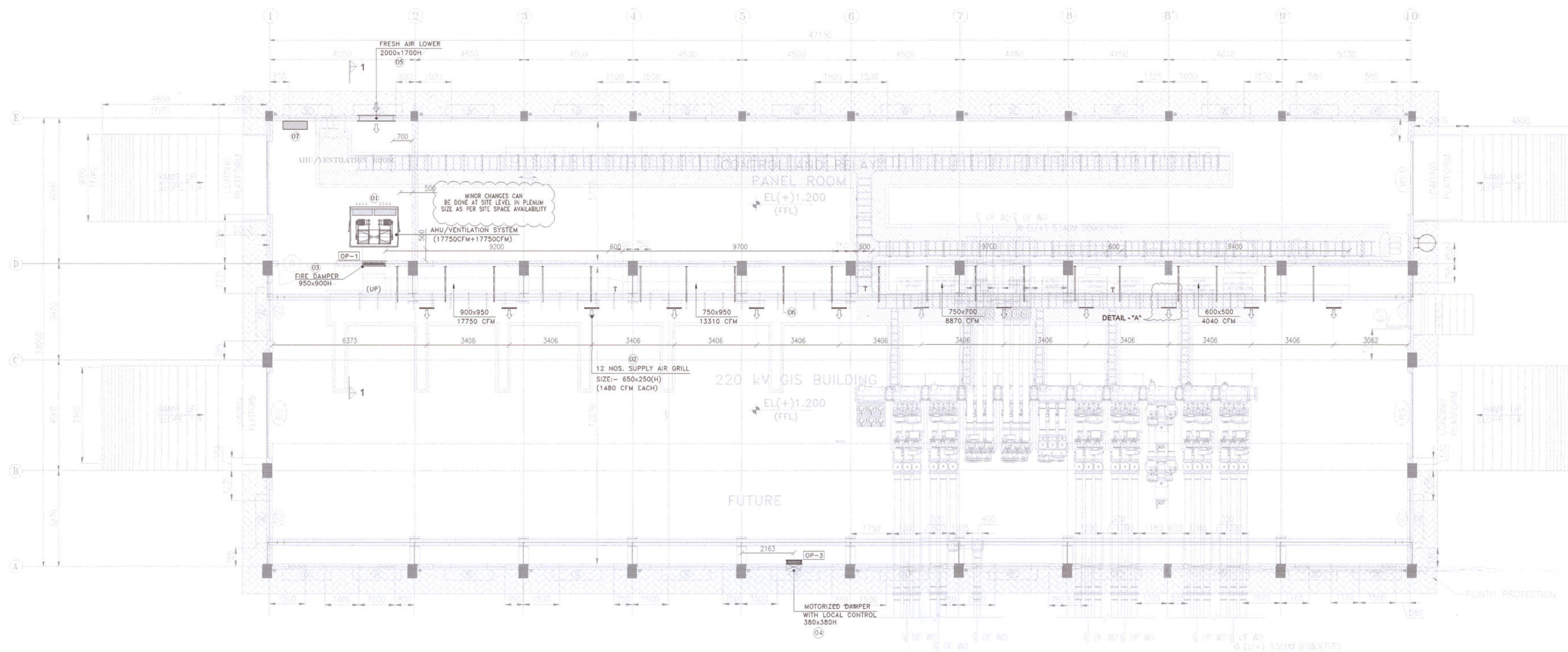
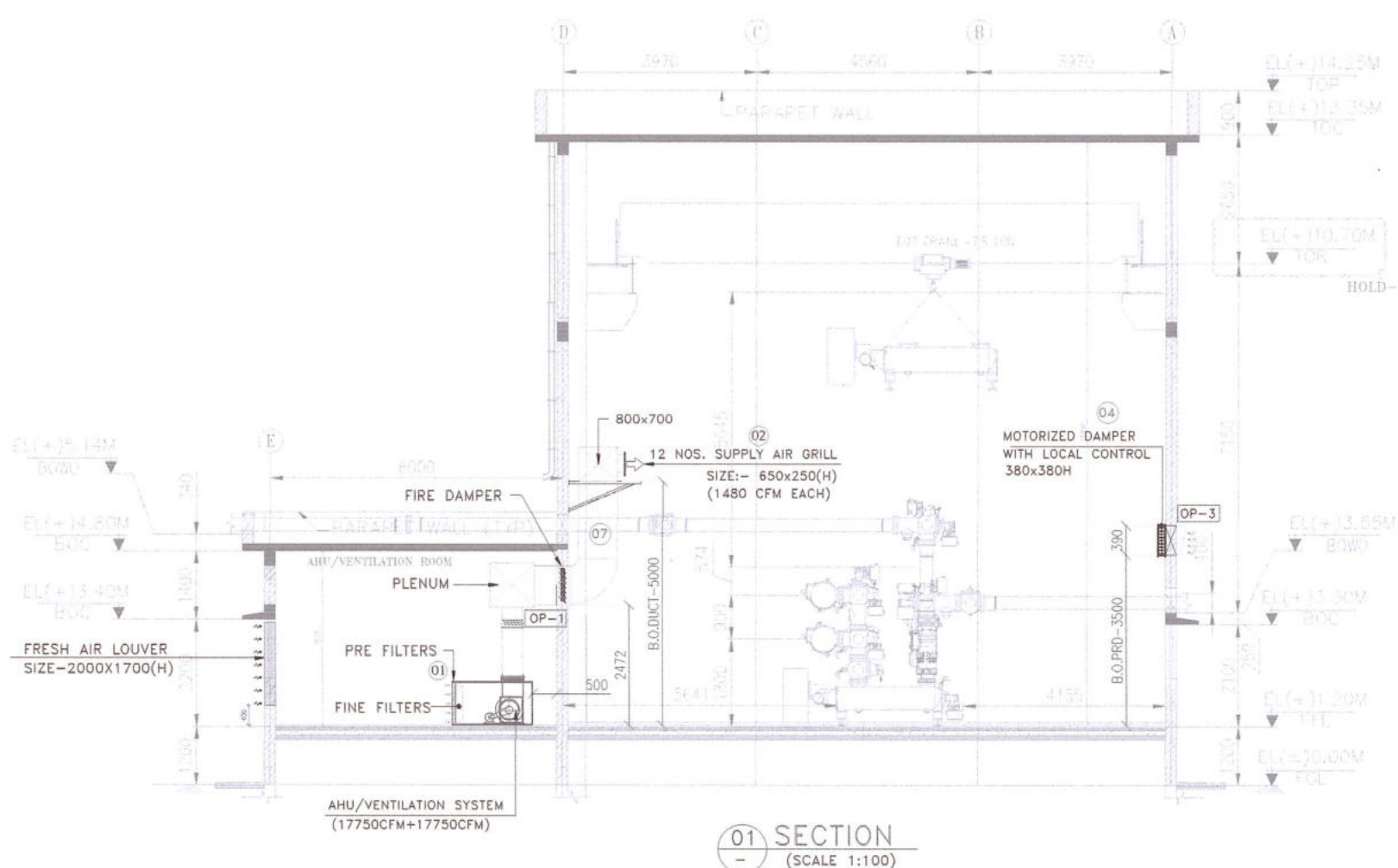
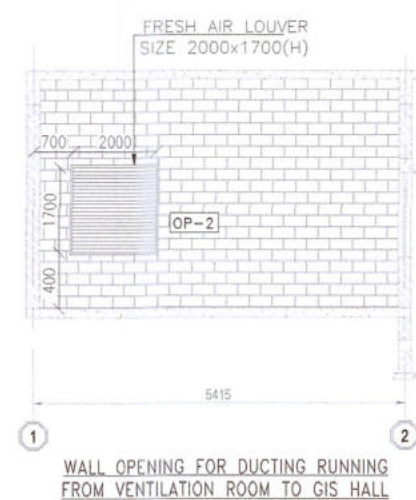




