATES LONGER DIMENSION SHALL BE ALONG THE LENGTH OF CONNECTOR.

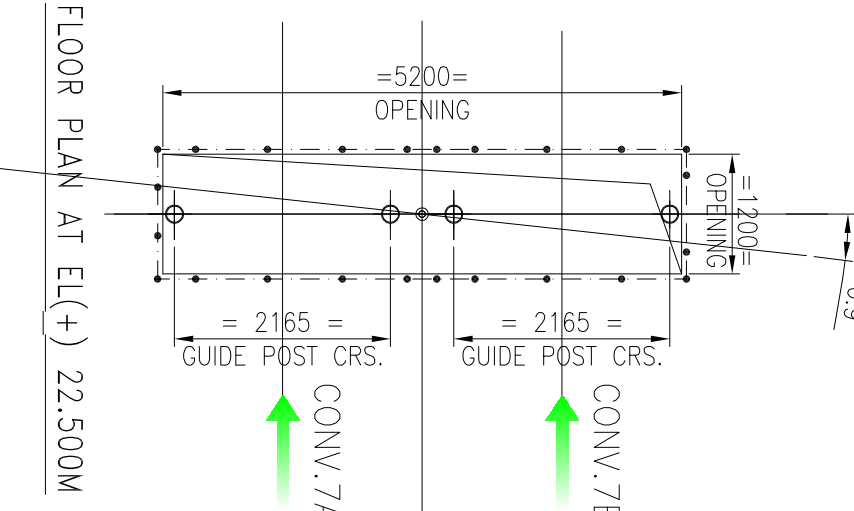




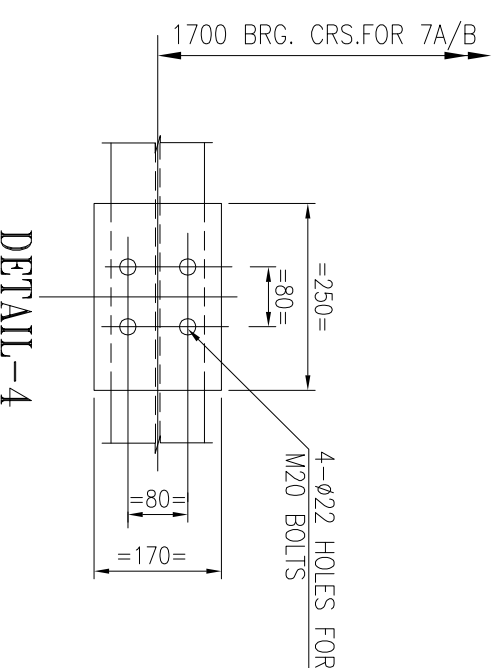
