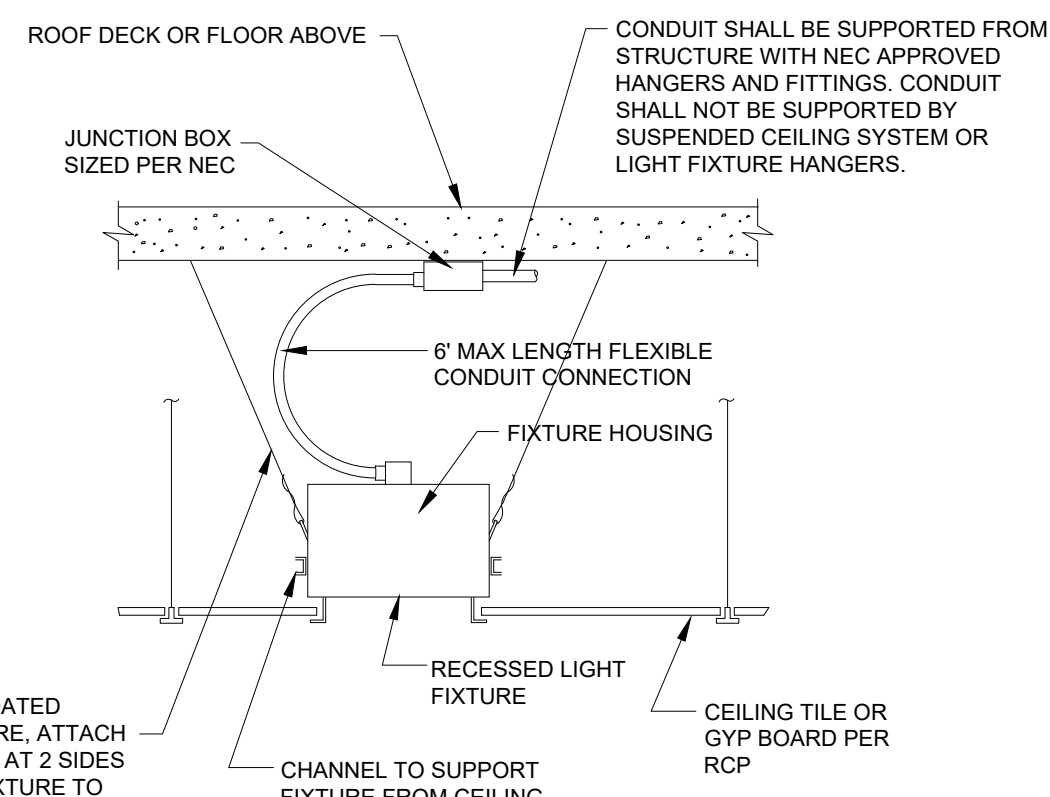


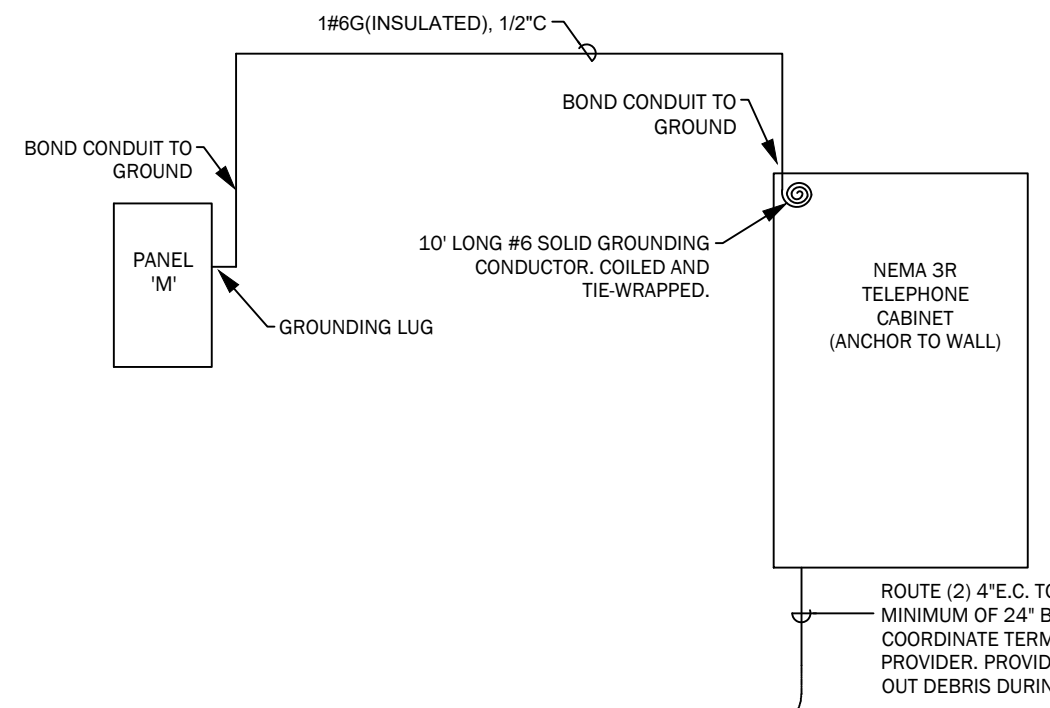
1 TYPICAL LAY-IN LUMINAIRE INSTALLATION DETAIL
NO SCALE

NOTES:
1. WHERE ROOF DECKING IS THE IS THE ALLOWABLE SUPPORT STRUCTURE, AND PATHWAY SYSTEM IS NOT IMC OR RMC, THE MINIMUM DISTANCE FROM ROOF DECKING SHALL BE 1.5' FOR ALL BOXES AND CONDUIT.

