

SYMBOLS LEGEND table with columns for SYMBOL and DESCRIPTION. Includes sections for REFERENCE AND LINE SYMBOLS, WIRING METHODS, LIGHTING, and WIRING DEVICES.

SYMBOLS LEGEND table with columns for SYMBOL and DESCRIPTION. Includes sections for WIRING DEVICES, ELECTRICAL POWER AND DISTRIBUTION, FIRE ALARM, and LIGHTING CONTROL.

SYMBOLS LEGEND table with columns for SYMBOL and DESCRIPTION. Includes sections for ELECTRICAL POWER AND DISTRIBUTION, FIRE ALARM, and NURSE CALL.

SYMBOLS LEGEND table with columns for SYMBOL and DESCRIPTION. Includes sections for CCTV, PTZ, SECURITY, TV DISTRIBUTION, and NURSE CALL.

ELECTRICAL SHEET INDEX table with columns for SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES. Lists various sheets and their descriptions.

ABBREVIATIONS table with columns for SYMBOL and DESCRIPTION. Includes sections for DEFINITIONS and a list of electrical symbols and their meanings.

GENERAL ELECTRICAL NOTES table with columns for CLARIFICATION METHODS and a list of notes regarding bidding, installation, and equipment.

JRCA ARCHITECTS logo and contact information. Includes address (577 South 200 East, Salt Lake City, UT 84111), phone number (801) 533-2100, website (GalawayUS.com), and Spectrum Engineers logo.

CABLE/OUTLET COLOR SCHEDULE	
COLOR	TYPE
BLUE	ANALOG PHONE
BLUE	DATA
BLUE	IP SECURITY CAMERAS
ORANGE	CLINICAL ENGINEERING / NURSE CALL
YELLOW	WIRELESS
GREEN	VENDOR NETWORK

COPPER PATCH CORD SCHEDULE (CATEGORY 6A F/UTP CABLES W/RJ-45 CONNECTORS)			
LENGTH (FEET)	COLOR	QUANTITY	UNIT COST (EACH)
5'	BLUE	20% OF TOTAL PORTS IN TDRS	
7'	BLUE	60% OF TOTAL PORTS IN TDRS	
10'	BLUE	20% OF TOTAL PORTS IN TDRS	

COPPER PATCH CORD SCHEDULE (CATEGORY 5E CABLES W/RJ-45 CONNECTORS)			
LENGTH (FEET)	COLOR	QUANTITY	UNIT COST (EACH)
5'	ORANGE	20% OF TOTAL PORTS IN TDRS	
7'	ORANGE	60% OF TOTAL PORTS IN TDRS	
10'	ORANGE	20% OF TOTAL PORTS IN TDRS	

FIBER PATCH CORD SCHEDULE (SINGLE-MODE W/LC CONNECTORS)			
LENGTH (METER)	COLOR	QUANTITY	UNIT COST (EACH)
3	YELLOW	4	-
5	YELLOW	4	-

WIRELESS PATCH CORD PATCH CORD SCHEDULE (CATEGORY 6A F/UTP W RJ/45 CONNECTORS)			
LENGTH (METER)	COLOR	QUANTITY	UNIT COST (EACH)
7'	YELLOW	100% OF TOTAL PORTS IN TDRS	

CLINICAL ENGINEERING PATCH CORD SCHEDULE (CATEGORY 6A F/UTP W RJ/45 CONNECTORS)			
LENGTH (METER)	COLOR	QUANTITY	UNIT COST (EACH)
5'	ORANGE	70% OF TOTAL PORTS IN TDRS	
7'	ORANGE	30% OF TOTAL PORTS IN TDRS	

### EQUIPMENT/CABLE LIST

THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE CABLING INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS SPECIFIED OTHERWISE. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS WHICH MAY NOT BE LISTED HERE. FOR A COMPLETE INSTALLATION, COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SYMBOL	ITEM DESCRIPTION	ACCEPTABLE TYPES
	STATION CABLE, DATA - CATEGORY 6A F/UTP RISER, DATA, BLUE	SIEMON 96R4-AS-06-R1A
	STATION CABLE, DATA - CATEGORY 6A F/UTP RISER, CLINICAL ENGINEERING/ MONITORING, ORANGE	SIEMON 96R4-AS-02-R1A
	STATION CABLE, DATA - CATEGORY 6A F/UTP RISER, WIRELESS, YELLOW	SIEMON 96R4-AS-05-R1A
	STATION CABLE, DATA - CATEGORY 6A F/UTP RISER, SECURITY, BLUE	SIEMON 96R4-AS-06-R1A
	FORESSEER CABLE, 2 PAIR	BELDEN 88723
	50 PAIR 24 AWG OSP CABLE	GENERAL 7525793
BET	OSP PROTECTION CIRCA 50 PAIR PROTECTOR	CIRCA 180EEN1/NSC50
	OSP PROTECTOR MODULES CIRCA 300V	CIRCA 4B1S-300
	FIBER OPTIC CABLE, SINGLE-MODE, 24 STRAND, INDOOR/OUTDOOR, BLACK	SIEMON 93D8P24L-E201A
	VOICE OUTLET, SINGLE GANG FACEPLATE, WHITE W/ WALL HUNG PHONE MOUNTING STUDS, ONE POSITION W/ CATEGORY 6A INSERT	SIEMON MX-WP-28AS-S5
M	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION ("C" = CEILING, "M" = MONITORING)	SIEMON 10GMX-FPS04-02
C-M	CATEGORY 6A JACK - CLINICAL ENGINEERING/ MONITORING, ORANGE	SIEMON 28A-S09
	BLANK INSERT, WHITE	SIEMON MX-BL-02
M	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION (M = MONITORING)	SIEMON 10GMX-FPS04-02
	CATEGORY 6A JACK - CLINICAL ENGINEERING/ MONITORING, ORANGE	SIEMON 28A-S09
	BLANK INSERT, WHITE	SIEMON MX-BL-02
ALERT	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON 28A-S06
	BLANK INSERT, WHITE	SIEMON MX-BL-02
A	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION ("A" = ABOVE COUNTER)	SIEMON 10GMX-FPS04-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON 28A-S06
	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON 28A-S06
	BLANK INSERT, WHITE	SIEMON MX-BL-02
C	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 2 POSITION ("C" = CEILING)	SIEMON MX-SM22-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON 28A-S06
	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 2 POSITION ("C" = CEILING)	SIEMON MX-SM22-02
	CATEGORY 6A JACK - WIRELESS, YELLOW	SIEMON 28A-S05
	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 1 POSITION	SIEMON MX-SM21-02
	CATEGORY 6A JACK - SECURITY, BLUE	SIEMON 28A-S06
SPP1	48 PORT, 1RU ANGLE PATCH PANEL WITH OUTLETS	SIEMON 26AS-PA-48
RP1	48 PORT, 2RU ANGLE PATCH PANEL, 110 STYLE	SIEMON HD5-48A
CEPP1	48 PORT, 1RU ANGLE PATCH PANEL WITH OUTLETS	SIEMON 26AS-PA-48
	FIBER PATCH PANEL, 3RU	SIEMON RIC3-48E-01
FP1	FIBER SPLICE CASSETTE, 12 FIBER, LC CONNECTOR	SIEMON RSC12-LCUSMA1
	BLANK ADAPTER PLATE, BLACK	SIEMON RIC-F-BLKN-01
HWM	HORIZONTAL WIRE MANAGERS, 4RU	PANDUIT NCM-HAEF4
VWM	VERTICAL WIRE MANAGERS, DOUBLE SIDED, BLACK, 10" WIDE x 8'-0" HIGH	CHATSWORTH 40096-715
	EQUIPMENT RACK 19" WIDE x 8'-0" HIGH, 52RU, BLACK	CHATSWORTH 55053-715
	CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES	CHATSWORTH 10250-724
	CABLE RUNWAY - 18", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES	CHATSWORTH 10250-718
	BUTT SPLICE KIT, BLACK	CHATSWORTH 11301-701
	JUNCTION SPLICE KIT, BLACK	CHATSWORTH 11302-701
	FOOT KIT, BLACK	CHATSWORTH 11309-701
	6" CHANNEL RACK TO RUNWAY, BLACK	CHATSWORTH 12409-724
	TRIANGLE BRACKETS, BLACK	CHATSWORTH 11748-724
	END CLOSING KIT, CABLE RUNWAY, BLACK	CHATSWORTH 11700-724
	WALL ANGLE SUPPORT KIT, CABLE RUNWAY, BLACK	CHATSWORTH 11421-724
	CABLE RUNWAY ELEVATION KIT, 6"	CHATSWORTH 10506-706
	CABLE RUNWAY RADIUS DROP	CHATSWORTH 12100-712
	PLYWOOD BACKBOARD, 4' X 8', GRADE AC, FIRE TREATED & PAINTED	
	TELECOMMUNICATIONS MAIN GROUNDING BUS BAR	
	TELECOMMUNICATIONS GROUNDING BUS BAR	
J-J-J	TRIPLE TREE J-HOOKS	

NOTE: ALL RACKS, LADDER, PATCH PANELS AND ACCESSORIES SHALL BE BLACK IN COLOR.

### GENERAL PROJECT NOTES

- UNLESS OTHERWISE NOTED, INSTALL ALL CABLE INSIDE RACEWAY SYSTEMS. WHERE RACEWAY SYSTEMS HAVE NOT BEEN PROVIDED OR SPECIFIED, INSTALL CABLE THROUGH THE SPECIFIED "CADDY" CLIPS AT THE MINIMUM INTERVALS IDENTIFIED IN THE SPECIFICATIONS. SUPPORT "CADDY" CLIPS DIRECTLY FROM THE BUILDING STRUCTURE, NOT FROM OTHER BUILDING SYSTEM SUPPORT WIRES OR CABLE.
- PROVIDE PLENUM RATED CABLE FOR ALL PLENUM SPACES. VERIFY THAT ANY PATHWAYS INSTALLED IN "WET" OR "DAMP" LOCATIONS AS DETERMINED BY THE A/E, SUCH AS PATHWAYS UNDER THE SLAB, ARE SUITABLE FOR THOSE LOCATIONS, AND THAT THE SPECIFIED CABLING SYSTEMS ARE ALSO SUITABLE FOR THOSE LOCATIONS.
- LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH, ACCORDING TO WRITTEN SPECIFICATIONS.
- THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF THE ACTUAL LABELING, WHICH IS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES, BUT IS NOT LIMITED TO, ALL CABLE LABELING, AND ALL EQUIPMENT LABELING.
- GROUND ALL EQUIPMENT RACKS, LADDER RACK, AND EQUIPMENT INSTALLED UNDER THIS CONTRACT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS AND WRITTEN SPECIFICATIONS.
- COORDINATE WITH OWNER I.T. PERSONNEL ON RACK PATCH PANEL DENSITY PRIOR TO ANY CABLE TERMINATION.
- FACEPLATE COLOR WILL BE DETERMINED BY THE ARCHITECT AND OWNER. FACEPLATE COLOR SHOULD MATCH ELECTRICAL FACEPLATE COLOR, UNLESS OTHERWISE SPECIFIED.
- FOR EVERY CABLE PULL SPECIFIED, COIL 10' OF EXCESS CABLE AT THE STATION END FOR FUTURE USE.
- COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLE SHALL BE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.

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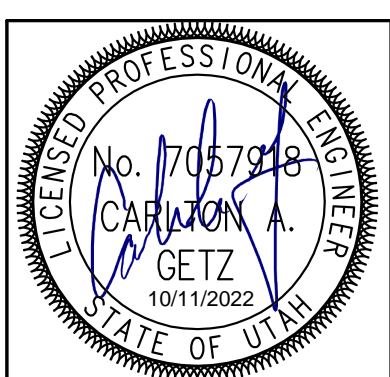
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PROJECT #: IHC000014.30

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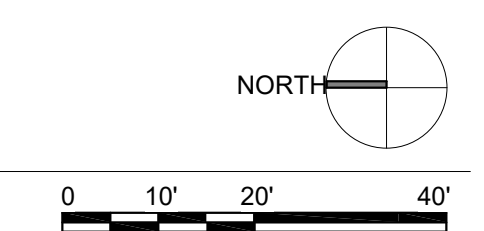
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**A6** OVERALL MAIN LEVEL REFERENCE PLAN  
SCALE: 1" = 20'-0"



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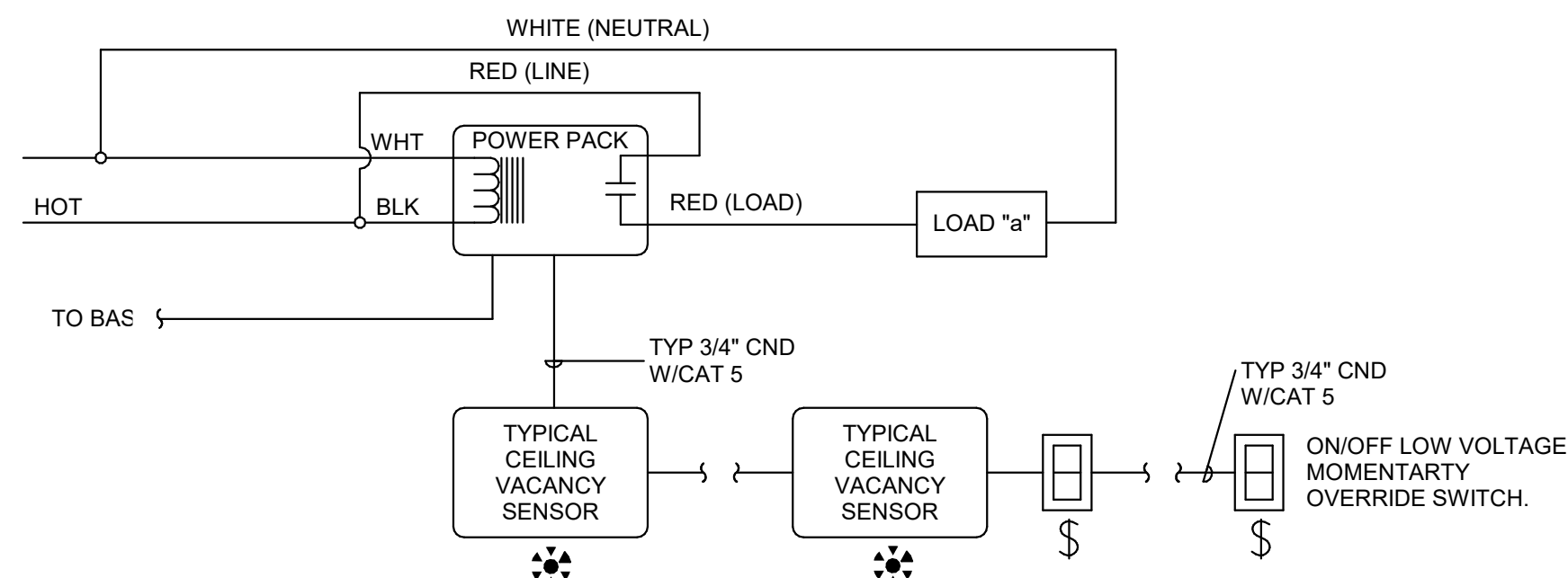
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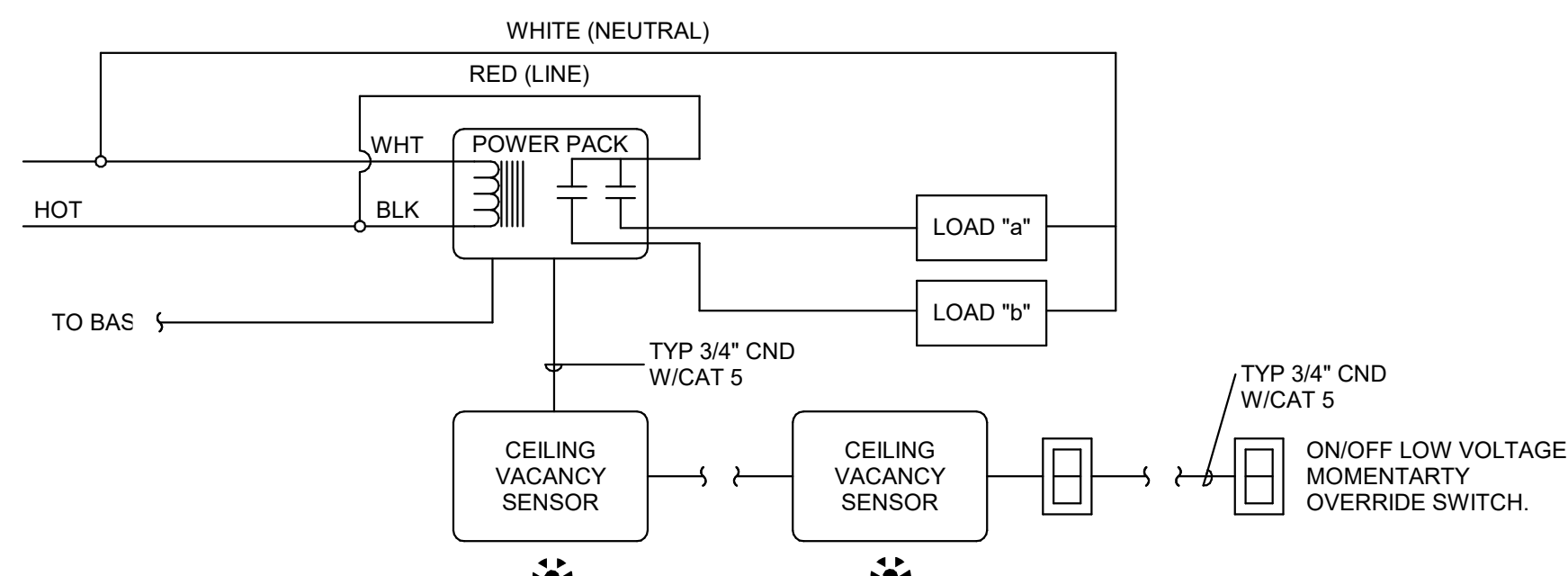


OVERALL MAIN LEVEL REFERENCE PLAN

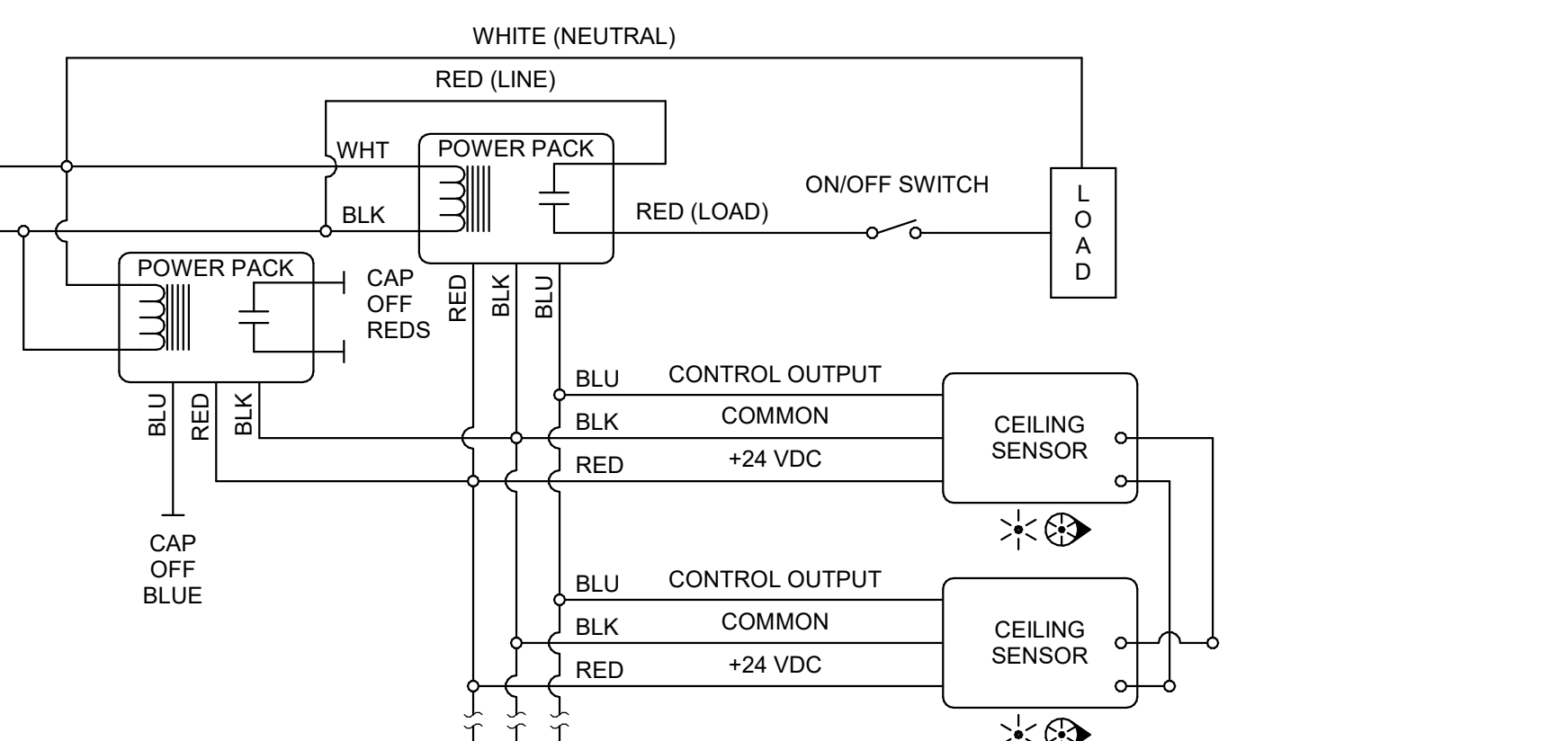
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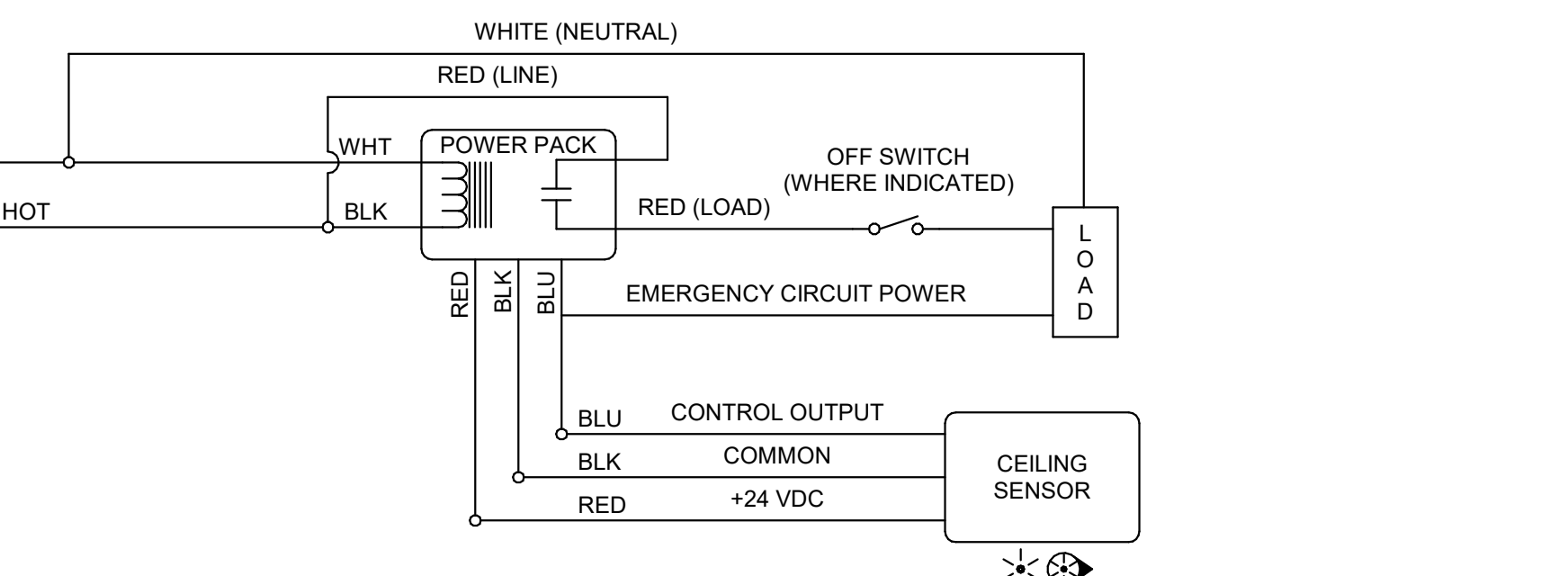
**4 TYPICAL CEILING VACANCY SENSOR WIRING DIAGRAM**  
SCALE: NTS  
\*BASIS OF DESIGN IS NLIGHT OR WATTSTOPPER  
\*\*PROVIDE ALL COMPONENTS NECESSARY FOR AN EQUIVALENT, FULLY FUNCTIONAL SYSTEM IF PROVIDING OTHER THAN BASIS OF DESIGN SYSTEM.