FLOOR PLAN AT EL(+) 0.000M



DETAIL-6



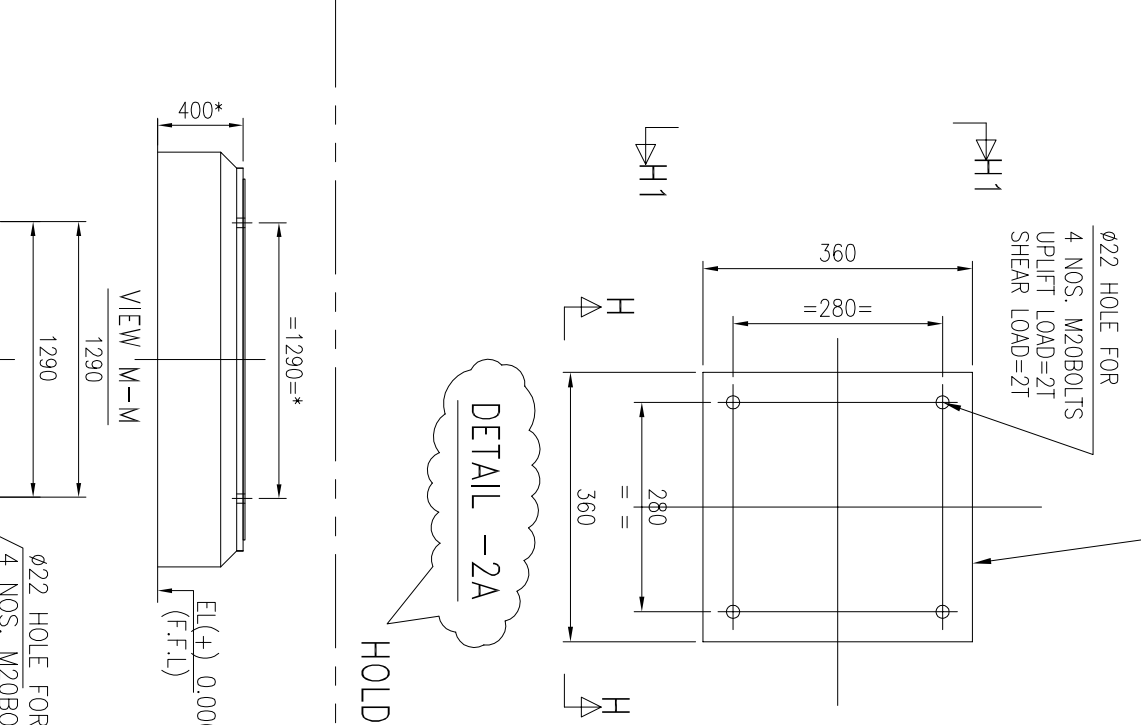
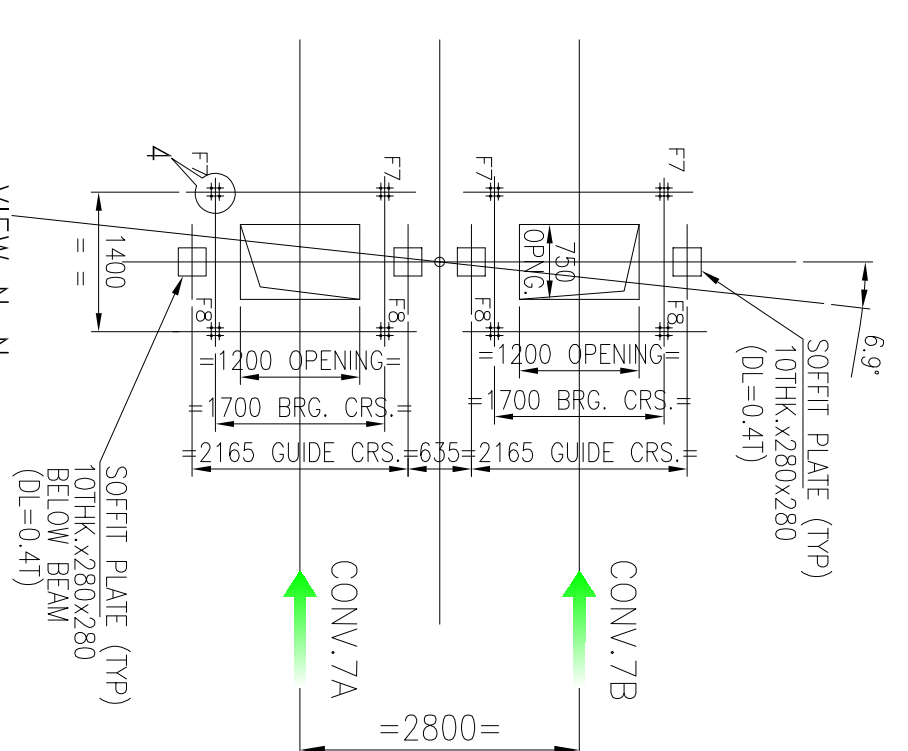
FLOOR PLAN AT EL(+) 22.500M



