

## 11) AUXILIARY SYSTEM

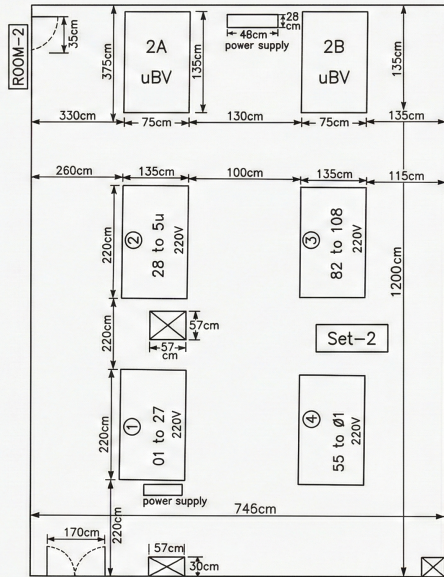
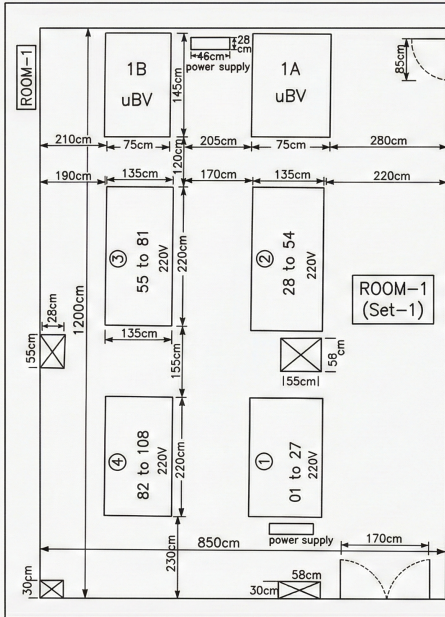
### A) D C SYSTEM:

#### 1) Battery Chargers

<b>DESIGNATION</b>		<b>48 V Chargers</b>	<b>220 V Chargers</b>
Make		Erskine Systems Ltd.	Erskine Systems Ltd.
Type		Dual 3CV 50/630	Dual 3CV 220/320
Total Quantity (2nos.per set)	Nos.	4	4
Input AC Voltage 3ph 4wire	V	415 V +/- 10%	415 V +/- 10%
Rated Frequency	Hz	50 Hz	50 Hz
Output DC Voltage	Vdc	48 V +/- 1%	220 V +/- 1%
Output max. current	Adc	630 A +/- 2%	320 A +/- 2%
Ambient Temp.	°C	50 °C	50 °C
Degree of Protection		IP54	IP54
Dimensions	mm	1200x800x1900	1200x800x1900
Weight	Kg	750 Kg	1460 Kg

#### 2) Battery System

<b>DESIGNATION</b>		<b>48 V Battery</b>	<b>220 V Battery</b>
Make		FIAMM, Italy	FIAMM, Italy
Type		SDH 31	SDH 47
Total Sets		2 sets	2 sets
No. of Cells per set (2 parallel banks)	nos.	48 (24nos. in series)	108
Cell Type		Lead acid	Lead acid
Cell Potential	Vdc	2.23	2.23
Battery Capacity per set	Ah/10h	2400	1840
Earthing		+ve	-----



PROJECT:	ELECTRICAL PANEL FLOOR PLANS
DRAWING NO:	E-101
DATE:	OCT 26, 2023
SCALE:	NTS
SHEET 1 OF 1	