

ITEM NO.	DESCRIPTION	UNIT	QTY	REMARKS
1	4CM4 50mm 287Y CABLE	M	1200	
2	4CM4 50mm 287Y CABLE	M	1200	
3	4CM4 50mm 287Y CABLE	M	1200	
4	4CM4 50mm 287Y CABLE	M	1200	
5	4CM4 50mm 287Y CABLE	M	1200	
6	4CM4 50mm 287Y CABLE	M	1200	
7	4CM4 50mm 287Y CABLE	M	1200	
8	4CM4 50mm 287Y CABLE	M	1200	
9	4CM4 50mm 287Y CABLE	M	1200	
10	4CM4 50mm 287Y CABLE	M	1200	
11	4CM4 50mm 287Y CABLE	M	1200	
12	4CM4 50mm 287Y CABLE	M	1200	
13	4CM4 50mm 287Y CABLE	M	1200	
14	4CM4 50mm 287Y CABLE	M	1200	
15	4CM4 50mm 287Y CABLE	M	1200	
16	4CM4 50mm 287Y CABLE	M	1200	
17	4CM4 50mm 287Y CABLE	M	1200	
18	4CM4 50mm 287Y CABLE	M	1200	
19	4CM4 50mm 287Y CABLE	M	1200	
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27	4CM4 50mm 287Y CABLE	M	1200	
28	4CM4 50mm 287Y CABLE	M	1200	
29	4CM4 50mm 287Y CABLE	M	1200	
30	4CM4 50mm 287Y CABLE	M	1200	
31	4CM4 50mm 287Y CABLE	M	1200	
32	4CM4 50mm 287Y CABLE	M	1200	
33	4CM4 50mm 287Y CABLE	M	1200	
34	4CM4 50mm 287Y CABLE	M	1200	
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43	4CM4 50mm 287Y CABLE	M	1200	
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57	4CM4 50mm 287Y CABLE	M	1200	
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59	4CM4 50mm 287Y CABLE	M	1200	
60	4CM4 50mm 287Y CABLE	M	1200	
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63	4CM4 50mm 287Y CABLE	M	1200	
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98	4CM4 50mm 287Y CABLE	M	1200	
99	4CM4 50mm 287Y CABLE	M	1200	
100	4CM4 50mm 287Y CABLE	M	1200	

PROJECT: YASHAWANTRAO CHAVAN ACADEMY OF DEVELOPMENT ADMINISTRATION

CLIENT: YASHDA, PUNE

ARCHITECT: CS&S ENGINEERING PRIVATE LIMITED, PUNE

DATE: 01/12/2023

FOR REVISION:

LEGEND - PA SYSTEM

- CABINET SPEAKER, SURFACE MOUNTED (6W)
- PA CALL STATION (MICROPHONE)
- PA AMPLIFIER

LEGEND - CCTV & NETWORKING SYSTEM

- IP CAMERA (2MP)
- 16 CHANNEL DVR
- NETWORK RACK - WALL MOUNTED
- 32" CCTV MONITOR
- SIGNAL DATA POINT
- RJ11 TELEPHONE POINT
- TV SOCKET POINT

