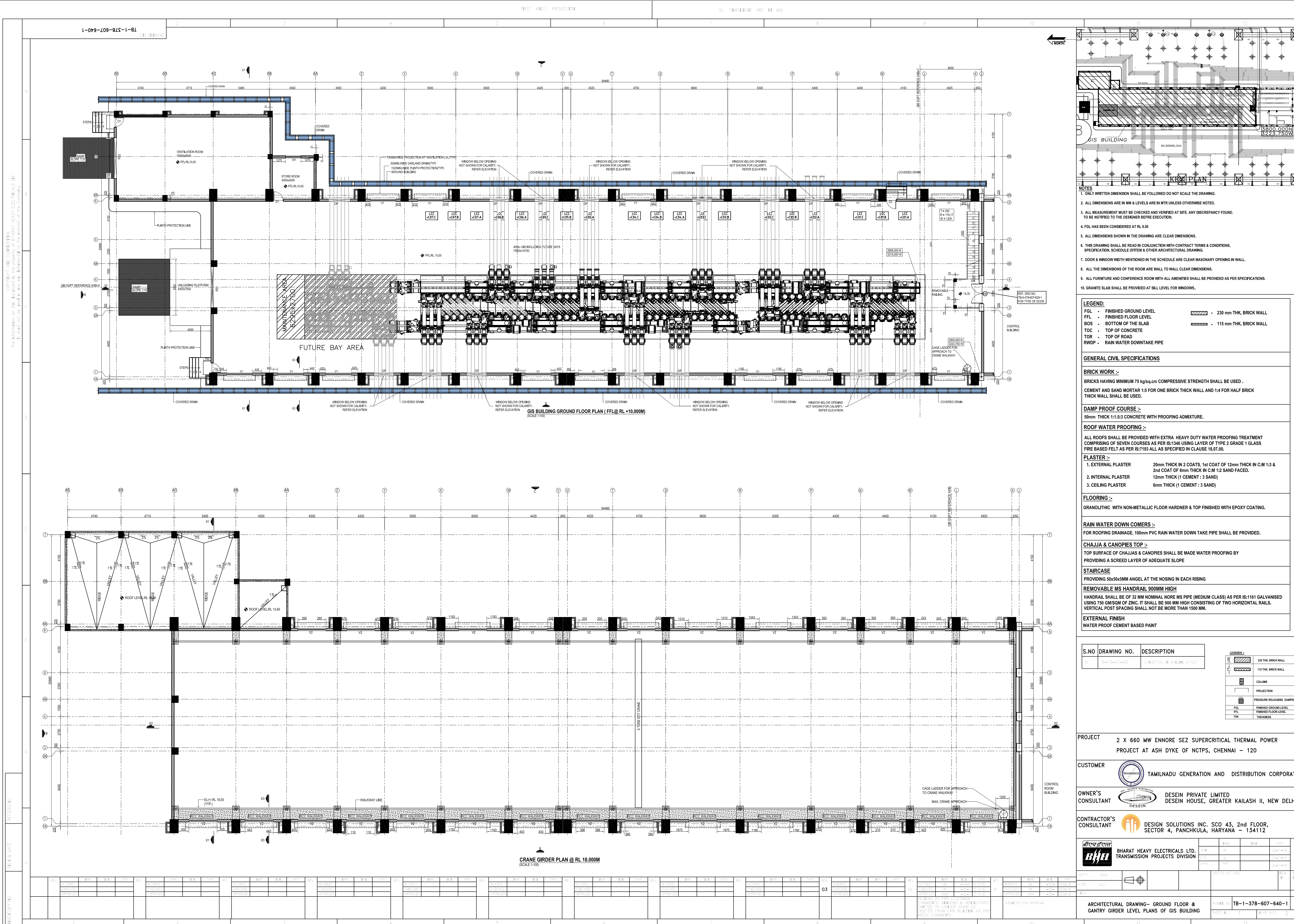




- NOTES**
1. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED DO NOT SCALE THE DRAWING.
  2. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN MTR UNLESS OTHERWISE NOTED.
  3. ALL MEASUREMENT MUST BE CHECKED AND VERIFIED AT SITE. ANY DISCREPANCY FOUND, TO BE NOTIFIED TO THE DESIGNER BEFORE EXECUTION.
  4. FGL HAS BEEN CONSIDERED AT RL 8.50
  5. ALL DIMENSIONS SHOWN IN THE DRAWING ARE CLEAR DIMENSIONS.
  6. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS & CONDITIONS, SPECIFICATION, SCHEDULE OFFITEM & OTHER ARCHITECTURAL DRAWING.
  7. DOOR & WINDOW WIDTH MENTIONED IN THE SCHEDULE ARE CLEAR MASONRY OPENING IN WALL.
  8. ALL THE DIMENSIONS OF THE ROOM ARE WALL TO WALL CLEAR DIMENSIONS.
  9. ALL FURNITURE AND CONFERENCE ROOM WITH ALL AMENITIES SHALL BE PROVIDED AS PER SPECIFICATIONS.
  10. GRANITE SLAB SHALL BE PROVIDED AT SILL LEVEL FOR WINDOWS.

