



The key plan illustrates the layout of the 220kV GIS Building and its connection to the power grid. The main building is a large rectangular structure with a hatched roof, labeled "220kV GIS BUILDING". It is connected to a "220/110KV CT" (Current Transformer) and a "220/110KV PT" (Potential Transformer). The building is situated next to a "4M WIDE ROAD". To the left, a "220KV GIS BUILDING" is shown, and to the right, a "123KV GIS BUILDING" is depicted. The plan also shows a "GATE" and a "123KV GIS BUILDING" with a "123KV GIS BUILDING" label. The plan includes a "KEY PLAN" label at the bottom.

GROUND FLOOR  
GIS BUILDING PLAN

REFERENCE DRG.: – TENDER SINGLE LINE DIAGRAM 400/220/132kV GIS S/S													
PROJECT: 400/220/132kV GIS SUBSTATION AT RASARA, BALLIA (U.P.)													
CUSTOMER: UTTAR PRADESH TRANSMISSION CORPORATION LIMITED													
		BHARAT HEAVY ELECTRICALS LTD. TRANSMISSION BUSINESS GROUP NOIDA						NAME	SIGN.	DATE	NO. OF VAR.		
							DRN.	PK		21.09.18			
							CHD.	MM/DKM					
							APPD.	AG					
D	DEPT. TBG CODE		UNTO. DIMS. GR. g/m <sup>2</sup> /f			SCALE N.T.S.	WEIGHT (KG) N.A.	REF. TO ASSY. DRG. N.A.		ITEM NO. N.A.	NO. OF ITEMS N.A.		
	TITLE CONCEPTUAL DRAWING FOR 220kV GIS BUILDING								DRG. NO. CARD CODE NA TB-3-404-316-005		REV. 02		
								SHT. No 01		NO. OF SHT. 02			

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FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

TB-3-404-316-005

DRG. NO.

6

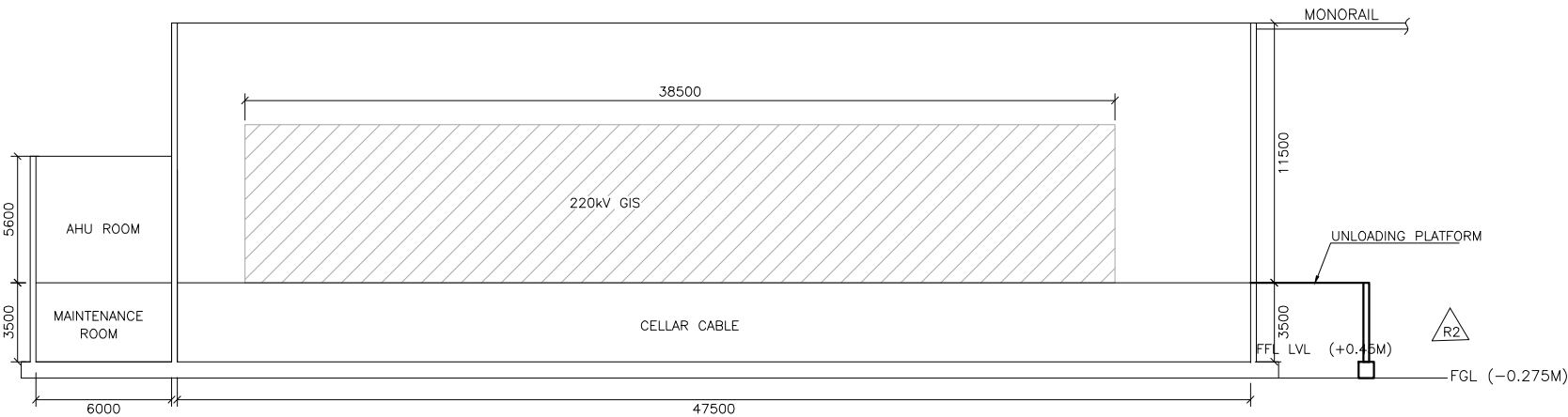
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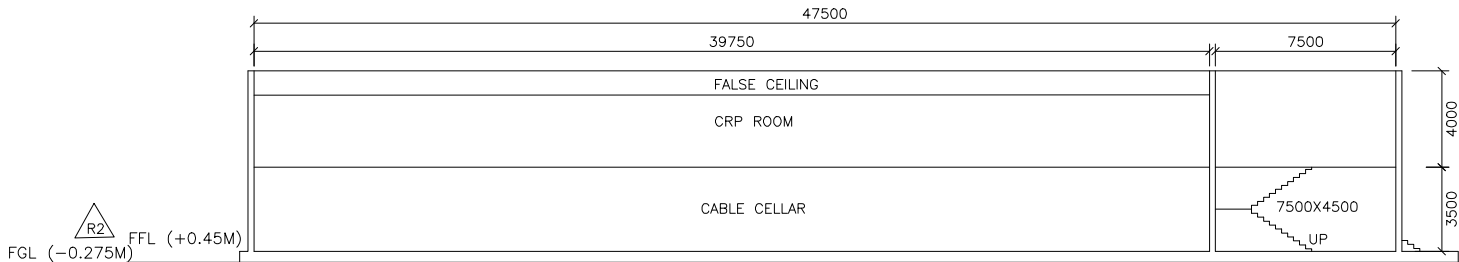
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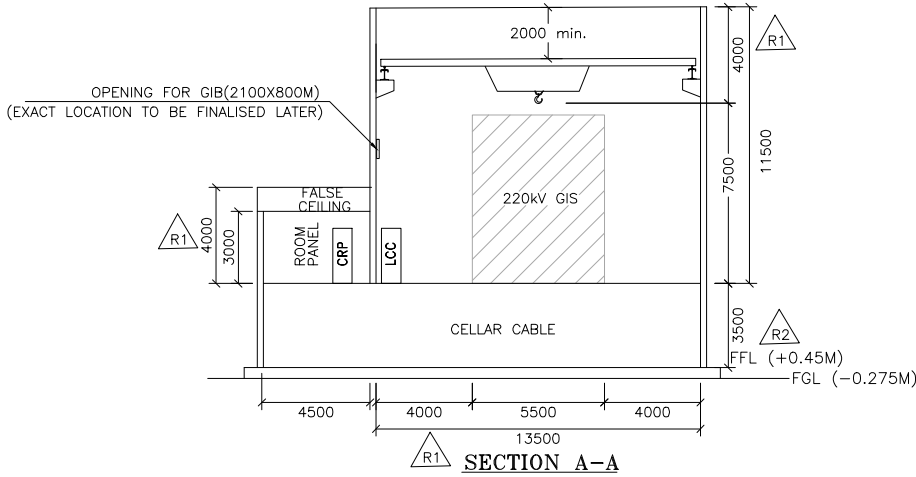
1