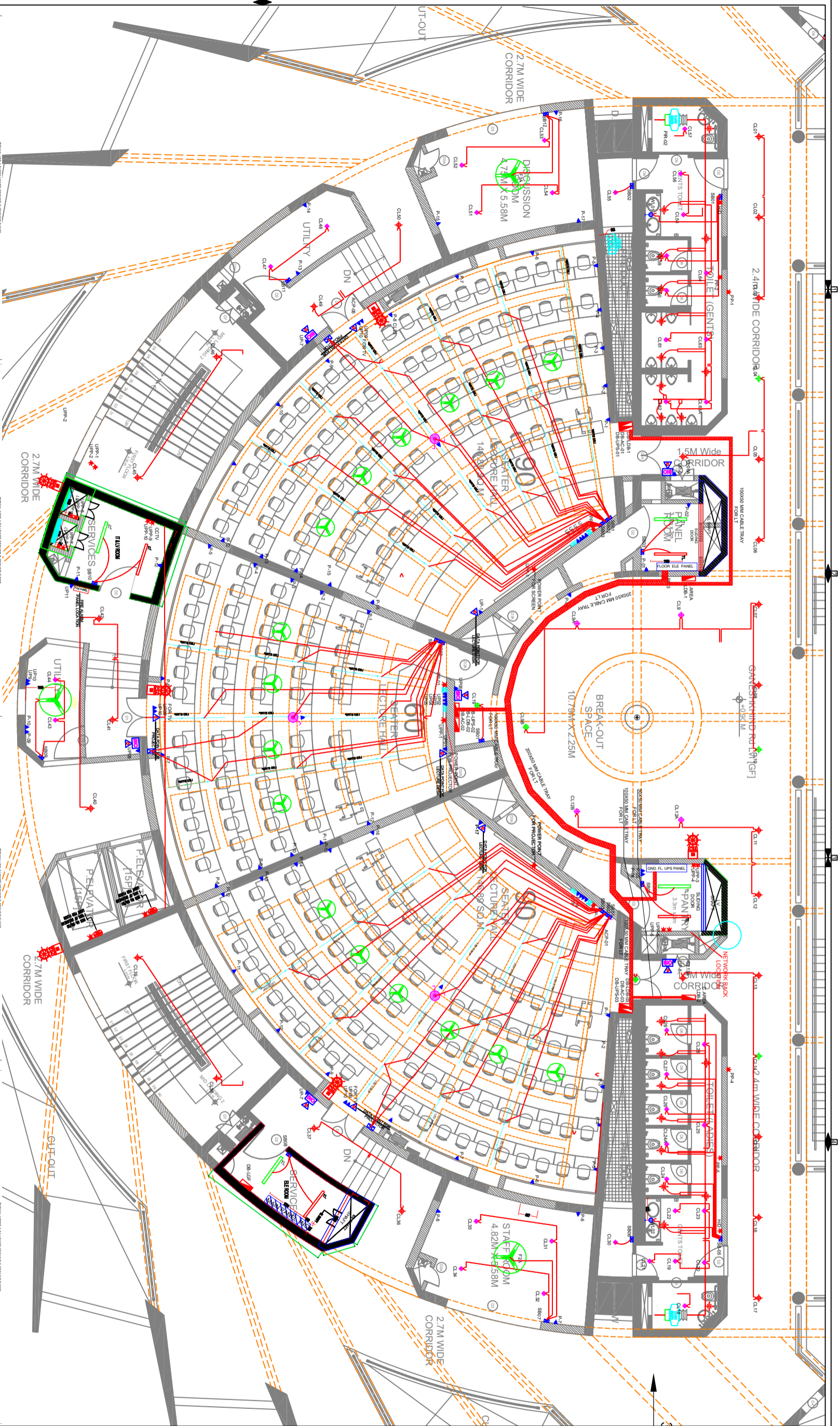
BASE DRAWINGS

NO.	REVISION	DATE
R0	FOR APPROVAL	01/12/2023

DRAWING DETAILS

DRAWING NO:	EL-01	NO
DATE:	01/12/2023	
DRAWN BY:	S.S.	
CHECKED BY:	S.S.	
PAPER SIZE:	A1	SCALE: NIS

DRAWING NAME: ELECTRICAL LAYOUT FOR L. GROUND FLOOR (ACAD. BLOCK)