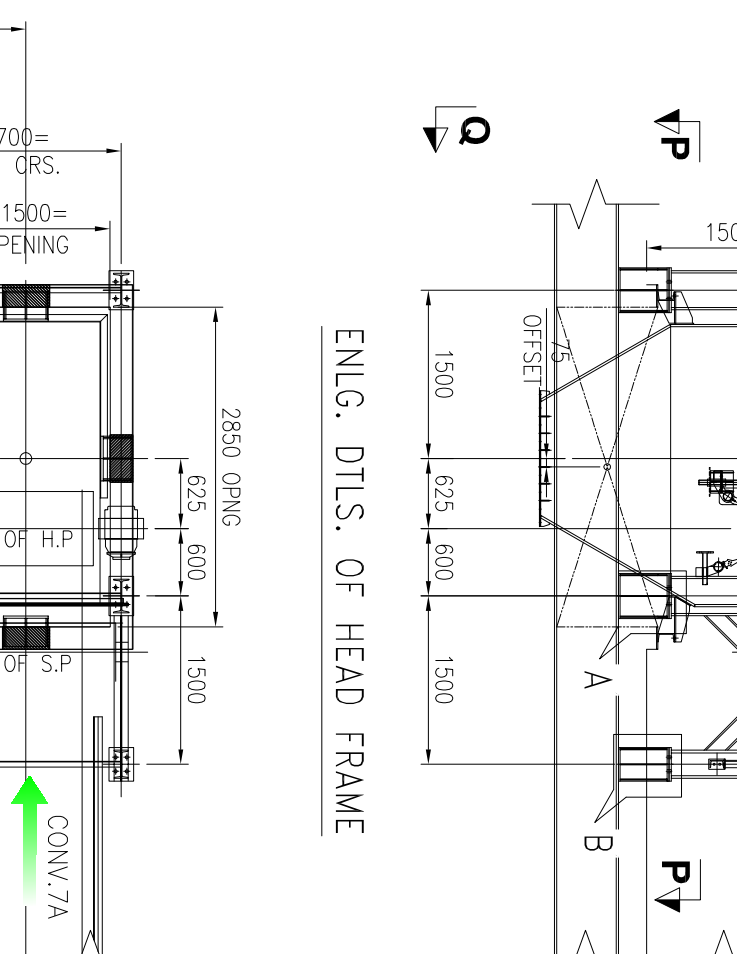
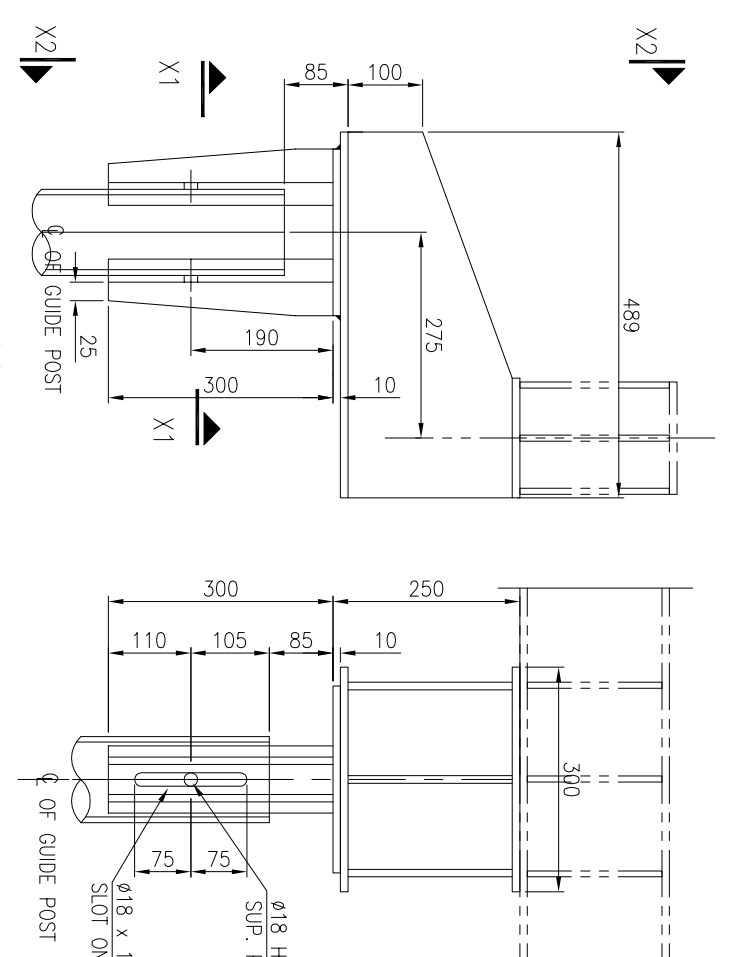
DETAIL-4  
(FOR F7 & F8)

| LOAD DATA FOR BEND PULLEY FRAME FOR BCU-7A/B |                     |                 |                    |
|----------------------------------------------|---------------------|-----------------|--------------------|
| FOOTING MKD.                                 | VERTICAL LOAD (Kg.) | HOR. LOAD (Kg.) | BELT TENSION (Kg.) |
| F7                                           | 1000 ↓              | 3750 ↓          | 3750 --            |
| F8                                           | 1000 ↓              | 3750 ↓          | 3750 --            |

