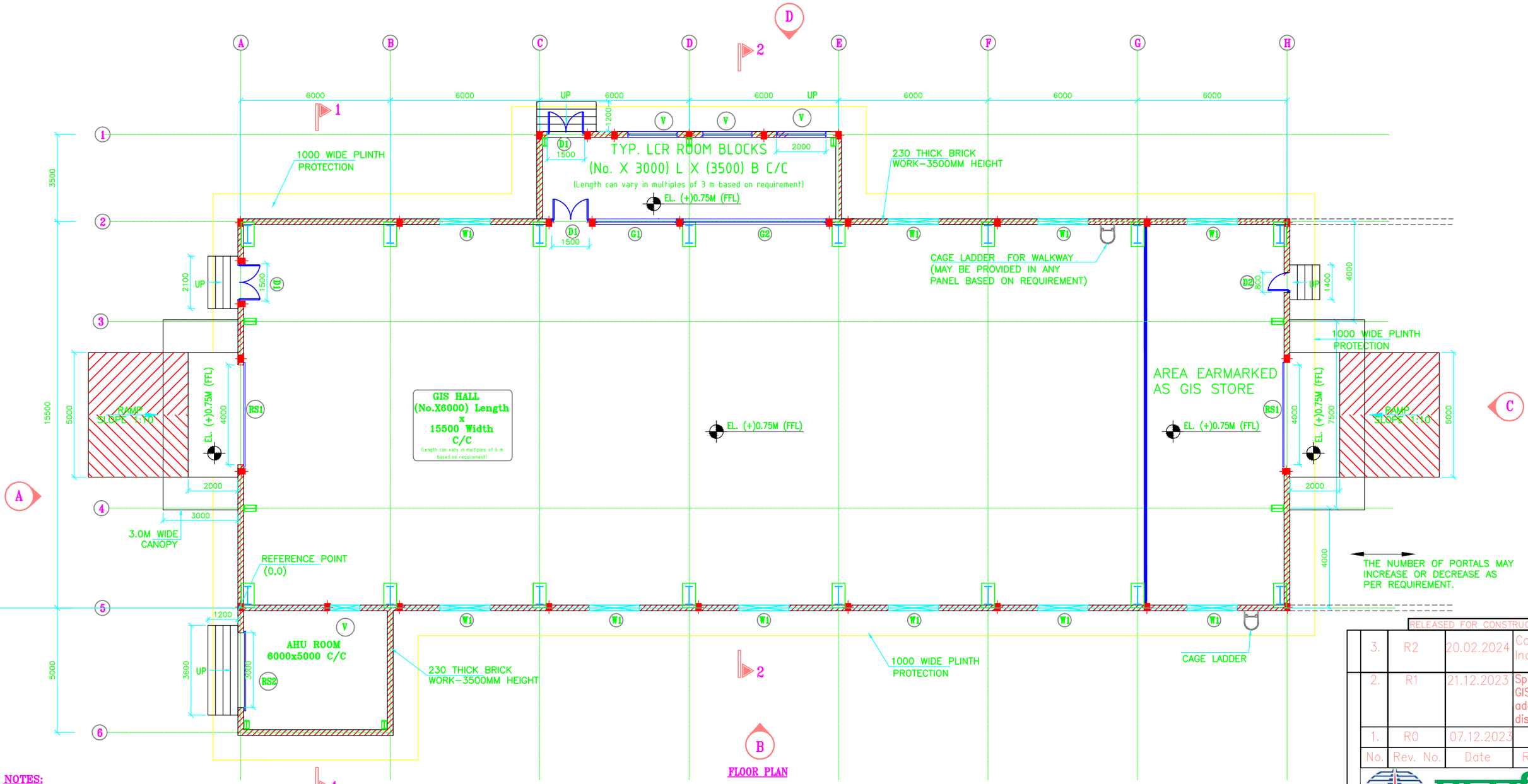


FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWING.
3. ALL DIMENSIONS SHALL BE CHECKED PRIOR TO EXECUTION OF THE WORK.
4. GIS HALL SHALL BE MADE IN MODULAR SIZE OF 6(L)x15.5(W) METER. THE NUMBER OF PORTALS MAY INCREASE OR DECREASE AS PER REQUIREMENT.
5. LCR ROOM TO BE MADE IN MODULAR SIZE OF 3(L)x3.5(W) METER AND SHALL BE PLACED SUITABLY AS PER REQUIREMENT OF LAYOUT(PREFERABLY AT CENTER OF GIS HALL). IF LENGTH IS TO BE INCREASED COLUMNS SHALL BE ADDED AT DISTANCE OF 3.0M EACH.
6. AHU ROOM TO BE MADE IN BLOCK SIZE OF 6(L)x5(W) METER AND SHALL BE PLACED AT CORNER OF GIS HALL. INCASE MORE THAN ONE AHU ROOM ARE REQUIRED SAME SHALL BE PLACED ON SAME SIDE OF GIS HALL.
7. CLEAR INTERNAL HEIGHT OF THE BUILDING FROM FFL SHALL BE 12.5 METER
8. NO CROSS BRACING SHALL BE PROVIDED BETWEEN HEIGHT OF 2.5 METER TO 5.5 MTR HEIGHT FROM FFL.
9. REFERENCE COORDINATE (0,0) MARKED IN THIS DRAWING. THIS SHALL USED TO FREEZE THE REFERENCE POINT OF GIS EQUIPMENT.
10. BUILDING PLINTH SHALL BE MINIMUM 750MM ABOVE FINISHED GROUND LEVEL.
11. FOR LOCATION AND SIZE OF COLUMNS AND PEDESTALS, REFER STRUCTURAL DRAWING.
12. FOR FINISHING SCHEDULE, DOOR, WINDOW AND VENTILATOR DETAILS SHALL BE SUBMITTED SEPARATELY
13. ALL EXTERIOR AND INTERIOR WALLS WILL BE OF 230MM THICK BRICK MASONRY
