

NOTES

- PROTECTION MODULE, 25 PR, 110 IN/UT, 110 OUTPUT, INTERNAL SPICE CHAMBER, AND 3-IN SURGE PROTECTORS.
- 3/4" FIRE RATED PLYWOOD FROM 6" AFF TO 8'-6".
- TELECOMMUNICATIONS MAIN GROUND BUS (TMGB). SEE GROUND BAR DETAIL ON SHEET EP701.
- 110 PUNCH DOWN BLOCKS.
- ELECTRONIC EQUIPMENT RACKS SEE ELEVATION SHEET ET001.
- 3-4" CONDUIT SLEEVES THROUGH FLOOR ABOVE TO SECOND FLOOR TELECOMMUNICATIONS ROOM.
- 3-4" CONDUITS SERVICE ENTRANCE. FOR CONTINUATION, SEE SHEET EP203
- 3-4" CONDUIT SLEEVES THROUGH WALL AT 12" ABOVE CEILING.
- MOUNT CAMERA IN CANOPY.
- DOOR ACCESS SYSTEMS CONTROL PANEL.
- RACK ENCLOSURE, LEFT/RIGHT SWING OUT, 28"H x 23.5"W x 22.5"D. WALL MOUNT WITH TOP AT 72" AFF.
- PLUG STRIP WITH INTEGRAL SURGE PROTECTION, SIX NEMA 5-20P MINIMUM.
- 100 Mbps ETHERNET COMMUNICATION INTERFACE/VOIP POWER SWITCH, 8 POWERED (15W/PORT) PORTS, 1 UNPOWERED UPLINK PORT, 19" RACK MOUNTABLE.
- STATION GATEWAY. INTERFACE BETWEEN NON-IP PERIPHERAL DEVICES AND THE NURSE CALL SYSTEM LAN. THE GATEWAY PROVIDES A PATH FOR DATA AND A PATH TO STAFF STATIONS, DOME LIGHTS AND PULL CORD STATION.
- STAFF CONSOLE / ANNUNCIATOR, DESK-TOP.
- DOME LIGHT. MOUNT OVER DOOR TO ROOM.
- EMERGENCY PULL CORD STATION. MOUNT 48" AFF UON.
- CAT 6 CABLE IN 3/4"C TO MAIN TELECOM ROOM.
- CAT 6 CABLE. RUN IN HORIZONTAL PATHWAY SYSTEM.
- CAT 6 CABLE AND 2/C #14 CONTROL CABLE.
- UPS BACKUP POWER SUPPLY.
- NURSE CALL SYSTEM SOFTWARE, FIRMWARE AND HARDWARE SHALL BE 100% COMPATIBLE WITH THE HOSPITAL'S EXISTING NETWORK BASED G.E. TELLIGENCE NURSE CALL SYSTEM.

FIRST FLOOR PLAN - TELECOMMUNICATIONS
SCALE: 1/8" = 1'-0"

Revisions		Date

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CONSTRUCTION DOCUMENTS

Drawing Title
FIRST FLOOR PLAN - TELECOMMUNICATIONS

Project Title
MENTAL HEALTH BUILDING - HAMPTON VAMC

Date
03.13.15
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590.301

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Building No. 144
Checked by: FUA
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144ET101
SHEET - OF 106



Department of Veterans Affairs

- NOTES
1.

4" CONDUIT WITH 25 PR. COPPER PE-89 OSP CABLE. RUN CONDUIT THROUGH CRAWL SPACE. STUB-UP IN TELECOM ROOM.
2.

4" CONDUIT WITH 48 STRAND SINGLE MODE OS2 AND 24 STRAND MULTI-MODE OM4 FIBER OPTIC CABLES, LOOSE TUBE. INDOOR/OUTDOOR CABLE AND 3-4" MESH INNERDUCT. RUN CONDUIT THROUGH CRAWL SPACE. STUB-UP 12" AFF IN TELECOM ROOM
3.

4" SPARE CONDUIT.
4.

25 PR. 5 PIN PROTECTION MODULE.
5.

110 PUNCH DOWN BLOCKS, 50PR.
6.

25 PR. COPPER CMR.
7.

20' MAINTENANCE LOOP.
8.

CABLE RUNWAY IN TELECOM ROOM.
9.

EXOTHERMIC WELD TO BUILDING STEEL.
10.

GROUND BUS SEE DETAIL SHEET EP701
11.

#3/0 BASE COPPER IN PVC CONDUIT TO ELECTRICAL SERVICE GROUND.
12.

