

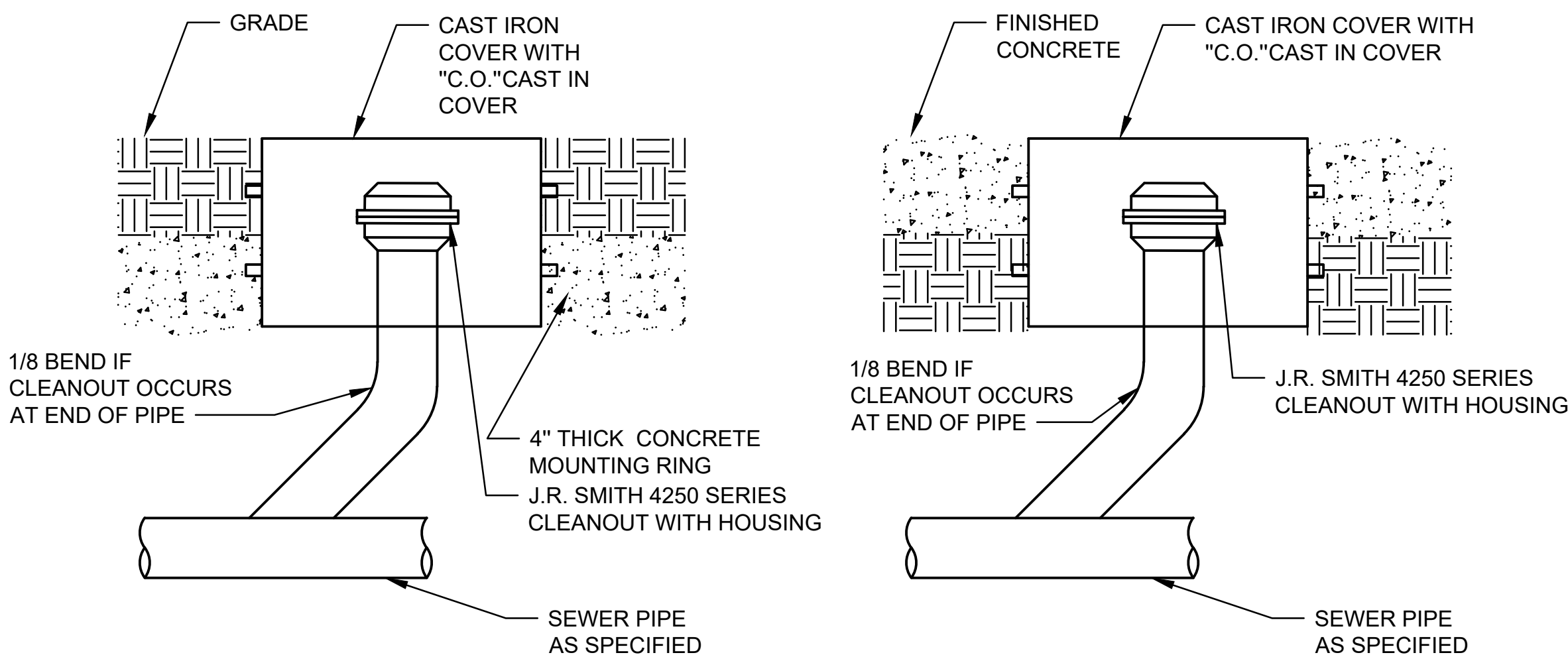
NOTE:
WATER HEATER SHALL BE ANCHORED OR STRAPPED TO RESIST
HORIZONTAL DISPLACEMENT TO MEET LOCAL CODE REQUIREMENTS.
SEE DETAIL 4/P5A.