14. ALL THE BRICK WORK SHALL BE DONE IN BRICK MASONRY WITH 1:6 CM.
15. ALL DRAWING SHALL BE COORDINATED WITH OTHER RELATED DRAWINGS OF STRUCTURAL, HVAC, FIRE FIGHTING AND ELECTRICAL ETC.
16. BRACED BAY & WALL LIGHTS SHOWN IN THIS DRAWING ARE TENTATIVE ONLY. FOR DETAILS REFER STRUCTURAL DRAWING.
17. ROLLING SHUTTER RS1 CAN BE PLACED IN GRIDS 2–3,3–4,4–5,A–B ON EITHER SIDE AS DECIDED DURING DETAILED ENGINEERING. THE LOCATION OF DOORS/WINDOWS SHALL BE INTERCHANGED ACCORDINGLY.
18. AHU ROOM SHALL NOT BE CONSTRUCTED IF IT IS NOT IN THE BPS.
19. EOT CRANE HOOK BLIND ZONE ALONG CROSS TRAVEL SHALL NOT BE MORE THAN 1200 MM.
20. DUCT SEALING ARRANGEMENT SHALL BE PROVIDED BY THE PEB VENDOR
21. THIS DRAWING SHOWS MODULAR ARRANGEMENT OF GIS HALL AND LCR ROOM. IF LENGTH IS INCREASED IN THESE AREAS THEN THE WINDOWS/VENTILATORS/SKYLIGHTS SHALL BE ADDED IN THE SAME PATTERN AS SHOWN IN THE DRAWING.
22. CAGE LADDER LOCATION SHOWN HERE IS TENTATIVE. THE SAME SHALL BE FINALIZED IN THE STRUCTURAL DRAWING BASED ON OPERATIONAL REQUIREMENT.
23. GIS STORE:
    AREA FOR GIS STORE SHALL BE PROVIDED AT THE END OF THE GIS HALL AS SHOWN. THE AREA DESIGNATED FOR THE STORE SHALL BE SAME AS SHOWN IN THE DRAWING I.E. 6MX15.5M. CRANE FROM THE GIS HALL SHALL RUN INTO THE GIS STORE AREA ALSO.