#3/0 BASE COPPER TELECOMMUNICATIONS BONDING BACKBONE.
13.

FIBER OPTIC CABLE CONNECTOR HOUSING.
14.

12 STRAND SINGLE MODE AND 12 STRAND MULTI-MODE FIBER OPTIC CABLES OFNR.
15.

ELECTRONIC EQUIPMENT RACK.
16.

THROUGH WALL FIRE STOP.
17.

CABLE TRAY ABOVE CEILING.
18.

TYPICAL WALL VOICE OUTLET, PROVIDE ONE CAT 6 CABLE PER OUTLET.
19.

TYPICAL VOICE/DATA OUTLET. PROVIDE FOUR CAT 6 CABLES PER OUTLET.
20.

PROVIDE DOME CAMERA. CEILING MOUNTED WITH DM2 DOME HOUSING.
21.

PROVIDE PTZ DOME CAMERA. WALL MOUNTED USING BRACKET. MOUNTED WITH WEATHERPROOF DOME HOUSING. COMPLETE WITH TRUE DAY/NIGHT AND WIDE DYNAMIC RANGE FUNCTIONALITY.
22.

PROVIDE EACH PANIC/DURESS BUTTON WITH ITS OWN DISTINCT INDICATION AT THE MONITORING LOCATION OF ITS ACTIVATION.
23.

SYSTEM CONTROL PANELS AND ACCESSORIES SHALL BE COMPATIBLE AND INTERFACE SEAMLESSLY WITH THE FACILITIES EXISTING INTEGRATED SECURITY MANAGEMENT SYSTEM (G.E.FACILITY COMMANDER).
24.

4 FIRE AND TEMPERATURE RATED SLEEVES THROUGH FLOOR SLAB.
25.

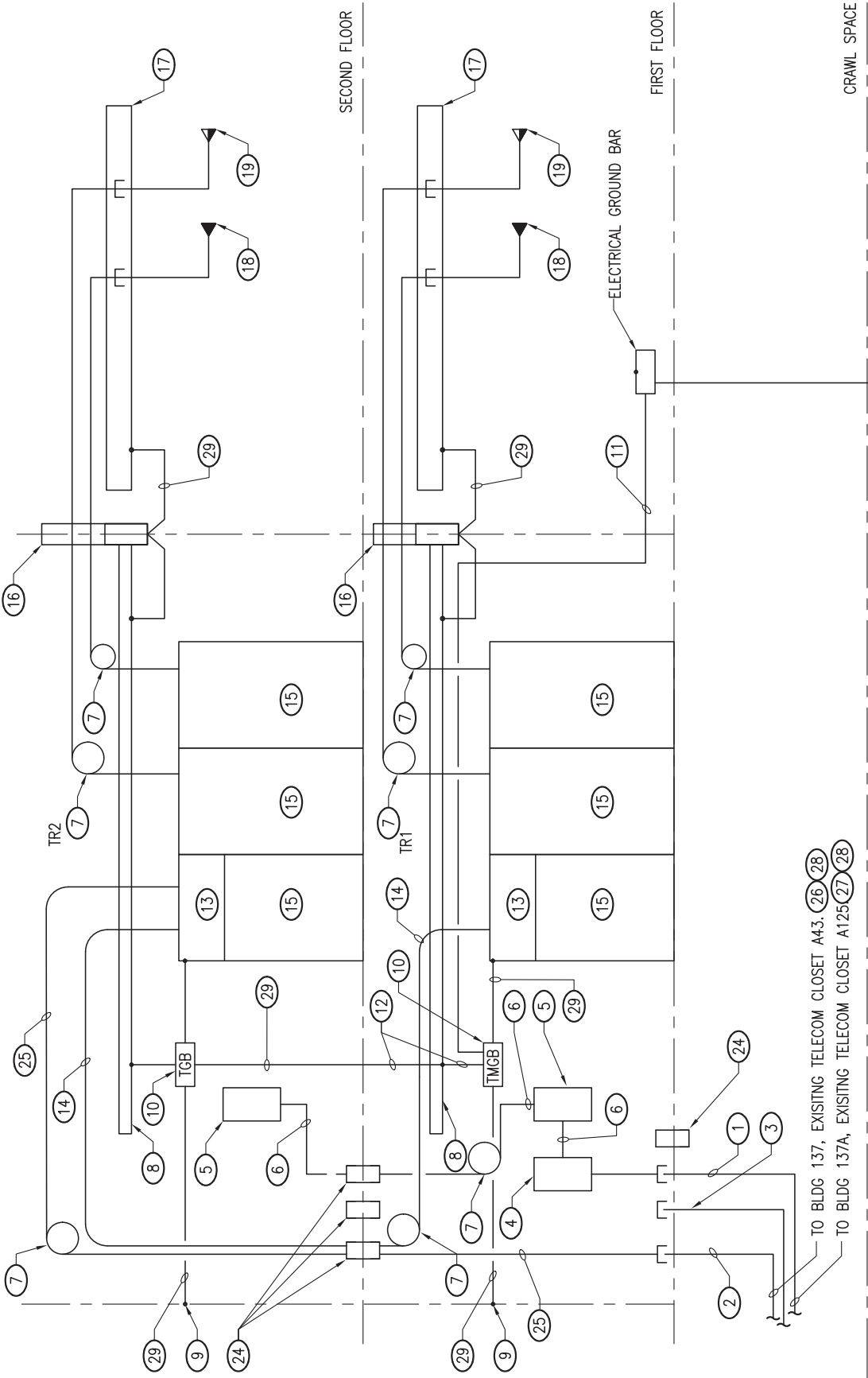
48 STRAND SINGLE SINGLE MODE OS2 AND 24 STRAND MULTI-MODE OM4 FIBER OPTIC CABLES, LOOSE TUBE, INDOOR/OUTDOOR CABLE.
26.