ELECTRIC WATER HEATER DETAIL

NOT TO SCALE

PD6009

3

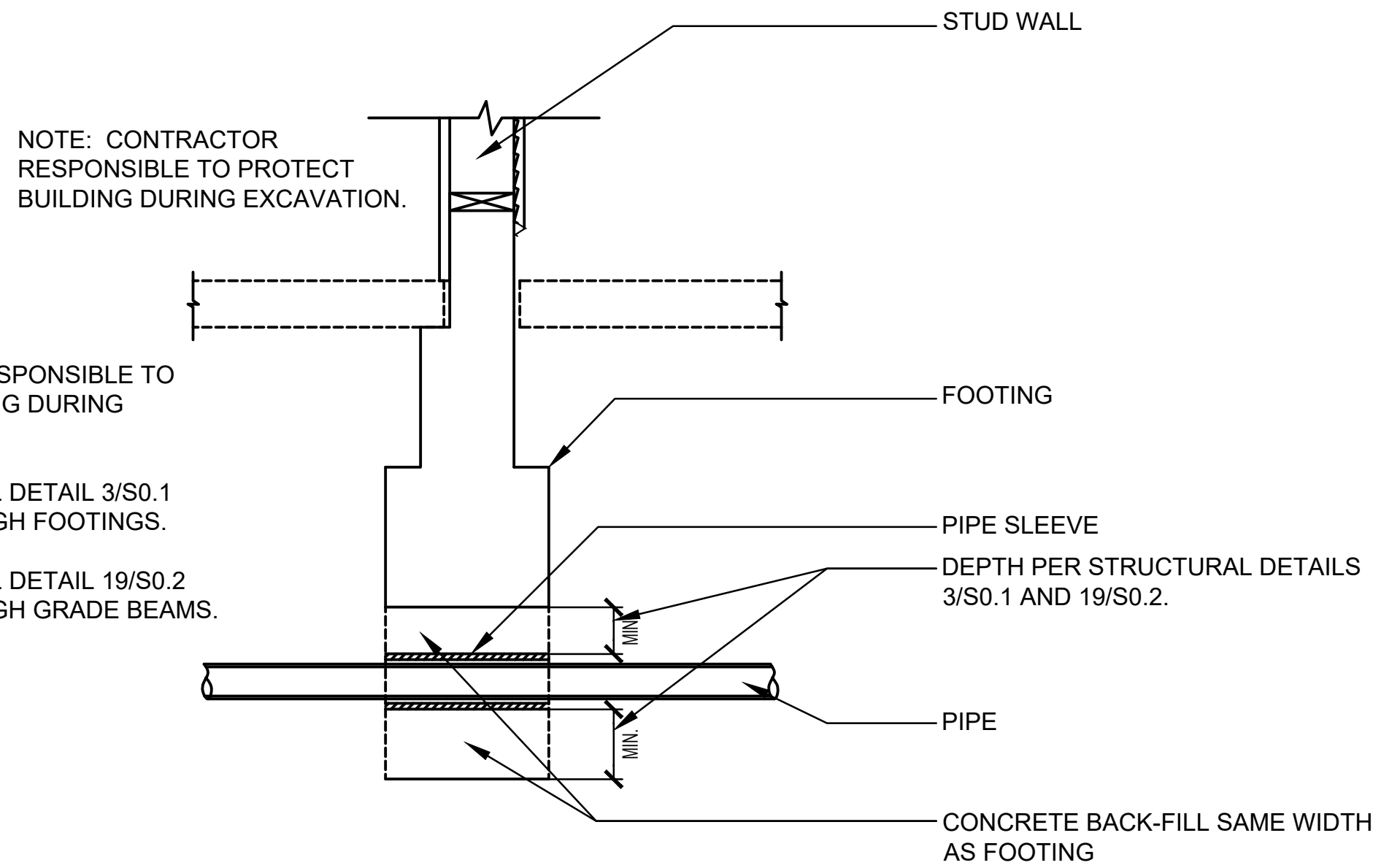


CLEANOUT OUTSIDE OF BUILDING DETAIL

NOT TO SCALE

PD6041

1



- NOTE:
1. CONTRACTOR RESPONSIBLE TO PROTECT BUILDING DURING EXCAVATION.
 2. SEE STRUCTURAL DETAIL 3/S0.1 FOR PIPE THROUGH FOOTINGS.
 3. SEE STRUCTURAL DETAIL 19/S0.2 FOR PIPE THROUGH GRADE BEAMS.

PIPE THROUGH FOOTING

NOT TO SCALE

2

Date/Rev: 10-02-23 / Rev G / Sht 1 of 1

Product Submittal	
Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	

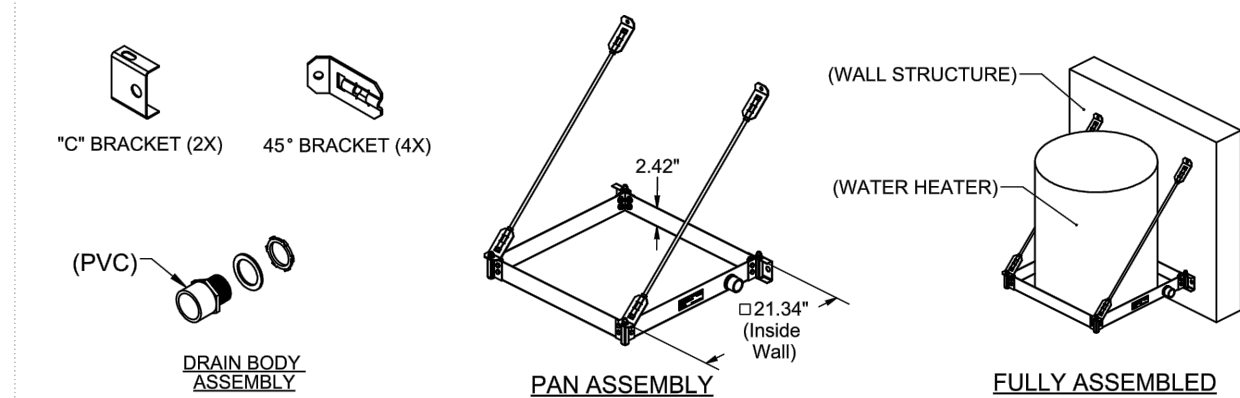


HoldRite QUICK STAND™ #40-SWHP-W Wall Mounted Equipment Platform Product Specification Drawing

The #40-SWHP-W Wall Mounted Equipment Platform is engineered to support water heaters up to 20 U.S. gallons (or other equipment up to 375 pounds total weight) mounted to a wall. This item also serves as a drain pan. See Installation Instructions for detail.

Product Information:

- Material:
 - Pan: 14 gage CRS, galvanized
 - Corner Brackets (4): 14 gage CRS, galvanized
 - C-Brackets (2): 16 gage CRS, galvanized
 - 45° Brackets (4): 12 gage, CRS, galvanized
 - Threaded Rod (2): Low carbon steel, zinc plated, 3/8" x 29-3/4" long
- Wide platform allows water heaters up to 21-1/4" diameter
- Watertight corners and drain fittings eliminate need for additional drain pan
- Static load rating 375 pounds with 2X safety factor (depending on structural anchorage)
- Professional Engineer reviewed documentation available
- Includes PVC drain body 1" MIPT x 1" FS
- Galvanized steel construction
- Suspends with user supplied 3/8" hardware to mount to wall, 4 places
- Installation instructions for mounting to concrete or framed wall structure available



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Canadian Contact: 1.888.820.0120 • canadassales@rwc.com • holdrite.com