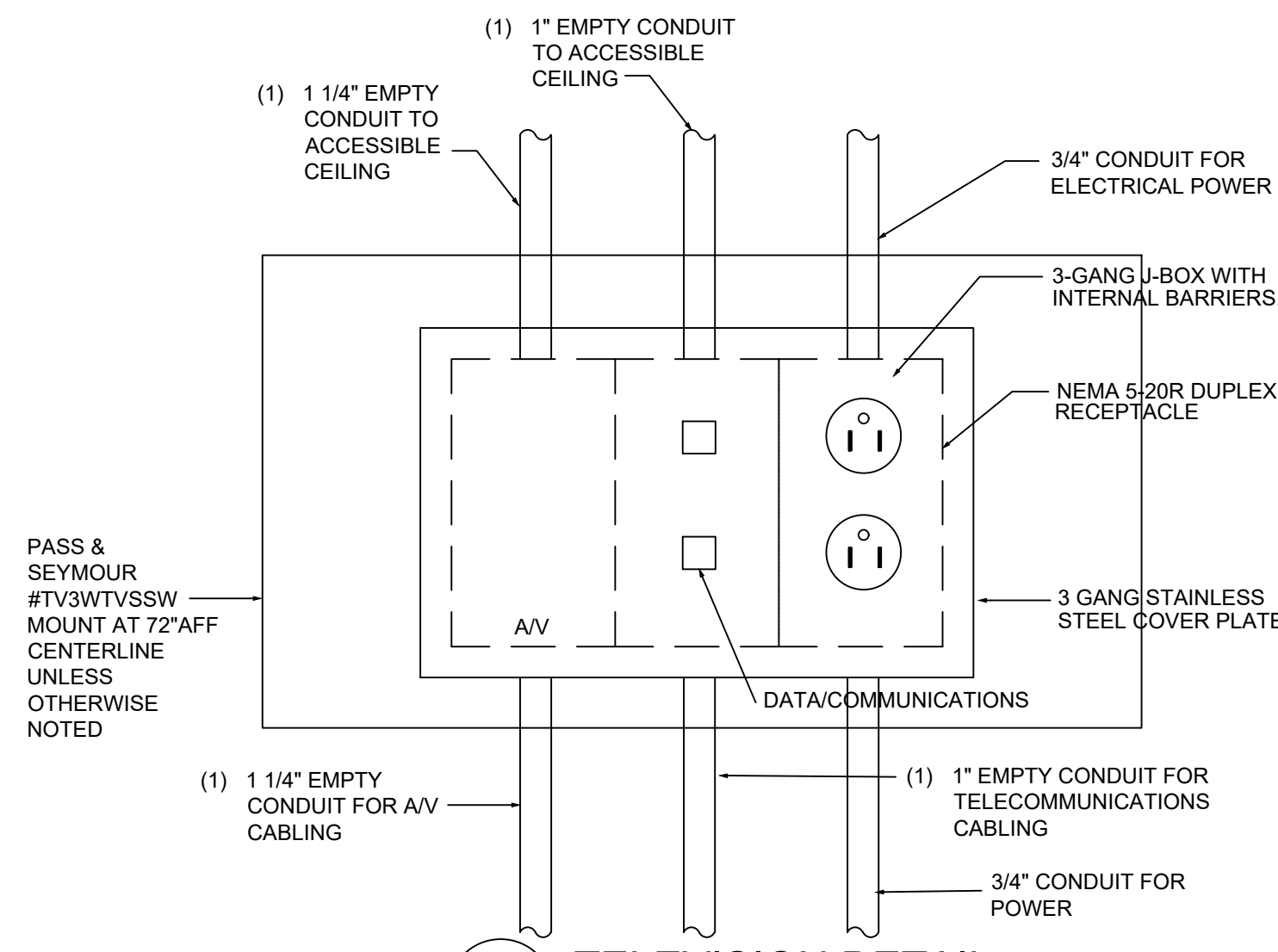


4 TYPICAL DOWNLIGHT INSTALLATION DETAIL
NO SCALE

NOTES:
1. WHERE ROOF DECKING IS THE IS THE ALLOWABLE SUPPORT STRUCTURE, AND PATHWAY SYSTEM IS NOT IMC OR RMC, THE MINIMUM DISTANCE FROM ROOF DECKING SHALL BE 1.5' FOR ALL BOXES AND CONDUIT.