LEGEND:–

FFL	–	FINISHED FLOOR LEVEL
FGL	–	FINISHED GROUND LEVEL
TYP	–	TYPICAL
FC	–	FALSE CEILING
G	–	GLAZED PARTITION
W	–	WINDOW
V	–	VENTILATOR
D	–	DOOR
RS	–	ROLLING SHUTTER
	–	230MM THK. BLOCK WALL

PREP.	REVD.	REVD.(ELEC.)	REVD.	APPD.	DATE

RELEASED FOR CONSTRUCTION

No.	Rev. No.	Date	Remarks
3.	R2	20.02.2024	Correction Incorporated
2.	R1	21.12.2023	Space for GIS Store added as per discussion
1.	R0	07.12.2023	--

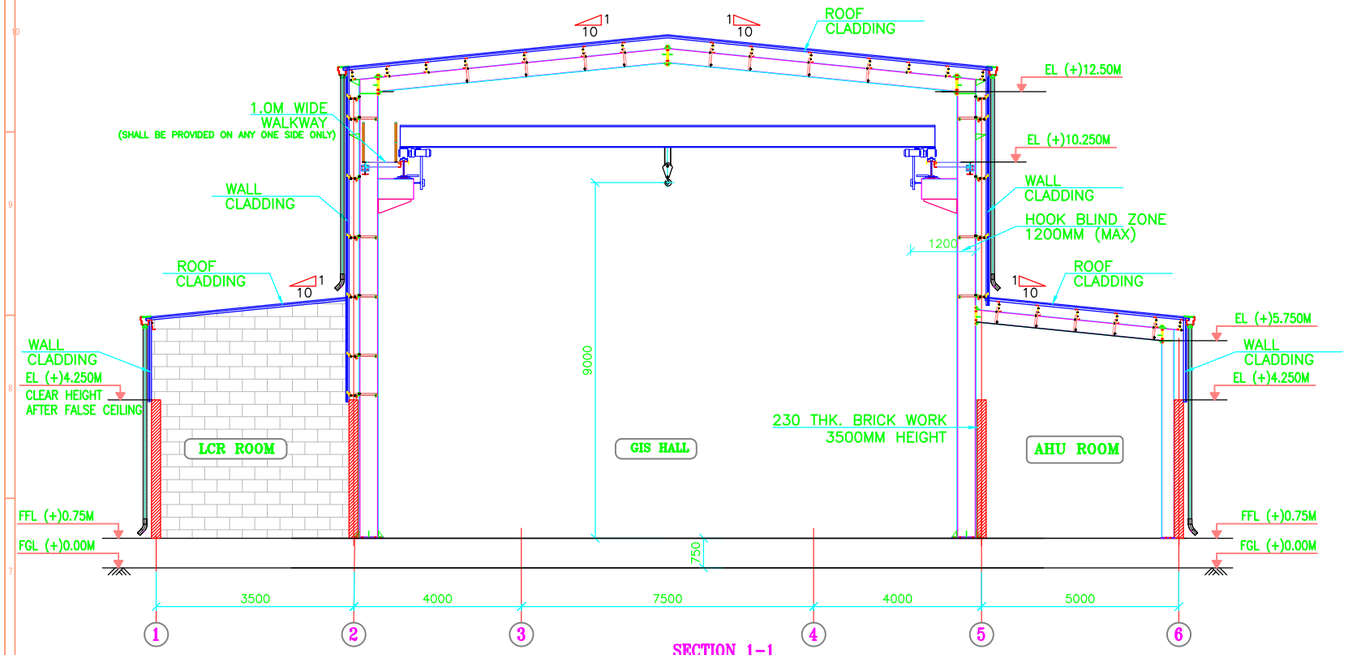
पावरग्रिड
POWERGRID

PROJECT:–
SUB–STATION PACKAGE
400/220KV

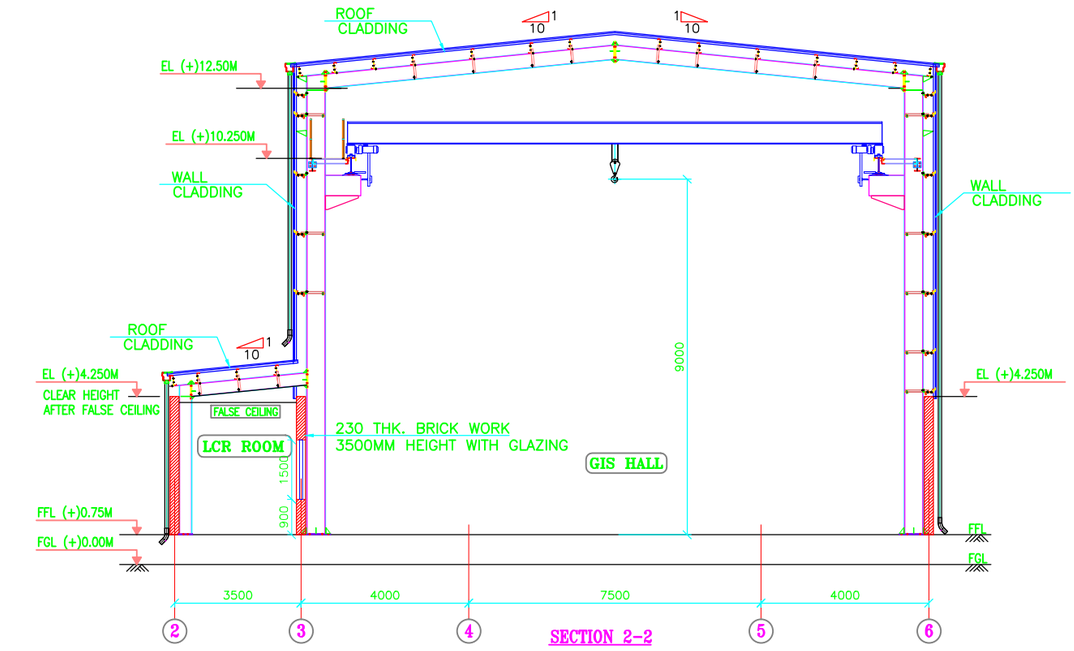
TITLE :
STANDARD 400kV GIS
BUILDING ARCHITECTURAL
DRAWING (PLAN)

DRAWING No.–
C/ENGG/CIVIL/GIS/ARCH/DRW/
01

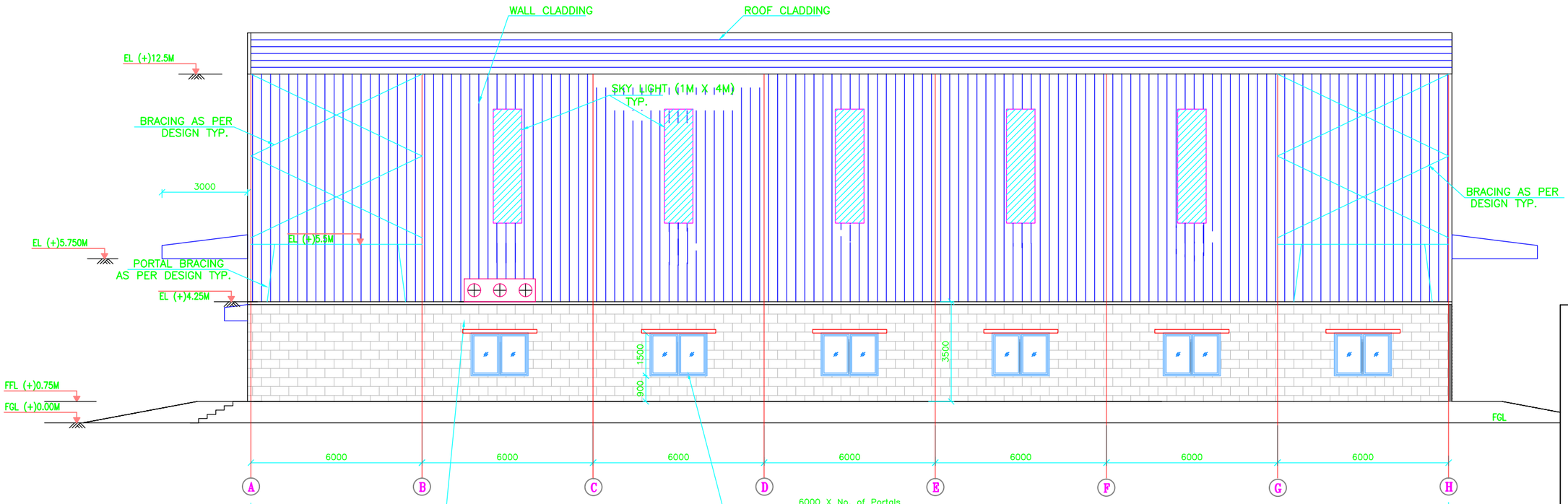
SCALE	Sheet	REVISION
N.T.S.	1 OF 3	2



SECTION 1-1



SECTION 2-2



ELEVATION -B

TYP OPENING FOR DUCTS (MAY BE PROVIDED IN ANY PANEL BETWEEN LVL 2.5M TO 5.5M)