NO.	DESCRIPTION	UNIT	QTY	TOTAL
1	2.7M WIDE CORRIDOR	NO.	1	1
2	2.4M WIDE CORRIDOR	NO.	1	1
3	BREAK-OUT SPACE	NO.	1	1
4	UTILITY ROOM	NO.	1	1
5	STAFF ROOM	NO.	1	1
6	RECEPTION	NO.	1	1
7	OFFICE	NO.	1	1
8	CONFERENCE ROOM	NO.	1	1
9	SERVER ROOM	NO.	1	1
10	STORAGE ROOM	NO.	1	1
11	RESTROOM	NO.	1	1
12	TOILET	NO.	1	1
13	WATER TANK	NO.	1	1
14	WATER TREATMENT UNIT	NO.	1	1
15	WATER PUMP	NO.	1	1
16	WATER TREATMENT UNIT	NO.	1	1
17	WATER PUMP	NO.	1	1
18	WATER TREATMENT UNIT	NO.	1	1
19	WATER PUMP	NO.	1	1
20	WATER TREATMENT UNIT	NO.	1	1
21	WATER PUMP	NO.	1	1
22	WATER TREATMENT UNIT	NO.	1	1
23	WATER PUMP	NO.	1	1
24	WATER TREATMENT UNIT	NO.	1	1
25	WATER PUMP	NO.	1	1
26	WATER TREATMENT UNIT	NO.	1	1
27	WATER PUMP	NO.	1	1
28	WATER TREATMENT UNIT	NO.	1	1
29	WATER PUMP	NO.	1	1
30	WATER TREATMENT UNIT	NO.	1	1
31	WATER PUMP	NO.	1	1
32	WATER TREATMENT UNIT	NO.	1	1
33	WATER PUMP	NO.	1	1
34	WATER TREATMENT UNIT	NO.	1	1
35	WATER PUMP	NO.	1	1
36	WATER TREATMENT UNIT	NO.	1	1
37	WATER PUMP	NO.	1	1
38	WATER TREATMENT UNIT	NO.	1	1
39	WATER PUMP	NO.	1	1
40	WATER TREATMENT UNIT	NO.	1	1
41	WATER PUMP	NO.	1	1
42	WATER TREATMENT UNIT	NO.	1	1
43	WATER PUMP	NO.	1	1
44	WATER TREATMENT UNIT	NO.	1	1
45	WATER PUMP	NO.	1	1
46	WATER TREATMENT UNIT	NO.	1	1
47	WATER PUMP	NO.	1	1
48	WATER TREATMENT UNIT	NO.	1	1
49	WATER PUMP	NO.	1	1
50	WATER TREATMENT UNIT	NO.	1	1

PROJECT: YASHAWANTRAO CHAVAN ACADEMY OF DEVELOPMENT ADMINISTRATION

CLIENT: YASHDA, PUNE

ARCHITECT: GEM ENGINEERS

DATE: 01/12/2023

FOR: TENDER

SEAL & STATUS:

DATE: 01/12/2023

FOR: TENDER

LEGEND - PA SYSTEM

- SWITCHBOARD
- WALL LIGHT POINT 18W
- CEILING LIGHT POINT 30W
- POWER POINT WITH TELEPHONE POINT
- CEILING Fan 35W
- CEILING ROSE
- AC UNIT
- WIRE CONNECTOR FOR AC
- 6A SOCKET OUTLET & SWITCH FOR TV
- 6A SOCKET OUTLET & SWITCH FOR AQUA
- 16A REVERSE SWITCH & SOCKET
- 6/17A SOCKET OUTLET & SWITCH FOR FRIDGE
- 6A SOCKET OUTLET
- 16A SOCKET OUTLET & SWITCH FOR INVERTER
- (DB) POWER DISTRIBUTION BOARD
- (LV DB) LV DISTRIBUTION BOARD
- PAROJECTION
- KEY TACK
- FLUORESCENT LIGHT 30W
- FLUORESCENT LIGHT 30W WITH 3 HRS BATTERY BK
- FLUORESCENT LIGHT 30W WITH 3 HRS BATTERY BK
- PASSIVE INFRARED SENSOR
- PERFORATED TYPE CABLE TRAY FOR LT