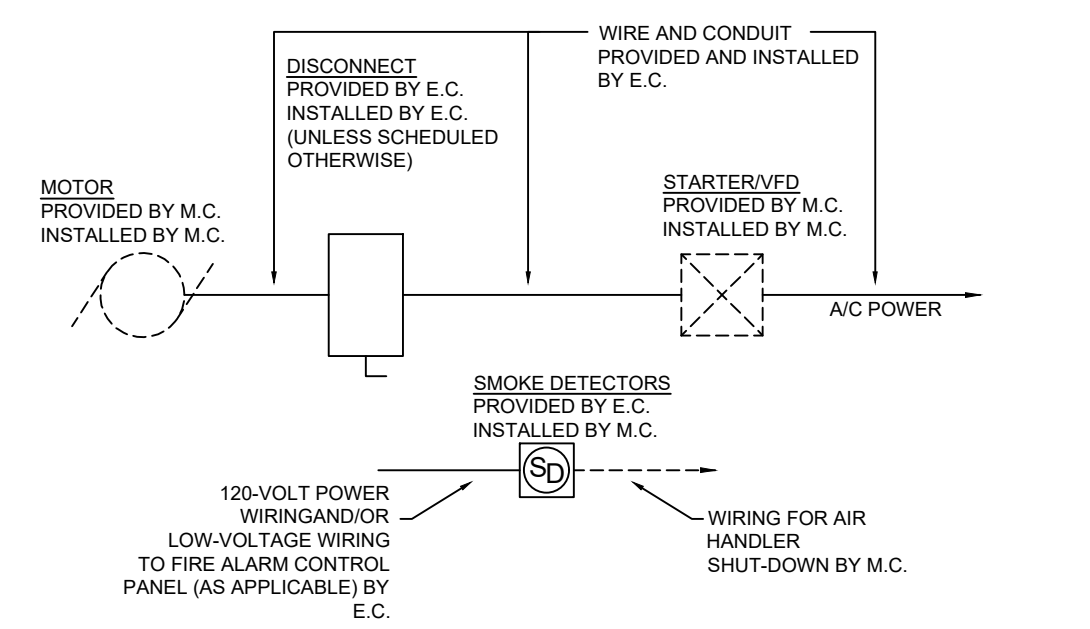


7 TELEPHONE RISER DIAGRAM
NO SCALE



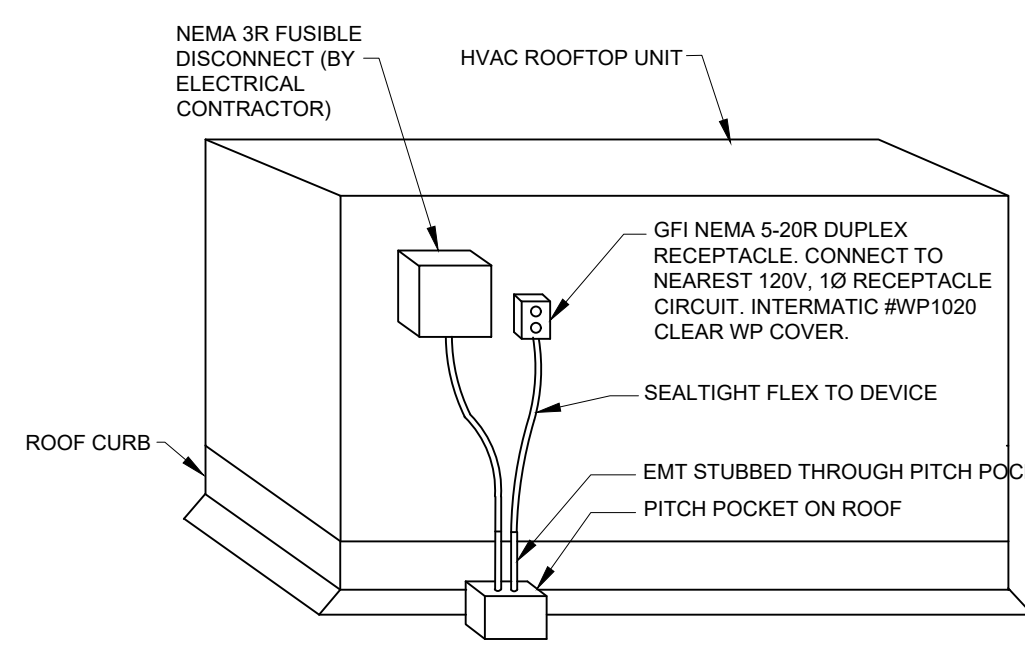
2 TELEVISION DETAIL
NO SCALE

NOTES:
1. FOR THE DINING ROOM TELEVISIONS, THESE DEVICES SHALL BE MOUNTED 24\"/>



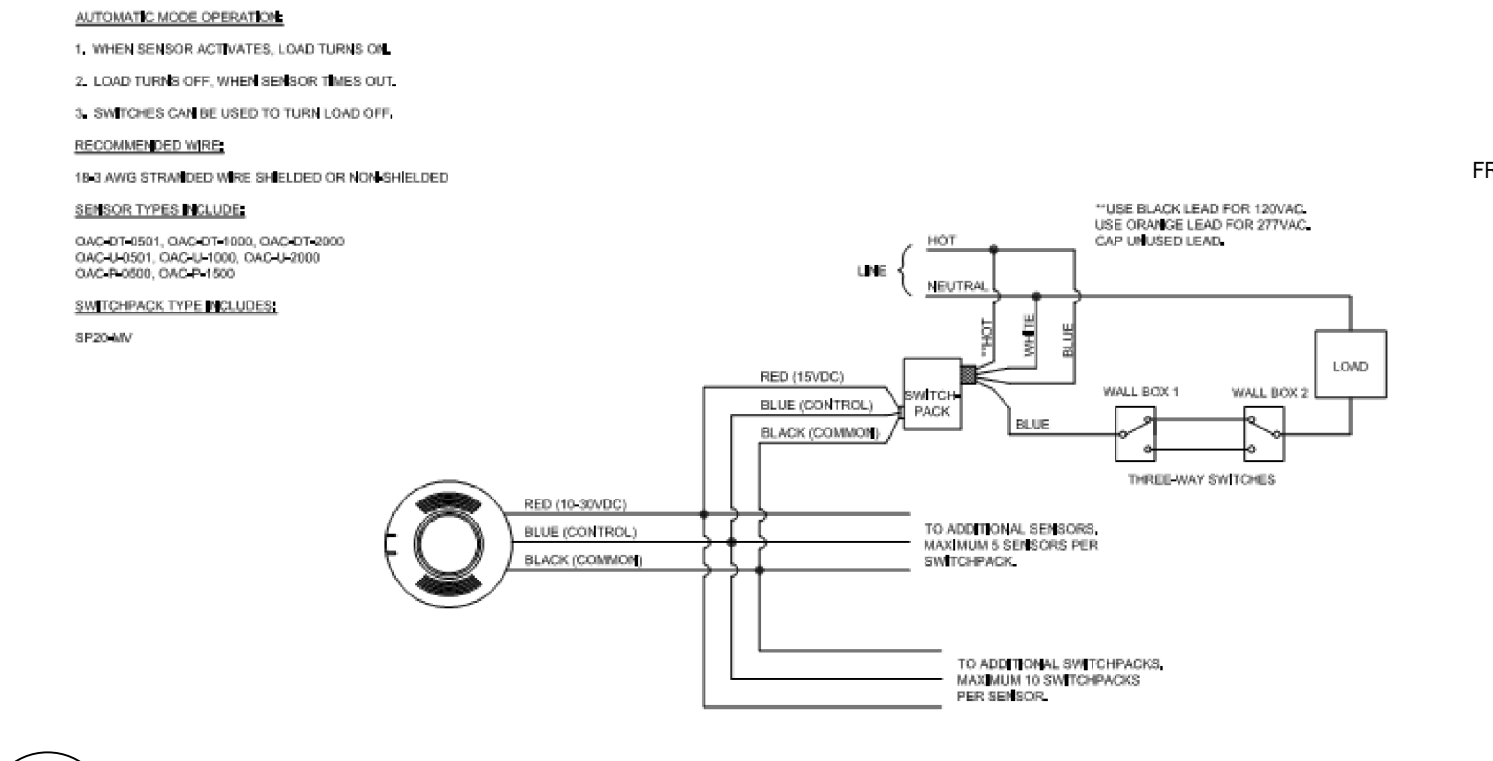
5 MECHANICAL / ELECTRICAL COORDINATION
NO SCALE

6 3-WAY SWITCHING W/ CEILING MOUNTED OCC SENSOR
NO SCALE



8 ROOFTOP RECEPTACLE DETAIL
NO SCALE

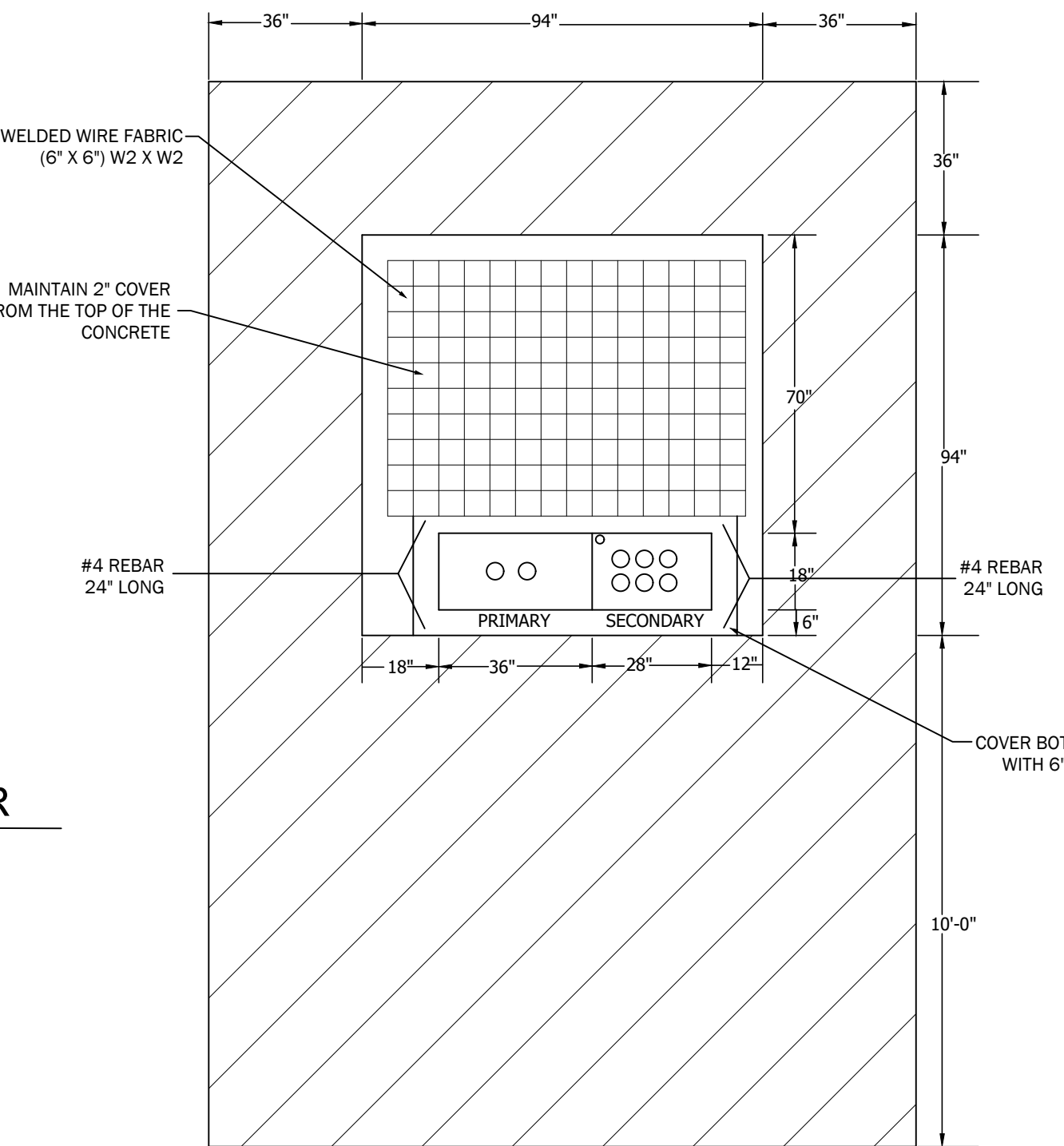
NOTE: TYPICAL FOR ALL ROOF MOUNTED HVAC EQUIPMENT.



