

RELEASED FOR: PRELIMINARY, TENDER, INFORMATION, APPROVAL, CONSTRUCTION. SHEET 1 OF 1. DRG. NO. PGCIL-10032178-A02-02. A1, 3. SCALE: 1/100. PROJECTION: 132KV GIS SUBSTATION LAYOUT FOR GIS (PLAN & SECTION VIEW).

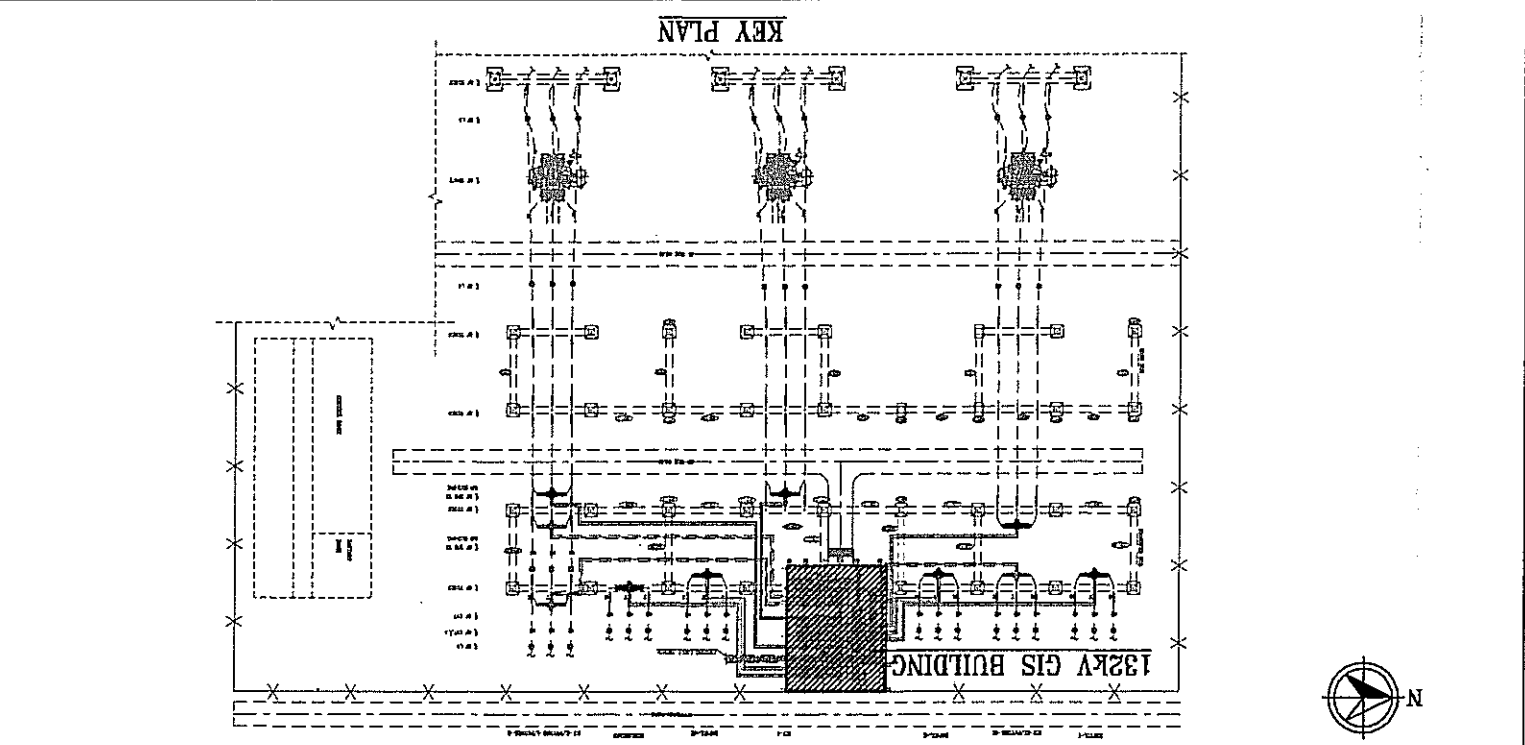
PROJECT: 132KV PUNEIA (AIS/GIS) SUBSTATION. CLIENT: POWER GRID CORPORATION OF INDIA LIMITED. SUPPLIER/CONTRACTOR: HYOSUNG CORPORATION. CONSULTANT: L&T Construction. REVISIONS table with 3 entries.

Table with 3 columns: REV. NO., REVISED DATE, DESCRIPTION. Contains 3 revision entries.