LEGEND - FIRE ALARM SYSTEM

- FIRE ALARM CONTROL PANEL
- MANUAL CALL POINT
- HOOTER

LEGEND - PA SYSTEM

- CABINET SPEAKER SURFACE MOUNTED (SM)
- PA CALL STATION (MICROPHONE)
- PA AMPLIFIER

LEGEND - CCTV & NETWORKING SYSTEM

- DOME TYPE CAMERA (2MP)
- 16 CHANNEL DVR
- NETWORK RACK WALL MOUNTED
- 32 CCTV MONITOR
- SINGLE DATA POINT
- RJ11 TELEPHONE POINT
- TV SOCKET POINT

DRAWING DETAILS

DRAWING NO: EL-02

DATE: 01/12/2023

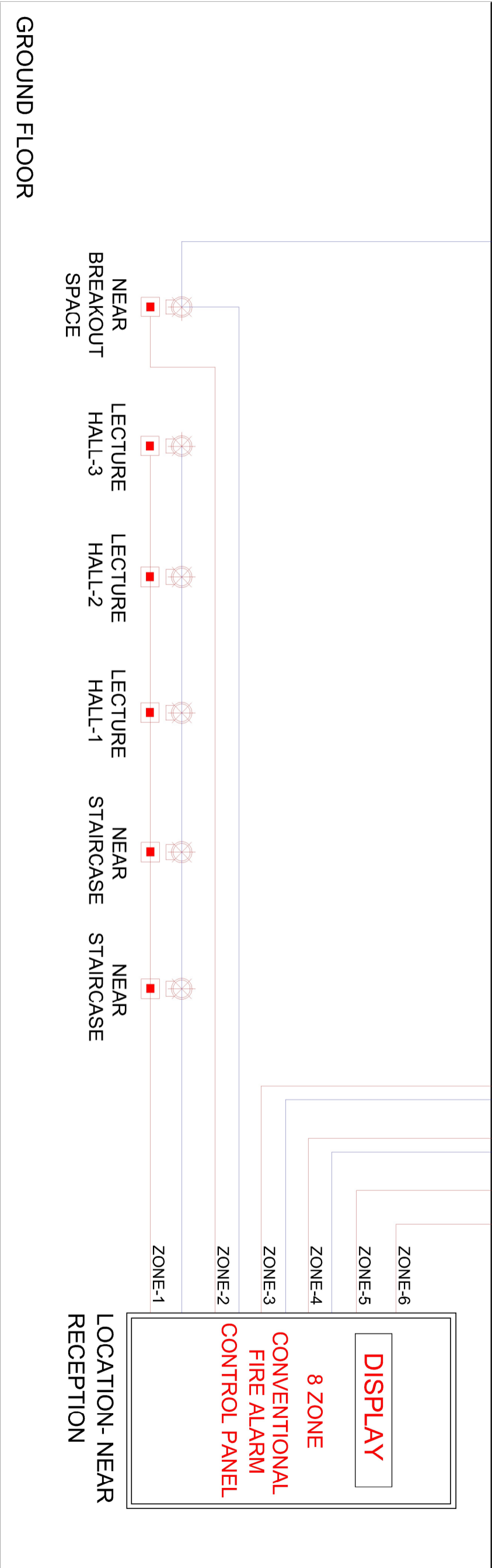
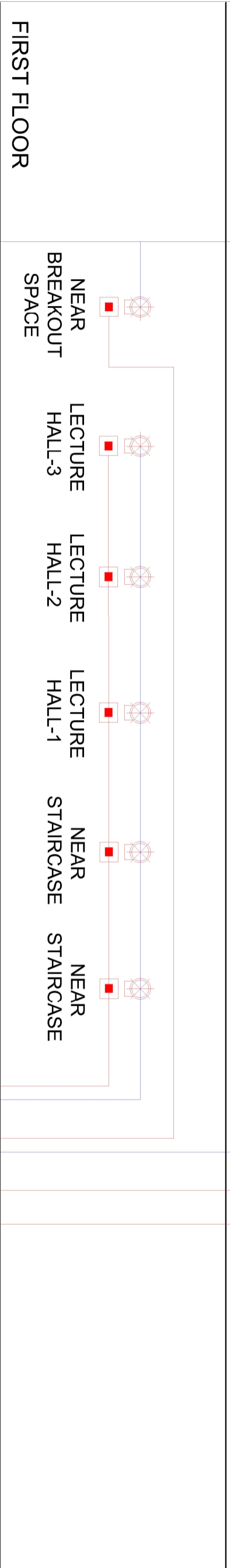
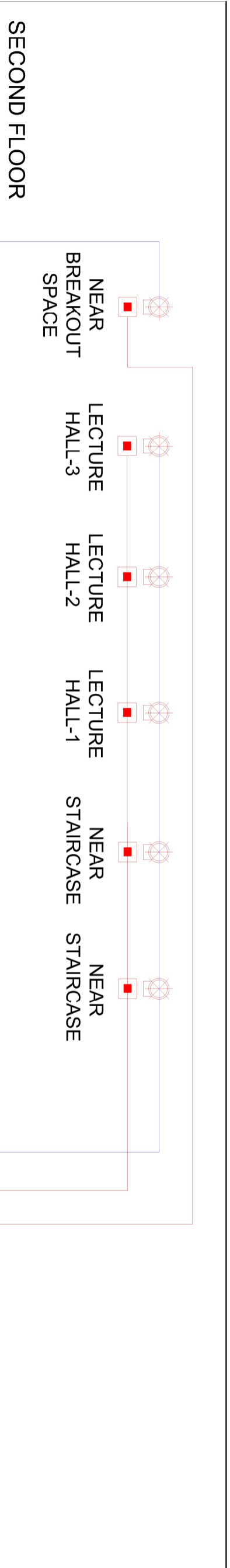
DRAWN BY: SS