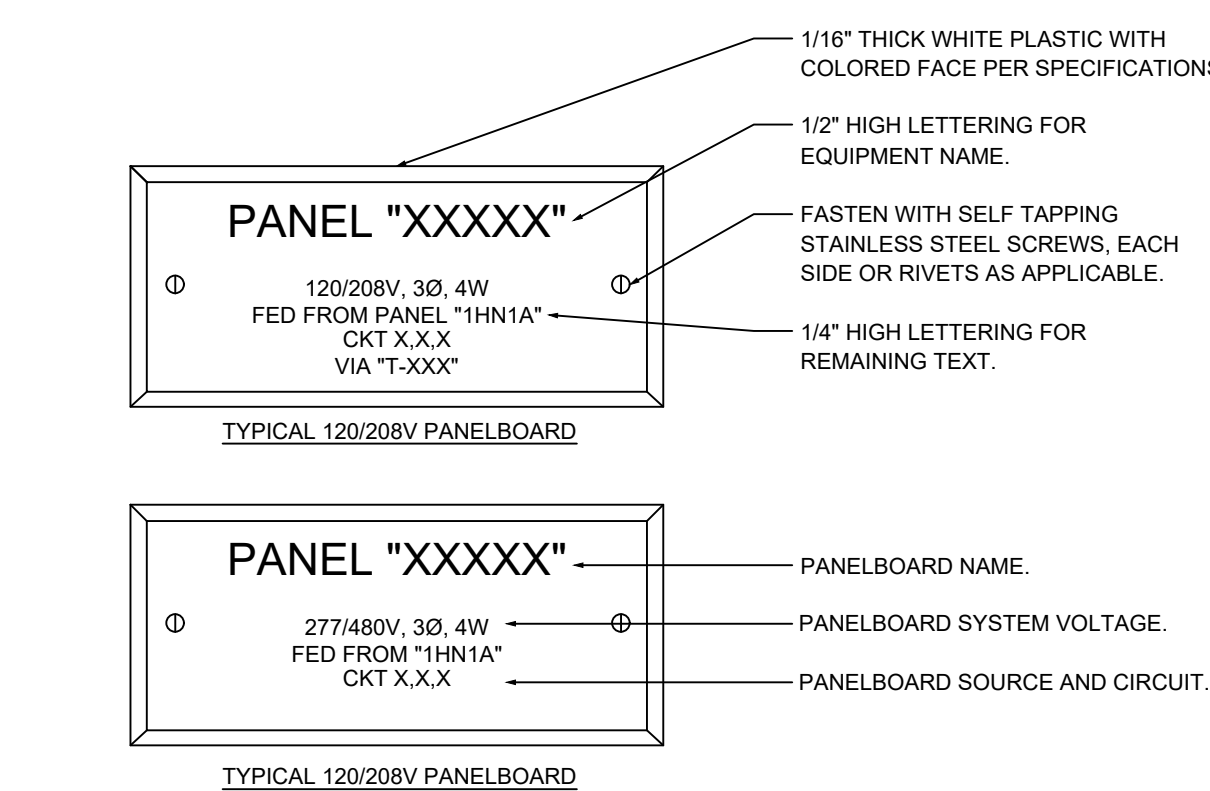
9 PAD MOUNTED UTILITY TRANSFORMER DETAIL
NO SCALE

PADMOUNT TRANSFORMER GENERAL NOTES:
(APPLIES TO THIS DETAIL ONLY)

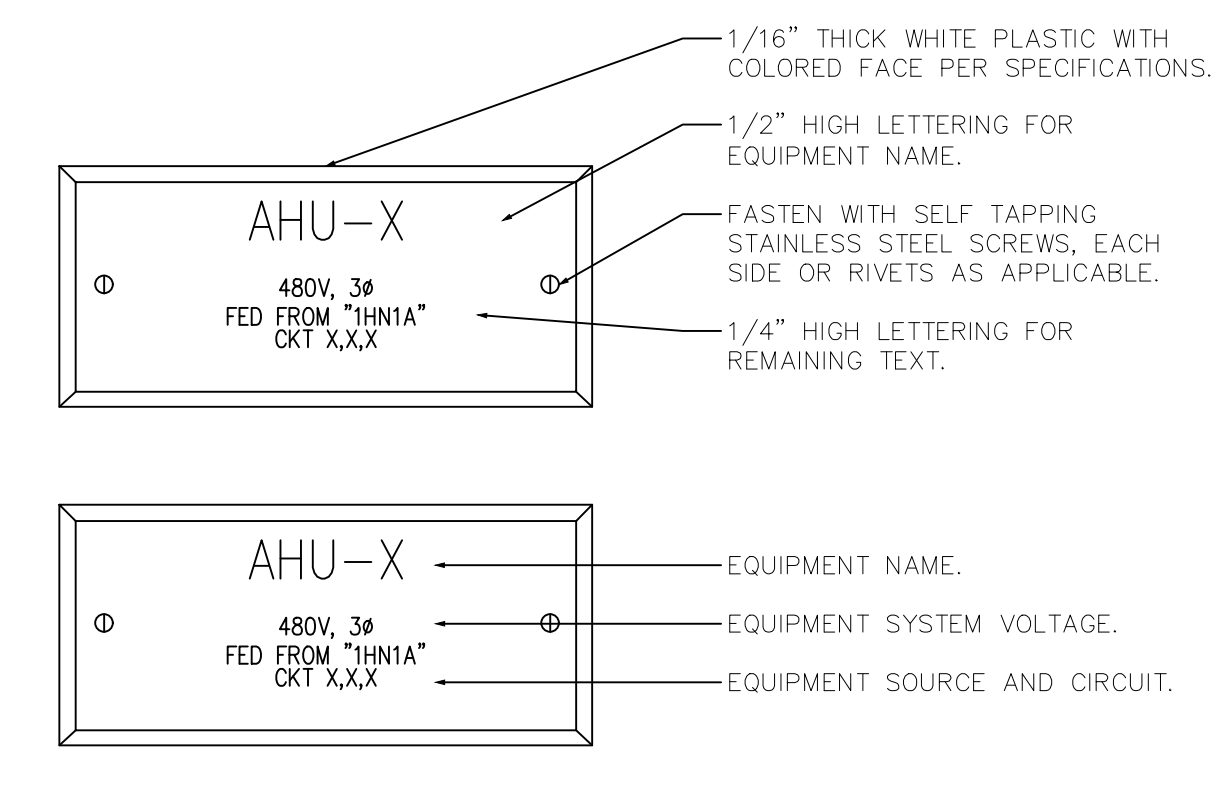
- PAD SHALL BE A MINIMUM OF 5.5" THICK.
- SHADED AREA ABOVE THE PAD INDICATES MINIMUM CLEARANCE FROM OBSTRUCTIONS. CLEARANCE STANDARD FOR MINIMUM DISTANCES FROM SIDES AND BACK OF CONCRETE WITH YORK ELECTRIC PRIOR TO ROUGH-IN. 10" MINIMUM FROM FRONT OF CONCRETE.
- THIS DETAIL INDICATES GENERAL REQUIREMENTS. CONTRACTOR SHALL OBTAIN SPECIFIC PAD SPECIFICATIONS FROM YORK ELECTRIC AND INSTALL PIT AND PAD AS DIRECTED.
- REFER TO POWER RISER DIAGRAM FOR ACTUAL QUANTITY OF SECONDARY CONDUITS TO BE ROUTED FROM THE SECONDARY OF THIS PAD.



