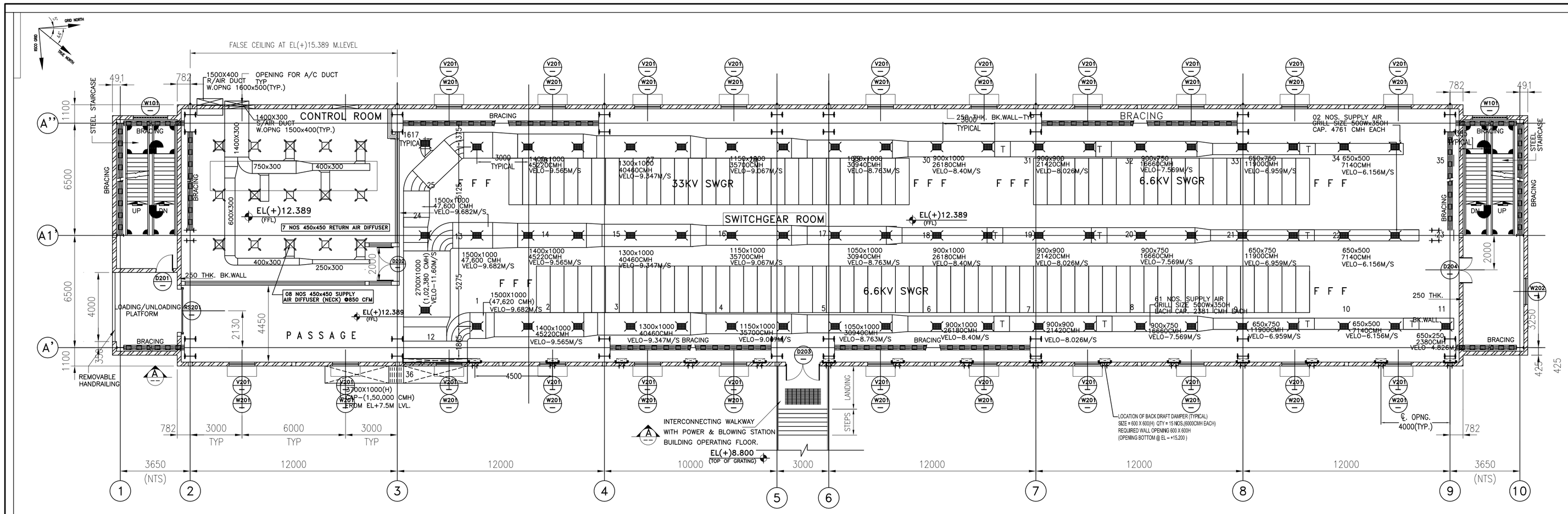
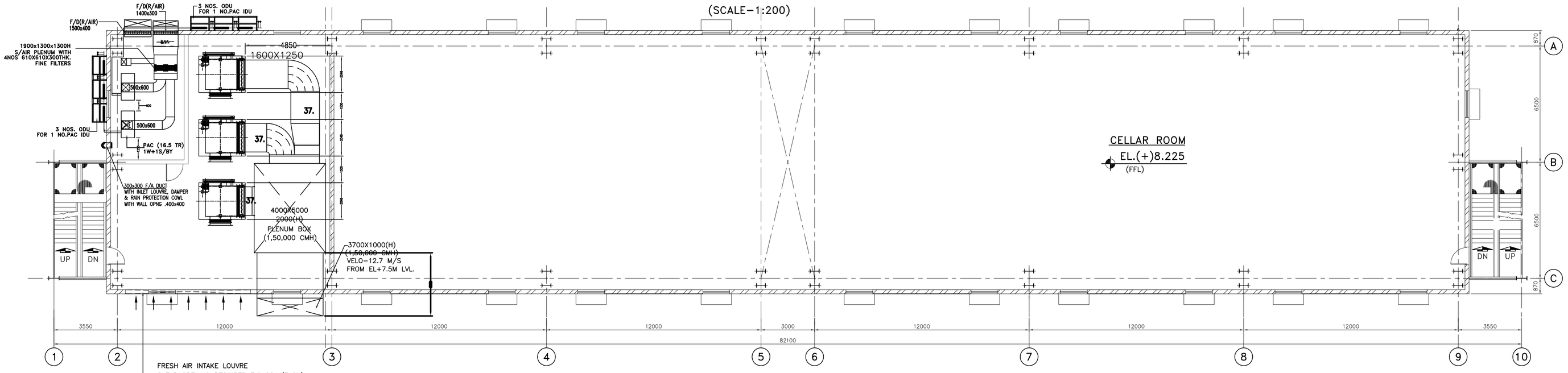
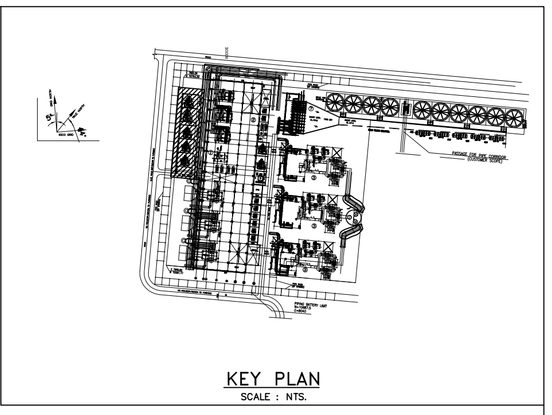