- LEGEND:**
- |     |                          |                     |
|-----|--------------------------|---------------------|
| FGL | FINISHED GROUND LEVEL    | 230 THK. BRICK WALL |
| FFL | FINISHED FLOOR LEVEL     | 115 THK. BRICK WALL |
| BOS | BOTTOM OF THE SLAB       |                     |
| TOC | TOP OF CONCRETE          |                     |
| TOR | TOP OF ROAD              |                     |
| RWD | RAIN WATER DOWNTAKE PIPE |                     |

- GENERAL CIVIL SPECIFICATIONS**
- BRICK WORK :-**  
BRICKS HAVING MINIMUM 75 kg/sq.cm COMPRESSIVE STRENGTH SHALL BE USED.  
CEMENT AND SAND MORTAR 1:5 FOR ONE BRICK THICK WALL AND 1:4 FOR HALF BRICK THICK WALL SHALL BE USED.
- DAMP PROOF COURSE :-**  
50mm THICK 1:1.5:3 CONCRETE WITH PROOFING ADMIXTURE.
- ROOF WATER PROOFING :-**  
ALL ROOFS SHALL BE PROVIDED WITH EXTRA HEAVY DUTY WATER PROOFING TREATMENT COMPRISING OF SEVEN COURSES AS PER IS:1346 USING LAYER OF TYPE 2 GRADE 1 GLASS FIRE BASED FELT AS PER IS:7193 ALL AS SPECIFIED IN CLAUSE 18.07.00.
- PLASTER :-**
- |                     |                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------|
| 1. EXTERNAL PLASTER | 20mm THICK IN 2 COATS, 1st COAT OF 12mm THICK IN C:M 1:3 & 2nd COAT OF 8mm THICK IN C:M 1:2 SAND FACED. |
| 2. INTERNAL PLASTER | 12mm THICK (1 CEMENT : 3 SAND)                                                                          |
| 3. CEILING PLASTER  | 6mm THICK (1 CEMENT : 3 SAND)                                                                           |
- FLOORING :-**  
GRANOLITHIC WITH NON-METALLIC FLOOR HARDNER & TOP FINISHED WITH EPOXY COATING.
- RAIN WATER DOWN COMERS :-**  
FOR ROOFING DRAINAGE, 100mm PVC RAIN WATER DRAIN TAKE PIPE SHALL BE PROVIDED.
- CHAJJA & CANOPIES TOP :-**  
TOP SURFACE OF CHAJJAS & CANOPIES SHALL BE MADE WATER PROOFING BY PROVIDING A SCREED LAYER OF ADEQUATE SLOPE
- STAIRCASE**  
PROVIDING 50x50x5MM ANGEL AT THE NOSING IN EACH RISING
- REMOVABLE MS HANDRAIL 900MM HIGH**  
HANDRAIL SHALL BE OF 32 MM NOMINAL NORE MS PIPE (MEDIUM CLASS) AS PER IS:1161 GALVANISED USING 750 GMS/QM OF ZINC. IT SHALL BE 900 MM HIGH CONSISTING OF TWO HORIZONTAL RAILS. VERTICAL POST SPACING SHALL NOT BE MORE THAN 1500 MM.
- EXTERNAL FINISH**  
WATER PROOF CEMENT BASED PAINT

| S.NO | DRAWING NO.       | DESCRIPTION                   |
|------|-------------------|-------------------------------|
| 01   | TS-178-607-640-00 | CONCEPTUAL OF BUILDING LAYOUT |

**LEGENDS :-**

|                          |                     |
|--------------------------|---------------------|
| 230 THK. BRICK WALL      | 115 THK. BRICK WALL |
| COLUMN                   | PROJECTION          |
| PRESSURE RELASING DAMPER | FGL                 |
|                          | FFL                 |
|                          | THK                 |

**PROJECT** 2 X 660 MW ENNORE SEZ SUPERCRITICAL THERMAL POWER PROJECT AT ASH DYKE OF NCTPS, CHENNAI - 120

**CUSTOMER** TAMILNADU GENERATION AND DISTRIBUTION CORPORATION

**OWNER'S CONSULTANT** DESEIN PRIVATE LIMITED DESEIN HOUSE, GREATER KAILASH II, NEW DELHI

**CONTRACTOR'S CONSULTANT** DESIGN SOLUTIONS INC. SCO 43, 2nd FLOOR, SECTOR 4, PANCHKULA, HARYANA - 134112

**BHARAT HEAVY ELECTRICALS LTD. TRANSMISSION PROJECTS DIVISION**

|      |            |    |        |         |        |
|------|------------|----|--------|---------|--------|
| DATE | 18/04/2024 | BY | ANIL K | CHKD BY | ANIL K |
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| DATE | 18/04/2024 | BY | ANIL K | CHKD BY | ANIL K |

**ARCHITECTURAL DRAWING- GROUND FLOOR & GANTRY GIRDER LEVEL PLANS OF GIS BUILDING**

**DRAWING NO.** TB-1-378-607-640-1

**SCALE** 1:100