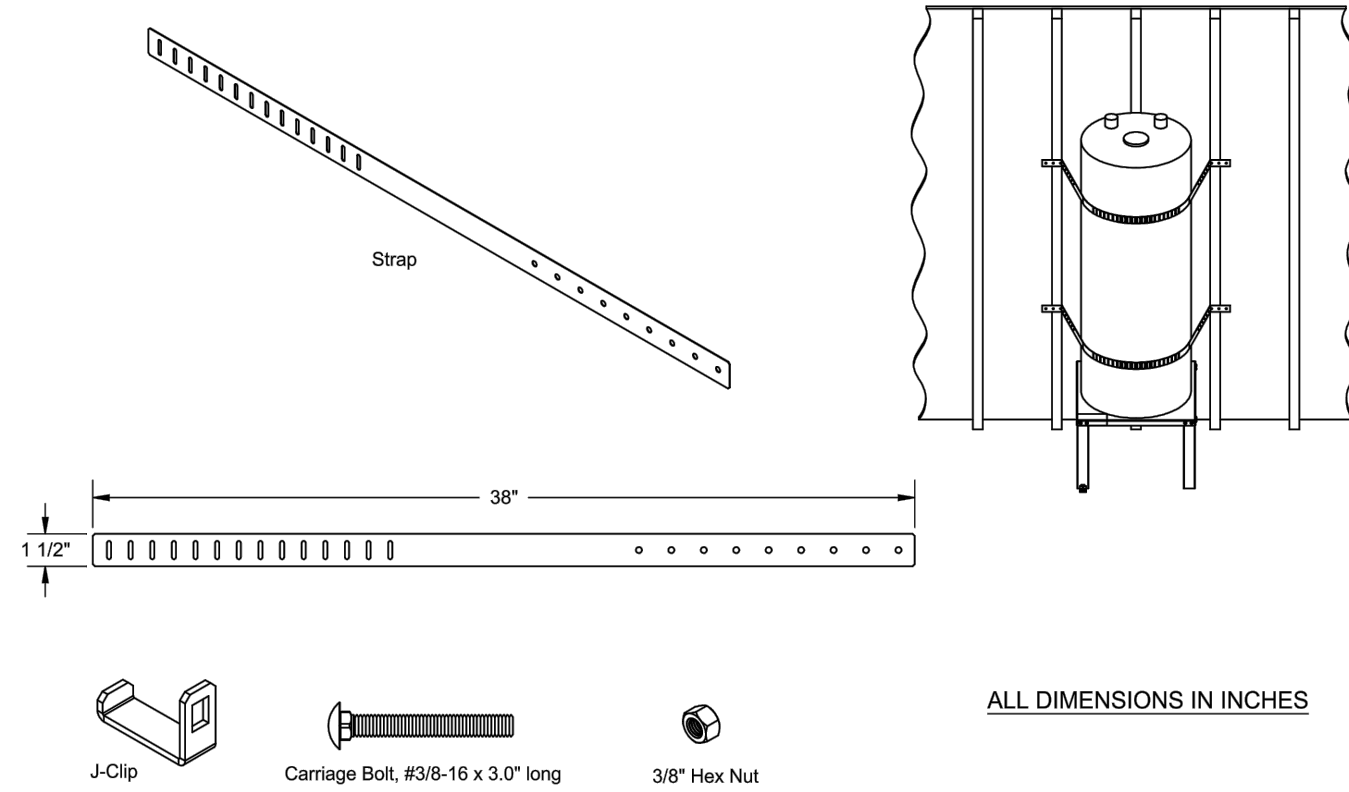
NOTE:
WALL ATTACHMENT PER STRUCTURAL.

WATER HEATER SUPPORT DETAIL

NOT TO SCALE

5

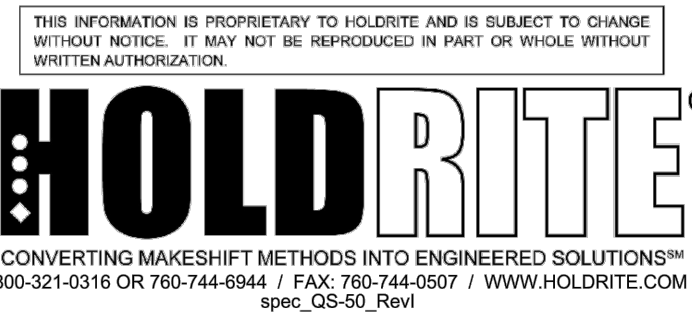
PRODUCT SPECIFICATION DRAWING QUICK STRAP® #QS-50 Seismic support for water heaters



The QUICK STRAP® #QS-50 is a seismic/earthquake support system for water heaters up to 80 U.S. gallons in size. The system includes: (4) Straps, (2) J-Clips, (2) 3/8" Carriage Bolts and (2) 3/8" Hex Nuts. The Quick Link® system allows for full adjustment from the front side of the water heater.

Product Information:

- Material: Strap, 24 gage CRS, galvanized
- California Division State Architect (DSA) approval #97-010
- UPC / IPC / IAPMO listed



NOTE:
WALL ATTACHMENT PER STRUCTURAL.

WATER HEATER SEISMIC STRAP DETAIL

NOT TO SCALE

4

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COMMERCIAL • RESIDENTIAL • INSTITUTIONAL
• H.V.A.C. Design • Title 24 Compliance
• Plumbing Design • Energy Analysis

8330 Juniper Creek Lane
San Diego, CA 92126
Tel: (858) 792-1700

A.L.M. PROJECT NO. 22013

SDG

PRELIMINARY PLANS FOR REVIEW ONLY, NOT FOR CONSTRUCTION.

ARCHITECT



westbergwhite
architecture

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SAN DIEGO, CA 92110
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CONSULTANT



City of La Puente

15900 E. MAIN ST. LA PUENTE, CA. 91744

PLUMBING DETAILS

La Puente
ACTIVITY CENTER

501 GLENDORA AVE. LA PUENTE, CA. 91744

PROJECT NO.: 22008

R.S.

A.P.

FILE NAME

DATE: 12/05/2025

DRAWN

CHECKED

REVISIONS

SHEET NO.