GROUND FLOOR PLAN AT EL(+1.200M)



01 SECTION
(SCALE 1:100)



WALL OPENING FOR DUCTING RUNNING FROM VENTILATION ROOM TO GIS HALL

APPROVED BY

General Manager (C)
O/o the M.AEGCL, Bijulee Bhawan
Paltanbazar, Guwahati-1

Asstt. General Manager (C)
Design & Project
AEGCL, Kahilipara, Ghy-19

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Civil Expert
PT Feedback Infra
Indonesia

SCHEDULE OF VENTILATION DUCT OPENINGS

S.NO.	TYPE	CIVIL OPENING SIZE	LOCATION	REMARK
01	OP-1	980x930H	220 GIS BUILDING	AHU/VENTILATION TO GIS HALL
02	OP-2	1430x1130	GRID-E	FRESH AIR LOVER IN VENTILATION ROOM
03	OP-3	510x510H	GRID-A	MOTORIZED DAMPER

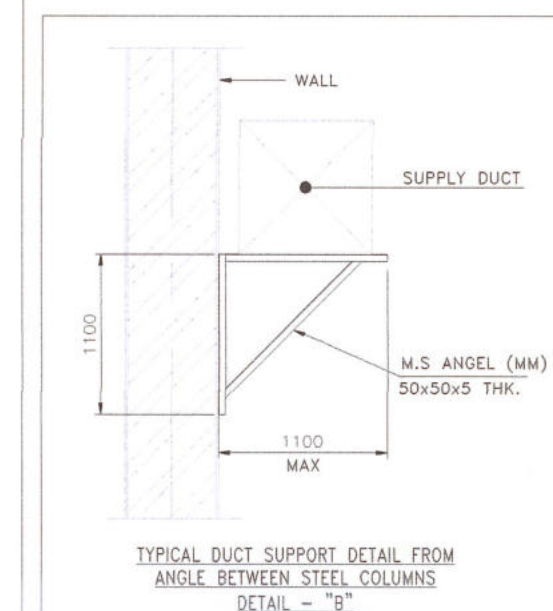
BOQ OF MATERIAL

S.NO.	MATERIAL DESCRIPTION	CAPACITY	QUANTITY
01	VENTILATION SYSTEM/VENTILATION UNIT	17750 CFM	1 SET-35500 CFM (17750 CFM+17750 CFM) (1W+1S)
02	SUPPLY AIR GRILLS	650x250(H)	12 NOS.
03	FIRE DAMPER WITH FUSIBLE LINK	950x900(H)	01 NOS.
04	MOTORIZED DAMPER WITH CONTROL	380x380(H)	01 NOS.
05	FRESH AIR LOWER	2000x1700(H)	01 NOS.
06	DUCTING SYSTEM	24 G	01 LOT

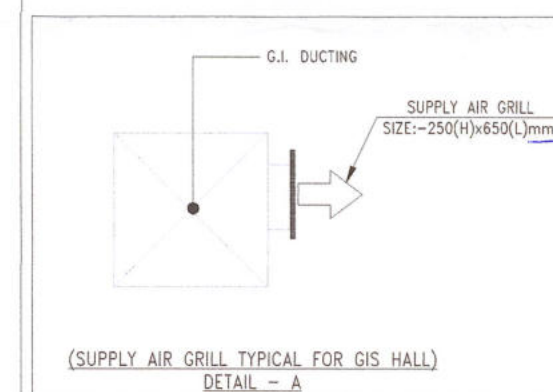
NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. MINOR CHANGE TO SUIT TO SITE CONDITIONS.
3. IF WINDOW COMING AT THE PLACE OF LOUVER THEN WINDOW HAS TO BE REMOVED AND OPENING FOR FRESH AIR LOUVER HAS TO BE PROVIDED.

LEGEND:

S.NO.	SYMBOL	DESCRIPTION
01		SUPPLY AIR DUCT
02		SUPPLY GRILLS WITH DAMPERS
03		BACK DRAFT DAMPER
04		WALL OPENING/CUTOUT
05		VENTILATION SYSTEM
06		SUPPORTING ANGLE FOR DUCT
07		DOL STARTER PANEL
08		MOTORIZED PRESSURE RELEASE DAMPER
09		FIRE DAMPER WITH FUSIBLE LINK



TYPICAL DUCT SUPPORT DETAIL FROM ANGLE BETWEEN STEEL COLUMNS
DETAIL - "B"



(SUPPLY AIR GRILL TYPICAL FOR GIS HALL)
DETAIL - "A"

CUSTOMER : ASSAM ELECTRICITY GRID CORPORATION LIMITED

CONTRACTOR : R.S. INFRAPROJECTS PVT. LTD (CONSORTIUM WITH) PARTH ELECTRICALS & ENGINEERING PVT.LTD

PROJECT : 220/132/33 KV GIS SUBSTATION,KHUMTAI,ASSAM

DRAWING TITLE : ARRANGEMENT OF DUCTING SYSTEM AND VENTILATION / AHU UNIT FOR 220 KV GIS HALL.

SUBCONTRACTOR/ SUPPLIER -

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DRG. NO. - V/RS/PLAEGCL/KHUMTAI220 KV -GIS/25-28/08/22
RO - DATE 29-08-2025
DATE 24-09-2025
SHEET 1 OF 1