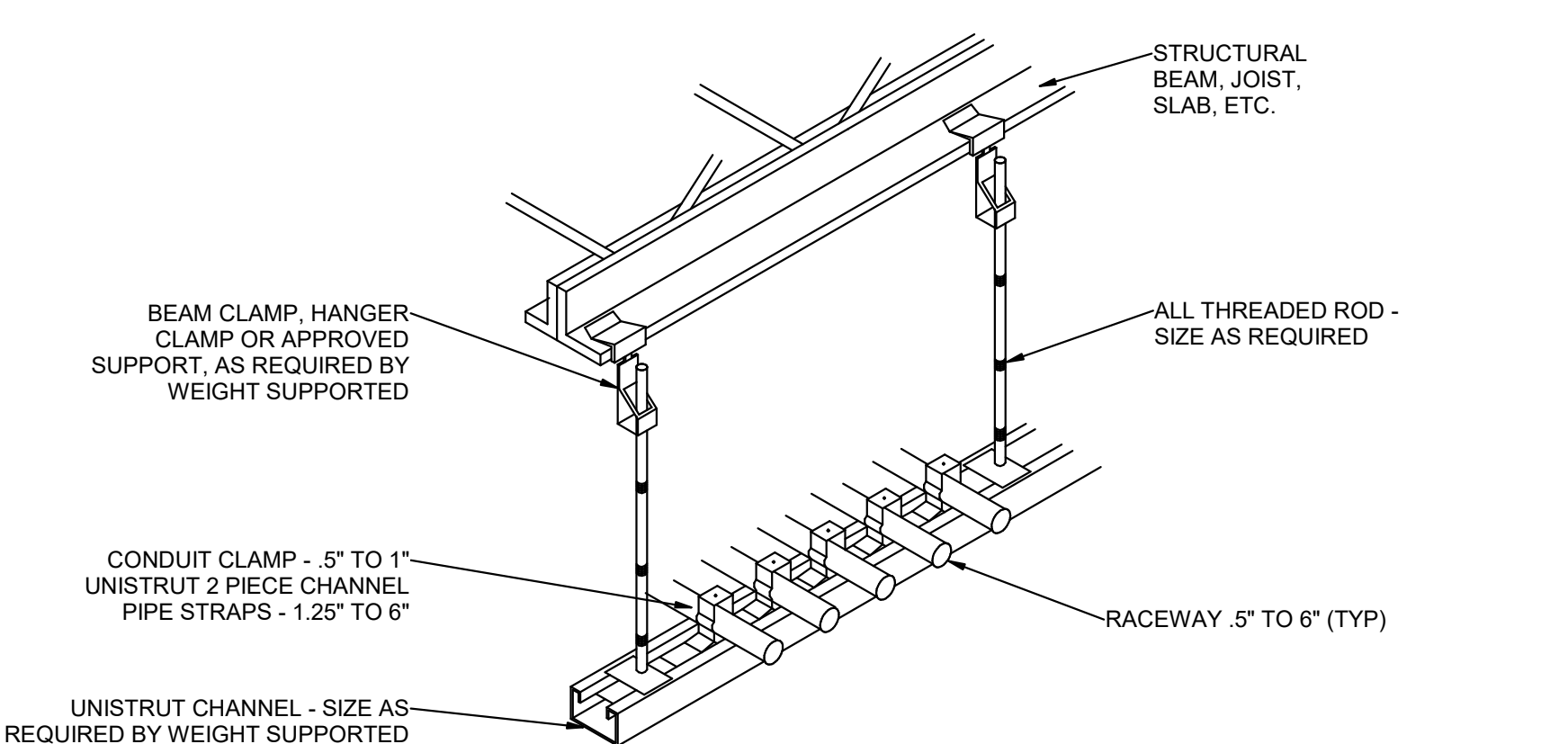
**5 TYPICAL MULTIPLE ZONE VACANCY SENSOR WIRING DIAGRAM**  
SCALE: NTS  
\*BASIS OF DESIGN IS NLIGHT  
\*\*PROVIDE ALL COMPONENTS NECESSARY FOR AN EQUIVALENT, FULLY FUNCTIONAL SYSTEM IF PROVIDING OTHER THAN BASIS OF DESIGN SYSTEM.



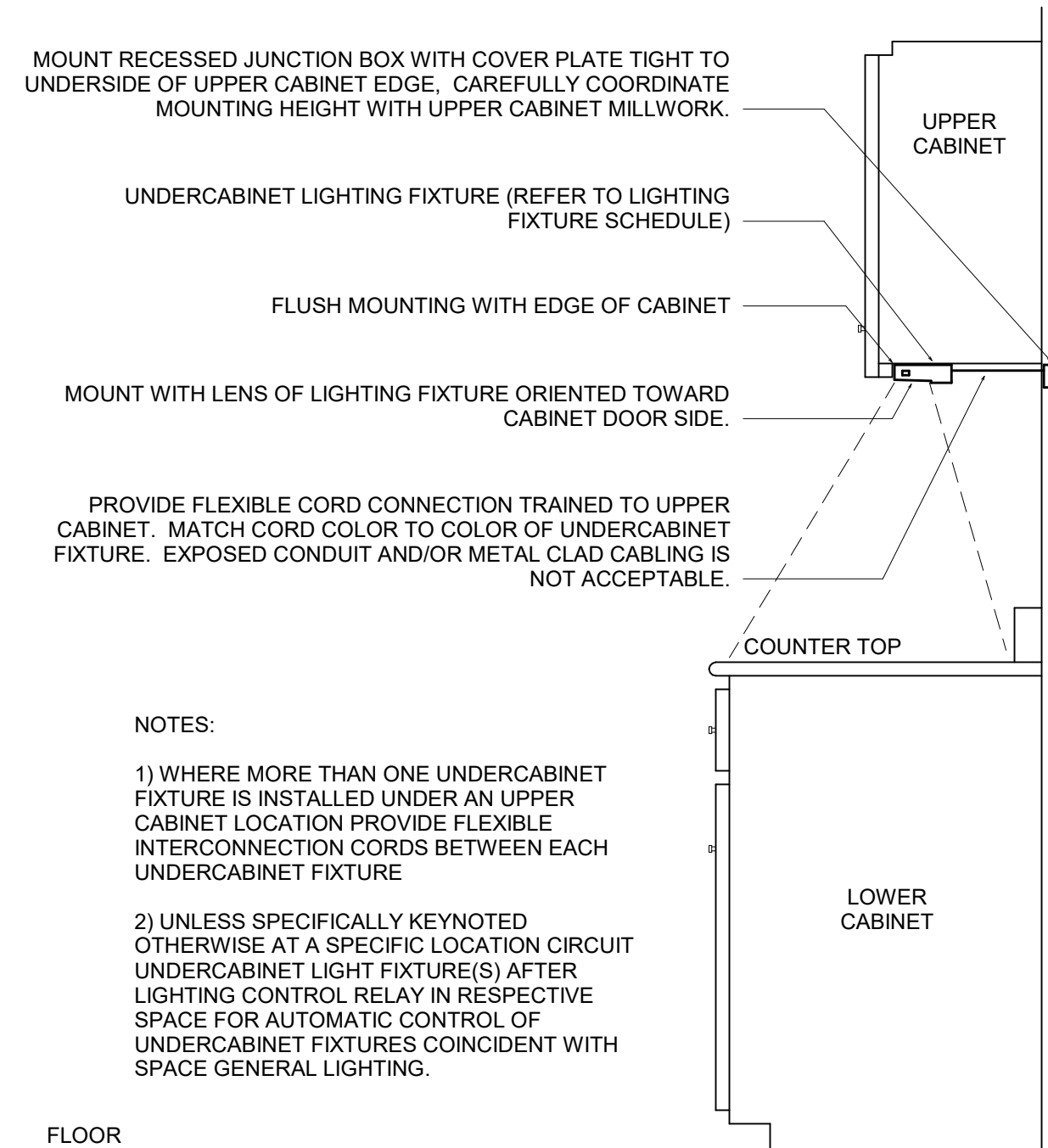
**6 TYPICAL ROOM WITH MULTIPLE CEILING SENSORS**  
SCALE: NTS



**7 TYPICAL ROOM WITH ONE CEILING SENSOR, WITH OR WITHOUT WALL SWITCH**  
SCALE: NTS

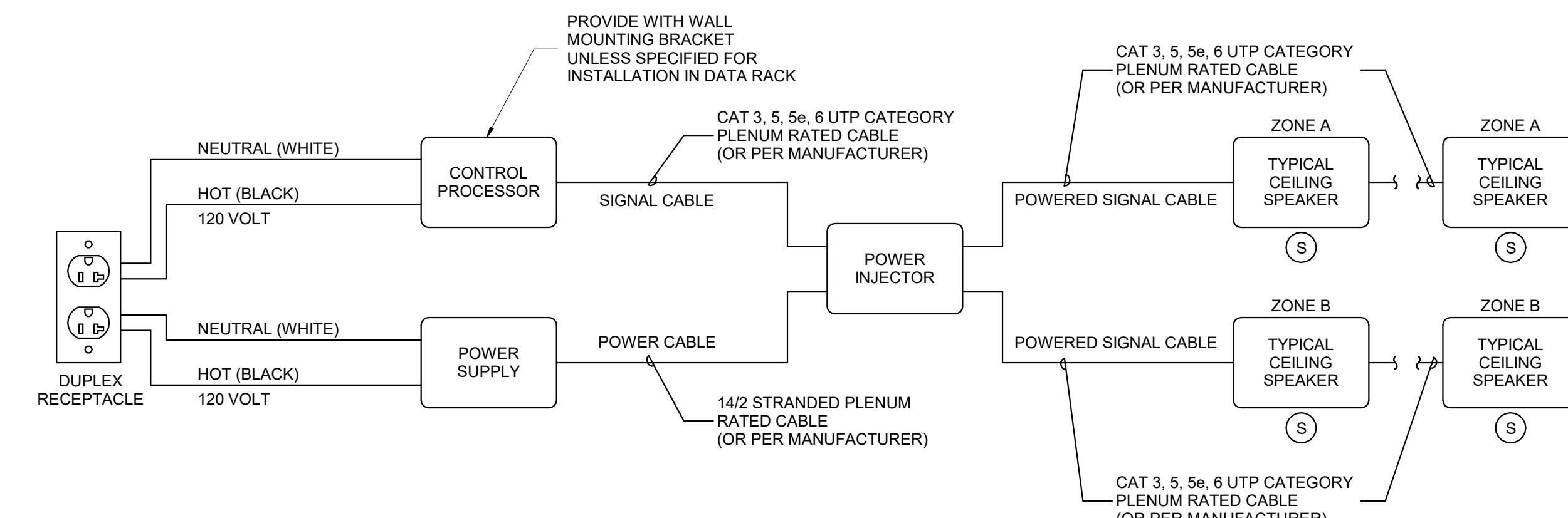


**1 TYPICAL CONDUIT RACK DETAIL**  
SCALE: NTS

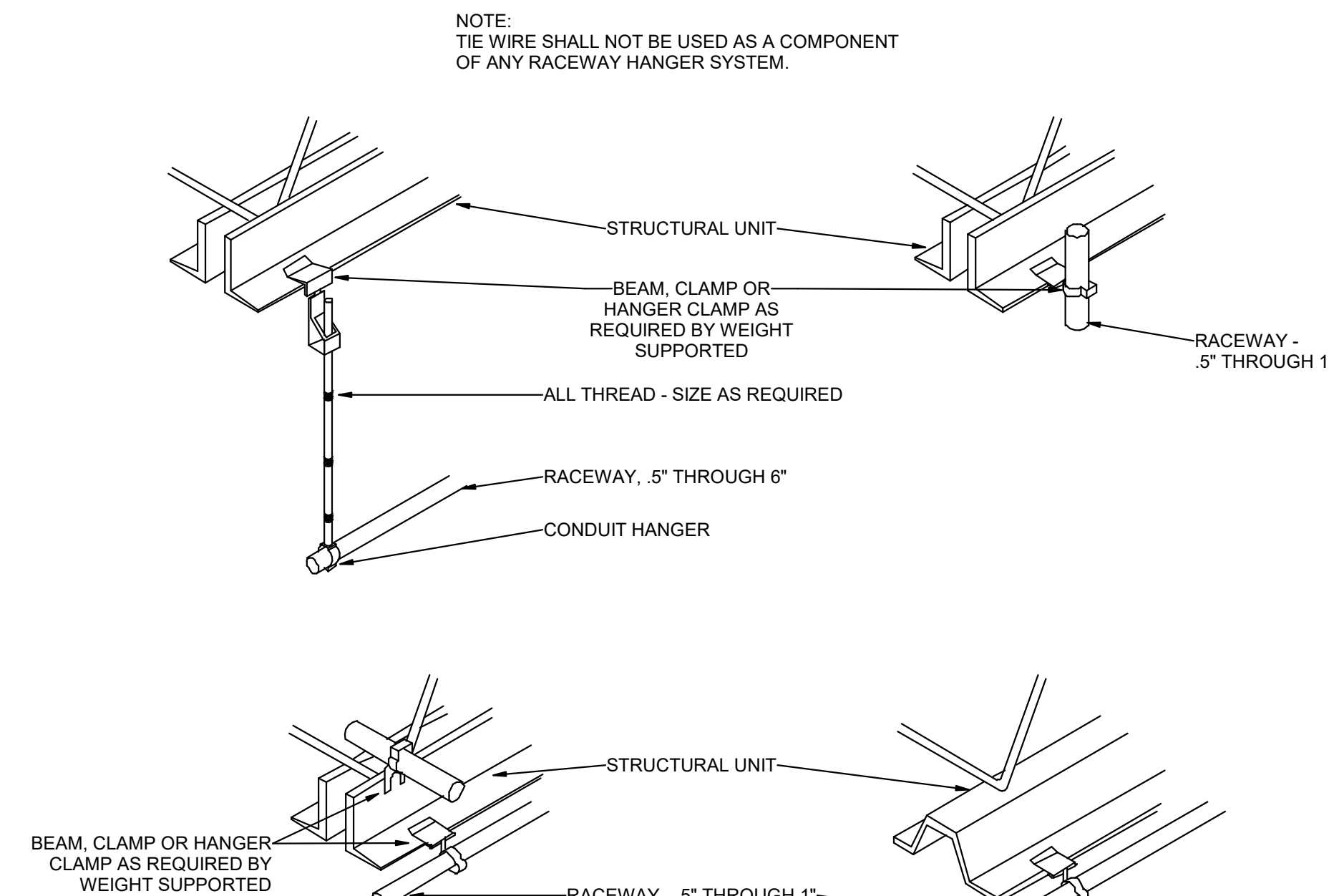


**11 TYPICAL UNDERCABINET LIGHTING FIXTURE MOUNTING DETAIL**  
SCALE: NTS  
MOUNT RECESSED JUNCTION BOX WITH COVER PLATE TIGHT TO UNDERSIDE OF UPPER CABINET EDGE. CAREFULLY COORDINATE MOUNTING HEIGHT WITH UPPER CABINET MILLWORK.  
UNDERCABINET LIGHTING FIXTURE (REFER TO LIGHTING FIXTURE SCHEDULE)  
FLUSH MOUNTING WITH EDGE OF CABINET  
MOUNT WITH LENS OF LIGHTING FIXTURE ORIENTED TOWARD CABINET DOOR SIDE.  
PROVIDE FLEXIBLE CORD CONNECTION TRAINED TO UPPER CABINET. MATCH CORD COLOR TO COLOR OF UNDERCABINET FIXTURE. EXPOSED CONDUIT AND/OR METAL CLAD CABLEING IS NOT ACCEPTABLE.

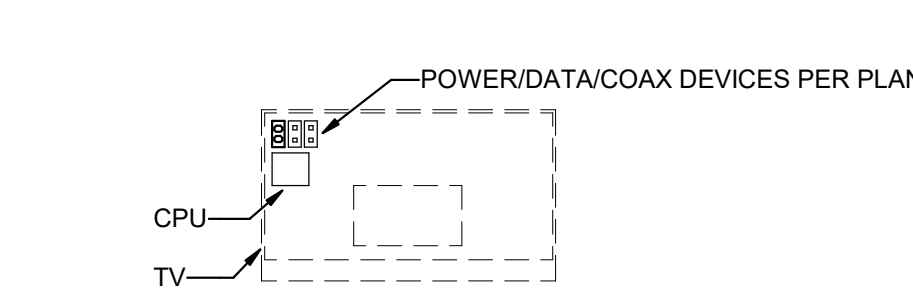
NOTES:  
1) WHERE MORE THAN ONE UNDERCABINET FIXTURE IS INSTALLED UNDER AN UPPER CABINET LOCATION PROVIDE FLEXIBLE INTERCONNECTION CORDS BETWEEN EACH UNDERCABINET FIXTURE  
2) UNLESS SPECIFICALLY KEYNOTED OTHERWISE AT A SPECIFIC LOCATION CIRCUIT UNDERCABINET LIGHT FIXTURE(S) AFTER LIGHTING CONTROL RELAY IN RESPECTIVE SPACE FOR AUTOMATIC CONTROL OF UNDERCABINET FIXTURES COINCIDENT WITH SPACE GENERAL LIGHTING.



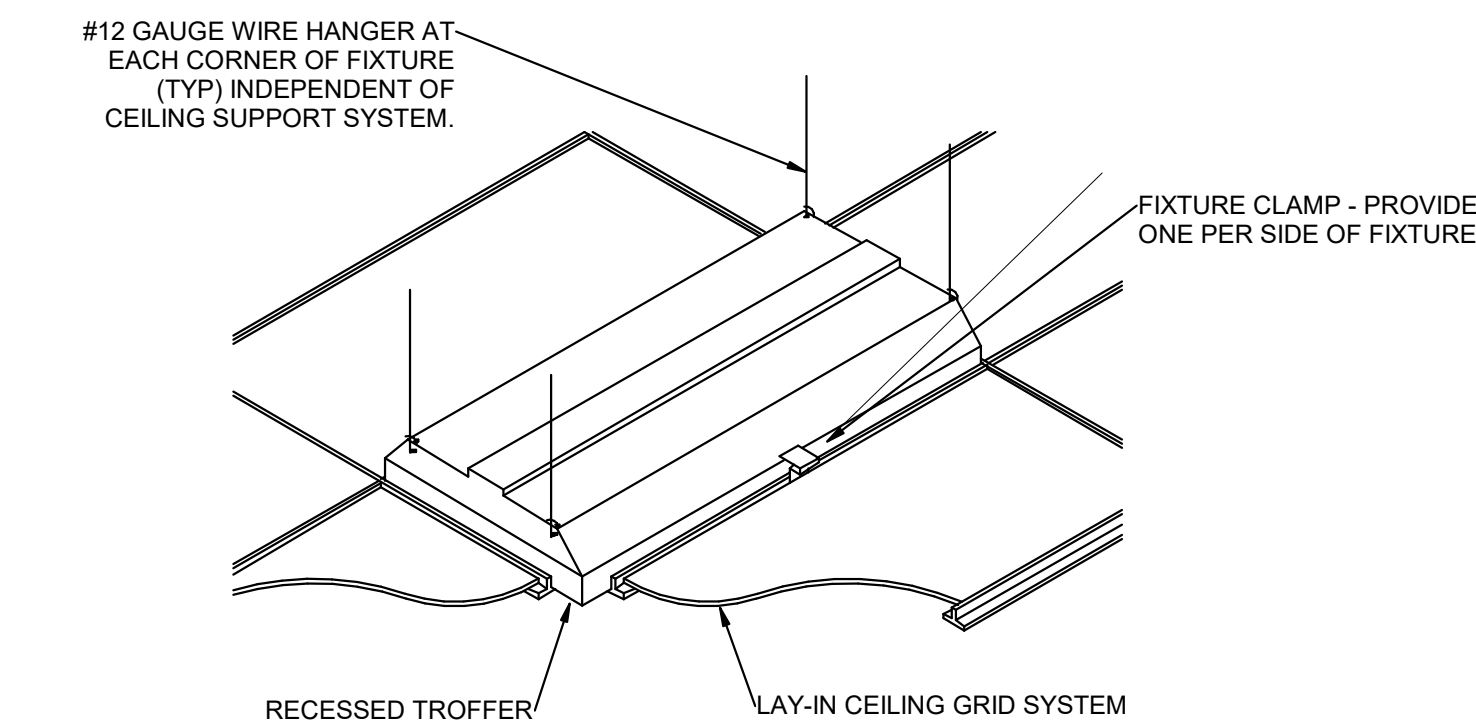
**10 TYPICAL SOUND MASKING SPEAKER WIRING DIAGRAM**  
SCALE: NTS  
\*BASIS OF DESIGN IS CAMBRIDGE SOUND MANAGEMENT  
\*\*PROVIDE ALL COMPONENTS NECESSARY FOR AN EQUIVALENT, FULLY FUNCTIONAL SYSTEM IF PROVIDING OTHER THAN BASIS OF DESIGN SYSTEM.



**2 TYPICAL RACEWAY SUPPORT METHODS DETAIL**  
SCALE: NTS  
NOTE: TIE WIRE SHALL NOT BE USED AS A COMPONENT OF ANY RACEWAY HANGER SYSTEM.