P-5A

OF

SHEETS

CITY APPROVAL

ABBREVIATIONS

A	AMPERE (AMPS)
AC	ALTERNATING CURRENT
AF	AMPS-FRAME (RATING)
AIC	AMP INTERRUPTING CURRENT
AM	AMMETER
AS	AMP SWITCH (FUSED SWITCH RATING)
AT	AMPS-TRIP (RATING)
AUG	AMERICAN WIRE GAUGE
BC	BARE COPPER
BLDG	BUILDING
C	CONDUIT
CB	CIRCUIT BREAKER
CO	CONDUIT ONLY
CT	CURRENT TRANSFORMER
CU	COPPER
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
DPDT	DOUBLE POLE DOUBLE THROW
DPST	DOUBLE POLE SINGLE THROW
DUG	DRAWING
EX	EXISTING
FLA	FULL LOAD AMPS
FVR	FULL VOLTAGE REVERSING
FVNR	FULL VOLTAGE NON-REVERSING
GFI	GROUND FAULT INTERRUPTER
GRD/GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HP5	HIGH PRESSURE SODIUM
HZ	HERTZ
KW	KILOWATT
LCL	LONG CONTINUOUS LOAD
LRA	LOCKED ROTOR AMPS
LTG	LIGHTING
MCC	MOTOR CONTROL CENTER
MCM (KCM)	THOUSAND CIRCULAR MILS
MECH	MECHANICAL
NC	NORMALLY CLOSED
NF	NON-FUSED
NO	NORMALLY OPEN/NUMBER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
P	POLE
PH	PHASE
POC	POINT OF CONNECTION
PRS	PVC COATED RIGID STEEL (CONDUIT)
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE DUCT
SUBD	SWITCHBOARD
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
V	VOLT
VA	VOLTAMPERES
VM	VOLTMETER
VL	VERIFY LOCATION
W	WIRE/WATTS
WP	WEATHERPROOF (NEMA TYPE 3R)
WT	WATERTIGHT
XP	EXPLOSION PROOF (RATED FOR AREA HAZARD)

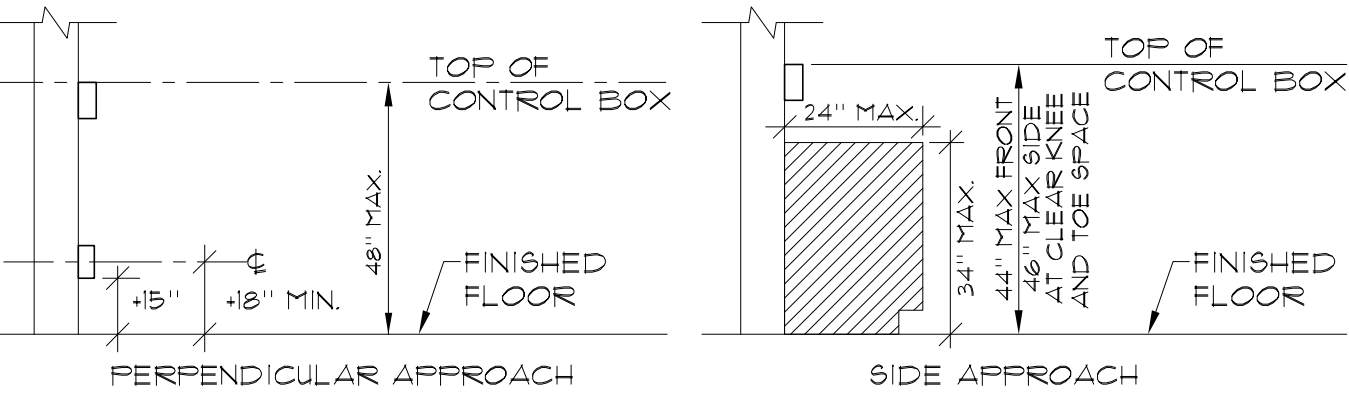
ELECTRICAL SYMBOL LEGEND

LIGHTING

	LIGHTING FIXTURE DESIGNATION
	LIGHTING FIXTURE, CEILING OR WALL MOUNTED AS SHOWN.
	LIGHT FIXTURE
	LIGHTING FIXTURE ON EMERGENCY POWER CIRCUIT (INVERTER)
	EXIT SIGN WITH DIRECTION ARROWS AS INDICATED. SHADED QUADRANT INDICATES FACE.
	STRIP LIGHT
	S ₁ SINGLE POLE SWITCH, SUBSCRIPT WHEN SHOWN INDICATES FIXTURES CONTROLLED +48' AFF. (U.ON.) HEIGHT PER DETAILS #1/E1.0
	S ₃ THREE-WAY SWITCH +48' AFF. (U.ON.) HEIGHT PER DETAILS #1/E1.0
	S ₄ FOUR-WAY SWITCH +48' AFF. (U.ON.) HEIGHT PER DETAILS #1/E1.0
	S _{sp} SWITCH WITH PILOT LIGHT +48' AFF. (U.ON.) HEIGHT PER DETAILS #1/E1.0
	S ₂ DOUBLE POLE SWITCH +48' AFF. (U.ON.) HEIGHT PER DETAILS #1/E1.0
	S _{WP} WEATHER PROOF SWITCH +48' AFF. (U.ON.) HEIGHT PER DETAILS #1/E1.0
	S _K KEY OPERATED SWITCH +48' AFF. (U.ON.) HEIGHT PER DETAILS #1/E1.0
	▽▽▽ SURFACE MOUNTED TRACK AND LIGHTING FIXTURES
	■●●● EXTERIOR SITE LIGHTING FIXTURE AND POLE
	●●●● EXTERIOR DECORATIVE SITE LIGHTING FIXTURE AND POLE
	▷ LANDSCAPE LIGHTING FIXTURE
	⬅(S)➡ CEILING MOUNTED OCCUPANCY SENSOR LIGHTING CONTROL
	S _{LV} LOW VOLTAGE LIGHT SWITCH.
	DIGITAL LIGHTING CONTROL, SEE E2.4

DISTRIBUTION EQUIPMENT

	FUSE
	POWER TRANSFORMER, RATING AS NOTED
	POWER CIRCUIT BREAKER DRAWOUT
	AUTOMATIC TRANSFER SWITCH, SEE SCHEDULE
	AMMETER
	VOLTMETER
	CIRCUIT BREAKER
	200AMP FRAME 200AMP TRIP 3 POLE 10,000 AMPS INTERRUPTING CURRENT
	FUSED SWITCH
	200AMP SWITCH 200AMP FUSE 3 POLE
	UTILITY COMPANY METER



MOUNTING HEIGHT OVER OBSTRUCTION

NO SCALE

FIRE RATED ASSEMBLIES NOTE:

- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DESCRIPTION AND DETAIL OF ALL FIRE RATED ASSEMBLIES.