2000x1500MM GLAZING (W1) SILL LVL: +0.9M FROM FFL (EL +0.75M)

RELEASED FOR CONSTRUCTION

No.	Revision/Issue	Date
1.	R0	07.12.2023

पावरग्रिड POWERGRID

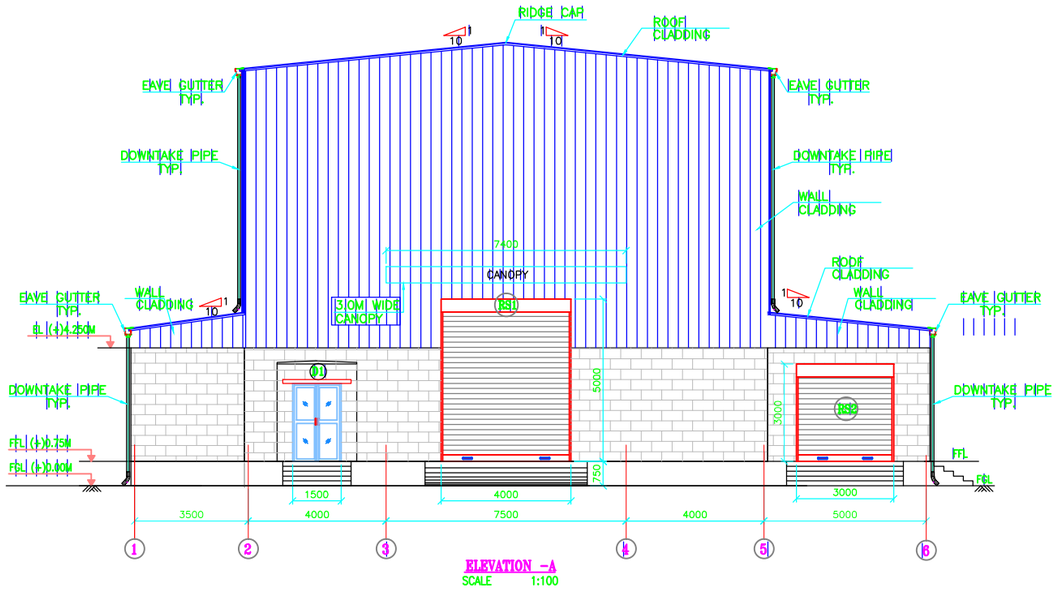
PROJECT:-
SUB-STATION PACKAGE
400/220KV

TITLE :
STANDARD 400kV GIS BUILDING ARCHITECTURAL DRAWING (ELEVATION & SECTIONS)

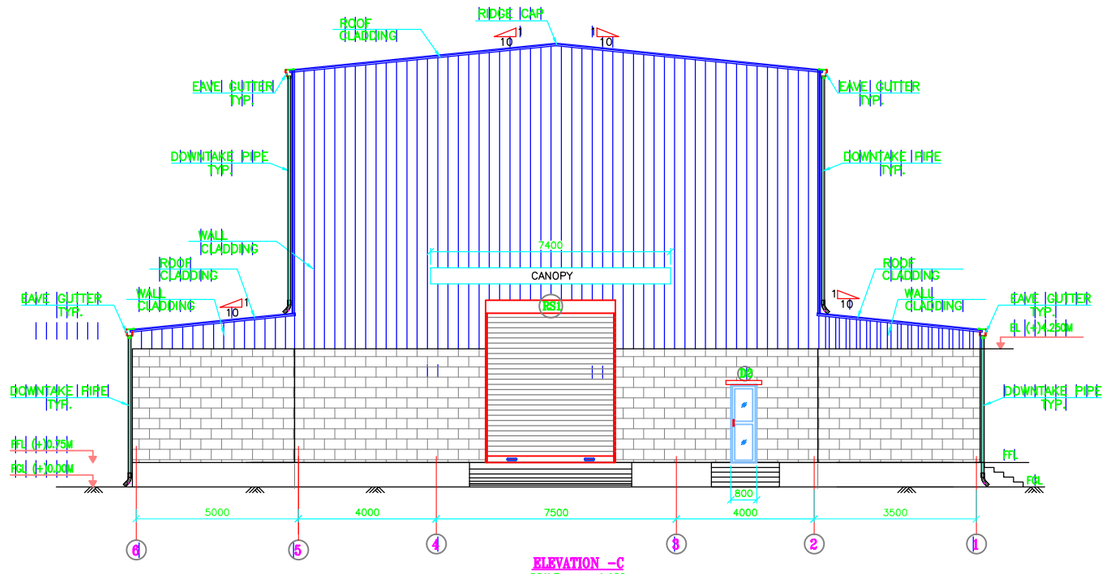
DRAWING No.-
C/ENGG/CIVIL/GIS/ARCH/DRW/01