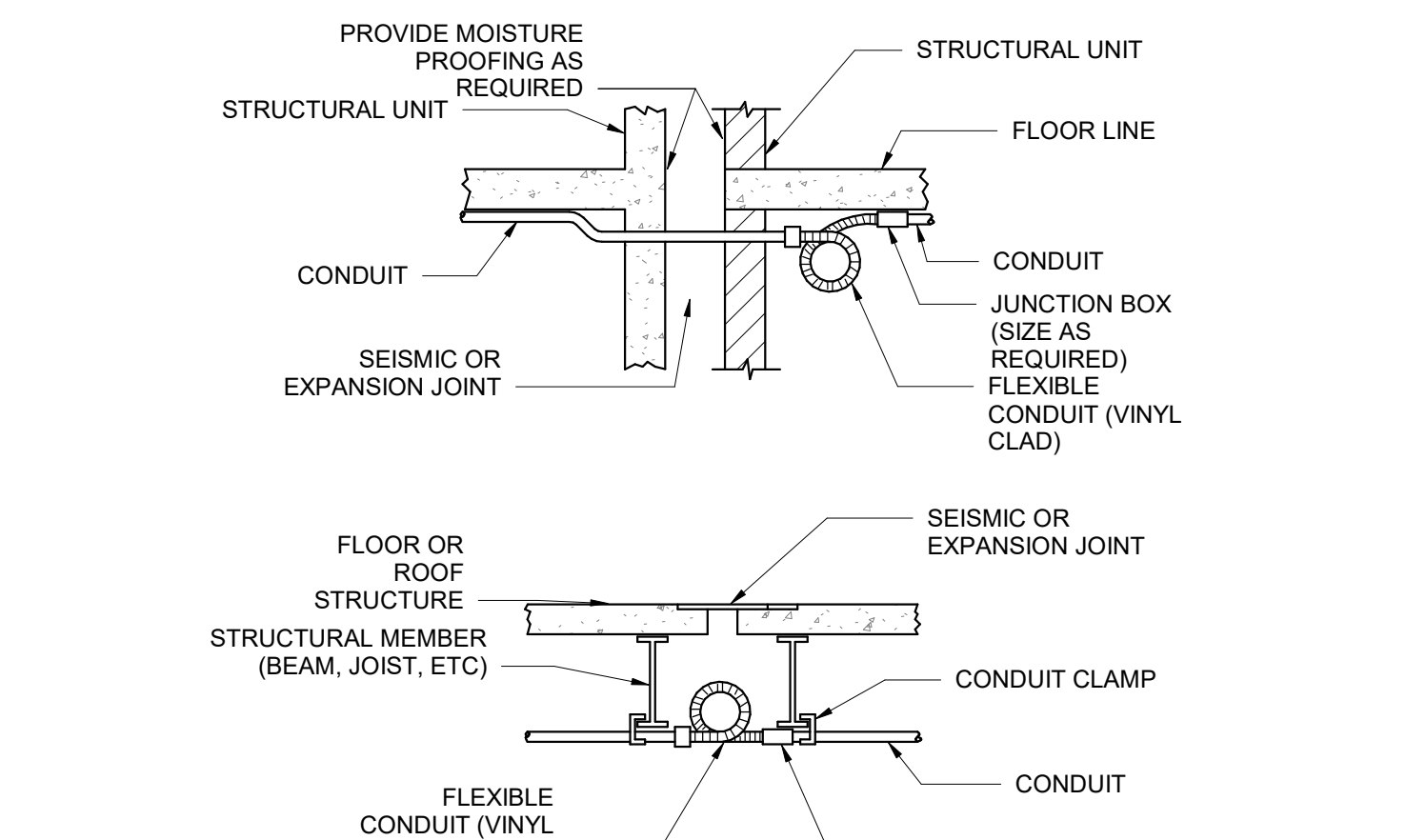


**9 TV DEVICE MOUNTING DETAIL**  
SCALE: 1/8" = 1'-0"

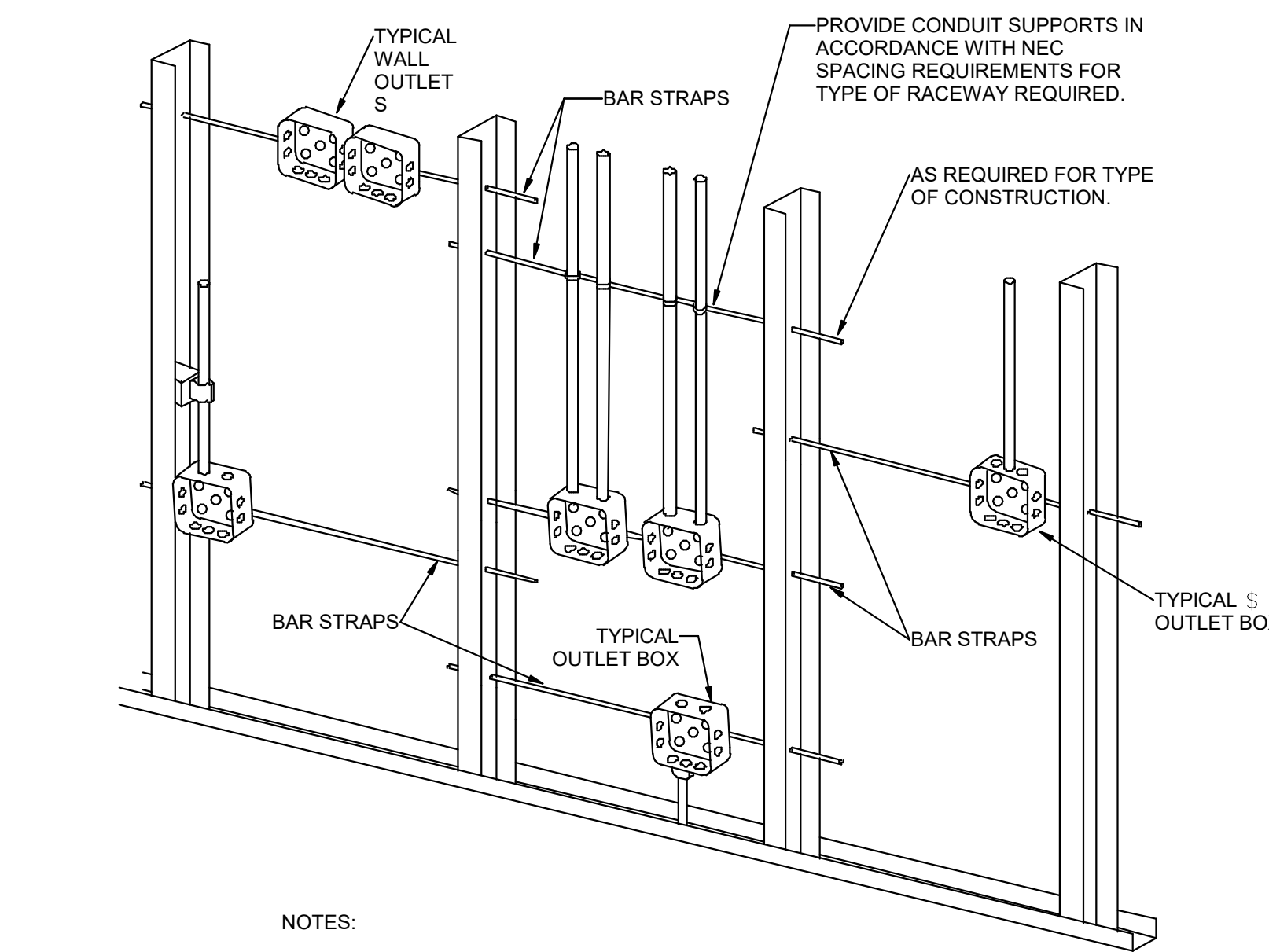


**12 RECESSED FIXTURE MOUNTING DETAIL**  
SCALE: NTS

NOTE: TIE WIRE SHALL NOT BE USED AS A COMPONENT OF ANY RACEWAY HANGER SYSTEM.



**8 CONDUIT EXPANSION JOINT DETAIL**  
SCALE: NTS



**3 TYPICAL ROUGH-IN REQUIREMENTS DETAIL**  
SCALE: NTS  
NOTES:  
1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.  
2. PLASTER RINGS NOT SHOWN.  
3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.  
4. IN ACCORDANCE WITH IBC 714.3.2 EXCEPTION 1, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE IN A RATED FIRE SEPARATION WALL MUST BE SEPARATED BY A MINIMUM OF 24" HORIZONTAL DISTANCE.  
5. IN NON-RATED WALLS, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY 16" FOR SOUND ATTENUATION.

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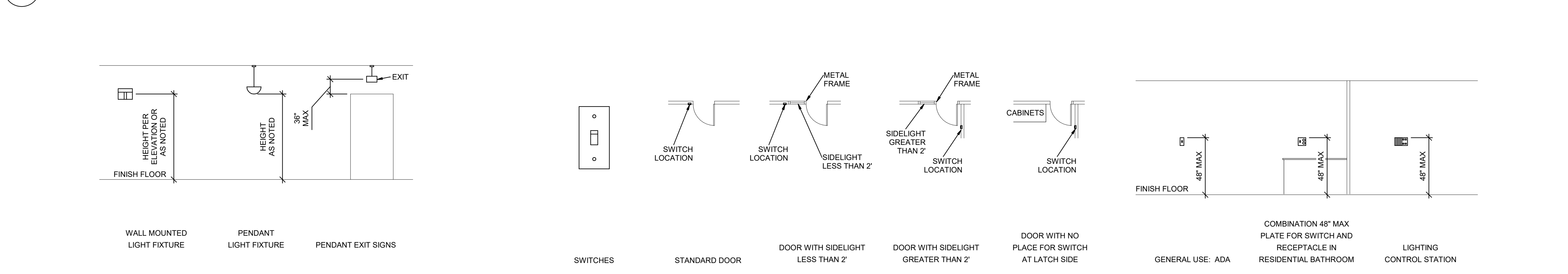
### GENERAL SHEET NOTES

1. DETERMINE MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:
  - 1 - ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC).
  - 2 - EQUIPMENT SHOP DRAWINGS.
  - 3 - FIELD INSTRUCTIONS.
2. LOCATE RECEPTACLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED OTHERWISE.
3. MECHANICAL, ELECTRICAL, AND COMMUNICATION ROOMS: COORDINATE LOCATION OF LIGHTING AND POWER RECEPTACLES WITH EQUIPMENT, PIPING, AND DUCTWORK. DO NOT INSTALL RECEPTACLES BEHIND EQUIPMENT OR WHERE OTHERWISE INACCESSIBLE. POSITION LIGHTING REGARDLESS OF WHERE SHOWN ON DRAWING TO PROVIDE PROPER ILLUMINATION.
4. MOUNT RECEPTACLE BOXES FOR SWITCHES AND RECEPTACLES WITH LONG AXIS OF THE DEVICE VERTICAL UNLESS OTHERWISE INDICATED.
5. SET BOXES WITH PLASTER RINGS FLUSH WITH FINISHED SURFACE.
6. LOCATE BOX COVERS OR DEVICE PLATES SO THEY WILL NOT SPAN DIFFERENT TYPES OF BUILDING FINISHES EITHER VERTICALLY OR HORIZONTALLY.
7. VERIFY ALL DOOR CONDITIONS ON ARCHITECTURAL DRAWINGS PRIOR TO INSTALLING SWITCHES.
8. LOCATE WIRING DEVICES WHICH ARE ADJACENT AND ARE COMPATIBLE VOLTAGES IN ONE PLATE.
9. WHERE DEVICES ARE LOCATED IN CLOSE PROXIMITY OF THE SAME VERTICAL PLANE, ALIGN DEVICES VERTICALLY PER THE TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL, UNLESS OTHERWISE INDICATED.

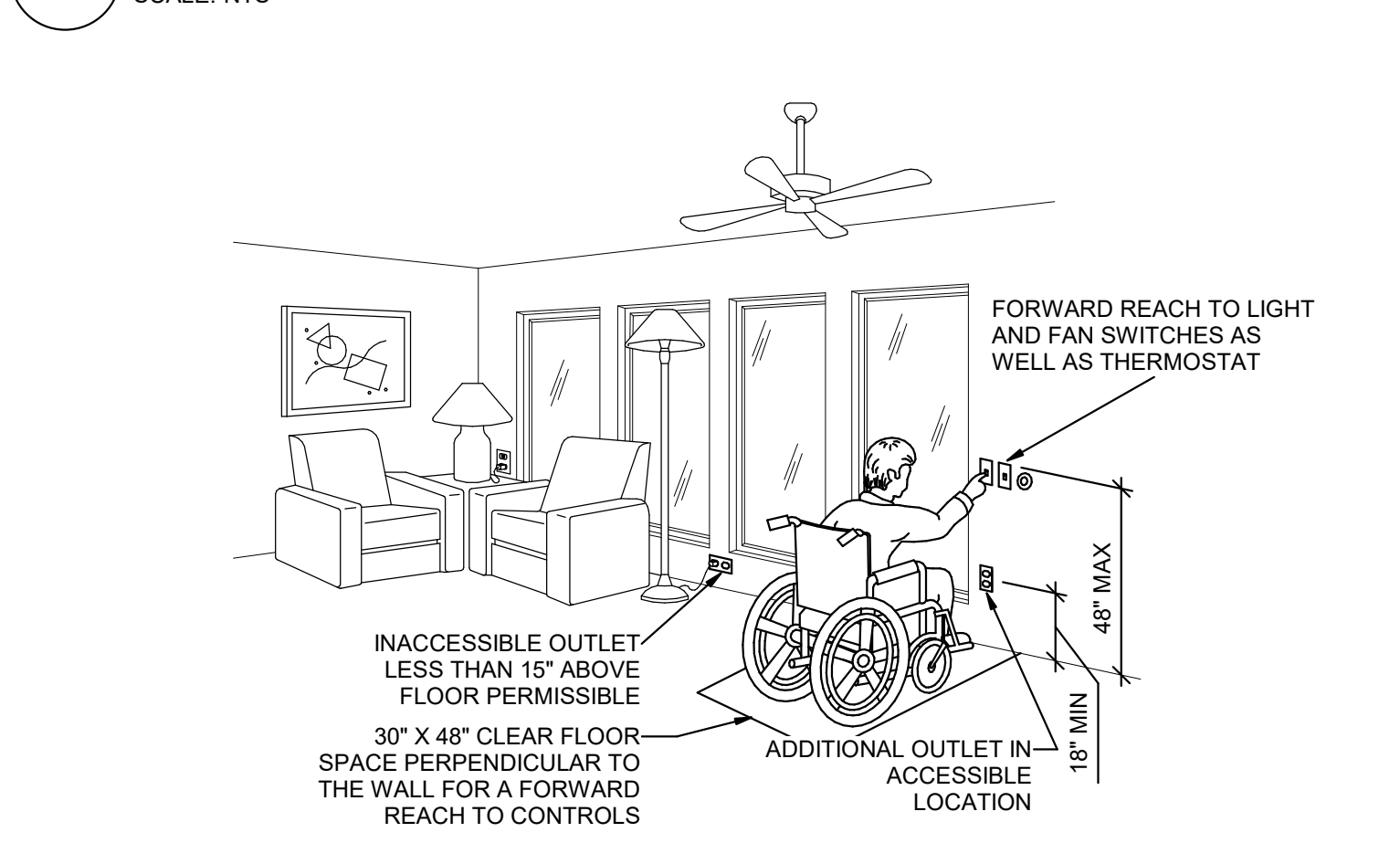
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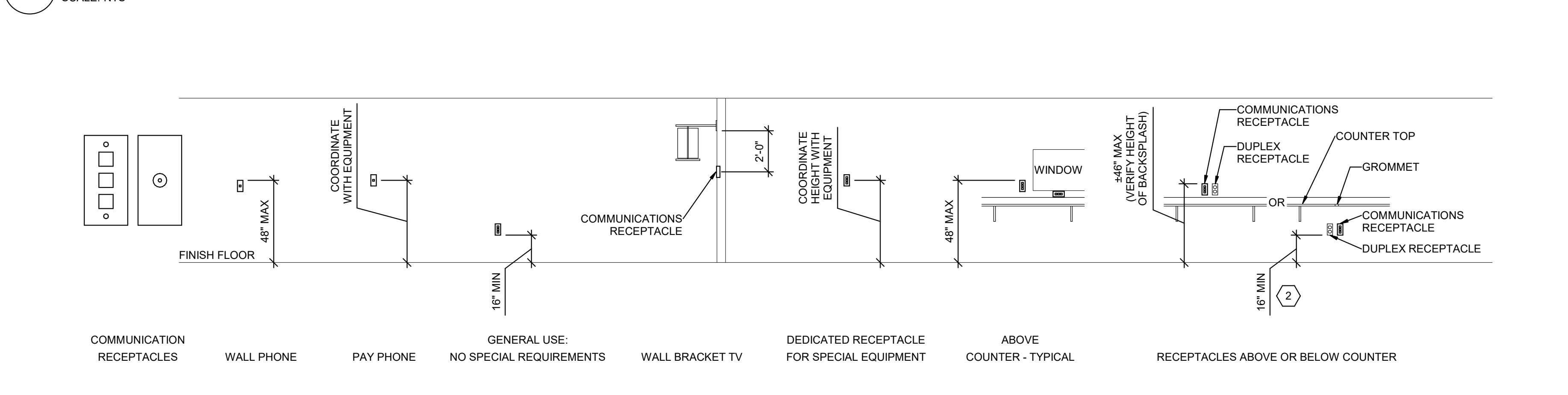
### E5 RECEPTACLE MOUNTING DETAILS



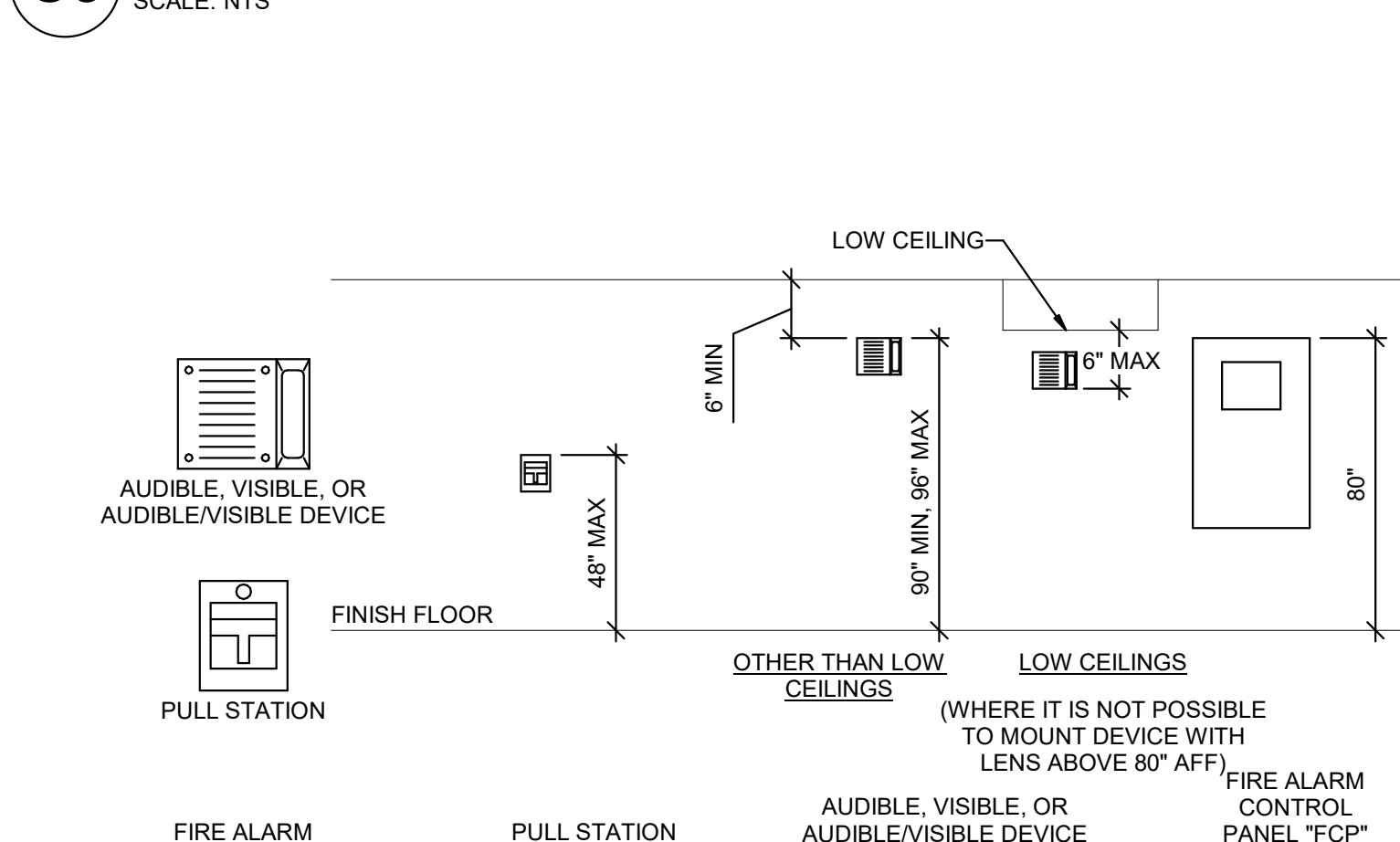
### D5 LIGHTING MOUNTING DETAILS



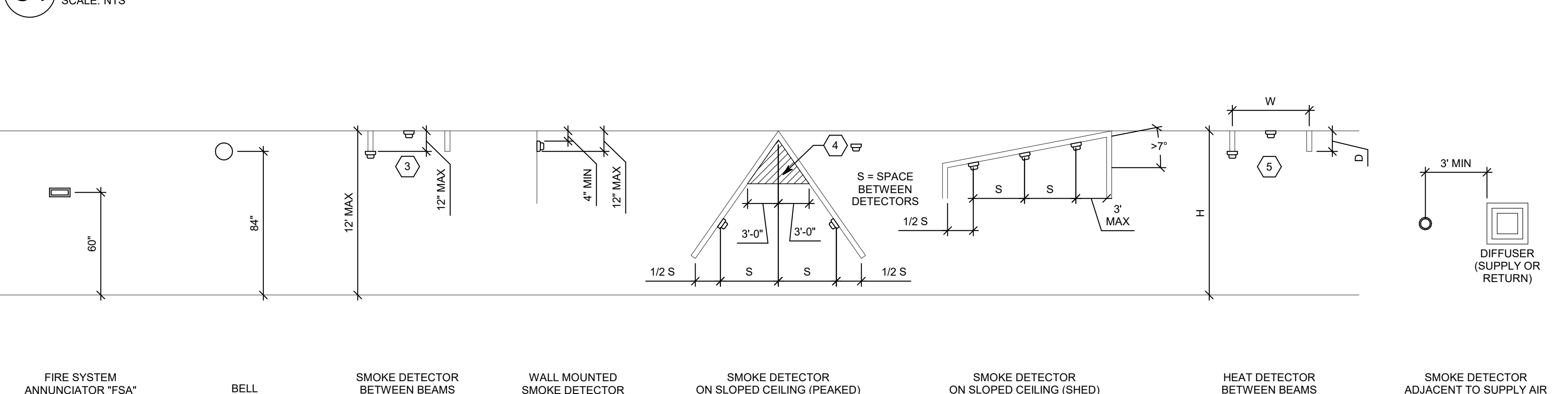
### D4 SWITCH MOUNTING DETAILS



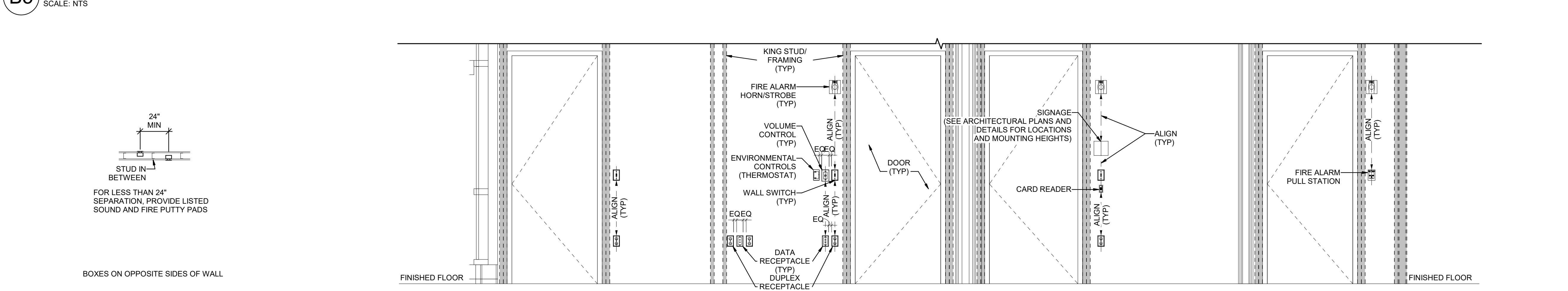
### C5 ADA DETAIL



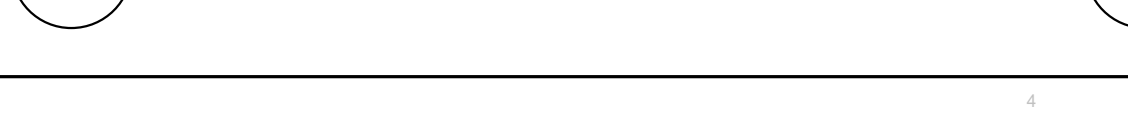
### C4 COMMUNICATIONS MOUNTING DETAILS



### B5 FIRE ALARM MOUNTING DETAILS



### A5 BOX MOUNTING DETAILS



### A4 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL



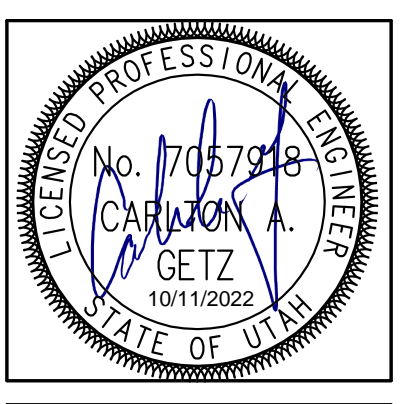
### SHEET KEYNOTES

1. LOCATE RECEPTACLES BEHIND DRINKING FOUNTAINS.
2. REFER TO ARCHITECTURAL ELEVATIONS FOR PLACEMENT OF OUTLETS.
3. LOCATE AT BOTTOM OF BEAMS (OR JOISTS) OR AT CEILING. (REDUCE SPACING BY 5 PERPENDICULAR TO BEAM OR JOIST DIRECTION.) FOR OTHER CONDITIONS, REFER TO NFPA 72.
4. LOCATE DETECTOR ANYWHERE IN SHADED AREA BUT NOT IN TOP 4\"/>