POWER

	DUPLEX RECEPTACLE, FLOOR MOUNTED
	DUPLEX RECEPTACLE, WALL MOUNTED, +18' AFF. (U.ON.)
	RECEPTACLE, WALL MOUNTED HORIZONTALLY, +18' AFF. (U.ON.)
	FOURPLEX RECEPTACLE, WALL MOUNTED, +18' AFF. (U.ON.)
	RECEPTACLE MOUNTED +6' ABOVE COUNTER BACKSPASH SEE ARCHITECTURAL PLANS FOR REQUIRED MOUNTING HEIGHT PRIOR TO ROUGH-IN.
	PROVIDE (2) DUPLEX RECEPTACLE CEILING MOUNTED LOCATE ADJACENT TO PROJECTOR FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
	SWITCH CONTROLLED DUPLEX RECEPTACLE +18" U.ON.
	CONTROLLED QUAD RECEPTACLE +18" (U.ON.)
	DUPLEX GROUND FAULT INTERRUPTING RECEPTACLE +18' AFF. (U.ON.)
	DUPLEX RECEPTACLE IN WEATHERPROOF ENCLOSURE +18' AFF. (U.ON.)
	DUPLEX RECEPTACLE IN WEATHERPROOF 'LOCKING' ENCLOSURE +18' AFF. (U.ON.) (SEE TYPICAL DETAILS E3 SERIES SHEETS AND SPECIFICATIONS FOR REQUIRED TYPE).
	DUPLEX COMPUTER RECEPTACLE (GREY), WALL MOUNTED +18' AFF. (U.ON.)
	DUPLEX COMPUTER RECEPTACLE (BLUE) ISOLATED GROUND, SURGE SUPPRESSION, WALL MOUNTED +18' AFF. (U.ON.)
	SINGLE RECEPTACLE 30 AMP, 250V, 4W, GROUNDING, WALL MOUNTED +18' AFF. (U.ON.). FIELD VERIFY EXACT OUTLET CONFIGURATION WITH EQUIPMENT PRIOR TO ROUGH-IN.
	DUPLEX RECEPTACLE, WALL MOUNTED ADJACENT TO FLAT PANEL OUTLET, SEE SIGNAL PLAN FOR EXACT LOCATION.
	JUNCTION BOX, FLOOR MOUNTED
	JUNCTION BOX, CEILING OR WALL MOUNTED
	FUSED DISCONNECT SWITCH, WHERE SHOWN NF = NON-FUSED.
	MANUAL MOTOR STARTER +48' AFF. OR ON EQUIPMENT (U.ON.)
	MOTOR CONNECTION, NUMERAL INDICATES HORSEPOWER.
	MECHANICAL EQUIPMENT TAG (SEE MECHANICAL DRAWINGS FOR DESCRIPTION)
	CONDUIT AND WIRE, CONCEALED IN CEILING OR WALL
	CONDUIT AND WIRE, CONCEALED IN OR UNDER FINISHED FLOOR OR UNDER FINISHED GRADE.
	FLEXIBLE CONDUIT CONNECTION
	BRANCH CIRCUIT HOMERUN TO PANEL, SLASHES INDICATE NUMBER OF CONDUCTORS, EQUIPMENT GROUND WIRE NOT INDICATED U.ON. #2 CONDUCTORS ARE MINIMUM, NO HASH MARKS = MIN (2) #2
	3/4" CONDUIT STUBBED FROM DEVICE TO ABOVE ACCESSIBLE CEILING
	BRANCH CIRCUIT HOMERUN, NUMBER INDICATES INCREASED CONDUCTOR SIZE, CONDUCTORS SHALL REMAIN AS INDICATED FOR SIZE THROUGHOUT THE ENTIRE CIRCUIT.
	CONDUIT DROP.
	CONDUIT RISER.
	PANELBOARD, SURFACE MOUNTED.
	PANELBOARD, RECESSED
	STEP-DOWN TRANSFORMER
	DISTRIBUTION SWITCHBOARD

GENERAL PROJECT NOTES:

- UNLESS OTHERWISE NOTED, ALL WORK INDICATED ON THESE DRAWINGS SHALL BE CONSIDERED NEW WORK.
- UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE TO BE CENTERLINE OF THE DEVICE.
- "GENERAL NOTES" SHOWN ON AN INDIVIDUAL DRAWING APPLY TO ALL WORK SHOWN ON THAT SHEET. "KEY NOTES" ONLY APPLY TO SPECIFIC ITEMS WHERE ANNOTATED AT SPECIFIC LOCATIONS. SOME KEY NOTES MAY NOT APPLY TO ANY SPECIFIC ITEMS.

ARCHITECT



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City of La Puente

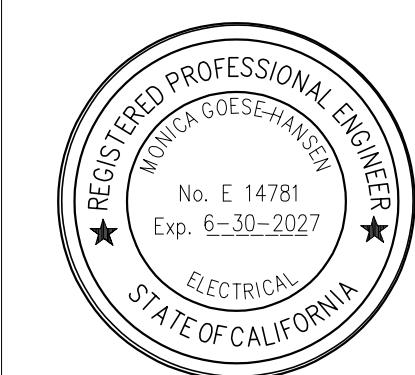
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ELECTRICAL LEGEND AND NOTES

La Puente
ACTIVITY CENTER

501 GLENDORA AVE. LA PUENTE, CA. 91744

CITY APPROVAL



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#2116

4/10/2025

PROJECT NO.: 22008

R.S.

A.P.