PROVIDE TWO 48 STRAND WALL MOUNTED FIBER TERMINATION CABINETS AND MOUNT AT LOCATION AS DIRECTED BY THE OWNER.
27.

PROVIDE 110 PUNCH DOWN BLOCKS AND MOUNT AT LOCATION AS DIRECTED BY THE OWNER.
28.

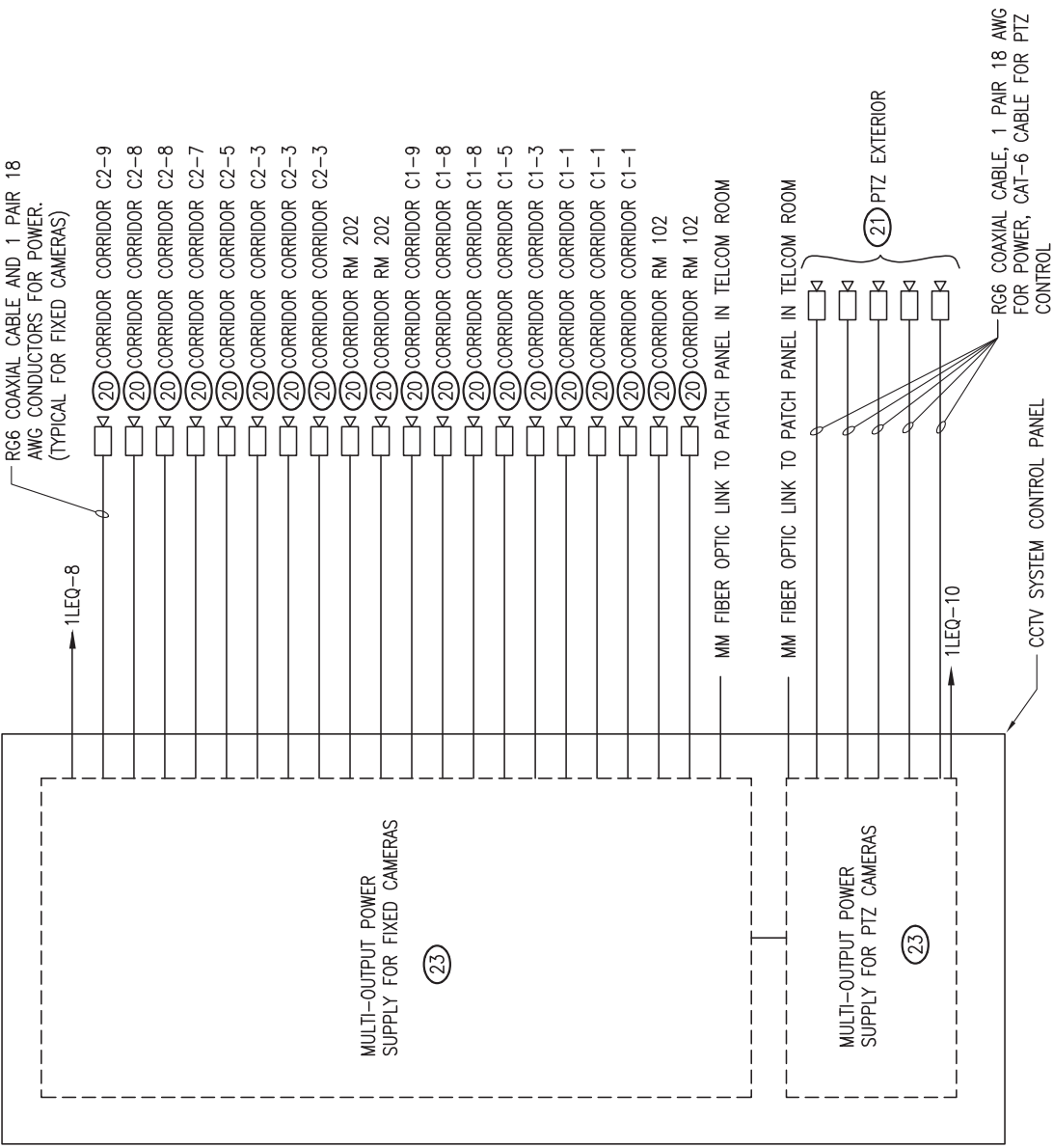
SEE SHEET ES101 FOR CONTINUATION.
29.