- NOTES: 1. ALL DIMENSIONS ARE IN mm AND LEVELS & CO-ORDINATES ARE IN METERS, UNLESS OTHERWISE SPECIFIED. 2. FOR THE DEVICE DESIGNATION NO., REFER TO SINGLE LINE DIAGRAM. 3. DESCRIPTION OF APPROPRIATION. 4. LCC IS SUPPLIED BY LAT. 5. THE DIMENSION OF () IS FOR REFERENCE. 6. DOTTED LINE IS FOR FUTURE SCOPE. 7. FOR DETAILS OF STAIRCASE, WINDOWS & DOORS REFER ARCHITECTURAL DRAWING NO. 041272-C-51-SY-AH-5003. 8. PLUMB SHALL BE 300mm ABOVE FLOOR FOR OUTDOOR EQUIPMENT AND 250mm (ENTRANCE) ABOVE FLOOR FOR GIS BUILDING. 9. THE COLUMN SIZE & ORIENTATION SHOWN ARE TENTATIVE PLEASE REFER CIVIL DRAWING NO. 041272-C-51-SY-AH-5003. 10. ALL THE DOOR HEIGHT SHALL BE 2100mm (MIN.) EXCEPT THE DOORS HEIGHT MENTIONED AS () SHALL BE 2700mm (MIN.). 11. THE CLEARANCE DIMENSION SHALL BE MAINTAINED AS INDICATED IN GAS HALL AND IN LCR ROOM BASED ON THE COLUMN SIZE. 12. FOR CLEARANCE BETWEEN GAS HALL AND LCR ROOM REFER RESPECTIVE CIVIL DRAWING NO. 041272-C-51-SY-AH-5003. 13. MAINTENANCE PLATFORM SHALL BE MINIMUM 600mm FROM THE FACE OF THE BRACKET. 14. LCR ROOM WE HAVE CONSIDERED SPACE FOR FUTURE LINE BAY PCC PANEL. FOR EXISTING LINE BAY PCC PANELS HAVE NOT BEEN CONSIDERED AS SAME IS ALREADY PLACED IN EXISTING CONTROL ROOM. 15. FOR EXISTING LCR BAY PCC PANELS HAVE NOT BEEN CONSIDERED AS SAME IS ALREADY PLACED IN EXISTING CONTROL ROOM. 16. BUILDING SHALL BE CONSTRUCTED IN TWO STAGES FIRST STAGE WOULD BE FROM GRID 2 TO GRID 5 & SECOND STAGE WOULD BE FROM GRID 1 TO 2. 17. FLOOR LEVEL 1000mm ABOVE FLOOR SHALL BE TENTATIVE ONLY. FOR FINAL DETAILS REFER CIVIL ARCHITECTURAL DRAWING NO. 041272-C-51-SY-AH-5003. 18. SLINGING DOOR SHALL BE PROVIDED, FOR MORE DETAILS REFER CIVIL ARCH. LAYOUT DWG NO. 041272-C-51-SY-AH-5003.

LEGEND: PRESENT SCOPE, FUTURE, PANEL FRONT. SCHEDULE: 132KV LCC PANEL, 132KV RELAY PANEL, 132KV PCC PANEL. NOT IN LAT SCOPE.

PGCL REFERENCE DRAWINGS: 1. 220/132KV PUNEIA SUBSTATION (EXT) - SINGLE LINE DIAGRAM. 2. EXTN. OF 220/132KV PUNEIA SUBSTATION - GENERAL ARRANGEMENT DRAWING. 3. EXTN. OF 220/132KV PUNEIA SUBSTATION - EXTN. OF 132KV VARIOUS EQUIPMENT - OVERALL EQUIPMENT LAYOUT PLAN & SECTION. LAT REFERENCE DRAWING: 1. EXTN. OF 132KV PUNEIA SUBSTATION - EXTN. OF 132KV VARIOUS EQUIPMENT - OVERALL EQUIPMENT LAYOUT PLAN & SECTION. Dwg. No. C/2606/ER/REISS-XI/PUN/CA/01. Dwg. No. C/2606/ER/REISS-XI/PUN/CA/01.



This drawing is the property of HYOSUNG Corp. and LARSEN & TOUBRO LIMITED. And must not be passed on to any person or body not authorized by us to receive it nor be copied or otherwise made use either in full or in part by such person or body without our prior permission in writing.

SYMBOL DESCRIPTION table. Includes symbols for DETACHABLE BUSBAR (SLOWS), SPACER (GAS TIGHT OR NON GAS TIGHT), THROUGH FLANGE, and ARCHITECTURE.