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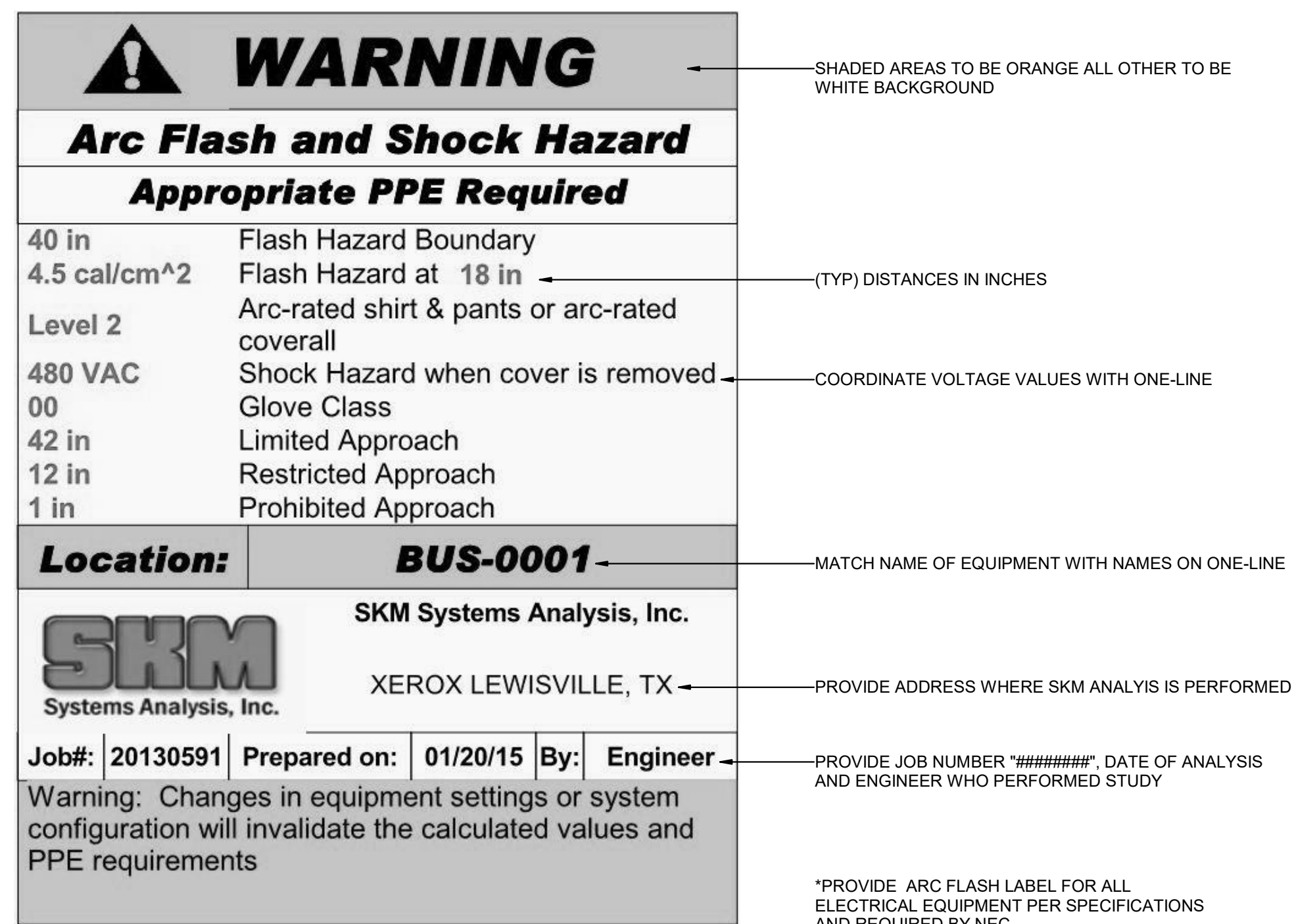
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DATE	REVISION

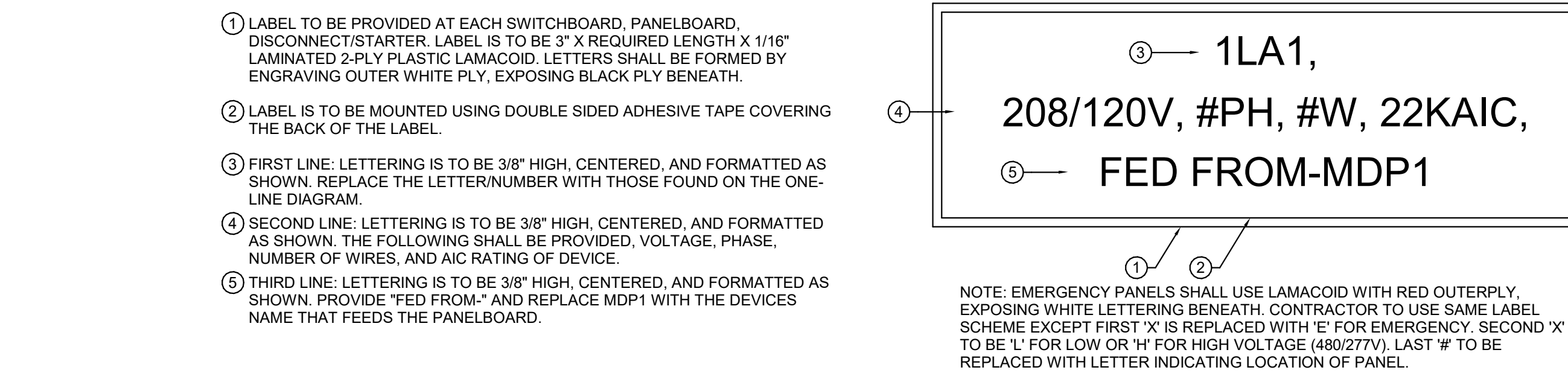


TYPICAL MOUNTING HEIGHT DETAILS

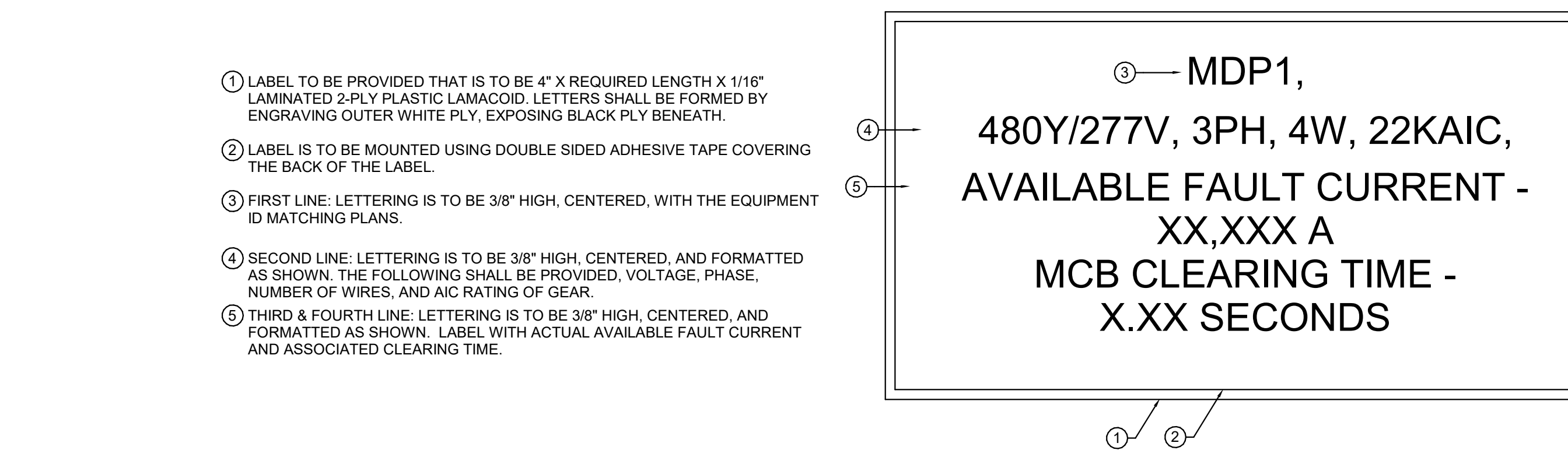
EE701



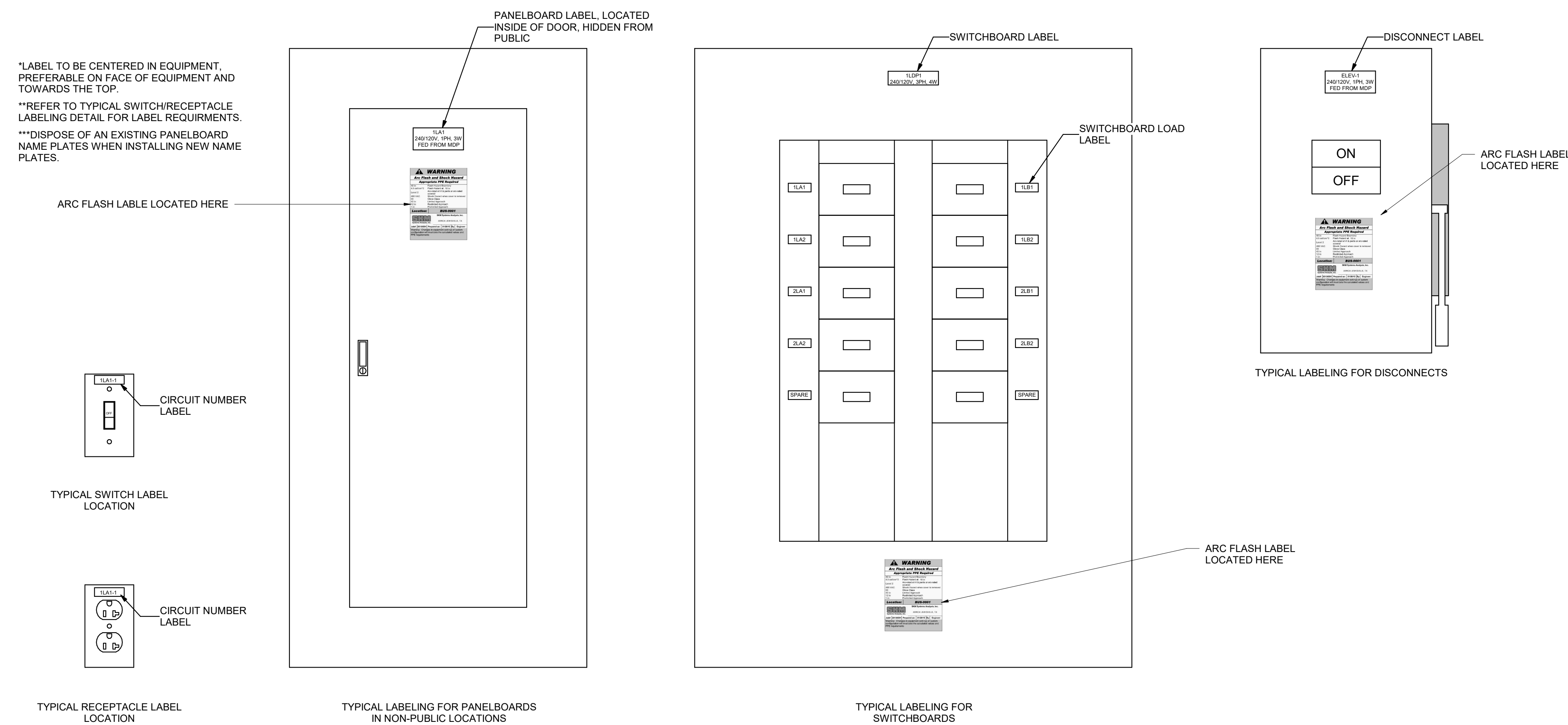
**C5** TYPICAL ARC FLASH LABEL  
SCALE: NTS



**D3** TYPICAL PANELBOARD/SWITCHBOARD LABEL  
SCALE: NTS



**C3** TYPICAL MAIN SERVICE EQUIPMENT/GEAR LABEL  
SCALE: NTS



**A4** TYPICAL SWITCH, RECEPTACLE AND PANELBOARD LABELING LOCATION DETAIL  
SCALE: NTS

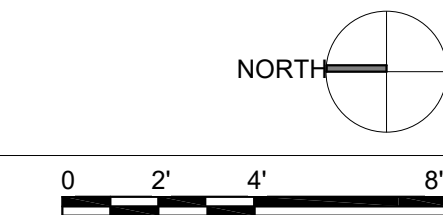
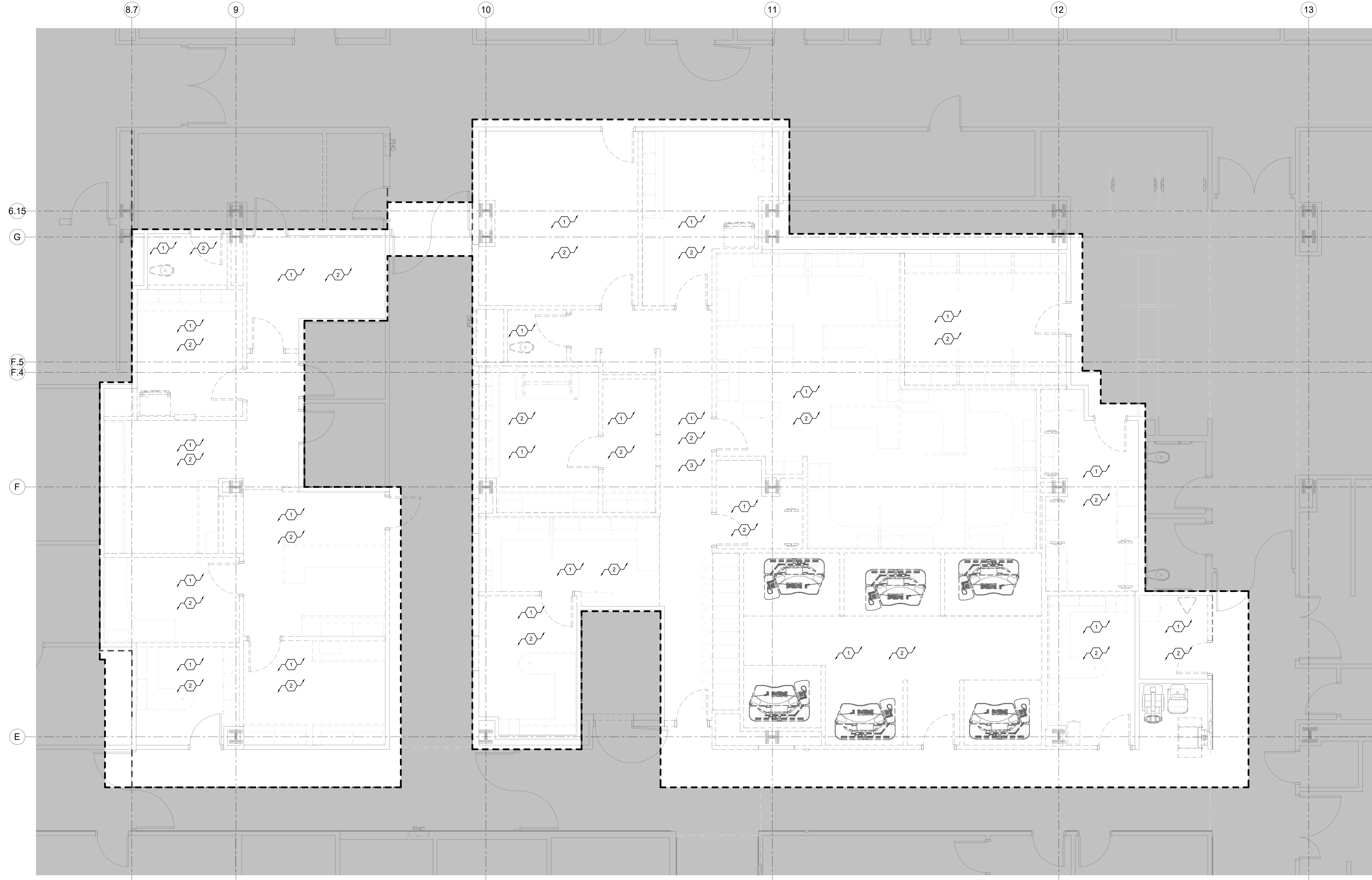
BIM 360/IIHC\_014\_30 - Primary Childrens Ultrasound/210634-Elec Central.rvt

10/11/2022 2:19:07 PM

A6

# MAIN LEVEL ELECTRICAL DEMOLITION PLAN

SCALE: 1/4" = 1'-0"



## GENERAL SHEET NOTES

- 1 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES, DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
- 2 SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALL PLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- 3 PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
- 4 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- 5 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- 6 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED, WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL, SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.
- 7 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
- 8 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- 9 REFER TO ARCHITECTURAL DRAWINGS FOR REMOVAL OF MOTORS, CONDUIT, CONDUCTOR AND CONTROL WIRING ASSOCIATED WITH EXISTING MOTORIZED DOORS, PARTITIONS AND LIGHTING.
- 10 DEMOLISH ALL WI-FI ACCESS POINTS WHETHER SHOWN ON DRAWINGS OR NOT WITHIN SCOPE OF WORK AREA.
- 11 REMOVE FEEDERS FOR ALL DEMOLISHED PANELS, DISCONNECTS, ETC. BACK TO SOURCE.
- 12 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
- 13 CONTRACTOR TO TRACE AND LABEL ALL EXISTING LOADS TO REMAIN, THAT ARE CURRENTLY FED FROM PANELS THAT ARE BEING DEMOLISHED IN THIS PHASE. THESE LOADS TO BE RE-FED FROM NEW PANELS IN NEXT PHASE.
- 14 ALL HVAC UNITS TO BE REMOVED BY MECHANICAL CONTRACTOR UNLESS NOTED OTHERWISE. REMOVE ALL ASSOCIATED RACEWAYS AND CONDUCTORS BACK TO SOURCE.

## SHEET KEYNOTES

- 1 REMOVE ALL ELECTRICAL DEVICES, FIRE ALARM DEVICES, RECEPTACLES, ETC., IN DEMOLISHED SPACES. REMOVE ALL EXISTING BRANCH CIRCUITING BACK TO NEAREST SOURCE.
- 2 REMOVE ALL LIGHTING CONTROLS, SWITCHES, FIXTURES, DEVICES, ETC., IN DEMOLISHED SPACES. REMOVE ALL EXISTING BRANCH CIRCUITING BACK TO NEAREST SOURCE UNLESS OTHERWISE NOTED.
- 3 MAINTAIN EXISTING LIFE SAFETY LIGHTING BRANCH CIRCUIT SERVING SPACE FOR EXTENSION AND RECONNECTION UNDER NEW WORK.

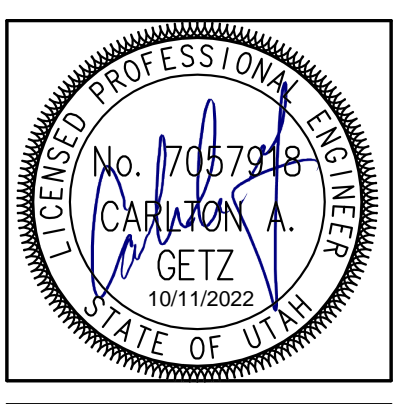
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 O: (801) 533-2100  
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**Primary Children's Hospital - Ultrasound**  
 100 NORTH MARIO CAPECCHI DRIVE  
 SALT LAKE CITY, UTAH 84113

PROJECT #: IHC000014.30

100% CD SET 08/09/2022	
DATE	REVISION



MAIN LEVEL ELECTRICAL DEMOLITION PLAN

ED101





PANEL: "H1D"(EXISTING)																						
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		FED FROM:	CABINET:	LOCATION:	NOTES:			ACCESSORIES:										
480/277 V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		225 AMPERE MAIN LUGS		1EDD	SURFACE					PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR										
AIC RATING: (EXISTING)																						
CKT NO	AMP	POLE	BKR	LOAD (kVA)	PHASE LOAD			DESCRIPTION	LOAD (kVA)	PWR	LTG	BKR	POLE	AMP	CKT NO							
					A	B	C															
1	20	1	--	--	--		(EX) LIGHTS	0.0	0.0					1	20	2						
3	20	1	--	--	--		(EX) LIGHTS							1	20	4						
5	20	1	--	--	--		(EX) LIGHTS							1	20	6						
7	20	1	--	--	--		(EX) LIGHTS D1, C1, NUCMED	0.0	0.0					1	20	8						
9	20	1	--	--	--		(EX) LIGHTS							1	20	10						
11	20	1	--	--	--		(EX) LIGHTS							1	20	12						
13	20	1	--	--	--		(EX) LIGHTS	0.0	0.0					1	20	14						
15	20	1	--	--	--		(EX) LIGHTS							1	20	16						
17	20	1	--	2.9	0.0	0.0	(NEW) LIGHTING				2.9	--	--	1	--	18						
19	15	3	--	--	--		(EX) CT CONDENSING UNIT #4	0.0	0.0					3	30	20						
21	--	--	--	--	--		(EX) SPARE							--	--	22						
23	--	--	--	--	--		(EX) SPARE							--	--	24						
25	--	1	--	--	--		(EX) SPACE	--	0.0					3	20	26						
27	20	1	--	--	--		(EX) MPU DOOR MAGS (RP-23 C-1)	--	0.0	0.0				--	--	28						
29	--	1	--	--	--		(EX) SPACE	--	--	--				--	--	30						
31	--	1	--	--	--		(EX) SPACE	--	--	--				1	--	32						
33	--	1	--	--	--		(EX) SPACE	--	--	--				1	--	34						
35	--	1	--	--	--		(EX) SPACE	--	--	--				1	--	36						
37	--	1	--	--	--		(EX) SPACE	--	--	--				1	--	38						
39	--	1	--	--	--		(EX) SPACE	--	--	--				1	--	40						
41	--	1	--	--	--		(EX) SPACE	--	--	--				1	--	42						
<b>TOTALS:</b>								CONNECTED KVA PER PHASE			0			0			CONNECTED TOTAL KVA =			3		
								CONNECTED AMPS PER PHASE			0			0			AVERAGE CONNECTED AMPS PER PHASE =			3		
NEC DIVERSIFIED LOAD CALCULATIONS																						
LIGHTING & CONTINUOUS LOADS: 2.9 kVA @ 125% = 3.6 kVA - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL KVA = 4																						
RECEPTACLES: - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 4																						
ALL OTHER LOADS @ 100%: 0.0 kVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC																						
BKR: GF=GFCL, GF3=30mA GFCL CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCL, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCL																						

PANEL: "1E3"(EXISTING)																						
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		FED FROM:	CABINET:	LOCATION:	NOTES:			ACCESSORIES:										
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		225 AMPERE MAIN LUGS		1EDD	SURFACE					PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR										
AIC RATING: 0																						
CKT NO	AMP	POLE	BKR	LOAD (kVA)	PHASE LOAD			DESCRIPTION	LOAD (kVA)	PWR	LTG	BKR	POLE	AMP	CKT NO							
					A	B	C															
1	20	1	--	--	--		(EX) PBX WIREMOLD	0.0	0.0					1	20	2						
3	20	1	--	--	--		(EX) PBX WIREMOLD							1	20	4						
5	20	1	--	--	--		(EX) PBX WIREMOLD							1	20	6						
7	20	1	--	--	--		(EX) PBX CONSOLE MONITOR	0.0	0.0					1	20	8						
9	20	1	--	--	--		(EX) PBX CONSOLE MONITOR							1	20	10						
11	20	1	--	--	--		(EX) SPARE 1164							1	20	12						
13	20	1	--	--	--		(EX) GLOCK POWER	0.0	0.0					1	20	14						
15	20	1	--	--	--		(EX) FA ACCESS PANEL 1164							1	20	16						
17	20	1	--	--	--		(EX) CO							1	20	18						
19	20	1	--	--	--		(EX) CO	0.0	0.0					1	20	20						
21	20	1	--	--	--		(EX) CO							1	20	22						
23	20	1	--	--	--		(EX) SPARE							1	20	24						
25	20	1	--	--	--		(EX) PLUGMOLD 1263	0.0	0.0					1	20	26						
27	20	1	--	--	--		(EX) FIRE ALARM ALTRONICS							1	20	28						
29	20	1	--	--	--		(EX) CO							1	20	30						
31	20	1	--	--	--		(EX) CO	0.0	0.0					1	20	32						
33	20	1	--	--	--		(EX) CO							1	20	34						
35	20	1	--	--	--		(EX) FIRE HORN / LTS READIN...							1	20	36						
37	20	1	--	--	--		(EX) SEIMENS CNTRL PANEL	0.0	0.0					1	20	38						
39	30	1	--	--	--		(EX) POC LTG PANEL							1	20	40						
41	30	1	--	--	--		(EX) POC							1	20	42						
<b>TOTALS:</b>								CONNECTED KVA PER PHASE			0			0			CONNECTED TOTAL KVA =			0		
								CONNECTED AMPS PER PHASE			0			0			AVERAGE CONNECTED AMPS PER PHASE =			0		
NEC DIVERSIFIED LOAD CALCULATIONS																						
LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL KVA = 0																						
RECEPTACLES: - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 0																						
ALL OTHER LOADS @ 100%: 0.0 kVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC																						
BKR: GF=GFCL, GF3=30mA GFCL CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCL, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCL																						

PANEL: "HMRM"(EXISTING)																						
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		FED FROM:	CABINET:	LOCATION:	NOTES:			ACCESSORIES:										
480/277 V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		600 AMPERE MAIN LUGS			SURFACE					PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR										
AIC RATING: (EXISTING)																						
CKT NO	AMP	POLE	BKR	LOAD (kVA)	PHASE LOAD			DESCRIPTION	LOAD (kVA)	PWR	LTG	BKR	POLE	AMP	CKT NO							
					A	B	C															
1	20	3	--	--	--		(EX) MRI SPLIT UNIT EAST	0.0	0.0					3	20	2						
3	--	--	--	--	--		(EX) FAN COIL							--	--	4						
5	--	--	--	--	--		(EX) MRI SPLIT UNIT WEST	0.0	0.0					--	--	6						
7	20	3	--	--	--		(EX) MRI SPLIT UNIT WEST	0.0	0.0					3	100	8						
9	--	--	--	--	--		(EX) MRI CHILLER							--	--	10						
11	--	--	--	--	--		(EX) MRI CHILLER							--	--	12						
13	20	3	--	--	--		(EX) SPECIALS LAB COND 1	0.0	0.0					3	30	14						
15	--	--	--	--	--		(EX) FAN COIL & HEATER							--	--	16						
17	--	--	--	--	--		(EX) CONDENSING UNIT							--	--	18						
19	30	3	--	--	--		(EX) SPECIALS LAB HVAC 1	0.0	0.0					3	20	20						
21	--	--	--	--	--		(EX) CONDENSING UNIT							--	--	22						
23	--	--	--	--	--		(EX) SPECIALS LAB COND 2	0.0	0.0					--	--	24						
25	20	3	--	--	--		(EX) SPECIALS LAB COND 2	0.0	0.0					3	30	26						
27	--	--	--	--	--		(EX) SPECIALS LAB COND 2							--	--	28						
29	--	--	--	--	--		(EX) SPECIALS LAB COND 2							--	--	30						
<b>TOTALS:</b>								CONNECTED KVA PER PHASE			0			0			CONNECTED TOTAL KVA =			0		
								CONNECTED AMPS PER PHASE			0			0			AVERAGE CONNECTED AMPS PER PHASE =			0		
NEC DIVERSIFIED LOAD CALCULATIONS																						
LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL KVA = 0																						
RECEPTACLES: - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 0																						
ALL OTHER LOADS @ 100%: 0.0 kVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC																						
BKR: GF=GFCL, GF3=30mA GFCL CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCL, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCL																						