3 TYPICAL NAMEPLATE DETAIL
NO SCALE



PANELBOARD NAMEPLATES



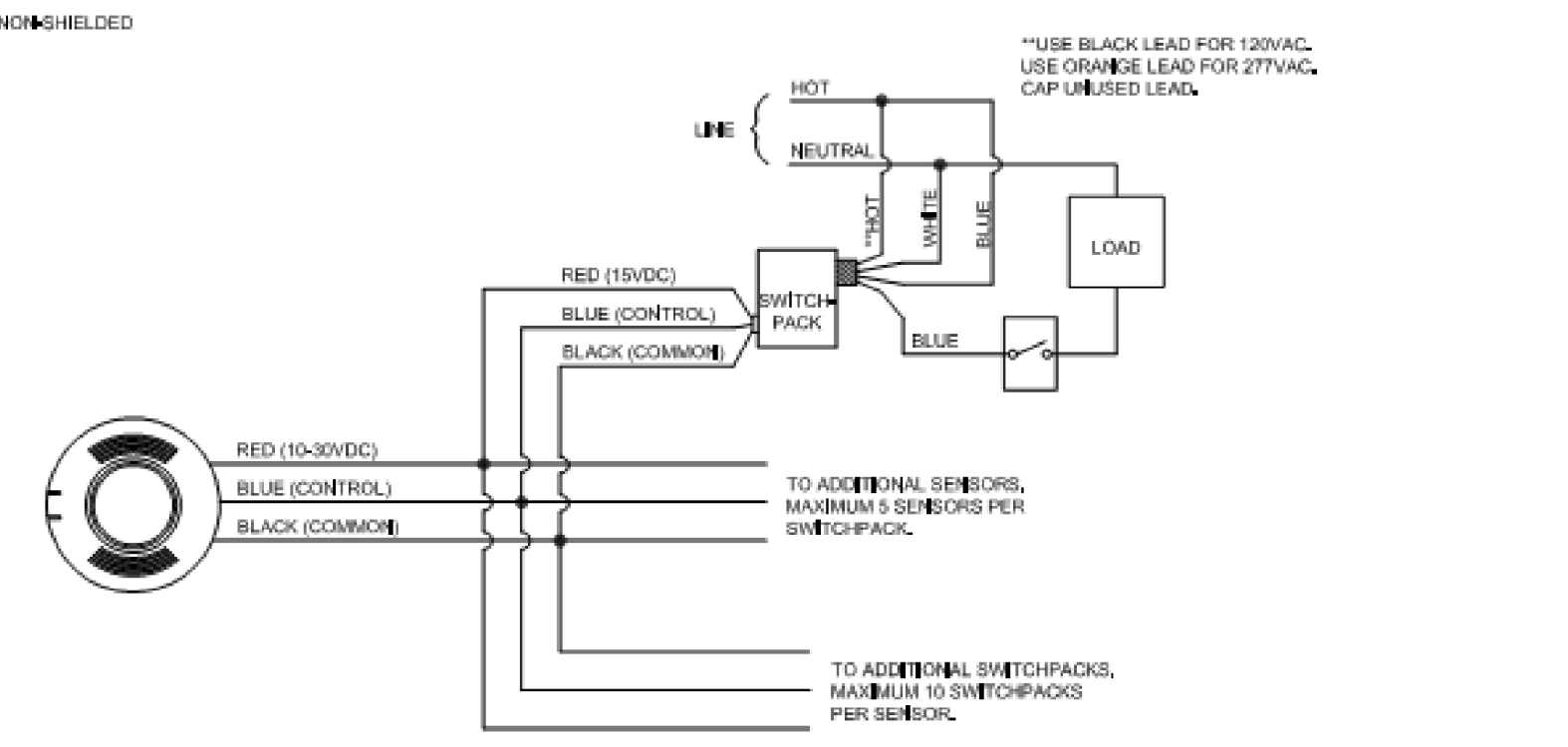
EQUIPMENT NAMEPLATES

AUTOMATIC MODE OPERATION
1. WHEN SENSOR ACTIVATES, LOAD TURNS ON.
2. LOAD TURNS OFF, WHEN SENSOR TRIPS OUT.
3. SWITCH CAN BE USED TO TURN LOAD OFF.