CHECKED BY: SS

PAPER SIZE: A1

SCALE: NTS

DRAWING NAME: ELECTRICAL LAYOUT FOR GROUND FLOOR (ACAD BLOCK)



DISPLAY

8 ZONE

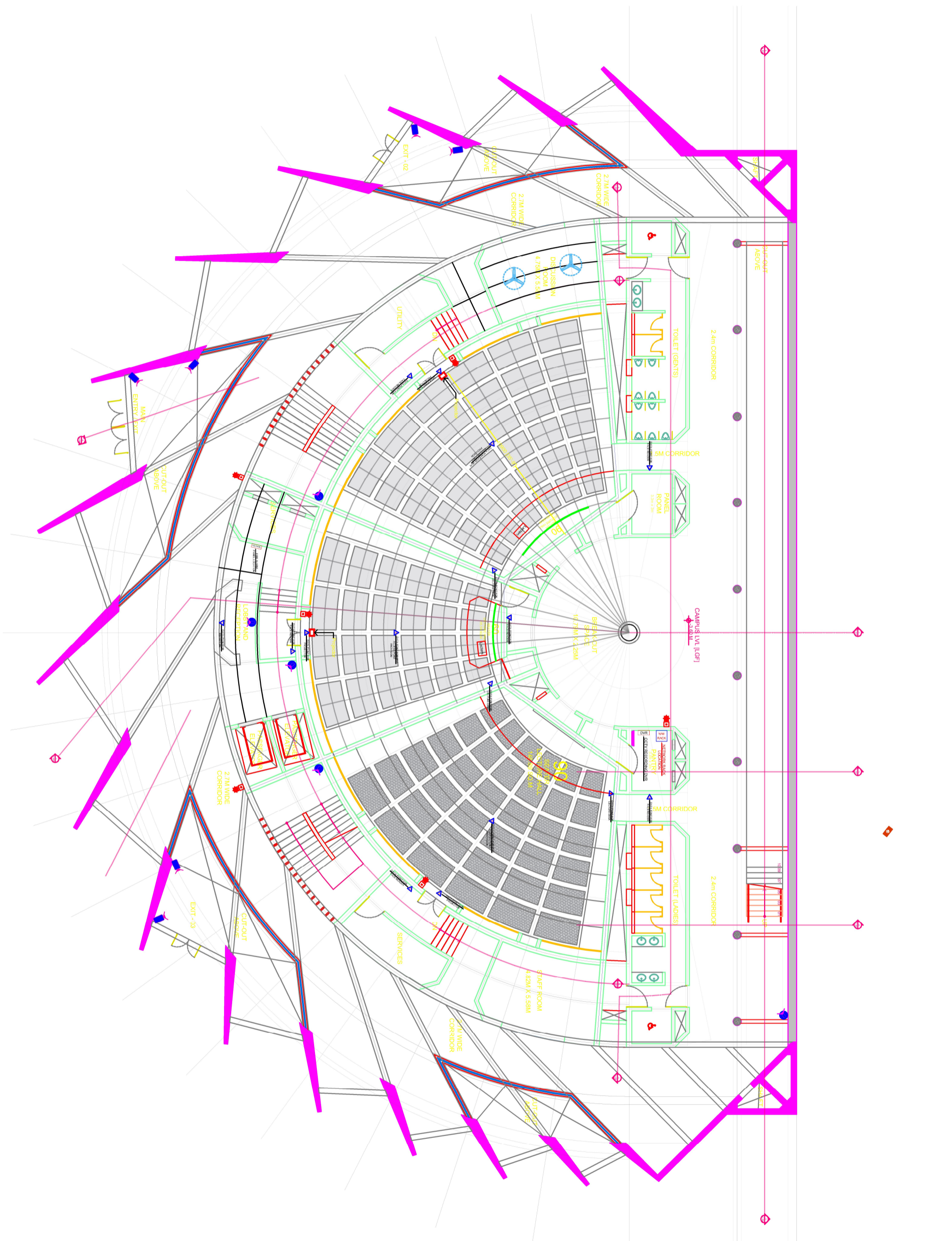
**CONVENTIONAL
FIRE ALARM
CONTROL PANEL**

**LOCATION - NEAR
RECEPTION**

LEGEND - FIRE ALARM SYSTEM

■	MANUAL CALL POINT
⊗	STROBE C/JM SOUNDER
—	2C X 1.5 SQ.MM - FIRE ZONE CABLE
—	2C X 1.5 SQ.MM - HCOTER POWER CABLE

SCHEMATIC LAYOUT FOR CONVENTIONAL FIRE ALARM SYSTEM



Symbol	Description
[Green Circle]	Green Zone
[Yellow Circle]	Yellow Zone
[Red Circle]	Red Zone
[Blue Circle]	Blue Zone
[Purple Circle]	Purple Zone
[Orange Circle]	Orange Zone
[Pink Circle]	Pink Zone
[Light Blue Circle]	Light Blue Zone
[Light Green Circle]	Light Green Zone
[Light Yellow Circle]	Light Yellow Zone
[Light Purple Circle]	Light Purple Zone
[Light Orange Circle]	Light Orange Zone
[Light Pink Circle]	Light Pink Zone
[Light Blue Square]	Light Blue Square
[Light Green Square]	Light Green Square
[Light Yellow Square]	Light Yellow Square
[Light Purple Square]	Light Purple Square
[Light Orange Square]	Light Orange Square
[Light Pink Square]	Light Pink Square
[Light Blue Triangle]	Light Blue Triangle
[Light Green Triangle]	Light Green Triangle
[Light Yellow Triangle]	Light Yellow Triangle
[Light Purple Triangle]	Light Purple Triangle
[Light Orange Triangle]	Light Orange Triangle
[Light Pink Triangle]	Light Pink Triangle
[Light Blue Diamond]	Light Blue Diamond
[Light Green Diamond]	Light Green Diamond
[Light Yellow Diamond]	Light Yellow Diamond
[Light Purple Diamond]	Light Purple Diamond
[Light Orange Diamond]	Light Orange Diamond
[Light Pink Diamond]	Light Pink Diamond
[Light Blue Star]	Light Blue Star
[Light Green Star]	Light Green Star
[Light Yellow Star]	Light Yellow Star
[Light Purple Star]	Light Purple Star
[Light Orange Star]	Light Orange Star
[Light Pink Star]	Light Pink Star