PANEL: "1EDD"(EXISTING)																									
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		FED FROM:	CABINET:	LOCATION:	NOTES:			ACCESSORIES:													
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		600 AMPERE MAIN LUGS		LD1D	SURFACE					PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR													
AIC RATING: (EXISTING)																									
CKT NO	AMP	POLE	BKR	LOAD (kVA)	PHASE LOAD			DESCRIPTION	LOAD (kVA)	PWR	LTG	BKR	POLE	AMP	CKT NO										
					A	B	C																		
1	80	3	--	0.0	0.0	0.0	(EX) PANEL 1E3	0.0	1.1					1	20	2									
3	--	--	--	--	--	--	(EX) CHILD LIFE 161							1	20	4									
5	--	--	--	--	--	--	CO ROOM 143, 142, 141, 153	0.9	0.0	0.0				1	20	6									
7	100	3	--	--	--		CO ROOM 125, 124	1.4	0.0	0.0	1.4			1	20	8									
9	--	--	--	--	--		CO ROOM 123, 122	1.4	0.0	0.0				1	20	10									
11	--	--	--	--	--		CO RM 121, 112	1.3	0.0	0.0				1	20	12									
13	100	3	--	--	--		(EX) SPACE							1	--	14									
15	--	--	--	--	--		(EX) SPACE							1	--	16									
17	--	--	--	--	--		(EX) SPACE							1	--	18									
19	100	3	--	--	--		(EX) SPARE	0.0	--	--				1	--	20									
21	--	--	--	--	--		(EX) SPACE							1	--	22									
23	--	--	--	--	--		(EX) SPACE							1	--	24									
25	200	3	--	--	--		(EX) PANEL ED2D	0.0	--	--				1	--	26									
27	--	--	--	--	--		(EX) SPACE							1	--	28									
29	--	--	--	--	--		(EX) SPACE							1	--	30									
31	30	1	--	--	--		(EX) SPARE	0.0	--	--				1	--	32									
33	30	1	--	--	--		(EX) SPACE							1	--	34									
35	300	3	--	--	--		(EX) PANEL ED4D	0.0	--	--				1	--	36									
37	--	--	--	--	--		(EX) SPACE							1	--	38									
39	--	--	--	--	--		(EX) PANEL 1E8-LAB	0.0	0.0					3	150	40									
41	--	--	--	--	--		(EX) SPACE							1	--	42									
<b>TOTALS:</b>								CONNECTED KVA PER PHASE			3			2			1			CONNECTED TOTAL KVA =			6		
								CONNECTED AMPS PER PHASE			22			19			12			AVERAGE CONNECTED AMPS PER PHASE =			17		
NEC DIVERSIFIED LOAD CALCULATIONS																									
LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL KVA = 17																									
RECEPTACLES: 6.1 kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 17																									
ALL OTHER LOADS @ 100%: 0.0 kVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC																									
BKR: GF=GFCL, GF3=30mA GFCL CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCL, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCL																									

PANEL: "L1A"(EXISTING)																
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		FED FROM:	CABINET:	LOCATION:	NOTES:			ACCESSORIES:				
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		225 AMPERE MAIN LUGS		LD1D	SURFACE					PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR				
AIC RATING: (EXISTING)																
CKT NO	AMP															

PANEL: "L10"(EXISTING)																
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		FED FROM:		CABINET:		LOCATION:		NOTES:				
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		225 AMPERE MAIN LUGS		LD1D		SURFACE								
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR																
CKT NO	AMP	POLE	BKR	LOAD (KVA)			PHASE LOAD			LOAD (KVA)			OCP	CKT NO		
				LTG	PWR	CO	A	B	C	CO	PWR	LTG			BKR	POLE
1	20	1	--	--	--	--	0.0	0.0						1	20	2
3	20	1	--	--	--	--								1	20	4
5	20	1	--	--	--	--								1	20	6
7	20	1	--	--	--	--	0.0	0.0						1	20	8
9	20	1	--	--	--	--								1	20	10
11	20	1	--	--	--	--								1	20	12
13	20	1	--	--	--	--	0.0	0.0						1	20	14
15	20	1	--	--	--	--								1	20	16
17	20	1	--	--	--	--								1	20	18
19	20	1	--	--	--	--	0.0	0.0						1	20	20
21	20	1	--	0.0	0.3	0.0								1	20	22
23	20	1	--	--	--	--								1	20	24
25	20	1	--	--	--	--	0.0	0.0						1	20	26
27	20	1	--	0.0	1.0	0.0								1	20	28
29	20	1	--	--	--	--								1	20	30
31	20	1	--	--	--	--	0.0	0.0						1	20	32
33	20	1	--	--	--	--								1	20	34
35	20	1	--	0.0	0.0	1.1								1	20	36
37	50	2	--	--	--	--								1	20	38
39	--	--	--	--	--	--								1	20	40
41	20	1	--	0.0	0.0	1.3								1	20	42
<b>TOTALS:</b>				CONNECTED KVA PER PHASE			CONNECTED TOTAL KVA =			CONNECTED KVA PER PHASE			CONNECTED TOTAL KVA =			
				0			4			0			4			
				CONNECTED AMPS PER PHASE			AVERAGE CONNECTED AMPS PER PHASE =			CONNECTED AMPS PER PHASE			AVERAGE CONNECTED AMPS PER PHASE =			
				0			13			2			10			
NEC DIVERSIFIED LOAD CALCULATIONS																
LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL KVA = 4																
RECEPTACLES: 2.3 KVA @ 100% = 2.3 KVA - FIRST 10KVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 10																
ALL OTHER LOADS @ 100%: 1.3 KVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC																
BKR: GF=GFCCI, GF3=30mA GFCCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCCI																

PANEL: "L1P"(EXISTING)																
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		FED FROM:		CABINET:		LOCATION:		NOTES:				
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		225 AMPERE MAIN LUGS		LD1D		SURFACE								
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR																
CKT NO	AMP	POLE	BKR	LOAD (KVA)			PHASE LOAD			LOAD (KVA)			OCP	CKT NO		
				LTG	PWR	CO	A	B	C	CO	PWR	LTG			BKR	POLE
1	20	1	--	--	--	--	0.0	0.0						1	20	2
3	20	1	--	--	--	--								1	20	4
5	20	1	--	--	--	--								1	20	6
7	20	1	--	--	--	--	0.0	0.0						1	20	8
9	20	1	--	--	--	--								1	20	10
11	20	1	--	--	--	--								1	20	12
13	20	1	--	--	--	--	0.0	0.0						1	20	14
15	20	1	--	--	--	--								1	20	16
17	20	1	--	--	--	--								1	20	18
19	20	1	--	--	--	--	0.0	0.0						1	20	20
21	20	1	--	--	--	--								1	20	22
23	20	1	--	--	--	--								1	20	24
25	20	1	--	--	--	--	0.0	0.0						1	20	26
27	20	1	--	--	--	--								1	20	28
29	20	1	--	--	--	--								1	20	30
31	20	1	--	--	--	--	0.0	0.0						1	20	32
33	20	1	--	--	--	--								1	20	34
35	20	1	--	--	--	--								1	20	36
37	20	1	--	0.0	0.9	0.9								1	20	38
39	20	1	--	0.0	0.0	1.3								1	20	40
41	20	1	--	0.0	0.0	0.4								1	20	42
<b>TOTALS:</b>				CONNECTED KVA PER PHASE			CONNECTED TOTAL KVA =			CONNECTED KVA PER PHASE			CONNECTED TOTAL KVA =			
				3			9			3			9			
				CONNECTED AMPS PER PHASE			AVERAGE CONNECTED AMPS PER PHASE =			CONNECTED AMPS PER PHASE			AVERAGE CONNECTED AMPS PER PHASE =			
				26			24			21			27			
NEC DIVERSIFIED LOAD CALCULATIONS																
LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL KVA = 9																
RECEPTACLES: 7.6 KVA @ 100% = 7.6 KVA - FIRST 10KVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 24																
ALL OTHER LOADS @ 100%: 1.2 KVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC																
BKR: GF=GFCCI, GF3=30mA GFCCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCCI																

PANEL: "L1W"(EXISTING)																
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		FED FROM:		CABINET:		LOCATION:		NOTES:				
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		225 AMPERE MAIN LUGS		LD1D		SURFACE								
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR																
CKT NO	AMP	POLE	BKR	LOAD (KVA)			PHASE LOAD			LOAD (KVA)			OCP	CKT NO		
				LTG	PWR	CO	A	B	C	CO	PWR	LTG			BKR	POLE
1	35	2	--	--	--	--	0.0	0.0						1	20	2
3	--	--	--	--	--	--								1	20	4
5	20	1	--	0.0	0.3	1.1								1	20	6
7	20	1	--	--	--	--	0.0	0.0						1	20	8
9	20	1	--	--	--	--								1	20	10
11	20	1	--	--	--	--								1	20	12
13	20	1	--	--	--	--	0.0	0.0						1	20	14
15	20	1	--	--	--	--								1	20	16
17	20	1	--	--	--	--								1	20	18
19	20	1	--	--	--	--	0.0	0.0						1	20	20
21	20	1	--	--	--	--								1	20	22
23	20	1	--	--	--	--								1	20	24
25	20	1	--	--	--	--	0.0	0.0						1	20	26
27	20	1	--	--	--	--								1	20	28
29	20	1	--	--	--	--								1	20	30
31	20	1	--	--	--	--	0.0	0.0						1	20	32
33	30	1	--	--	--	--								1	20	34
35	30	1	--	--	--	--								1	20	36
37	20	1	--	--	--	--	0.0	0.4						1	20	38
39	30	1	--	--	--	--								1	20	40
41	20	1	--	--	--	--								1	20	42
<b>TOTALS:</b>				CONNECTED KVA PER PHASE			CONNECTED TOTAL KVA =			CONNECTED KVA PER PHASE			CONNECTED TOTAL KVA =			
				0			4			0			4			
				CONNECTED AMPS PER PHASE			AVERAGE CONNECTED AMPS PER PHASE =			CONNECTED AMPS PER PHASE			AVERAGE CONNECTED AMPS PER PHASE =			
				3			12			21			16			
NEC DIVERSIFIED LOAD CALCULATIONS																
LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL KVA = 4																
RECEPTACLES: 2.7 KVA @ 100% = 2.7 KVA - FIRST 10KVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 12																
ALL OTHER LOADS @ 100%: 1.6 KVA - MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC																
BKR: GF=GFCCI, GF3=30mA GFCCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCCI																

PANEL: "L12"(EXISTING)																
VOLTS/PHASE/WIRE:		PANEL SIZE & TYPE:		MAIN SIZE AND TYPE:		FED FROM:		CABINET:		LOCATION:		NOTES:				
120/208V, 3 PH 4 WIRE		22" W x 6" D, BOLT-ON		225 AMPERE MAIN LUGS		LD1D		SURFACE								
ACCESSORIES: PANEL DIRECTORY, IDENTIFICATION, GROUNDING BAR																
CKT NO	AMP	POLE	BKR	LOAD (KVA)			PHASE LOAD			LOAD (KVA)			OCP	CKT NO		
				LTG	PWR	CO	A	B	C	CO	PWR	LTG			BKR	POLE
1	20	1	--	--	--	--	0.0	0.0						1	20	2
3	20	1	--	--	--	--								1	20	4
5	20	1	--	--	--	--								1	20	6
7	20	1	--	--	--	--	0.0	0.0						1	20	8
9	20	1	--	--	--	--								1	20	10
11	20	1	--	--	--	--								1	20	12
13	20	1	--	--	--	--	0.0	0.0						1	20	14
15	20	1	--	0.0	1.0	0.0								1	20	16
17	20	1	--	--	--	--								1	20	18
19	20	1	--	0.0	0.9	0.9								1	20	20
21	20	1	--	0.0	0.0	1.1								1	20	22
23	20	1	--	0.0	0.0	0.9								1	20	24
25	20	1	--	--	--	--	0.0	1.0						1	20	26
27	20	1	--	--	--	--								1	20	28
29	20	1	--	--	--	--								1	20	30
31	20	1	--	0.0	0.0	1.4								1	20	32
33	20	1	--	0.0	0.0	0.9								1	20	34
35	20	1	--	--	--	--								1	20	36
37	20	1	--	--	--	--	0.0	0.0						1	20	38
39	20	1	--	--	--	--								1	20	40
41	20	1	--	--	--	--								1	20	42
<b>TOTALS:</b>				CONNECTED KVA PER PHASE			CONNECTED TOTAL KVA =			CONNECTED KVA PER PHASE			CONNECTED TOTAL KVA =			
				5			15			5			15			
				CONNECTED AMPS PER PHASE			AVERAGE CONNECTED AMPS PER PHASE =			CONNECTED AMPS PER PHASE			AVERAGE CONNECTED AMPS PER PHASE =			
				44												

**GENERAL SHEET NOTES**

**SHEET KEYNOTES**

- 1 PROVIDE LIGHT FIXTURE WITH GENERATOR TRANSFER DEVICE (BOJINGE GTD OR EQUIVALENT) FOR AUTOMATIC CONNECTION TO LIFE SAFETY BRANCH CIRCUIT UPON LOSS OF NORMAL POWER.
- 2 EXTEND AND CONNECT TO NORMAL POWER LIGHTING CIRCUIT SERVING ADJACENT CORRIDOR.
- 3 PROVIDE BID ALTERNATE PRICING FOR TX-1 LIGHT FIXTURES AND ASSOCIATED DMX CONTROLLER.
- 4 EXTEND AND CONNECT TO EXISTING LIFE SAFETY LIGHTING BRANCH CIRCUIT MAINTAINED DURING DEMOLITION.
- 5 WALL MOUNTED COLOR WHEEL DMX CONTROLLER FOR COLOR CHANGING RGB LIGHT FIXTURES (TX-1). COORDINATE SELECTED DMX CONTROLLER WITH LIGHT FIXTURE SUBMITTAL.

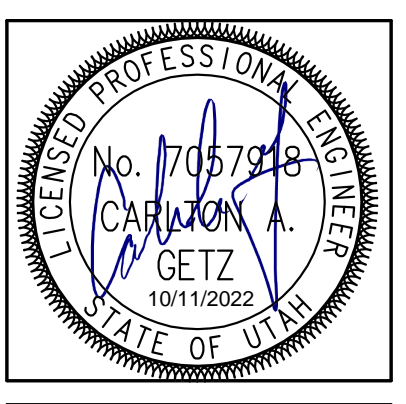
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**Primary Children's Hospital - Ultrasound**  
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PROJECT #: IHC000014.30

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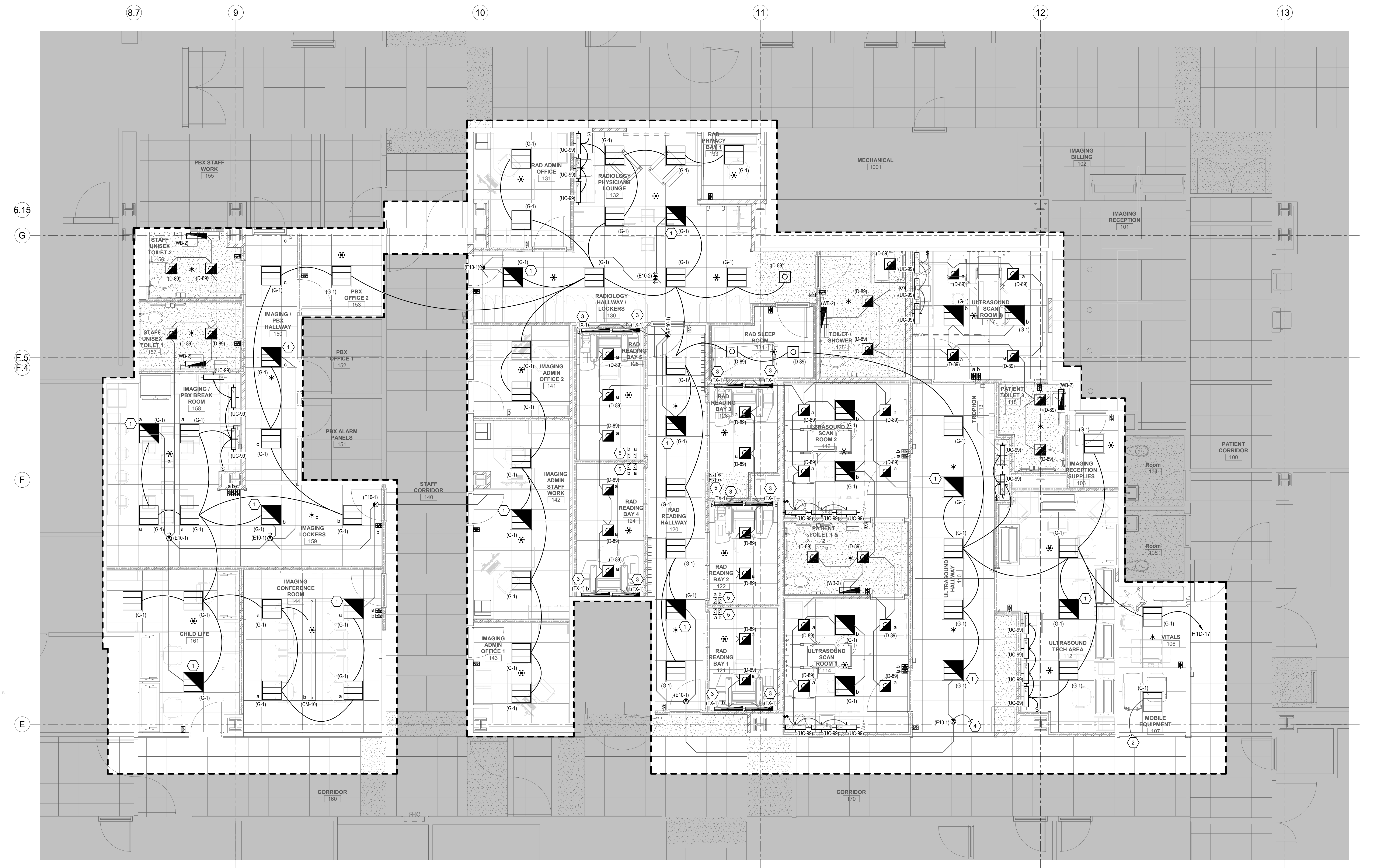
**MAIN LEVEL LIGHTING PLAN**

**EL101**

BIM 360//IHC\_014\_30 - Primary Childrens Ultrasound/210634-Elec Central.rvt

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**A6 MAIN LEVEL LIGHTING PLAN**  
 SCALE: 1/4" = 1'-0"

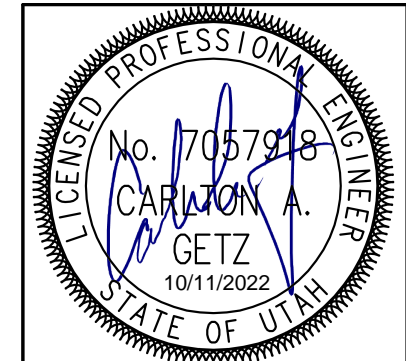


### LIGHTING FIXTURE SCHEDULE

NOTE TO BIDDERS: COMPLY WITH THE SPECIFICATIONS. REFER TO SPECIFICATIONS FOR IMPORTANT TECHNICAL REQUIREMENTS FOR LIGHTING FIXTURES, BALLASTS, AND LAMPS. THE CATALOG NUMBERS LISTED BELOW HAVE BEEN CAREFULLY PREPARED TO ASSIST BIDDERS IN SELECTING PRODUCTS TO ACHIEVE THE DESIGN CONCEPT, HOWEVER, PRIOR TO BIDDING, EACH MANUFACTURER SHALL COMPARE THE CATALOG NUMBERS SHOWN WITH THE DESCRIPTION AND REQUIREMENTS ON THE DRAWINGS, AND SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES. SPECIFICALLY INCLUDED IN THIS EVALUATION SHALL BE THE VERIFYING OF PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS. NO ALLOWANCE OR REDRESS WILL BE ALLOWED FOR DISCREPANCIES THAT WERE NOT REPORTED TO THE ARCHITECT/ENGINEER IN TIME FOR CORRECTION OR CLARIFICATION BEFORE THE BID. THE REPORTING OF ANY AMBIGUITY IS THE RESPONSIBILITY OF THE BIDDER. PROVIDE UNIT PRICES AND FIXTURE BRAND SELECTED FOR ADD/DELETE CHANGES FOR EACH FIXTURE TYPES SHOWN WITHIN 48 BUSINESS HOURS OF THE BID DATE. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY DISQUALIFY THE PRODUCTS AND EMPOWER THE ENGINEER TO DETERMINE FAIR VALUE FOR FIXTURE AND INSTALLATION CHANGES, WITHOUT FURTHER INPUT FROM THE CONTRACTOR OR INSTALLER. SUBMITTAL PACKAGE SHALL INCLUDE LAMP MANUFACTURER AND CATALOG NUMBER ON EACH FIXTURE SHEET. ON ALL PENDANT MOUNTED FIXTURES, PROVIDE A SECOND SET OF PENDANTS, OF A DIFFERENT LENGTH, AS DIRECTED BY THE ARCHITECT/ENGINEER, PROVIDED AND INSTALLED AT NO ADDITIONAL CHARGE. ALL FIXTURES SHALL BE APPROVED BY UL OR ANOTHER ACCEPTABLE TESTING LAB FOR THE PURPOSE INTENDED AND WITH THE LAMP AND BALLAST PROPOSED. CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED, CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID. ALLOWANCE PRICE MAY OR MAY NOT INCLUDE LAMP(S) OR FREIGHT AS NOTED, AND DO NOT INCLUDE ANY TAXES. UNIVERSAL VOLTAGE (120/277) BALLASTS REQUIRED UNLESS NOTED OTHERWISE. DIMENSION SEQUENCE = (LENGTH X WIDTH X DEPTH) IN INCHES.