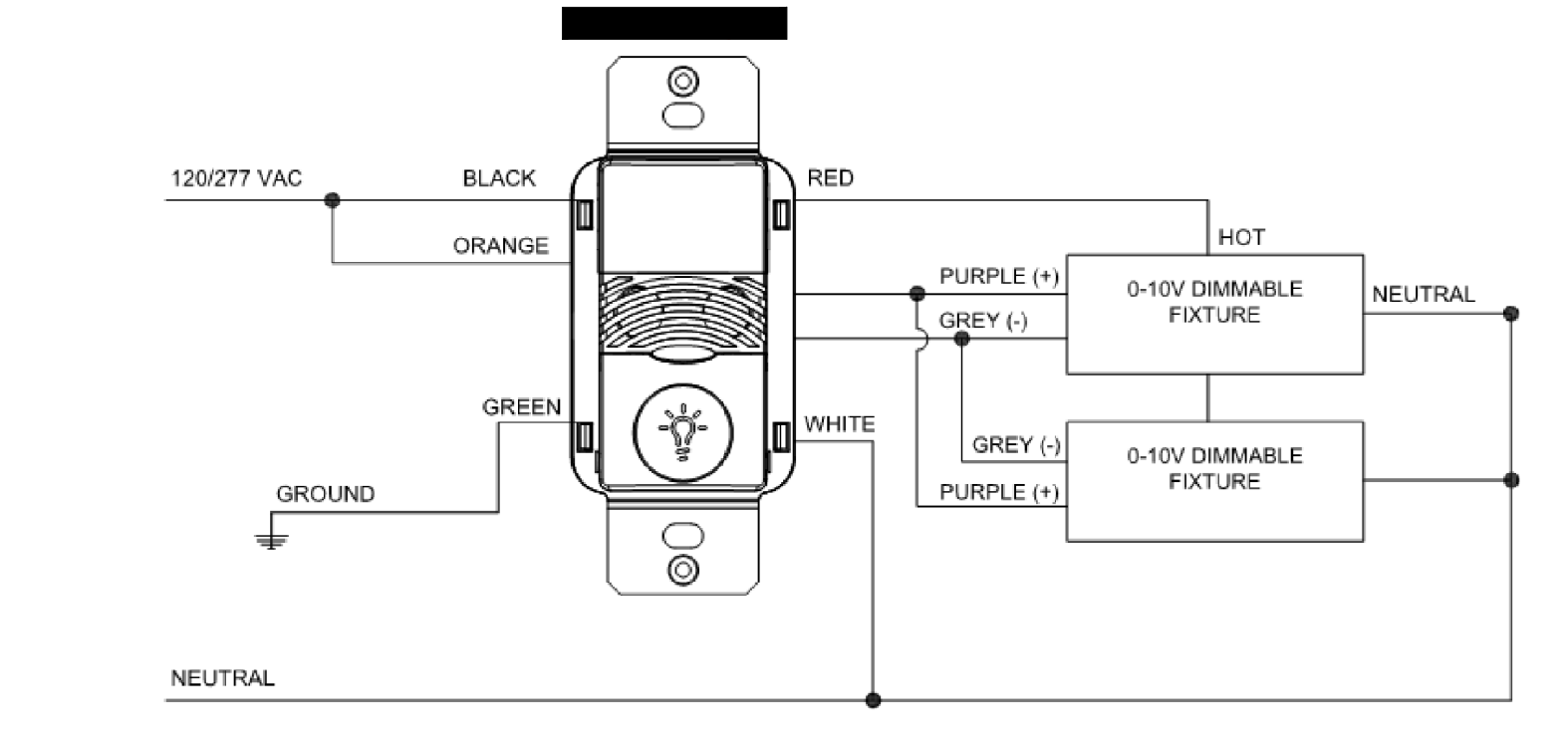
RECOMMENDED WIRING
1/0 AWG STRANDED WIRE IS HELDED OR NON-HELDED

SENSOR TYPES INCLUDE:
OAC-074591, OAC-074100, OAC-074200, OAC-04591, OAC-04100, OAC-04200, OAC-04500, OAC-04100

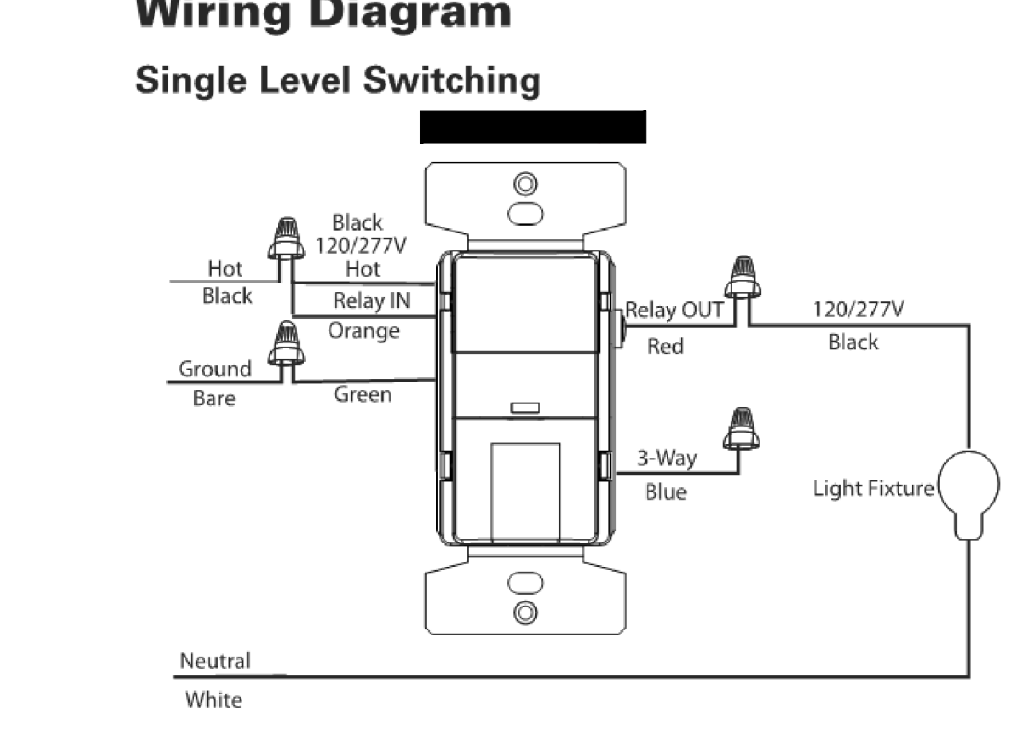
SWITCHPACK TYPE INCLUDES:
SP204V



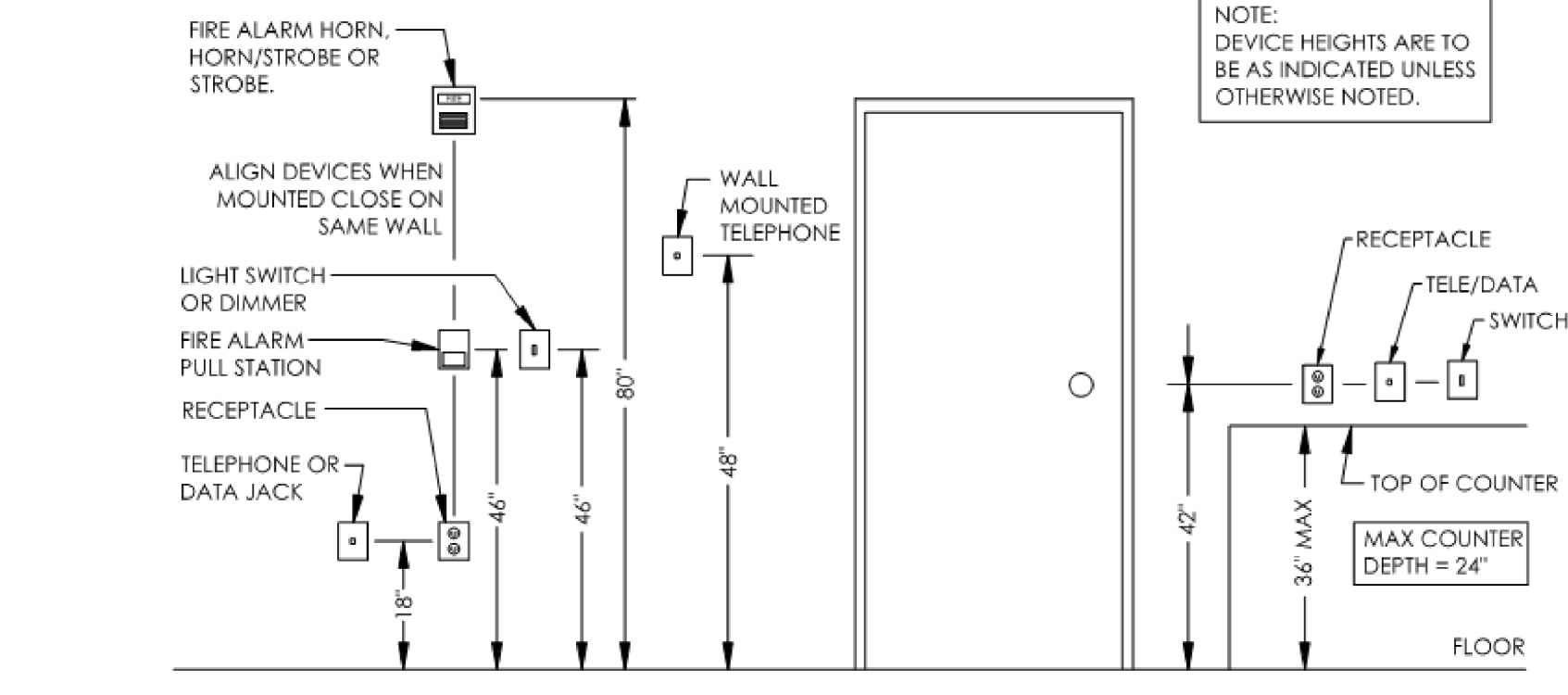
10 STANDARD SWITCHING WITH CEILING MOUNTED OCCUPANCY SENSOR DETAIL
NO SCALE



11 STANDARD OCCUPANCY SENSOR / WALL SWITCH DETAIL
NO SCALE



12 STANDARD SWITCHING DETAIL
NO SCALE



13 TYPICAL MOUNTING HEIGHTS
NO SCALE

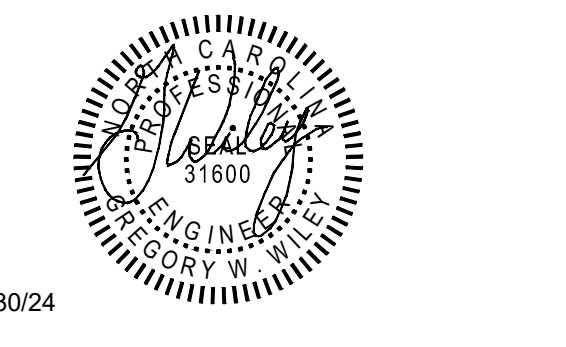
NOTES:
1. WALL MOUNTED FIRE ALARM NOTIFICATION DEVICES MUST BE MOUNTED NO LOWER THAN 80" AFF TO BOTTOM OF DEVICE AND NO HIGHER THAN 96" TO TOP OF THE DEVICE. CONTRACTOR SHALL MOUNT THESE DEVICES AT 88" TO THE MIDDLE OF THE DEVICE UNLESS FIELD CONDITIONS DO NOT ALLOW TO MOUNT AT THIS HEIGHT. IF THE DEVICE CAN NOT BE LOCATED BETWEEN 80" AND 96", CONTACT ENGINEER IMMEDIATELY FOR SOLUTION.
2. MOUNT CENTER LINE OF EXIT SIGN 24" ABOVE DOOR WHERE CEILING IS OVER 12'-0" AFF OR TO STRUCTURE WHERE NO CEILING IS PRESENT. IF CEILING IS 12'-0" AFF OR UNDER, CONTRACTOR SHALL MOUNT CENTER LINE OF EXIT SIGN 12" BELOW CEILING.

Scale
NA

E00.03



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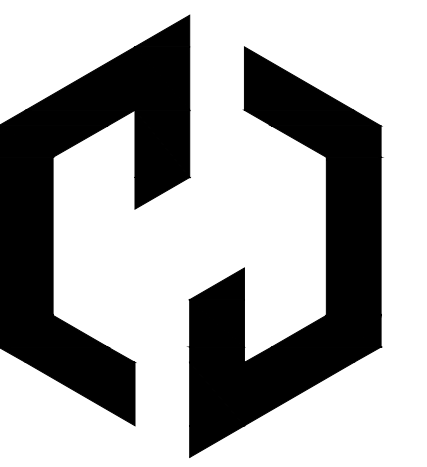
Date	Description
12/15/2023	DESIGN DEVELOPMENT DWGS.
12/22/2023	DESIGN DEVELOPMENT DWGS.
01/24/2024	REVIEW DWGS.
01/30/2024	ISSUED FOR CONSTRUCTION.

community church
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658 GRAHAM ROAD
SANFORD NC 27311

Client
3D COMMUNITY CHURCH
Project Number
23024.00
Description
DETAILS - ELECTRICAL

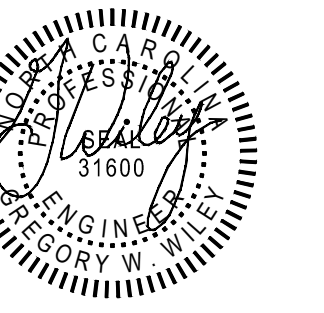
Scale
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E00.03



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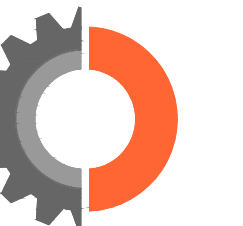
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01/30/24