SECTION C-C



SECTION B-B



SECTION A-A

NOTE:-

1. ALL DIMENSIONS ARE IN MM AND MINIMUM CLEAR DIMENSIONS.
2. GIS ROOM SHALL BE PROVIDED WITH DUCTED VENTILATION .
3. FINAL LOCATION OF CABLE TRENCH ENTRY SHALL BE AS PER APPROVED TRENCH LAYOUT.
4. DOOR SHALL BE 2500(H)X1500(W) IN SIZE.
5. ROLLING SHUTTER FOR GIS ROOM SHALL BE 5500(H)X4500(W) IN SIZE.
6. CAPACITY OF EOT CRANE -10T
7. DETAILS OF STAIRS AS PER CIVIL DRG.
8. DOOR FOR AHU ROOM SHALL BE 3300(H)X2200(W) IN SIZE.

REFERENCE:-

1. LAYOUT PLAN AND SECTION DRAWING : TB-0-375-316-002

REFERENCE DRG.: - TENDER SINGLE LINE DIAGRAM 400/220/132kV GIS S/S

PROJECT:

400/220/132kV GIS SUBSTATION AT RASARA, BALLIA (U.P.)

CUSTOMER:

UTTAR PRADESH TRANSMISSION CORPORATION LIMITED



BHARAT HEAVY ELECTRICALS LTD.  
TRANSMISSION BUSINESS GROUP  
NOIDA

NAME	SIGN.	DATE	NO.OF VAR.
DRN. PK		21.09.18	
CHD. MM/DKM			N.A.
APPD. AG			

DEPT. TBG CODE	UNTOL. DIMS. GR. 9/M/f	SCALE N.T.S	WEIGHT (KG) N.A.	REF. TO ASSY. DRG. N.A.	ITEM NO. N.A.	NO.OF ITEMS N.A.
TITLE CONCEPTUAL DRAWING FOR 220kV GIS BUILDING				DRG.NO. TB-3-404-316-005	REV. 02	
SHT. No 02		NO. OF SHT. 02				

REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	MM	REV.	DATE	ALTERED	MM
		CHD/APPD			CHD/APPD			CHD/APPD	DKM/AG			PK	19.11.18
ZONE			ZONE			ZONE	DRG REVISED AS PER UPPTCL COMMENTS DATED 15.12.18. CABLE CELLAR PROVIDED ON GROUND FLOOR			ZONE	DRG REVISED AS PER UPPTCL COMMENTS DATED 10.10.2018 & CHANGE IN DIEMNSIONS OF GIS HALL.		

8

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6

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4

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2

1

SIZE-A3