SYMBOL		MARK		LAMP		WATTS		VOLTS		MANUFACTURER		1 NOTES		
CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	CM	
CM-10	LINEAR PENDANT FIXTURE; LED; SATIN ACRYLIC LENS; AIRCRAFT CABLE, 3500K; ~1,000 LUMENS PER LINEAR FOOT; 0-10V SOLID STATE DIMMING; PROVIDE DUST COVER; MOUNT 8'-6" A.F.F. TO BOTTOM OF FIXTURE	LED	100W	UNV	PRUDENTIAL	WV2-LED35-MOIMO-10-SAL-TMW-D3-SC-UNV-CA48-XX-DM1-0-CD	LITECONTROL	SAE106-P-LPA-10-X-SOP-C1-35K-105-4D-D01-1C-UNV-FA1-L1-NXS	LEDALITE	77-0-5-L-B-C-VA-10-M-D-E-W-N-SZ-XX-XX	PEERLESS	EGCM4L-LLP-10FT-MSL5-80CRI-30K-1700LMF-700LMF-MIN1-ZT-277-SCT-ADP10-F11-48A-C041		
D	RECESSED LED; SOLID STATE LED LIGHT ENGINE; CLASS P THERMALLY PROTECTED 0-10V SOLID STATE DIMMING DRIVER; MINIMUM SYSTEM RATED LIFE 50,000 HOURS AT 70% OUTPUT; UL LISTED FOR THROUGH-BRANCH WIRING AND DAMP LOCATION; LIGHT ENGINE, DRIVER, AND JUNCTION BOX ACCESSIBLE FROM ABOVE OR BELOW CEILING; SELF-FLANGING TRIM	LED	20W	277V	LIGHTOLIER	6RN-P8RL15-840-CD-Z10-U	PRESCOLITE	LTR-6RD-H-SL15L-DM1 / LTR-6RD-T-SL-40K-8-MD-SS-WT	HALO	HCG-15-D010-HM6-12-840-61-MD-H-WF	LITHONIA	LDN6-4015-L06-AR-LSS-MVCLT-GZ10-TRW	LITON	CH618-UED10ICR622-SW-T40
D-89	6" APERTURE; COMFORT CLEAR DIFFUSER; 4000 K COLOR TEMP LED; ~1500 LUMENS; 20 INPUT WATTS; 277V; 0-10V SOLID STATE DIMMING DRIVER; LENS; WHITE FLANGE.	LED	20W	277V	LIGHTOLIER	6RN-P8RL15-840-CD-Z10-U	PRESCOLITE	LTR-6RD-H-SL15L-DM1 / LTR-6RD-T-SL-40K-8-MD-SS-WT	HALO	HCG-15-D010-HM6-12-840-61-MD-H-WF	LITHONIA	LDN6-4015-L06-AR-LSS-MVCLT-GZ10-TRW	LITON	CH618-UED10ICR622-SW-T40
E10	EXIT SIGN; METAL HOUSING; CEILING OR WALL MOUNT PER PLANS; ARROWS/CHEVRONS PER PLANS; LED LAMPS; A/C ONLY; EDGE LIGHTED CLEAR LENS; RED LETTERS ON CLEAR BACKGROUND. MUST MEET NFPA ILLUMINATION STANDARDS.	LED	3W	120/277V	SURELIGHTS	EUX8-1-R	DUAL-LITE	LE-C-S-R-(ARROWS PER PLANS)-N-A	EMERGENSEE	SEEXLRN-HT-LR-1-C-S-AL	ISOLITE	UEL-AC-R-1C2M-MTEBR		
E10-1	EXIT SIGN; SINGLE FACE	LED	3W	120/277V	SURELIGHTS	EUX8-2-R	DUAL-LITE	LE-C-D-R-(ARROWS PER PLANS)-N-A	EMERGENSEE	SEEXLRN-HT-LR-2-M-S-AL	ISOLITE	UEL-AC-R-1C2M-MTEBR		
E10-2	EXIT SIGN; DOUBLE FACE	LED	3W	120/277V	SURELIGHTS	EUX8-1-R	DUAL-LITE	LE-C-S-R-(ARROWS PER PLANS)-N-A	EMERGENSEE	SEEXLRN-HT-LR-1-C-S-AL	ISOLITE	UEL-AC-R-1C2M-MTEBR		
G	DECORATIVE LENSED TROFFERS; RECESSED; ACRYLIC PRISMATIC LENS; EARTHQUAKE CLIPS; LED DRIVER	LED	25W	UNV	DAY-BRITE	2EVG38L840-2-D-UNV-DIM-AG	METALUX	22CZ2-34-UNV-L840-CD-1-AM-U	LITHONIA	2VTL2-33L-ADP-EZ1-LP840-AM	LITETRONICS	VLT24025		
G-1	RECESSED LED FIXTURE, 2X2, ACRYLIC DIFFUSER, ~3300 LUMENS, MULTI VOLT, 4000K, GRID MOUNTED; ANTIMICROBIAL FINISH; MINIMUM 82 CRI (~7" WIDE LENS)	LED	25W	UNV	DAY-BRITE	2EVG38L840-2-D-UNV-DIM-AG	METALUX	22CZ2-34-UNV-L840-CD-1-AM-U	LITHONIA	2VTL2-33L-ADP-EZ1-LP840-AM	LITETRONICS	VLT24025		
TX	SPECIAL FIXTURES AS INDICATED. MEET ALL REQUIREMENTS OF SPECIFICATIONS AND FIXTURE SCHEDULE. VISUAL AND FINISH APPROVAL REQUIRED.													
TX-1	3' X 3' RGBW PENDANT, WALL GRAZE OPTICS, 8 DEGREE X 8 DEGREE WHITE FINISH, MOUNT 6" FROM WALL	LED	52W	277	Lumenpulse	LOGP-RO-277-36-RGBW-8XB-ACC100-WH-DMX-RDM								
UC	LED UNDERCABINET LIGHT; LOW PROFILE 1" HIGH X 1-3/4" DEEP X LENGTH AS NOTED; EXTRUDED ALUMINUM BODY; EXTRUDED CLEAR, POLYCARBONATE LENS; INTERNAL LED DRIVER; EFFICACY GREATER THAN 40 LUMENS PER WATT; 50,000 HOUR RATED LAMP LIFE; 2700 - 3000 DEG KELVIN COLOR TEMPERATURE, WIRING COMPARTMENT; FLUSH END. CONNECTORS FOR ROW INSTALLATION (CONNECTORS ARE NOT INCLUDED IN THE FIXTURE SCHEDULE CATALOG NUMBERS - CONNECTOR CONFIGURATION TO BE FIELD DETERMINED BY CONTRACTOR PRIOR TO PURCHASE)	LED	5W	UNV	DAY-BRITE	LINCS100E-L19-935-UNV-SWH-DIM-LINCS100ICSW	AIREY THOMPSON	3HC-N-40K-18-2-3-D11	FAILSAFE	UCL-2-LD4-40-A12125-ED1D1-UNV-AM	KELVIX	UC22-3040-010V-120277-WHM / UC-WH / UC-JP-6-SET		
UC-99	SURFACE MOUNTED UNDERCABINET LIGHT FIXTURE, LED, 19" NOMINAL LENGTH, WHITE ANTIMICROBIAL FINISH, UNIVERSAL VOLTAGE, ~400 LUMENS, PROVIDE INTERCONNECT CORDS	LED	5W	UNV	DAY-BRITE	LINCS100E-L19-935-UNV-SWH-DIM-LINCS100ICSW	AIREY THOMPSON	3HC-N-40K-18-2-3-D11	FAILSAFE	UCL-2-LD4-40-A12125-ED1D1-UNV-AM	KELVIX	UC22-3040-010V-120277-WHM / UC-WH / UC-JP-6-SET		
WB	SURFACE MOUNTED LINEAR LED LED FIXTURE; UP AND DOWN LIGHTING; DUST COVER	LED	30W	UNV	MARK ARCH	S2LWID-LCB-2FT-80CRI-40K-800LMF-180CRI-I40K-1800LMF-AS-MIN1-SCT-MVOLT-WHT-ZT	PINNACLE	EX2DI-A-WHE-840HO-840HO-2-WA-U-PL2-1-0-W	STARTEK	SLJMDI-2-750-750-SD-CL-40K-80-PW-MW-U	FINELITE	HP2WM-ID-2-HV-840-TG-F-96LG-277-SC-FC-10%-MB-FE-SW	NULITE	RW2-4-B-09-L40-UNV-D-11-FFR-WH-2-DG
WB-2	WALL MOUNTED LED LINEAR FIXTURE; 2" WIDE X 24" LONG; UP AND DOWN LIGHTING (~800 LPF/~800 LPF); DUST COVER	LED	30W	UNV	MARK ARCH	S2LWID-LCB-2FT-80CRI-40K-800LMF-180CRI-I40K-1800LMF-AS-MIN1-SCT-MVOLT-WHT-ZT	PINNACLE	EX2DI-A-WHE-840HO-840HO-2-WA-U-PL2-1-0-W	STARTEK	SLJMDI-2-750-750-SD-CL-40K-80-PW-MW-U	FINELITE	HP2WM-ID-2-HV-840-TG-F-96LG-277-SC-FC-10%-MB-FE-SW	NULITE	RW2-4-B-09-L40-UNV-D-11-FFR-WH-2-DG

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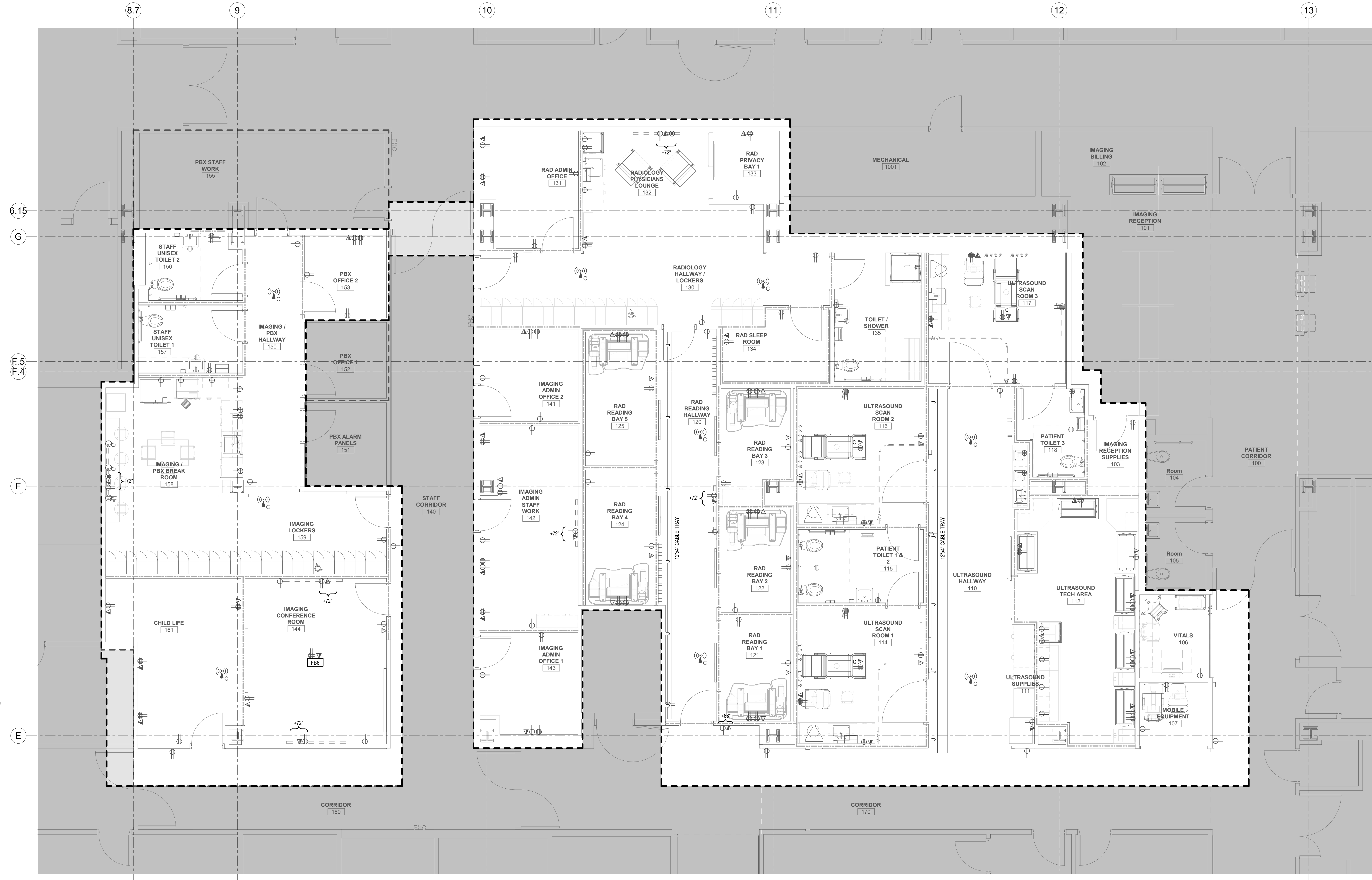
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A6

# MAIN LEVEL TELECOM PLAN

SCALE: 1/4" = 1'-0"



## GENERAL SHEET NOTES

## SHEET KEYNOTES

# JRCA

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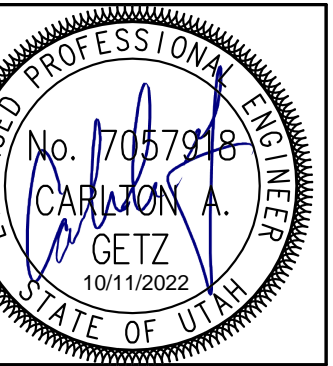
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 Primary Children's Hospital - Ultrasound  
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 SALT LAKE CITY, UTAH 84113

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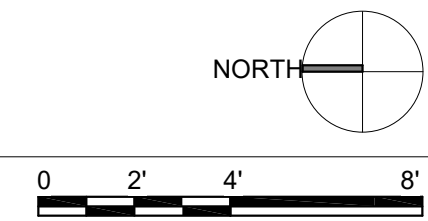
08/09/2022

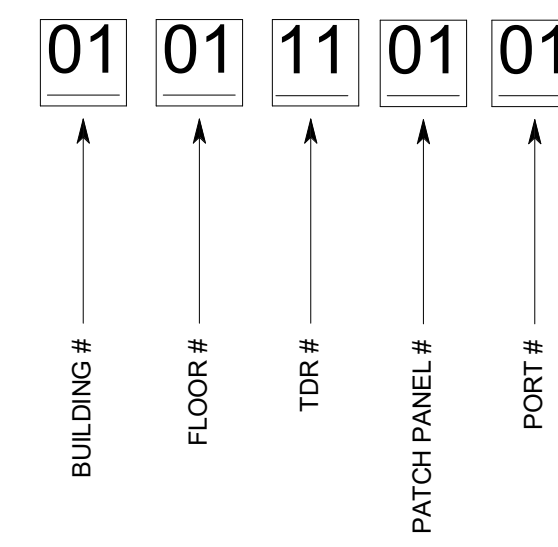
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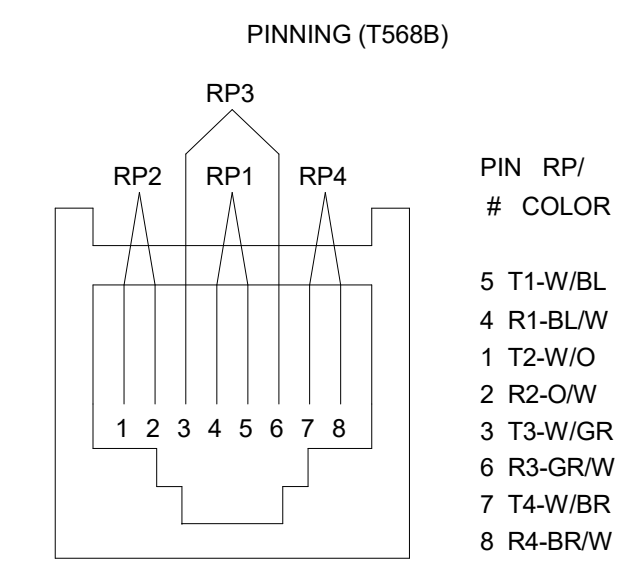
MAIN LEVEL  
TELECOM PLAN