PLAN AT EL(+)12.389M. LEVEL (FFL)
(SCALE–1:200)



PLAN AT EL.(+)8.225M. LEVEL (FFL)



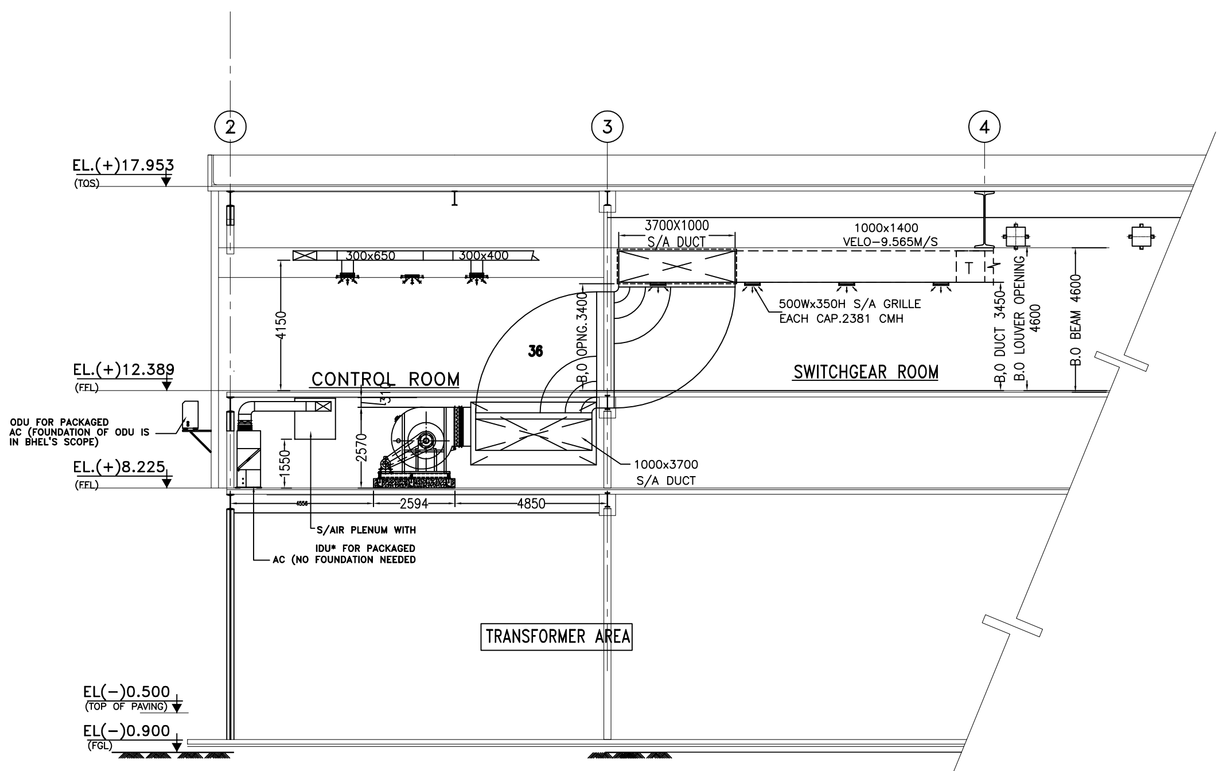
KEY PLAN
SCALE : NTS.