FILE NAME

DATE: 12/05/2025

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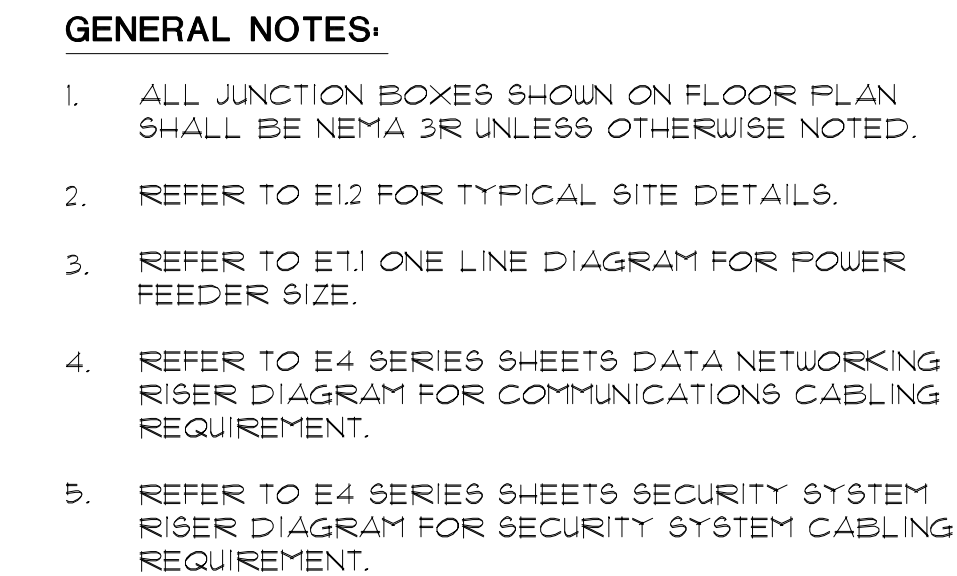
REVISIONS

SHEET NO.

E1.0

OF

SHEETS



KEY NOTES:

- ① EXISTING PV CONDUITS AND CONDUCTORS TO BE REMOVED.
- ② INTERCEPT EXISTING PV CONDUITS AND CONDUCTORS IN THIS UNDERGROUND PULL BOX.
- ③ NEW PV CONDUIT AND CONDUCTORS.
- ④

SITE PLAN

$$1'' = 20' - 0''$$

1

10/23/2025



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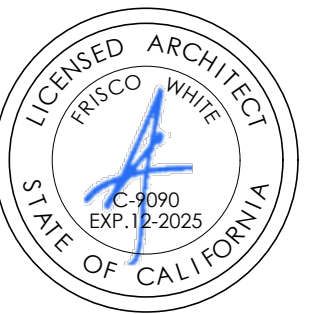
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SITE PLAN

**La Puente
ACTIVITY CENTER**

501 GLENDORA AVE. LA PUENTE, CA. 91744

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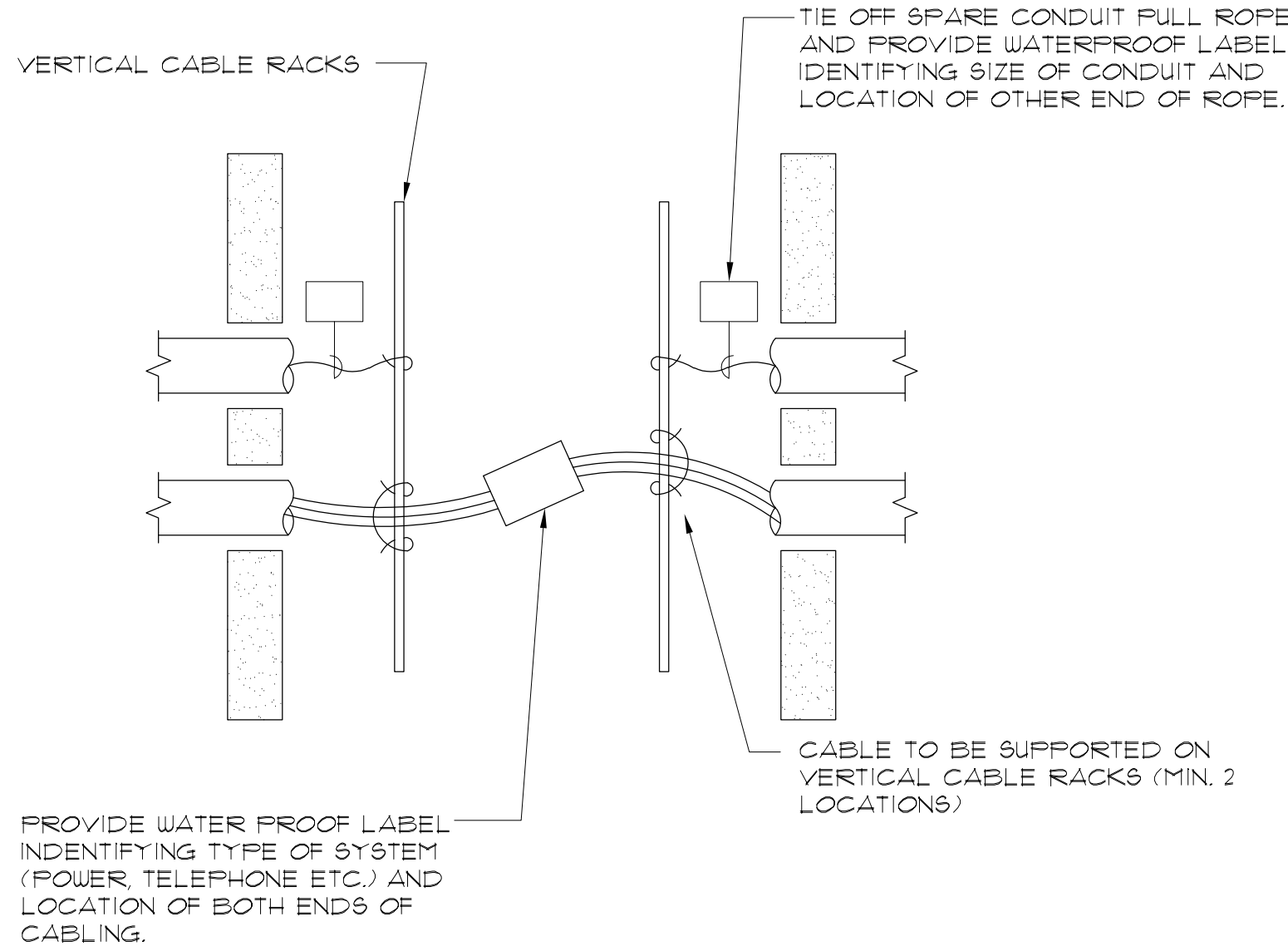
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REVISIONS