ET101

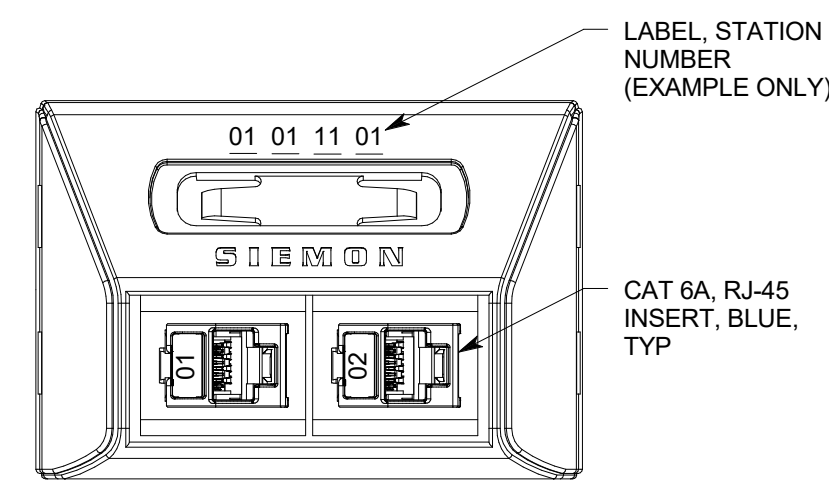




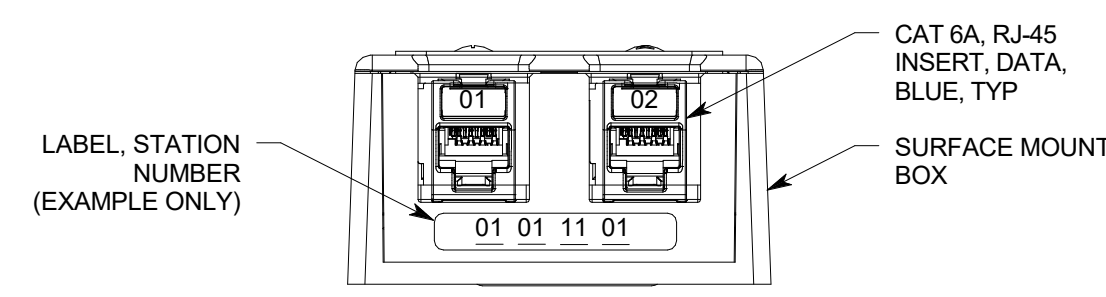
**E3** CABLE ID EXAMPLE DETAIL  
NO SCALE



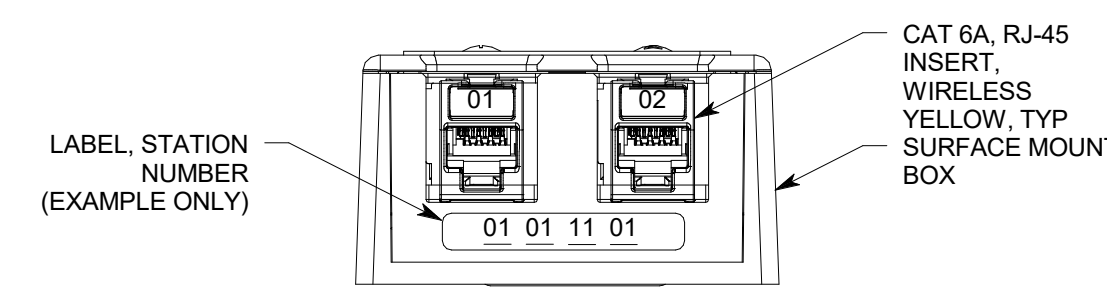
**E2** TYPICAL VOICE-DATA OUTLET PINNING DETAIL  
NO SCALE



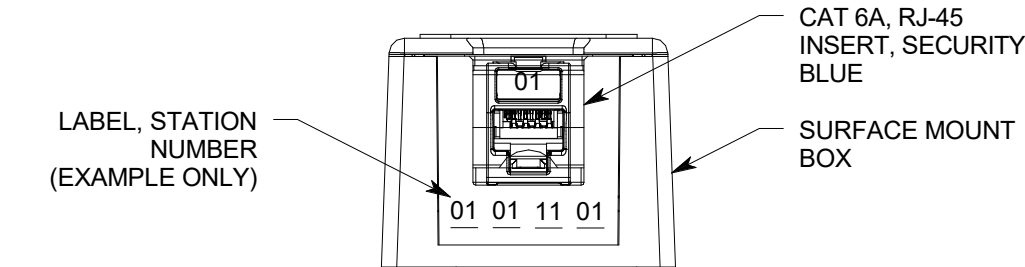
**D5** TYPICAL 2-PORT DATA OUTLET  
NO SCALE



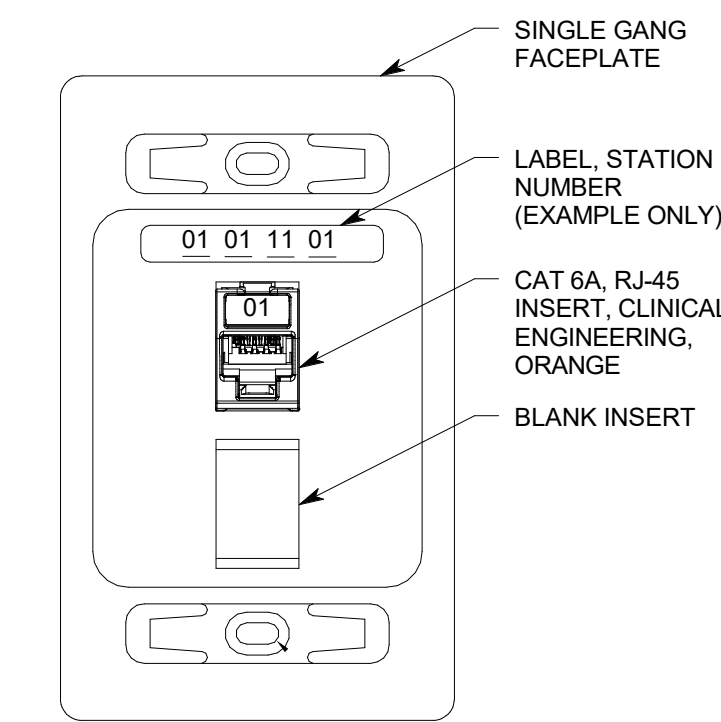
**D4** TYPICAL 2-PORT CEILING DATA OUTLET  
NO SCALE



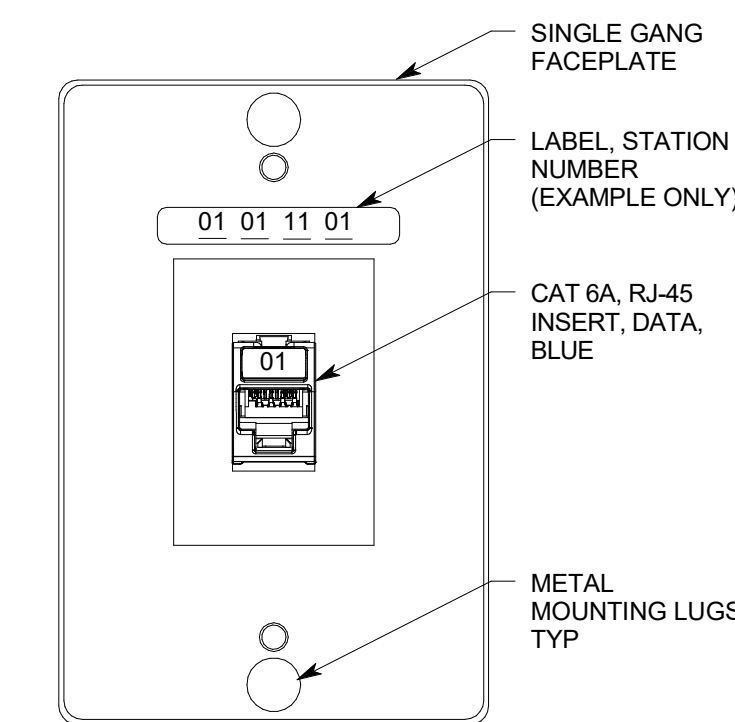
**D3** TYPICAL 'WAP' CEILING DATA OUTLET  
NO SCALE



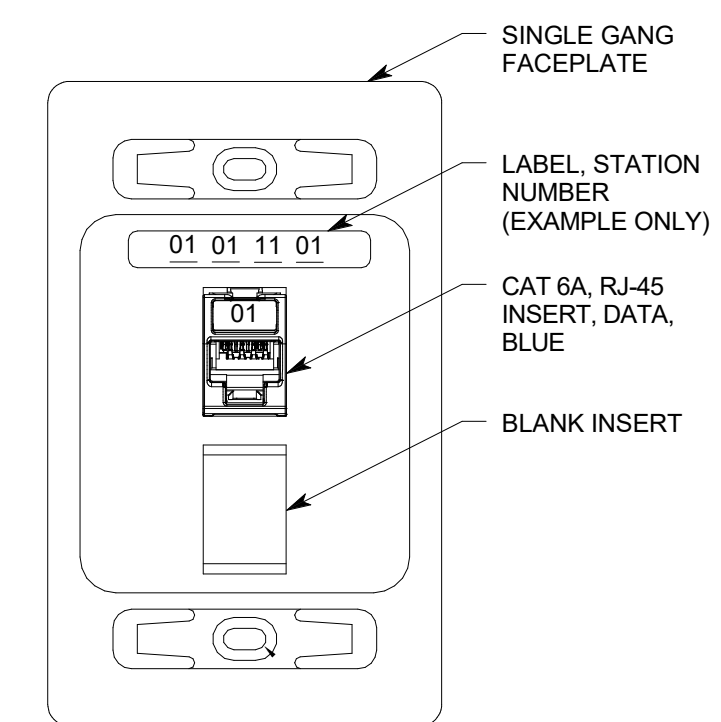
**D2** TYPICAL 1-PORT CAMERA DATA OUTLET  
NO SCALE



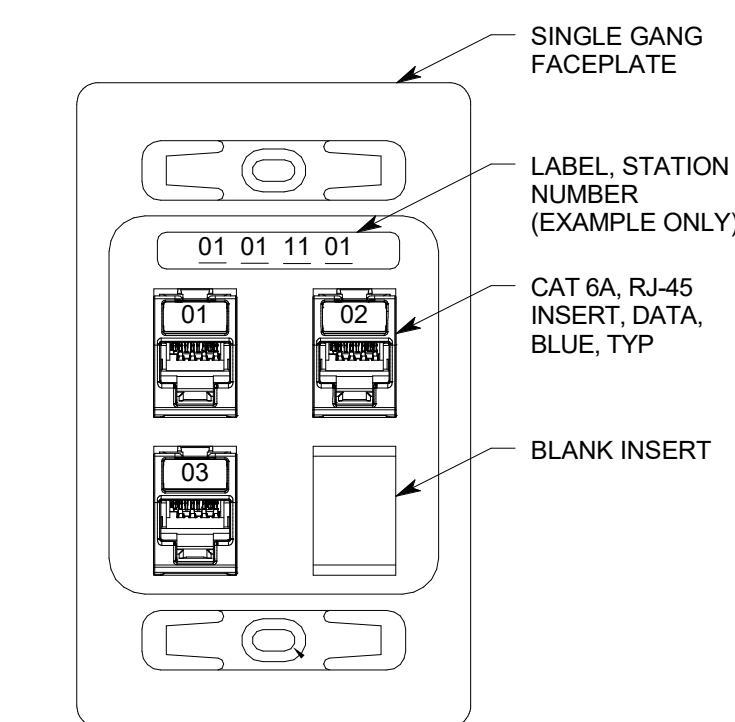
**C3** TYPICAL 1-PORT PHYS MON WALL DATA OUTLET  
NO SCALE



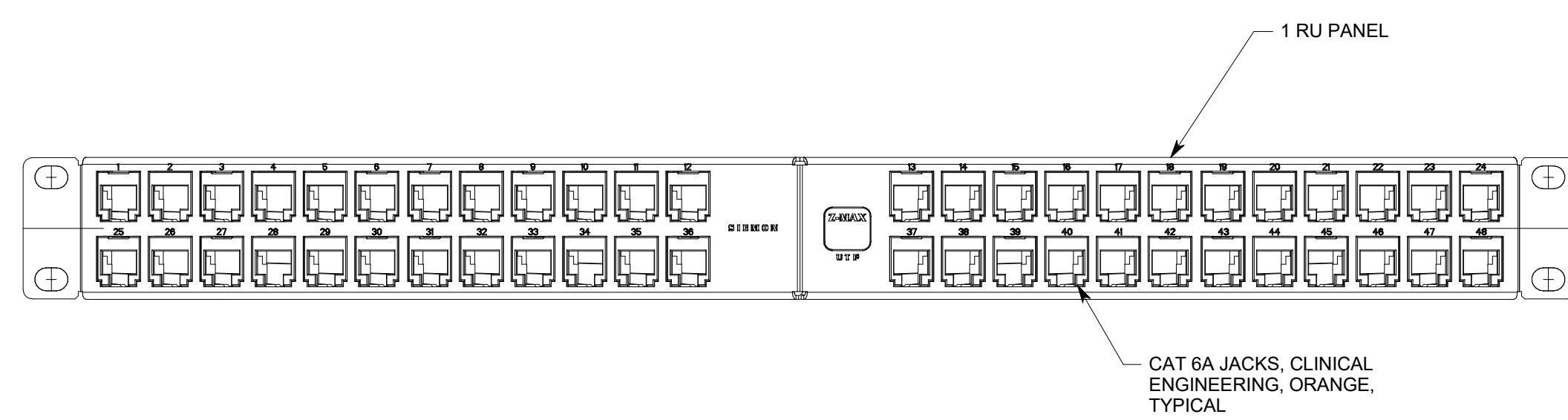
**C2** TYPICAL 1-PORT WALL PHONE OUTLET  
NO SCALE



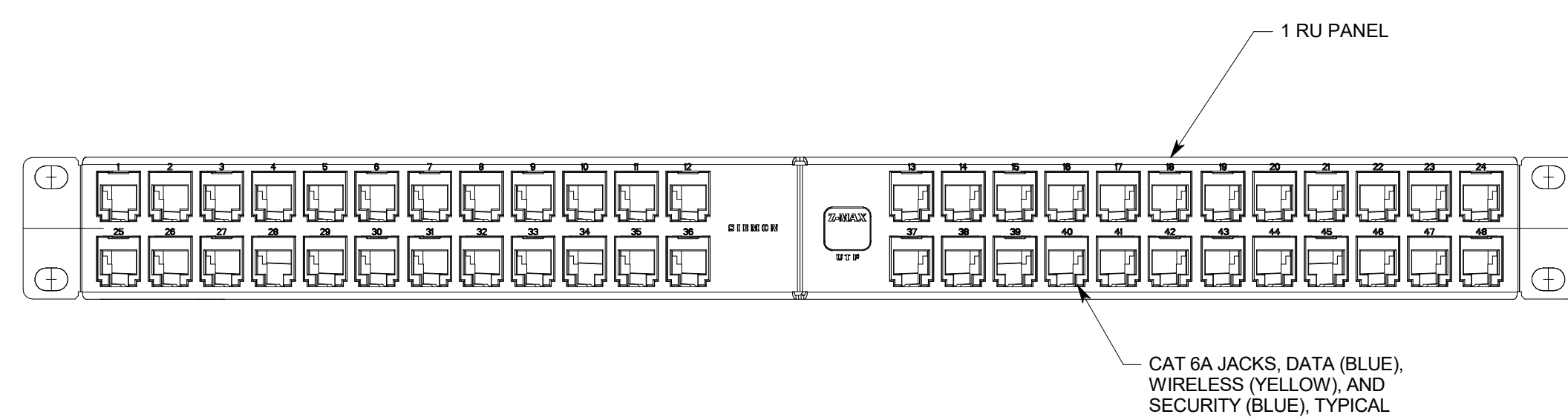
**B3** TYPICAL 1-PORT WALL DATA OUTLET  
NO SCALE



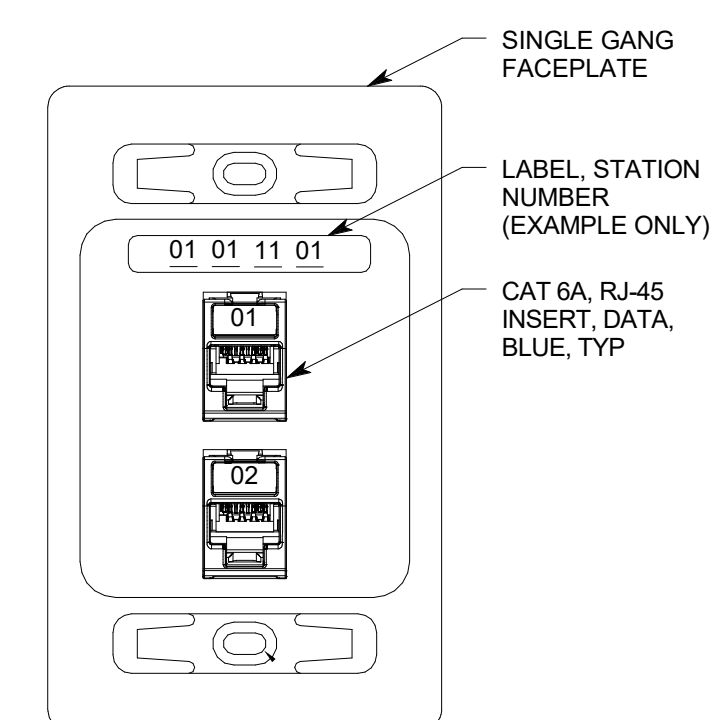
**B2** TYPICAL 3-PORT WALL DATA OUTLET  
NO SCALE



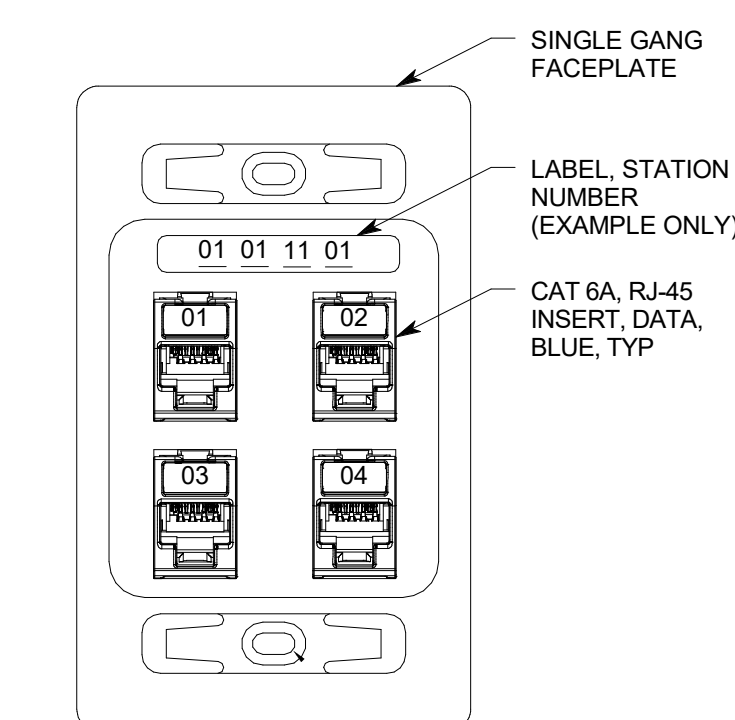
**B5** CLINICAL ENGINEERING PATCH PANEL, (CEPP1)  
NO SCALE



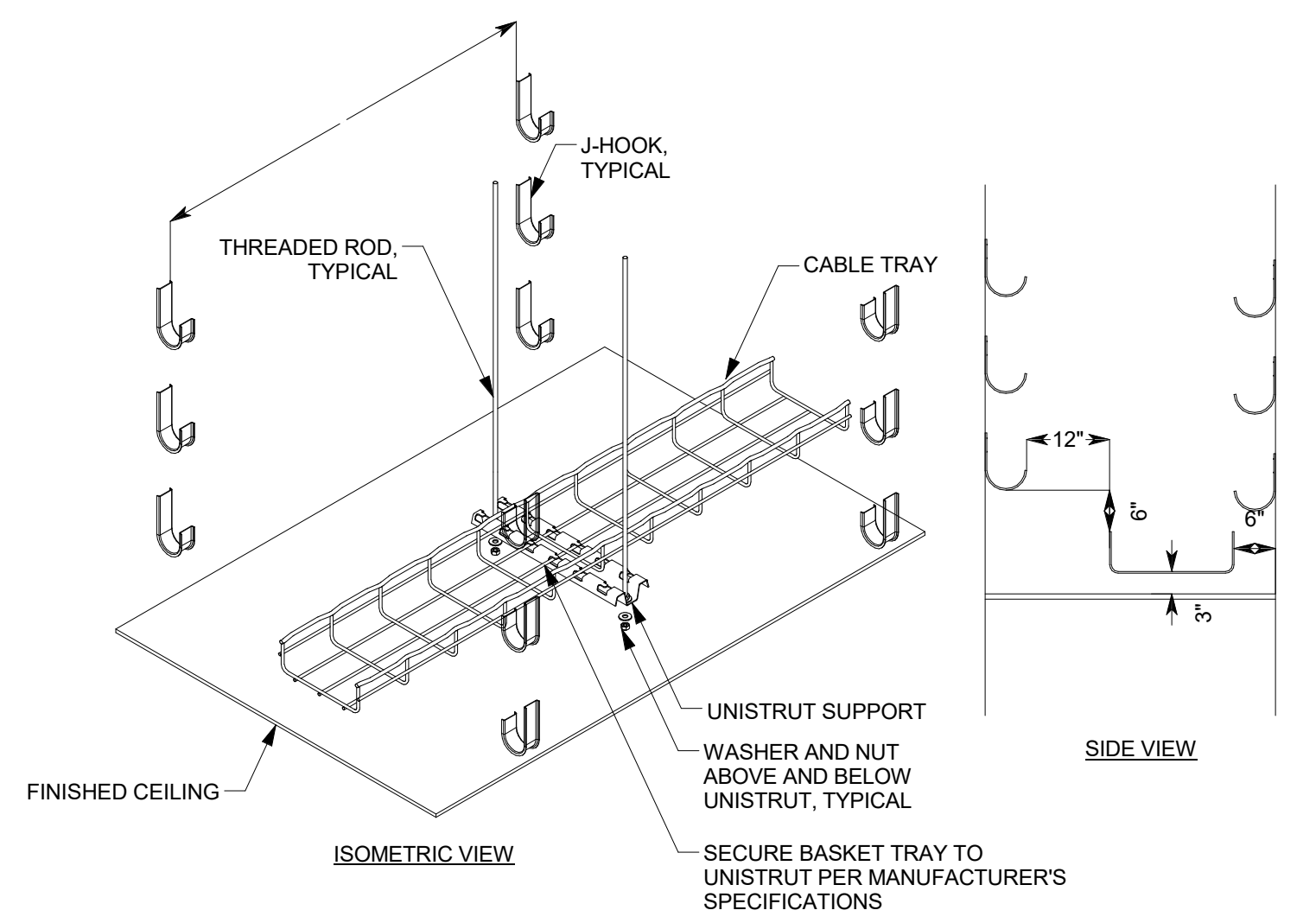
**A5** STATION PATCH PANEL, (SPP1)  
NO SCALE