#6 BASE COPPER BONDING CONDUCTOR.



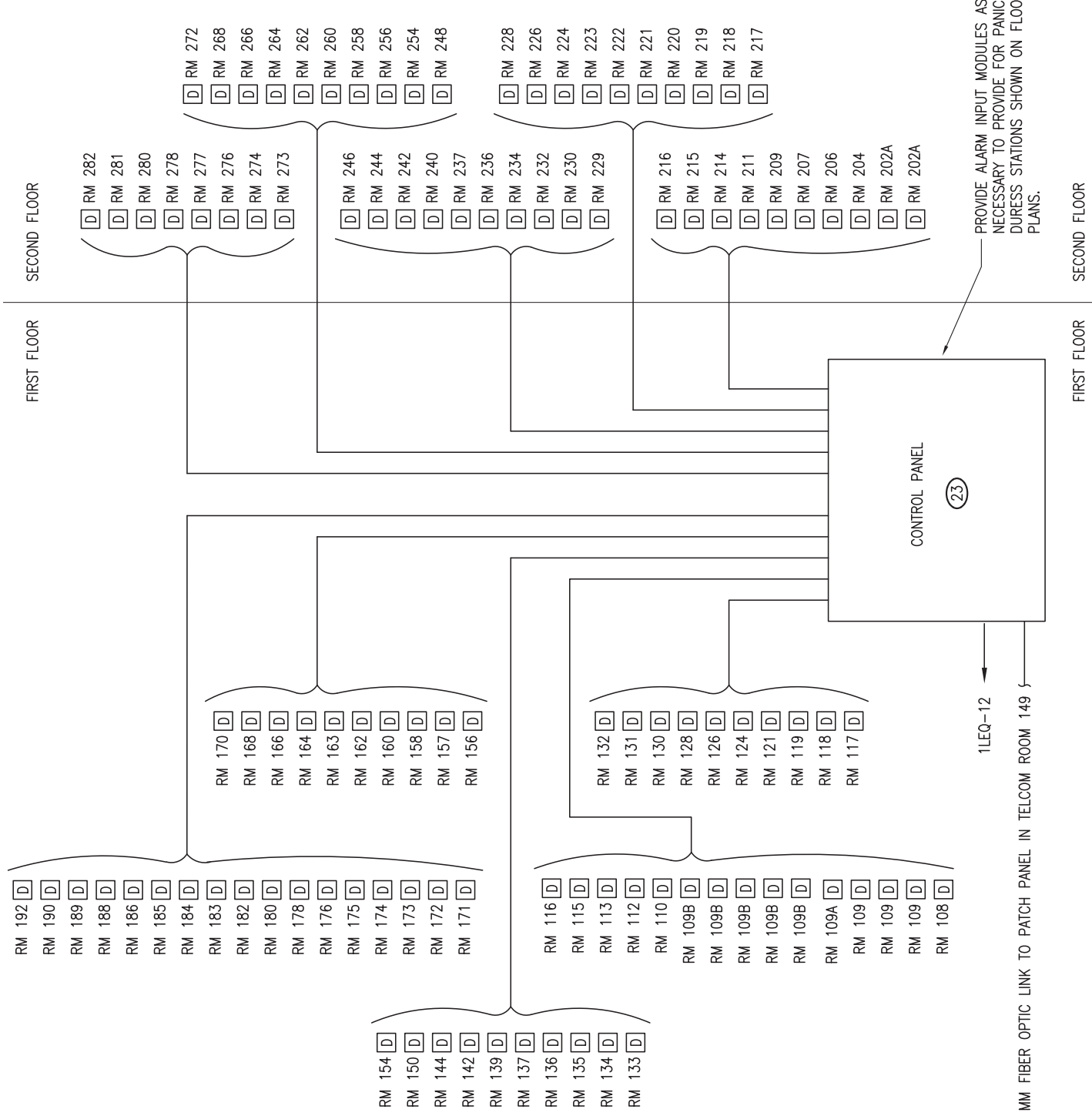
TELECOMMUNICATION RISER DIAGRAM

NO SCALE



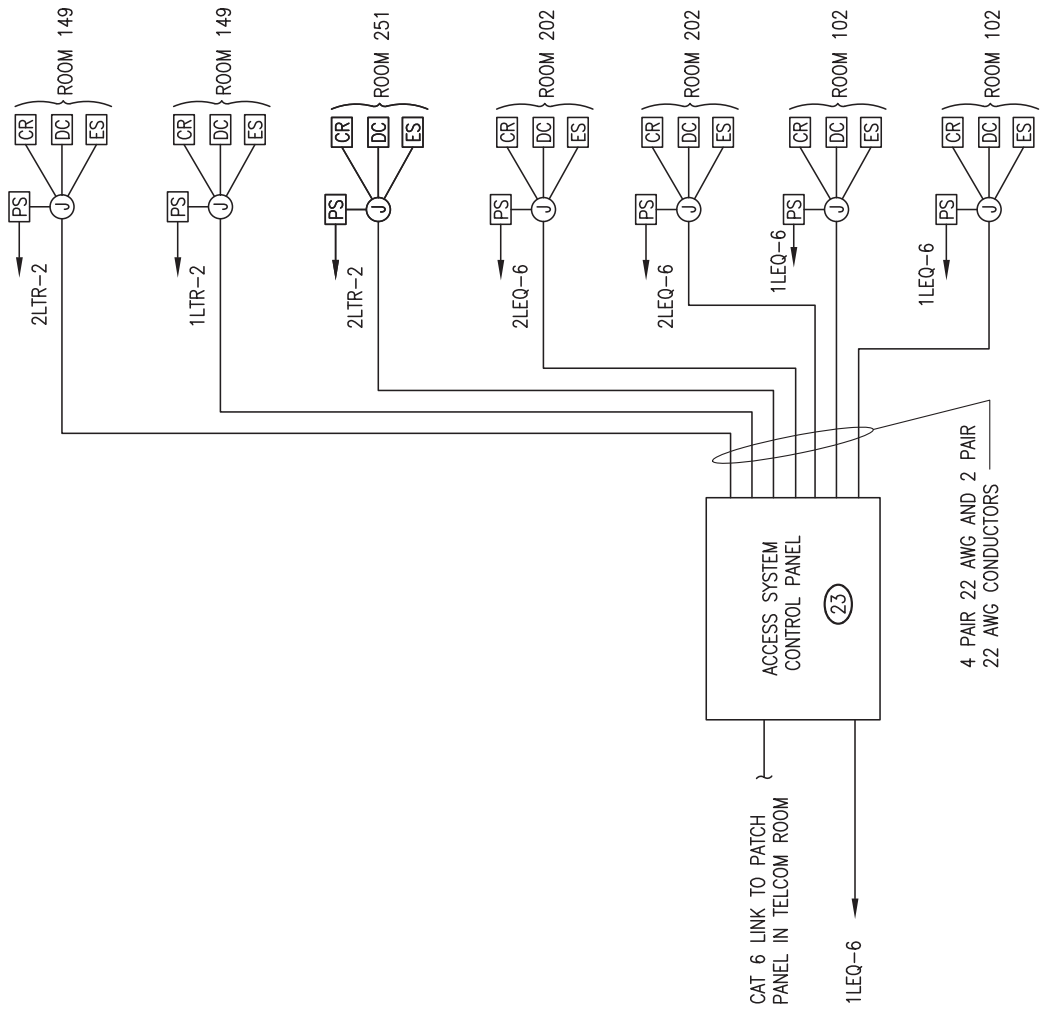
CCTV WIRING DIAGRAM

NO SCALE



PANIC/DURESS BUTTON INTERCONNECTION RISER DIAGRAM

NO SCALE



ACCESS CONTROL RISER DIAGRAM

NO SCALE

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RISER DIAGRAMS

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MENTAL HEALTH
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