SCHEDULE FOR DUCT LENGTH

SL. NO.	MARK	DUCT SIZE	DUCT LENGTH	DUCT GAUGE
1.		1500 X 1000	3.35M	22 SWG
2.		1400 X 1000	9.78M	22 SWG
3.		1300 X 1000	6.08M	22 SWG
4.		1150 X 1000	5.90M	22 SWG
5.		1050X1000	6.09M	22 SWG
6.		900 X 1000	5.83M	22 SWG
7.		900 X 900	6.04M	22 SWG
8.		900 X 750	5.99M	22 SWG
9.		650 X 750	6.01M	24 SWG
10.		650X500	6.06M	24 SWG
11.		650 X 250	2.01M	24 SWG
12.		2700 X 1000	4.50M	18 SWG
13.		1500 X 1000	4.78M	22 SWG
14.		1400 X 1000	5.03M	22 SWG
15.		1300 X 1000	6.08M	22 SWG
16.		1150X1000	5.90M	22 SWG
17.		1050X1000	6.09M	22 SWG
18.		900 X 1000	5.83M	22 SWG
19.		900 X 900	6.04M	22 SWG
20.		900X750	5.99M	22 SWG
21.		650X750	6.01M	24 SWG
22.		650 X 500	6.06M	24 SWG
23.		650 X 250	2.01M	24 SWG
24.		1400X1000	3.43M	22 SWG
25.		1500X1000	6.37M	22 SWG
26.		1400X1000	5.03M	22 SWG
27.		1300 X 1000	6.08M	22 SWG
28.		1150 X 1000	5.90M	22 SWG
29.		1050 X 1000	6.09M	22 SWG
30.		900 X 1000	5.83M	22 SWG
31.		900X900	6.04M	22 SWG
32.		900X750	5.99M	22 SWG
33.		650X750	6.01M	24 SWG
34.		650X500	6.06M	24 SWG
35.		650X250	2.01M	24 SWG
36.		3700X1000	17.45M	18 SWG
37.		1600X1250	11.9M	20 SWG
38.		PLENUM CHAMBER	40.0M	18 SWG

SCHEDULE OF EQUIPMENT

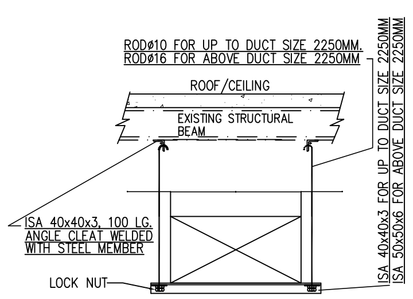
SL.NO	E Q U I P M E N T	MAKE/MODEL	QTY.
1	CENTRIFUGAL FANS	FLOW LINK FCLLD-7	3 NOS.



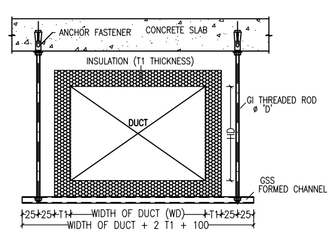
SECTION A
SCALE : NTS.

TYPICAL DUCT SUPPORT DETAIL

SNO	WIDTH OF DUCT	DIA OF ROD (D)	THICKNESS OF FORMED CHANNEL (GSS)
1	UPTO 1000MM	8 MM	18 GAUGE
2	1001– 1500 MM	10 MM	16 GAUGE
3	ABOVE 1500 MM	10 MM	14 GAUGE



TYP DETAIL OF DUCT SUPPORT TAKEN FROM EXISTING STEEL BEAM AT 1.2M(MAX.)SPACING
NTS



TYP DETAIL OF DUCT SUPPORT TAKEN FROM RCC SLAB AT 1.2M(MAX.)SPACING
NTS

CUSTOMER
IISCO STEEL PLANT, BURNPUR, WB
2.5 MTPA NEW STREAM EXPANSION

CONSULTANT
MECON LIMITED
मेकॉन लिमिटेड

PROJECT
POWER & BLOWING STATION
STEEL AUTHORITY OF INDIA
IISCO STEEL PLANT, Burnpur

CLIENT
BHARAT HEAVY ELECTRICALS LTD
HYDERABAD

TITLE:
LAYOUT FOR HT SWITCHGEAR ROOM DRY PRESSURIZED VENT SYST.