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3D COMMUNITY CHURCH

Project Number

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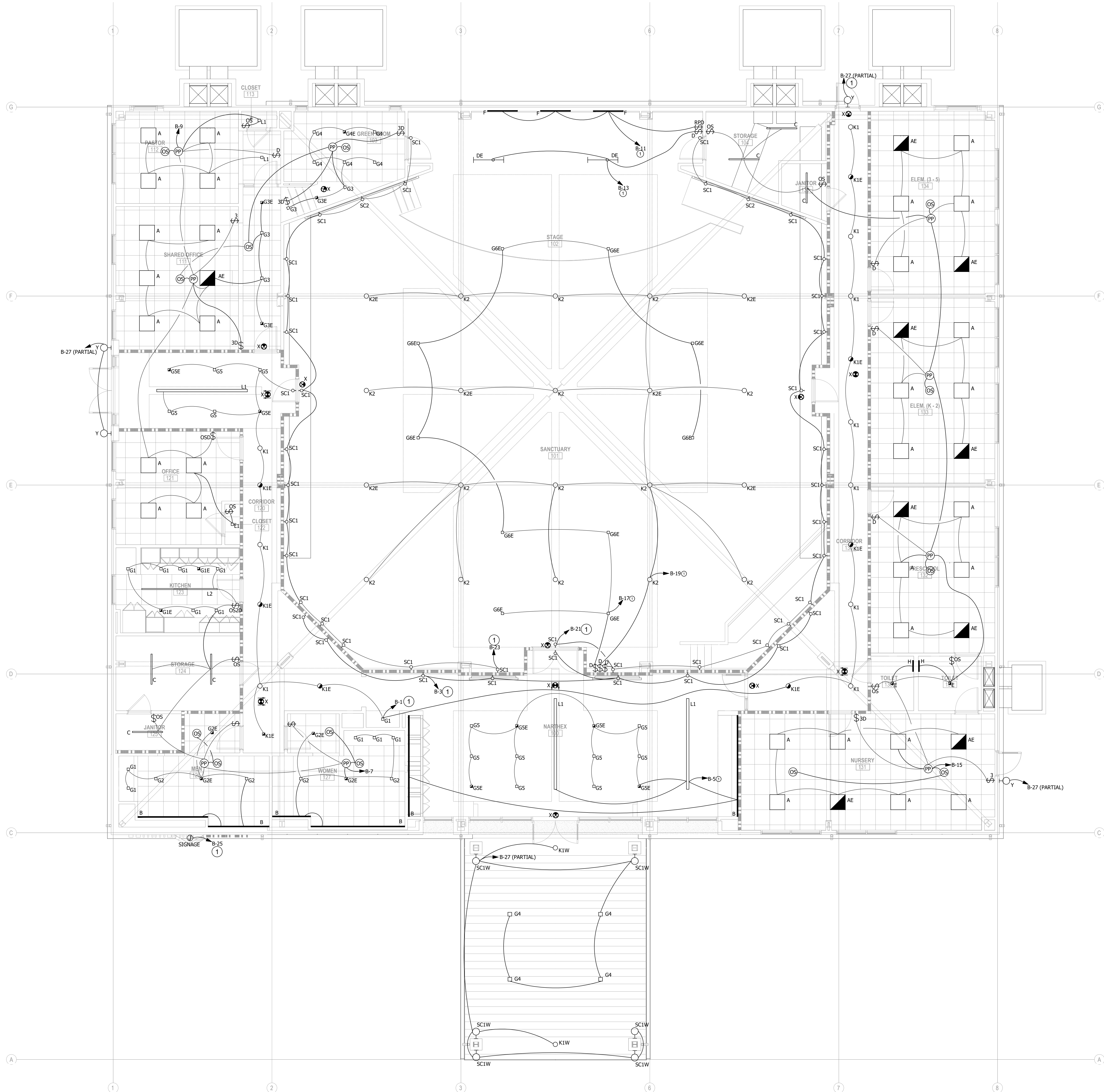
Description

FLOOR PLAN - LIGHTING

Scale

SEE PLANS

E01.01



GENERAL LIGHTING NOTES:
(APPLIES TO THIS DRAWING ONLY)

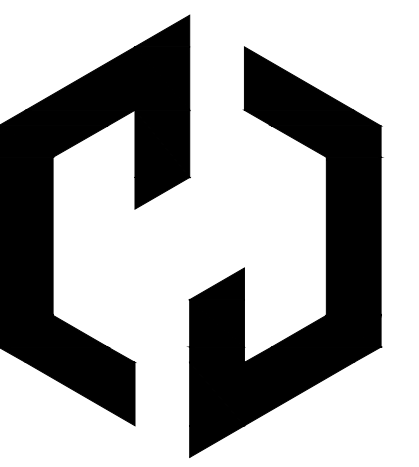
- CONNECT ALL TYPE "W", "X", "Y" AND "Z" LIGHTS TO NEAREST INTERIOR LIGHTING CIRCUIT AHEAD OF LOCAL SWITCHING.
- COORDINATE EXACT LOCATION OF ALL DEVICES WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.

KEYED NOTES:
(APPLIES TO THIS DRAWING ONLY)

- ROUTE CIRCUIT THROUGH TIMECLOCK.

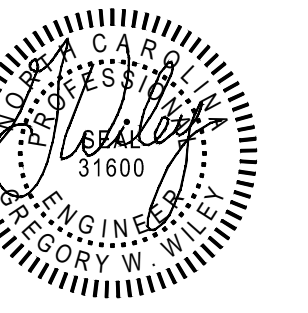
1 FLOOR PLAN - LIGHTING
E01.01 SCALE: 3/16" = 1'-0"

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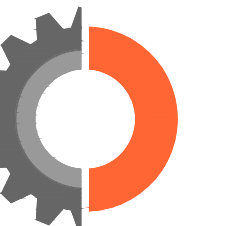
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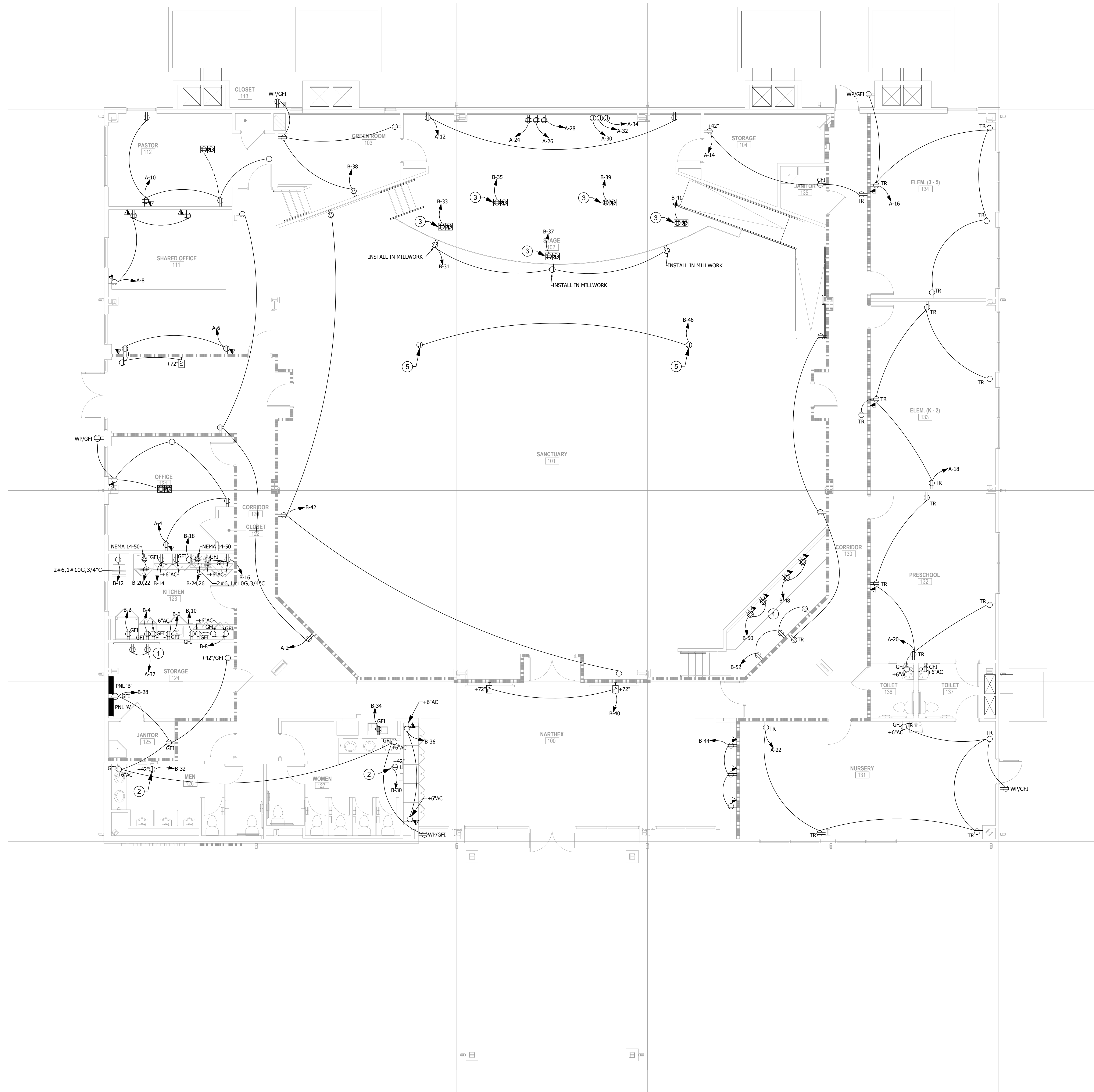
FLOOR PLAN - POWER

Scale

SEE PLANS

E02.01

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GENERAL NOTES:

(APPLIES TO 1/THIS DRAWING ONLY)

- COORDINATE LOCATION AND MOUNTING HEIGHT OF ALL DEVICES WITH ARCHITECT PRIOR TO ROUGH IN.