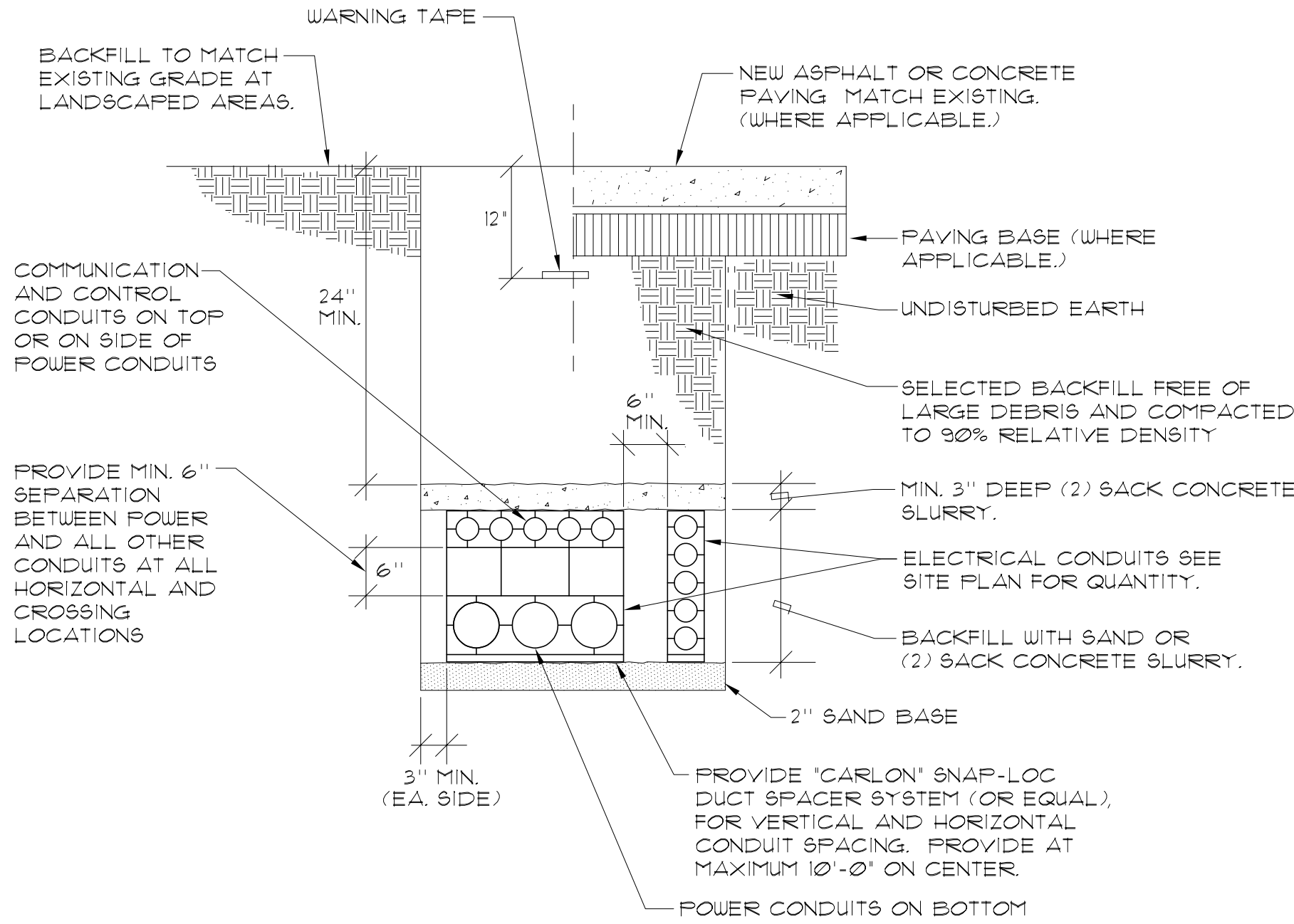
SHEET NO.