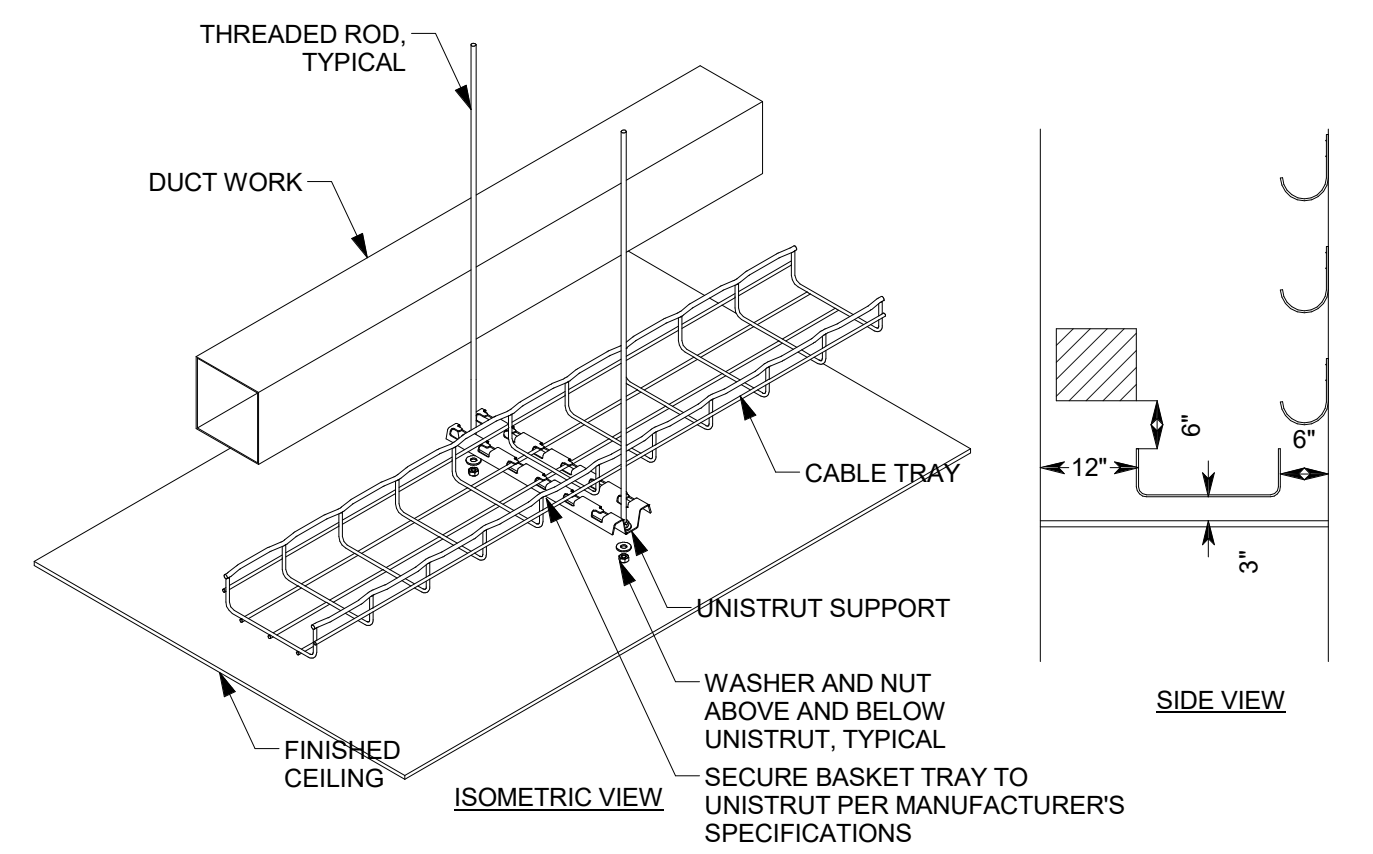
**A3** TYPICAL 2-PORT WALL DATA OUTLET  
NO SCALE



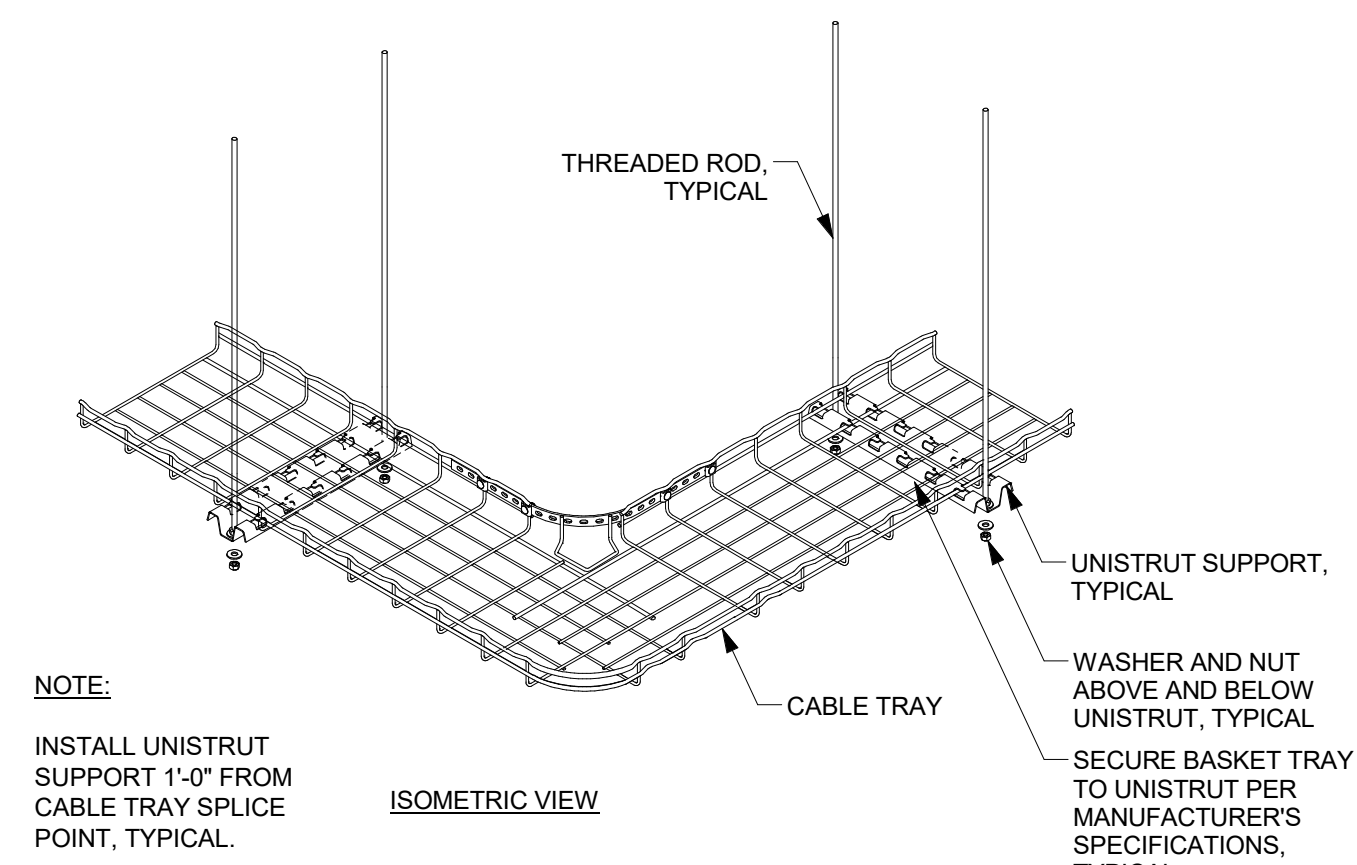
**A2** TYPICAL 4-PORT WALL DATA OUTLET  
NO SCALE



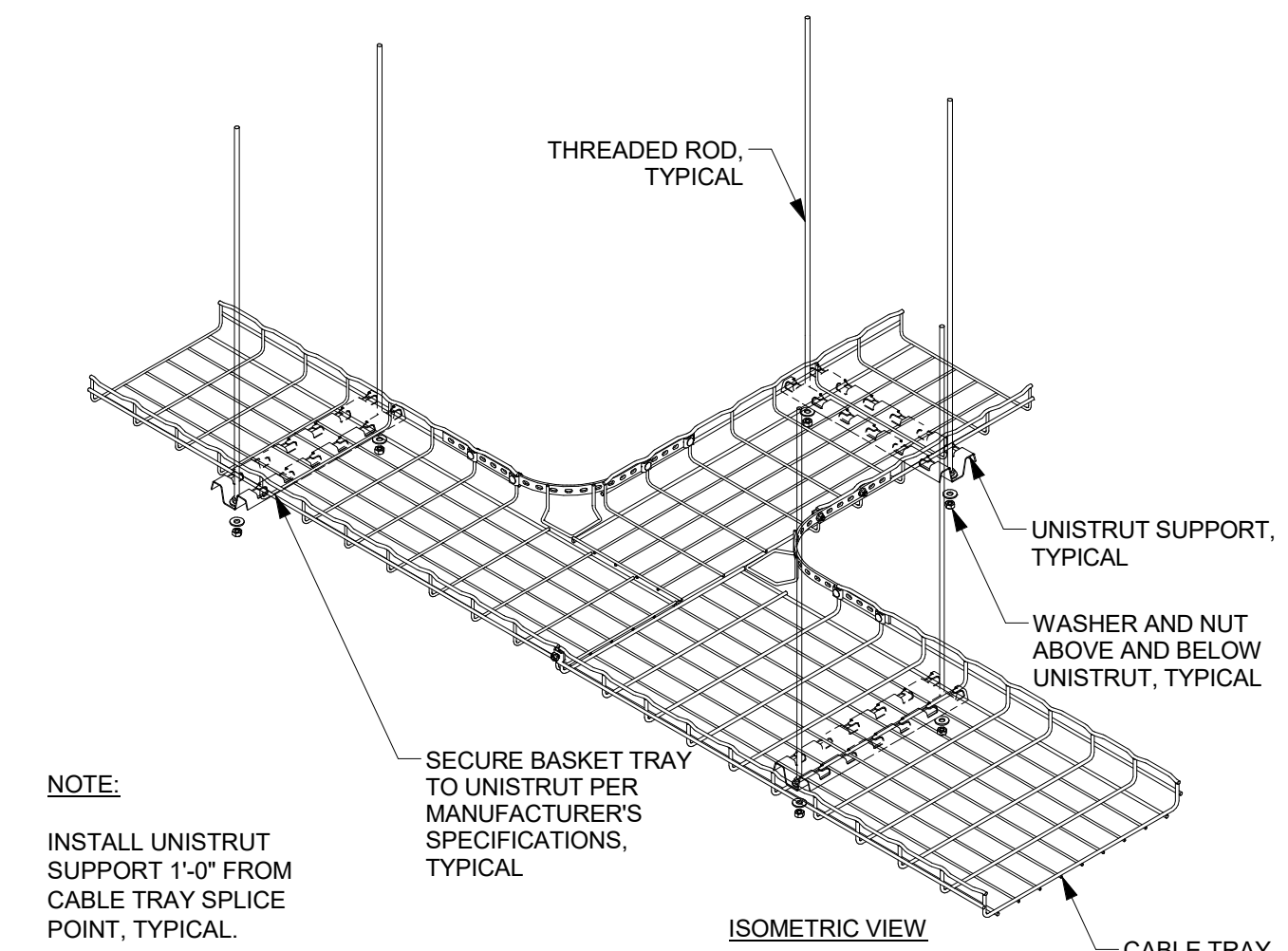
**D5** TYPICAL CABLE TRAY WITH J-HOOK INSTALL  
NO SCALE



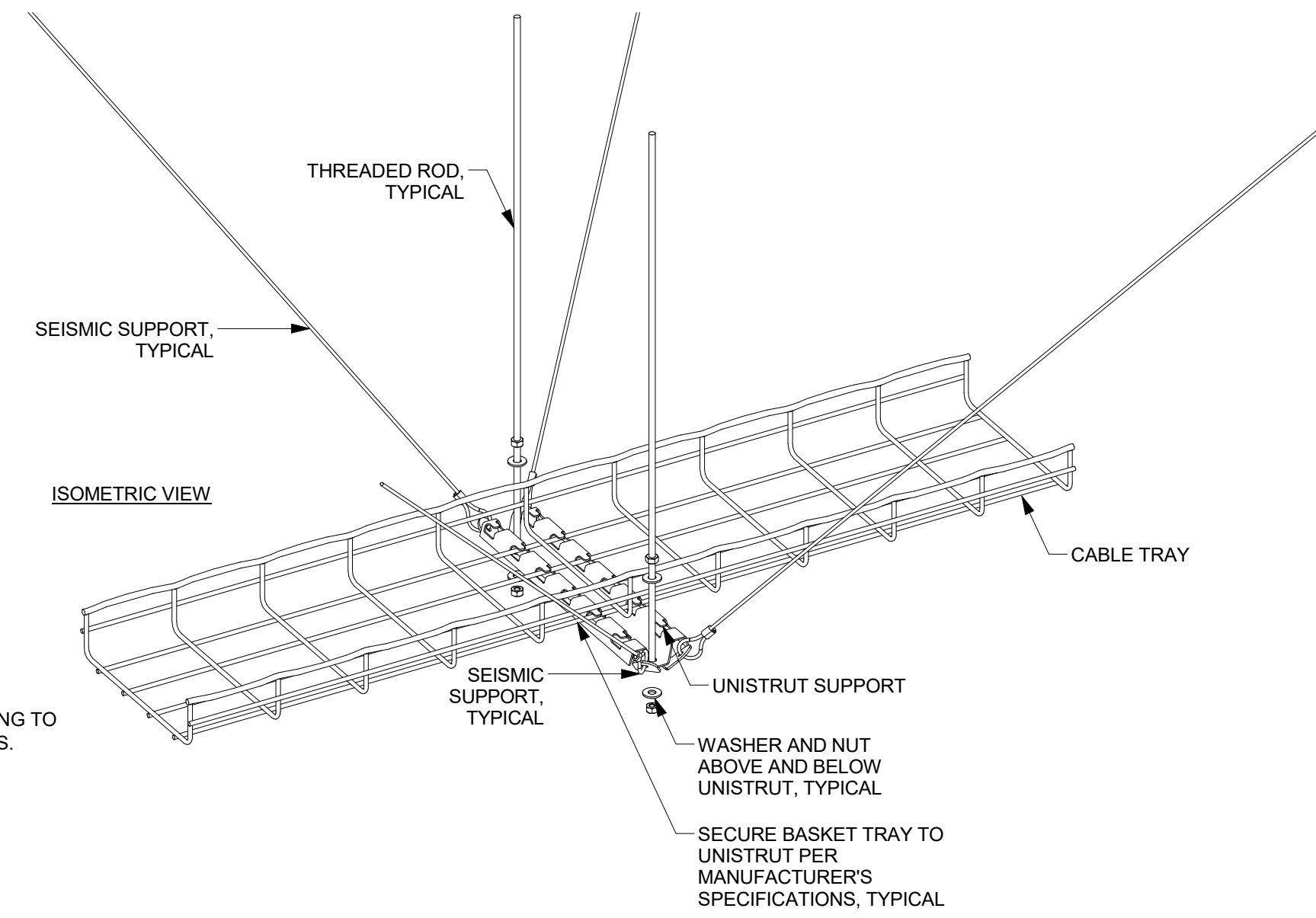
**C5** TYPICAL CABLE TRAY WITH PARALLEL OBSTRUCTION  
NO SCALE



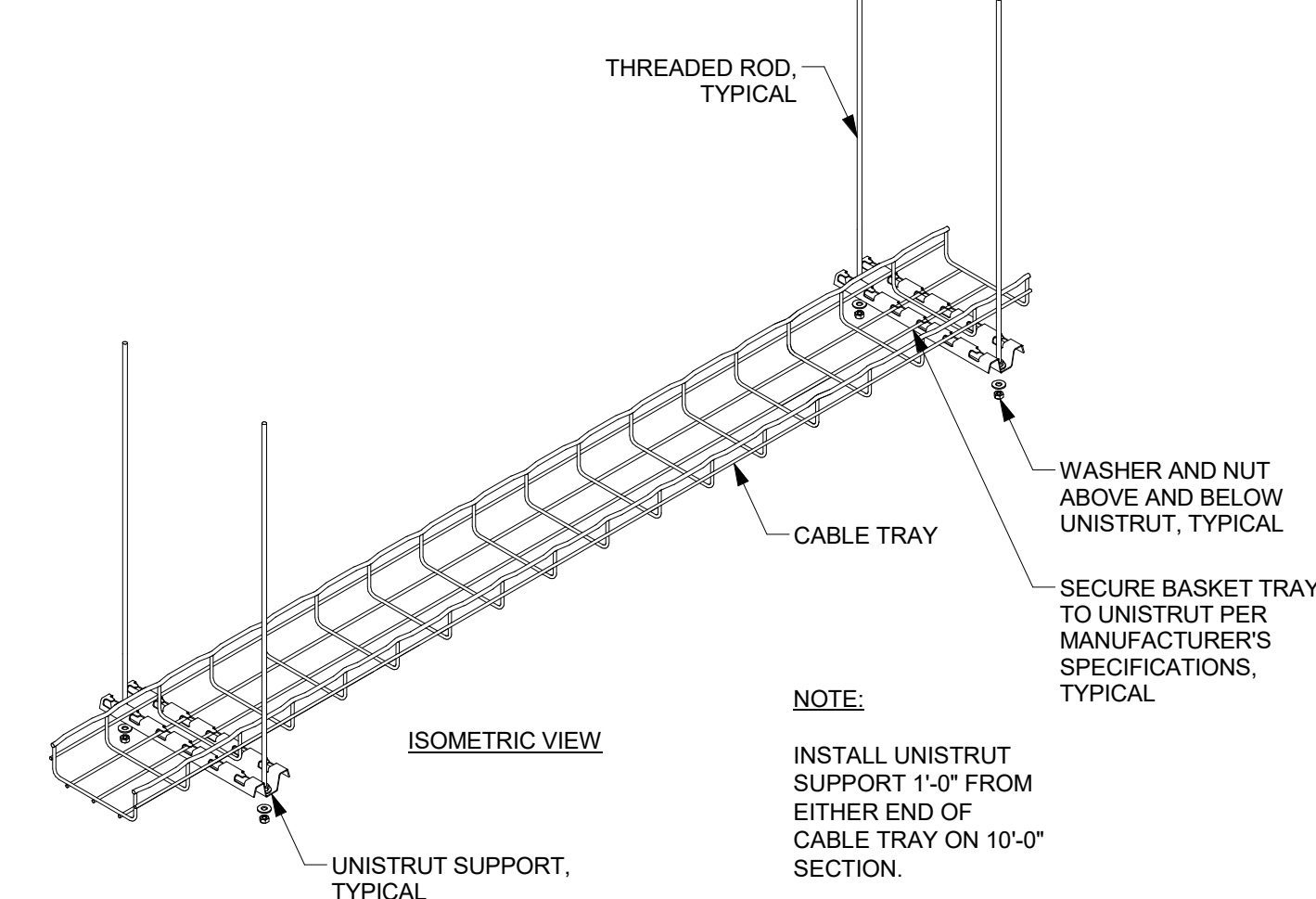
**B5** CABLE TRAY 90 DEGREE BEND WITH SUPPORTS  
NO SCALE



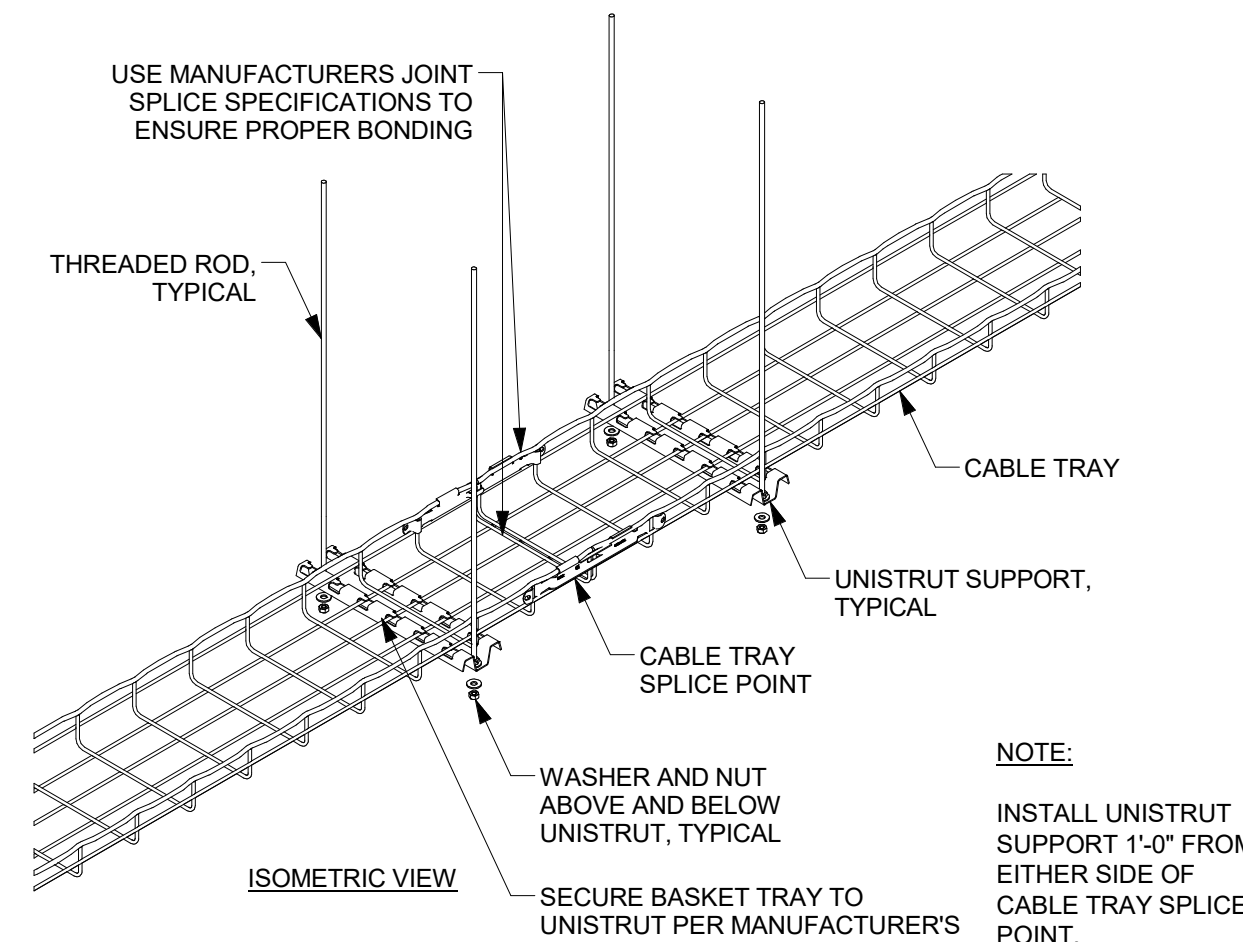
**A5** CABLE TRAY INTERSECTION WITH SUPPORTS  
NO SCALE



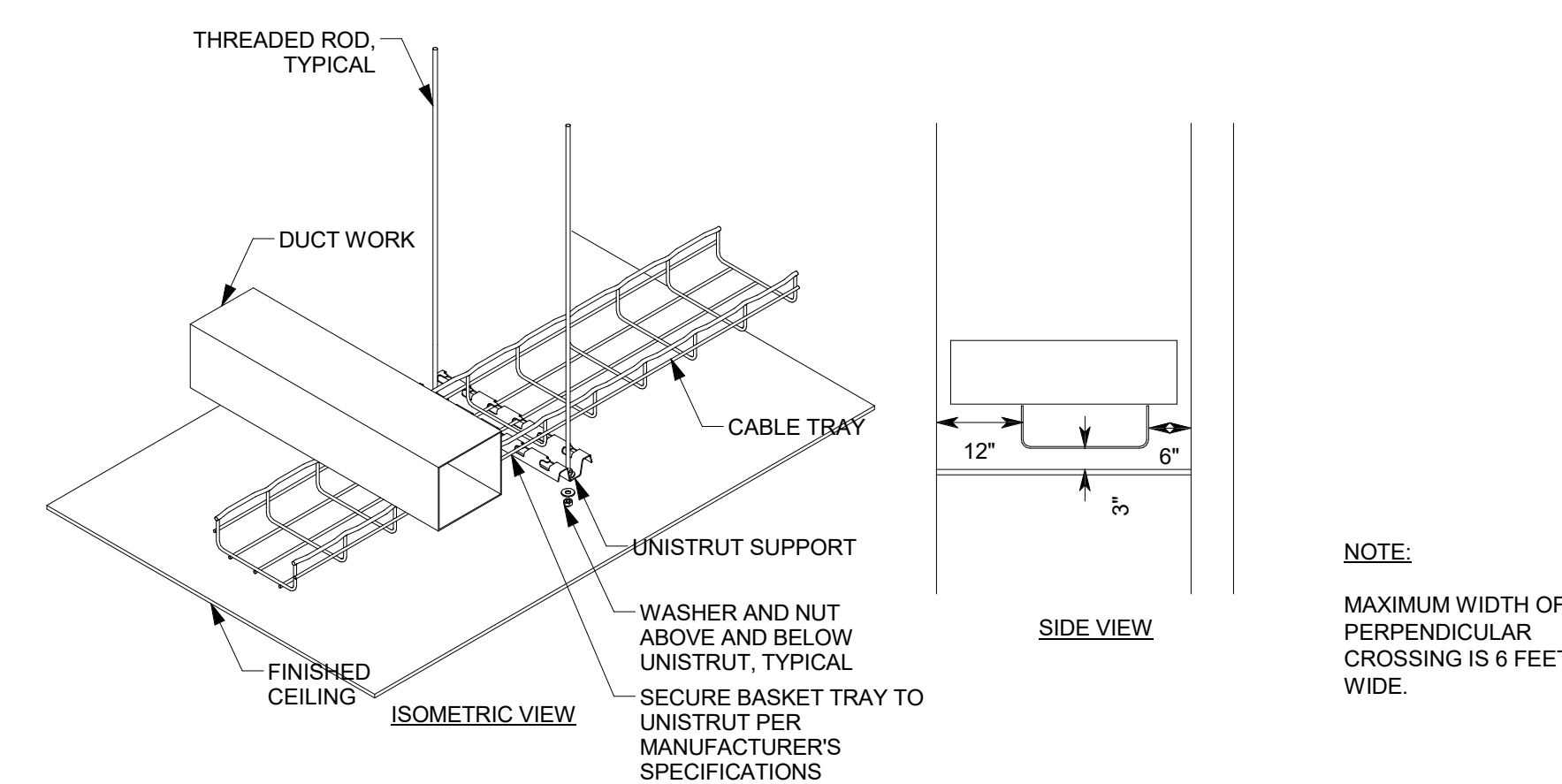
**D3** CABLE TRAY WITH SEISMIC SUPPORTS  
NO SCALE



**C3** 10' CABLE TRAY WITH SUPPORT AT ENDS  
NO SCALE

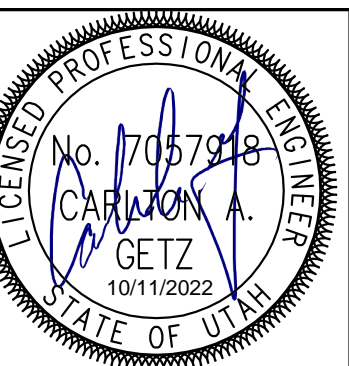


**B3** CABLE TRAY WITH SUPPORT AT SPLICE POINT  
NO SCALE



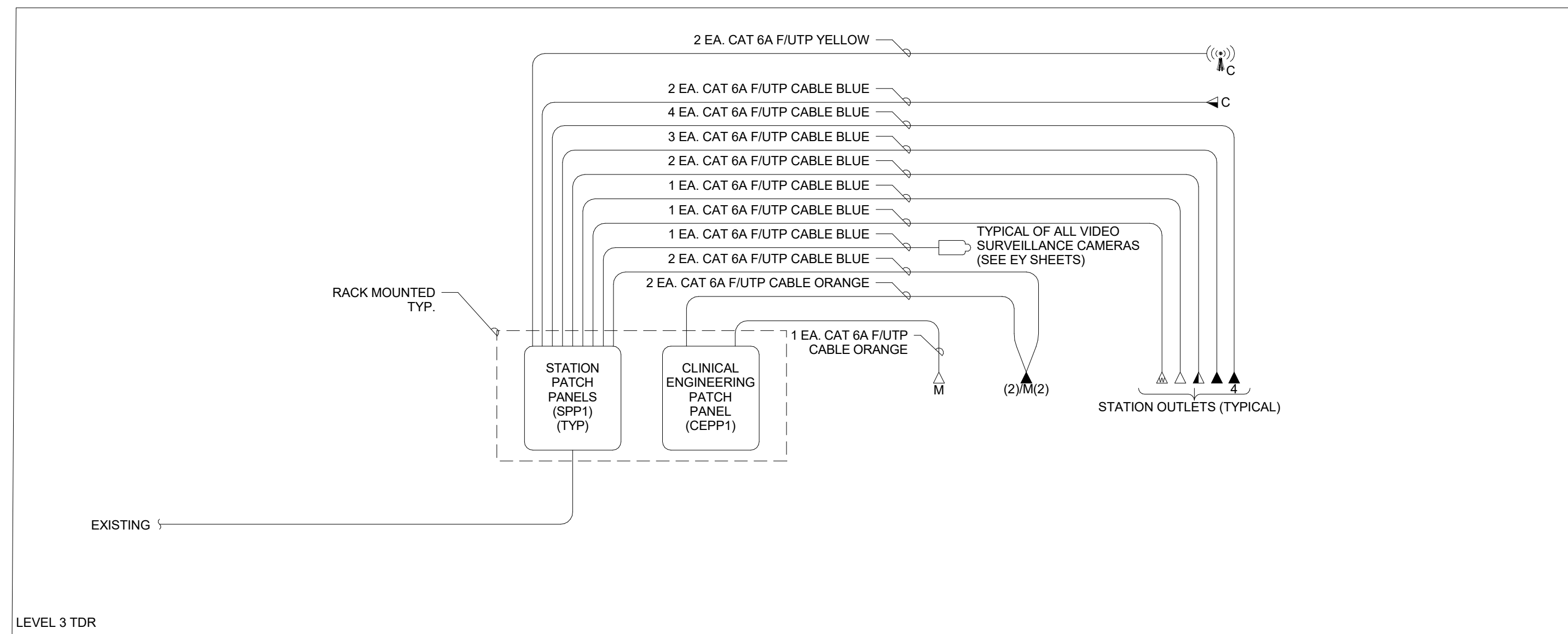
**A3** TYPICAL CABLE TRAY WITH PERPENDICULAR CROSSING  
NO SCALE

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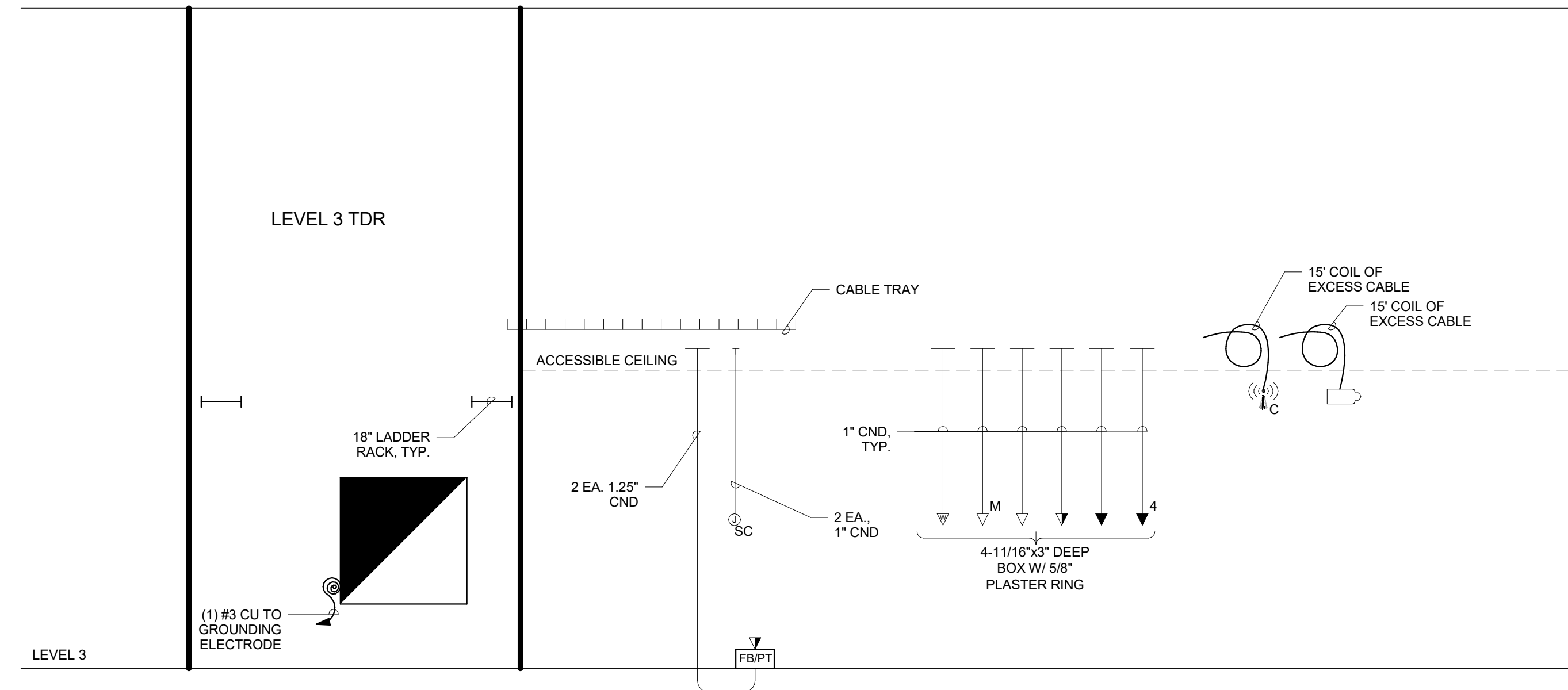
BIM 360/IIHC\_014\_30 - Primary Childrens Ultrasound/210634-Elec-Central.rvt

10/11/2022 2:20:07 PM



**A6** TELECOM CABLE RISER DIAGRAM

NO SCALE

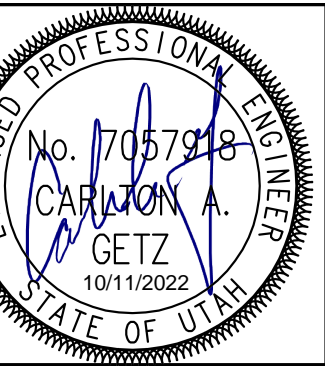


**A3** TELECOM CONDUIT RISER DIAGRAM

NO SCALE

PROJECT #: IHC000014.30

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DATE	REVISION



TELECOM  
CONDUIT RISER  
DIAGRAM

ET601







GENERAL SHEET NOTES

○ SHEET KEYNOTES

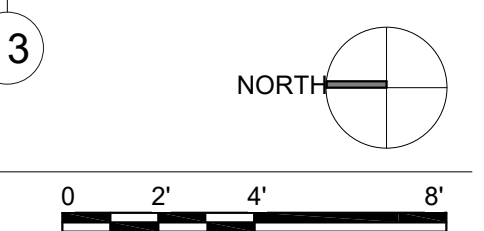
**JRCA ARCHITECTS**  
 ■ ■ ■ A Galloway Co.  
 577 South 200 East  
 SLC, Utah 84111  
 O: (801) 533-2100  
 GallowayUS.com  
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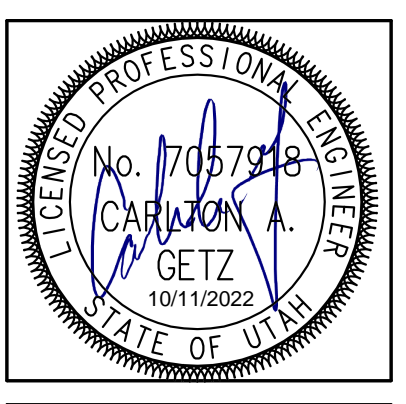
**A6 MAIN LEVEL FIRE ALARM PLAN**  
 SCALE: 1/4" = 1'-0"



**Intermountain Healthcare**  
**Primary Children's Hospital - Ultrasound**  
 100 NORTH MARIO CAPECCHI DRIVE  
 SALT LAKE CITY, UTAH 84113

PROJECT #: IHC000014.30

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MAIN LEVEL  
 FIRE ALARM  
 PLAN

**FA101**