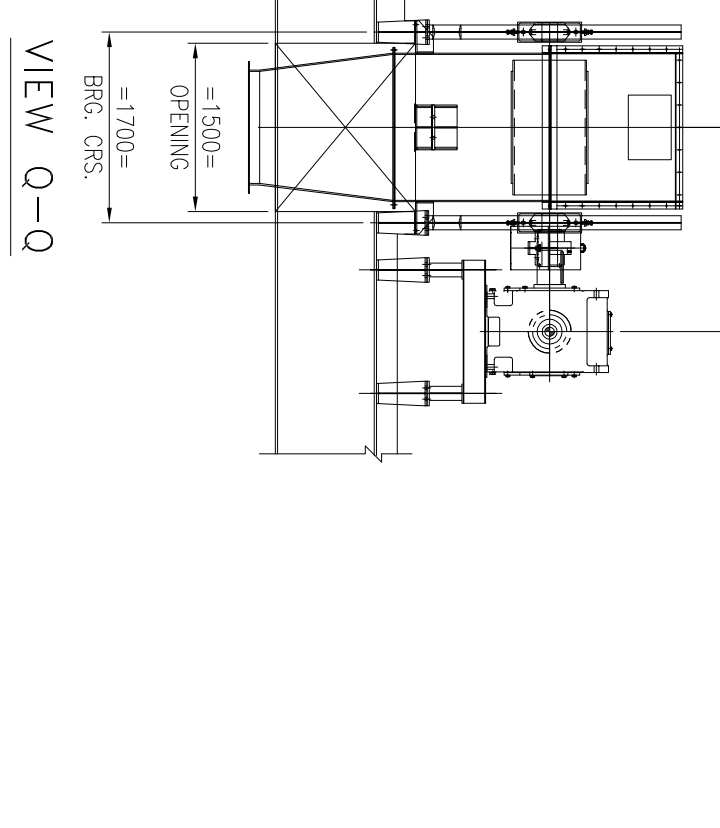
BEND PULLEY FRAME DETAILS



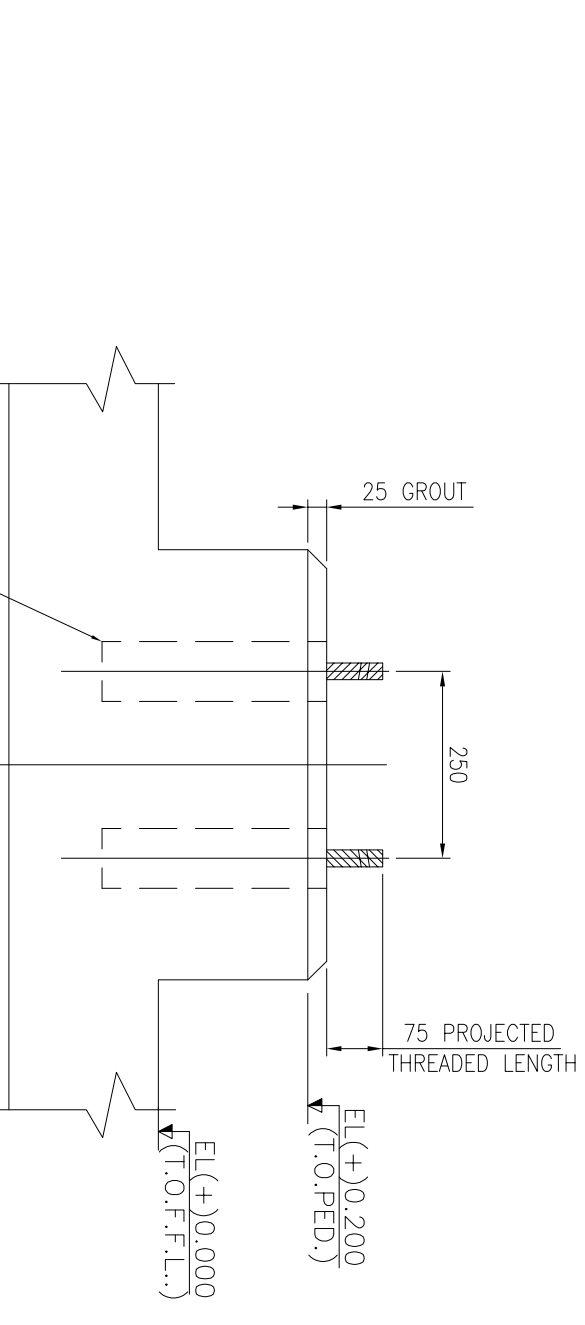
DETAIL-2A



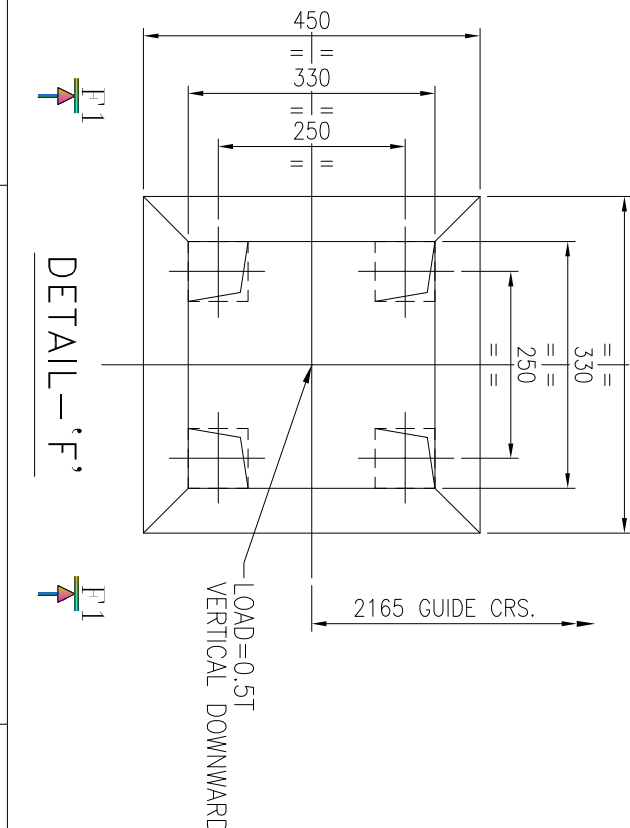
ENLG. DTLS. OF HEAD FRAME



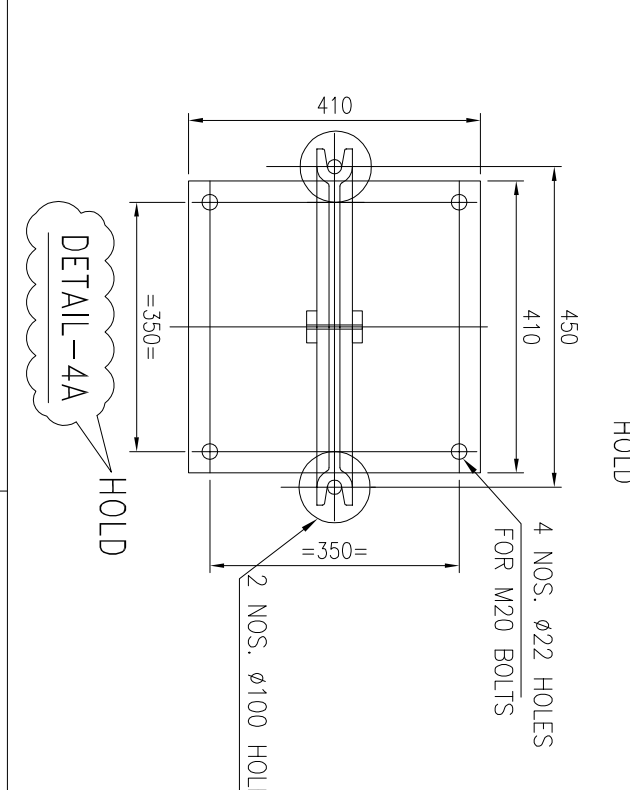
VIEW Q-Q



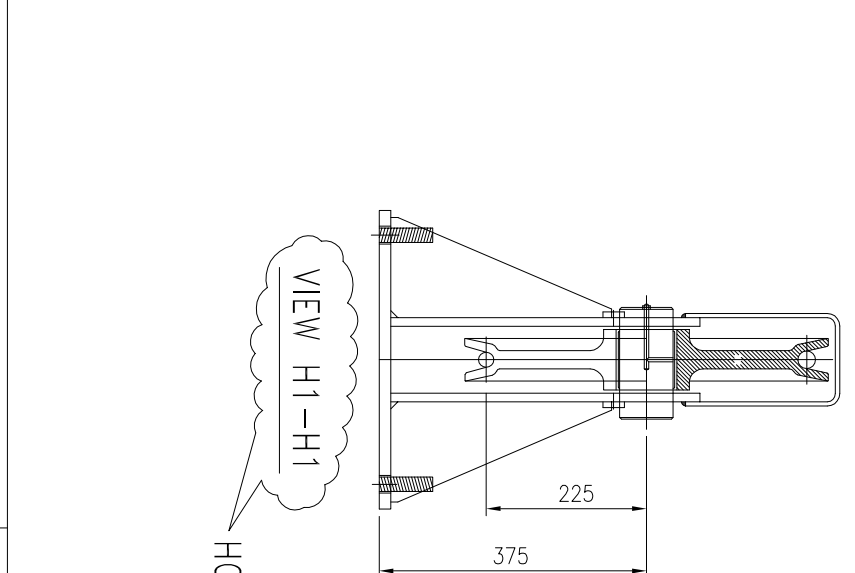
VIEW F1-F1



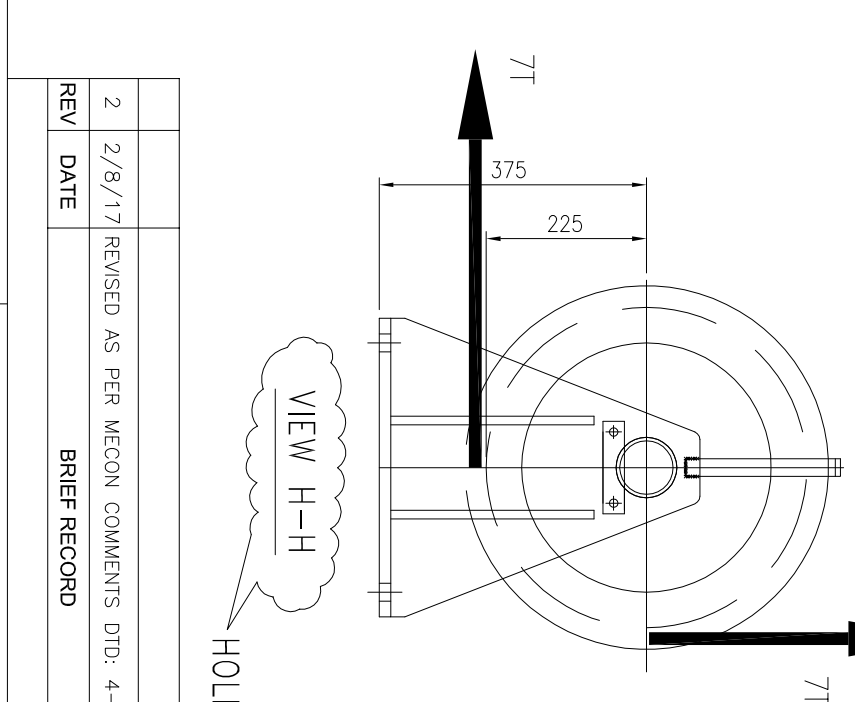
DETAIL-F1



DETAIL-4A



VIEW H1-H1



VIEW H-H

- NOTES:-
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
  2. READ THIS DRG IN CONJUNCTION WITH SHEET 1, 2, 3, 4, 5 & 6 OF 7
  3. FOR DETAIL OF Y REFER SHEET 6 OF 7

PROJECT :  
ROURKELA PP-II EXPANSION  
PROJECT (IX250 MW)

OWNER:  
NTPC-SAIL POWER COMPANY PVT. LTD.

CONSULTANT

MECON LIMITED

BHARAT HEAVY ELECTRICALS LTD  
INDUSTRIAL SYSTEMS GROUP,  
BANGALORE

| REV | DATE   | REVISION                                  | BY   | CHKD | APP  |
|-----|--------|-------------------------------------------|------|------|------|
| 2   | 2/8/17 | REVISED AS PER MECON COMMENTS DTD: 4-7-17 | J.S. | S.J. | J.V. |
| 1   |        | BRIEF RECORD                              | DRW  | CHKD | APP  |

| NO. | REV. | NO. OF SHEETS | DATE     |
|-----|------|---------------|----------|
| 7   |      | 7             | 17-11-16 |
| 2   |      | 2             | 17-11-16 |