

Notes:

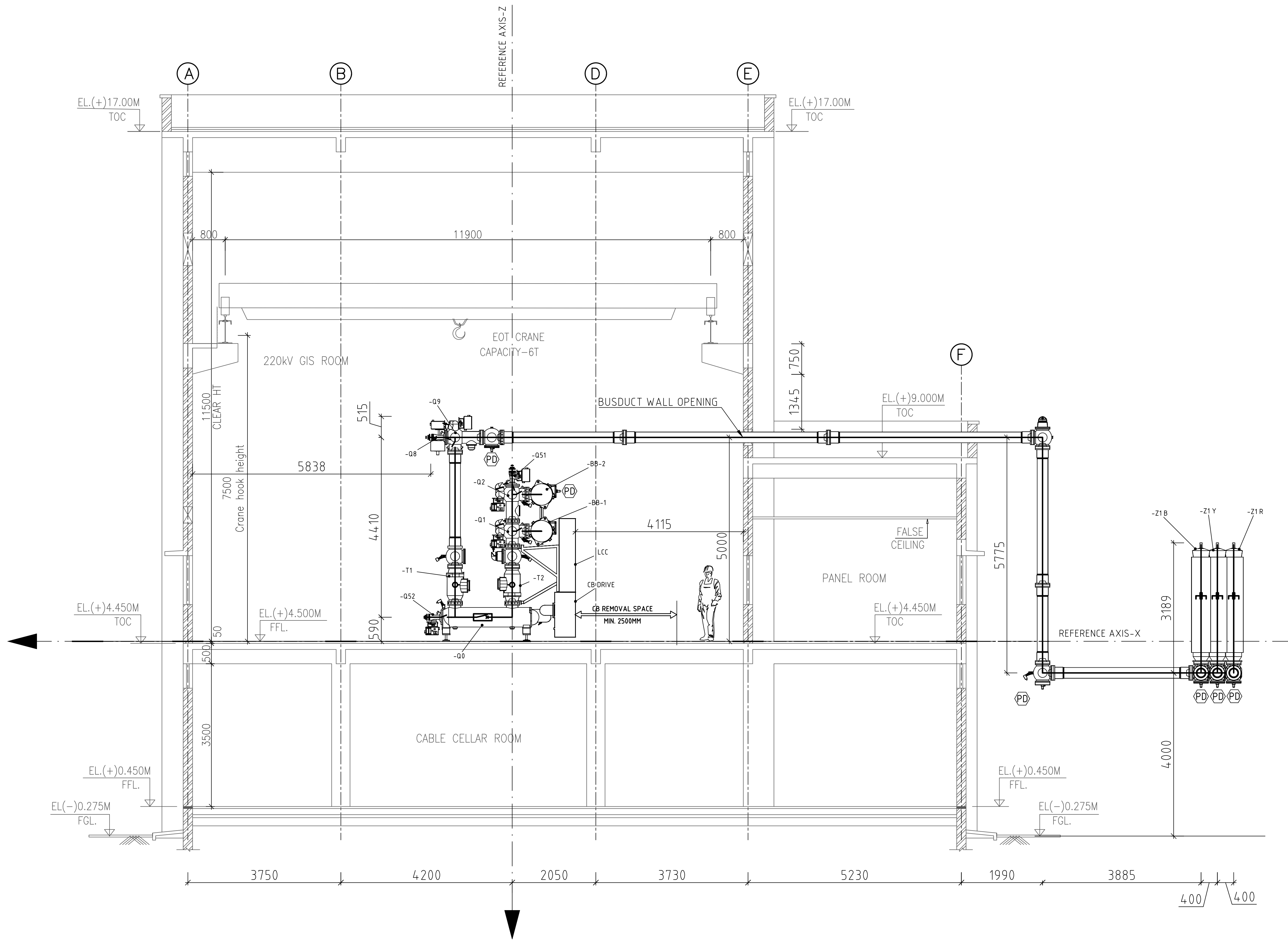
1. Refer Plan Layout for notes & details.

Reference Drawing:

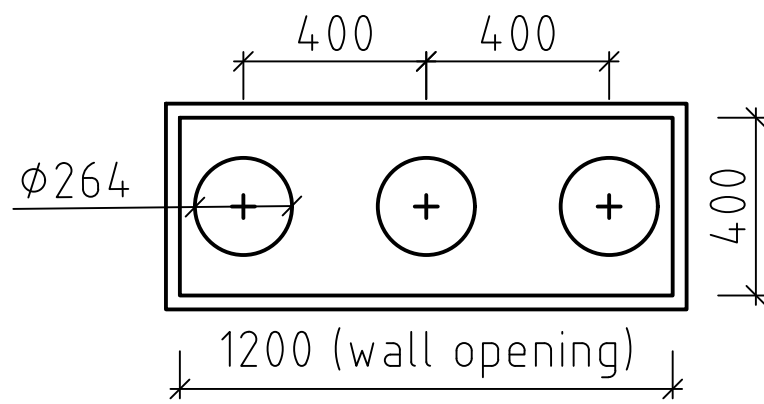
(1)	TB-0-404-316-002	PLAN & SECTION LAYOUT DRAWING FOR 400/220/132kV GIS SUB STATION
(2)	TB-1-404-607-671-1	220KV GIS BUILDING-ARCHITECTURAL FIRST FLOOR PLAN & SCHEDULE OF DOORS & WINDOWS
(3)	(1)-G71770-AD309-S005	220KV GIS - GAS SINGLE LINE DIAGRAM
(4)	(1)-G71770-AD309-V021	220KV GIS LAYOUT - PLAN VIEW

MINIMUM CLEARANCES IN AIR				
acc. to IEC 61936-1				
at a max. altitude above mean sea level: 1000 m				
Conductor -	Conductor -	Rated Voltage:	245	kV
Conductor (mm)	Earth (mm)	Rated Lightning Impulse Withstand Voltage:	1050	kV
2100	2100	Rated Power Frequency Withstand Voltage:	460	kV

Phase assignment			
Client designation			
L1	=	A	= B
L2	=	B	= Y
L3	=	C	= R





220KV GIS LAYOUT - SECTION D-D (D05 / D09 BAYS)



DETAIL OF WALL OPENING FOR BUSDUCTS (NOT TO SCALE)

FOR APPROVAL

DO NOT SCALE WORKING DIMENSIONS

R0	FIRST SUBMISSION	29.08.2019	GQ	GQ	SM
REV	DESCRIPTION	DATE	DRN.	CHD.	APD.
	UTTAR PRADESH POWER TRANSMISSION CORP. LTD. 400/220/132KV GIS at RASRA BALLIA LOI No: 336/ESD-765KV/10 RASRA/vol-3 dated 03.07.2018				
	BHARAT HEAVY ELECTRICALS LTD. P.O. NUMBER P.O. DATE				
SCALE: 1 : 50	DOCUMENT NO.- (1)-G71770-AD309-V023 - SH 03 OF 04				
GIS MANUFACTURER: SIEMENS LTD. AURANGABAD, INDIA	TITLE :	220KV GIS LAYOUT - SECTION VIEW			REV. R0

In accordance with the standard IEC 61936-1 chapter 3.2.1 it is obligatory for the user to comply with all requirements which concern an enclosed electrical operating area.

For ventilation of SF6 switchgear hall pay attention to IEC 61936-1, section 8.8.2 and to national valid instructions off accident preventions at SF6 switchgear.