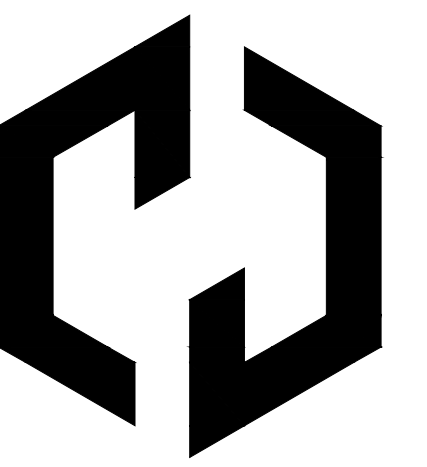
KEYED NOTES:

(APPLIES TO 1/THIS DRAWING ONLY)

- PROVIDE AND INSTALL 4" W X 2" H PLYWOOD BACKBOARD FOR DATA/COMMUNICATIONS. ROUTE (1) 2" CONDUIT TO LOCATION OF TELECOM SERVICE ENTRANCE. COORDINATE EXACT LOCATION AND ROUTING IN FIELD PRIOR TO ROUGH IN.
- PROVIDE AND INSTALL JUNCTION BOX FOR CONNECTION TO HAND DRYER. COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH IN.
- INSTALL POKE-THRU DEVICE WITH QUADRAPLEX RECEPTACLE AND DATA/COMMUNICATIONS JACK IN THE STAGE FLOOR.
- DEVICES LOCATED IN THE SOUTH BOOTH SHALL BE INSTALLED 18" ABOVE RAISED FLOOR.
- PROVIDE JUNCTION BOX FOR PROJECTOR. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECT.

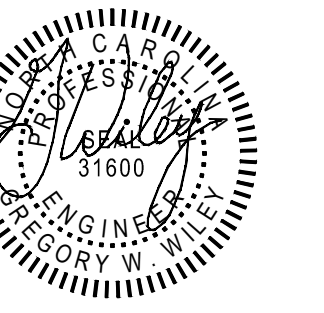
1 FLOOR PLAN - POWER
SCALE: 3/16" = 1'-0"

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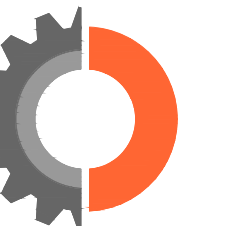
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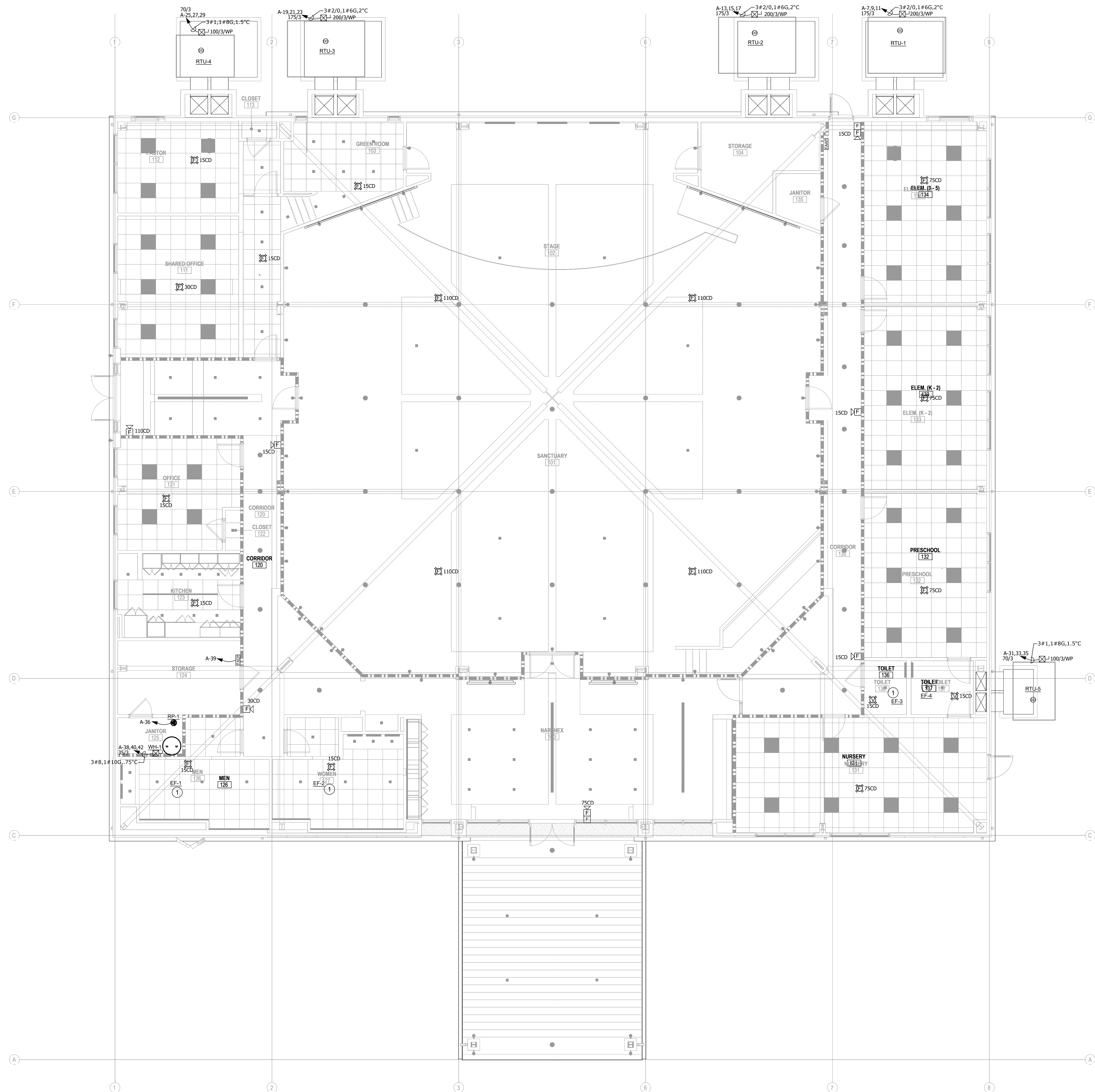
Description

FLOOR PLAN - SYSTEMS

Scale

SEE PLANS

E03.01



GENERAL NOTES:
(APPLIES TO THIS DRAWING ONLY)

- COORDINATE LOCATION AND MOUNTING HEIGHT OF ALL DEVICES WITH ARCHITECT PRIOR TO ROUGH IN.

KEYED NOTES:
(APPLIES TO THIS DRAWING ONLY)

- INTERLOCK EXHAUST FAN WITH LIGHTS IN THIS ROOM. EXHAUST FAN SHALL BE CONTROLLED FROM OCCUPANCY SENSOR THAT SERVES THE LIGHTS IN THIS ROOM.

FLOOR PLAN - SYSTEMS
SCALE: 3/16" = 1'-0"