PREP.	REVD.	REVD.(ELEC.)	REVD.	APPD.	DATE

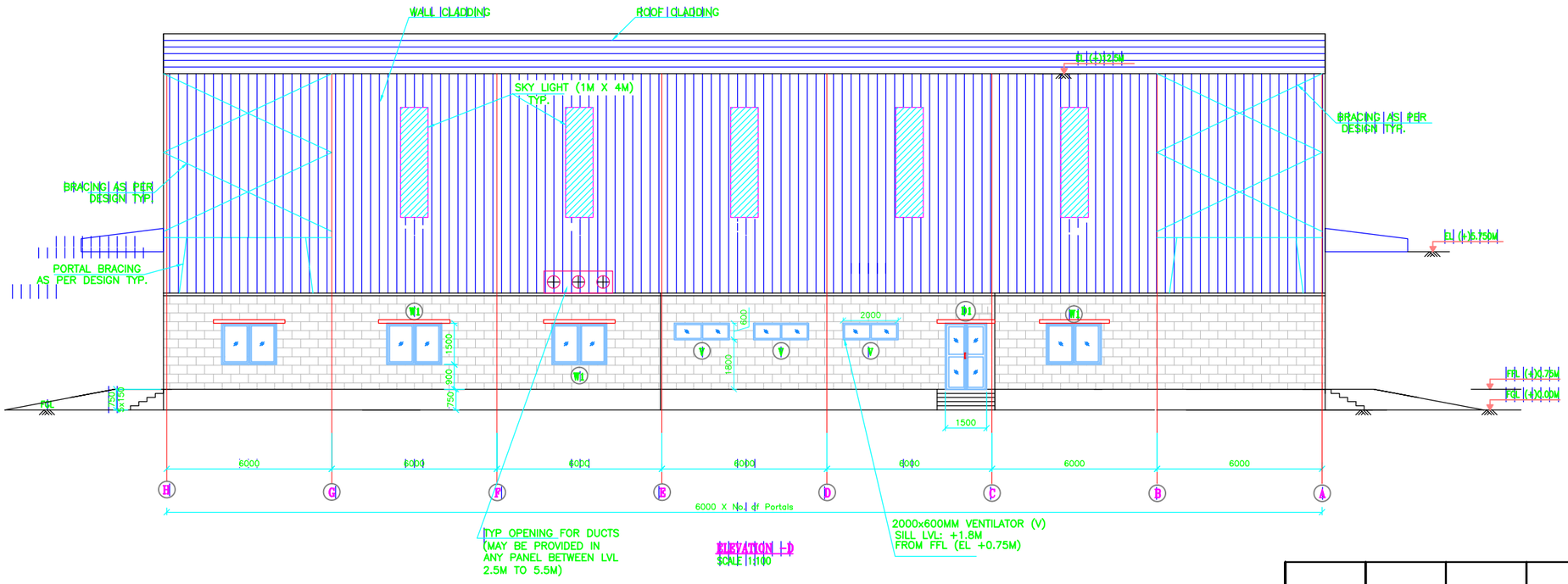
SCALE	Sheet	REVISION
N.T.S.	2 OF 3	0



ELEVATION -A
SCALE 1:100



ELEVATION -C
SCALE 1:100



ELEVATION -D
SCALE 1:100

RELEASED FOR CONSTRUCTION

No.	Revision/Issue	Date
1.	R0	07.12.2023

पावरग्रिड
POWERGRID

PROJECT:-
SUB-STATION PACKAGE
400/220KV

TITLE :
STANDARD 400kV GIS BUILDING ARCHITECTURAL DRAWING (ELEVATION & SECTIONS)

DRAWING No.-
C/ENGG/CIVIL/GIS/ARCH/DRW/01

PREP.	REVD.	REVD.(ELEC.)	REVD.	APPD.	DATE

SCALE	Sheet	REVISION
N.T.S.	3 OF 3	0