E1.1
SHEETS

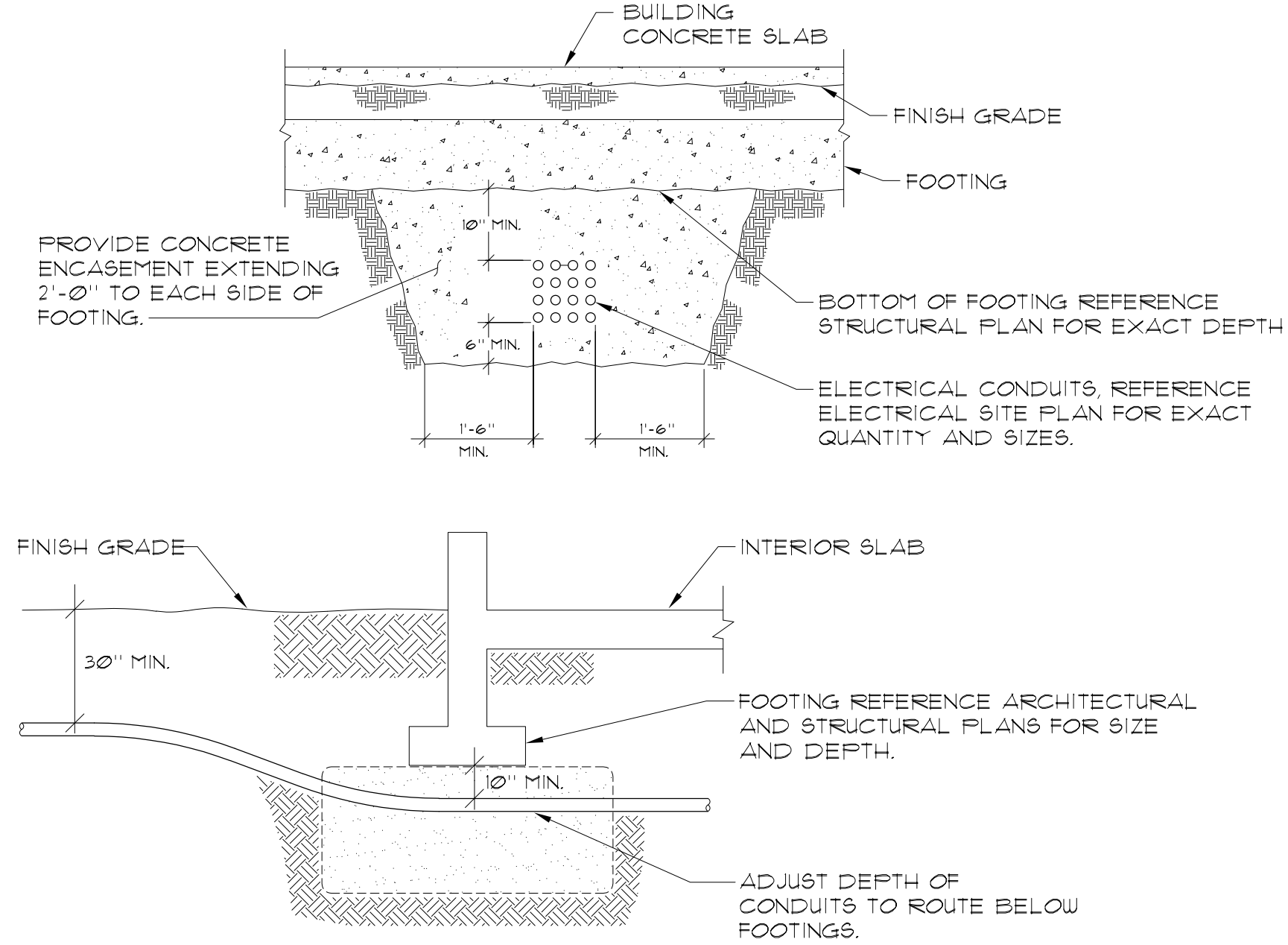


TYPICAL UNDERGROUND PULLBOX LABELING/SUPPORT DETAIL
NO SCALE

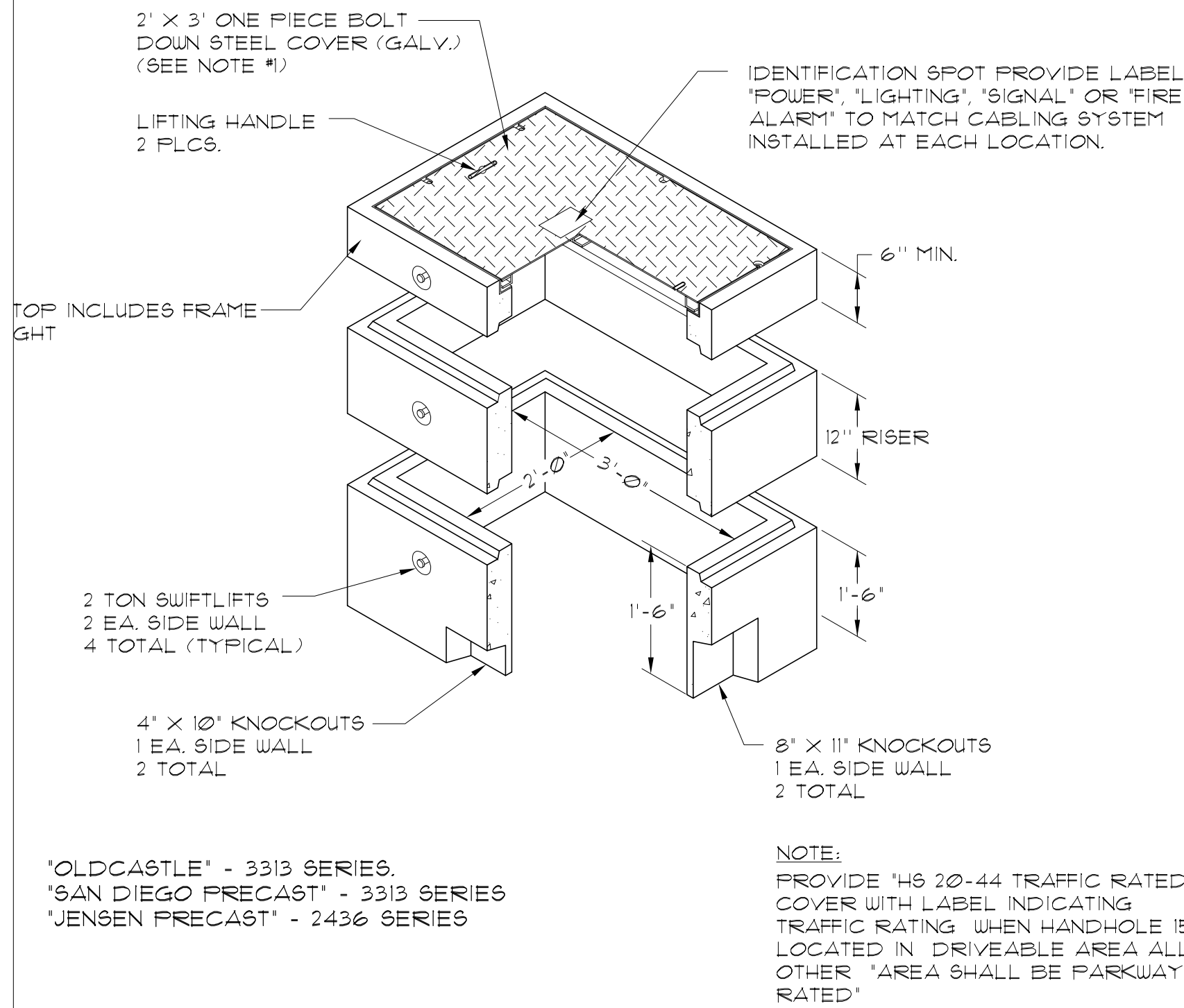
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E1.2
TYPICAL TRENCH DETAIL
NO SCALE



2
E1.2
UNDERGROUND CONDUIT - INSTALLATION AT BUILDING FOOTING
NO SCALE

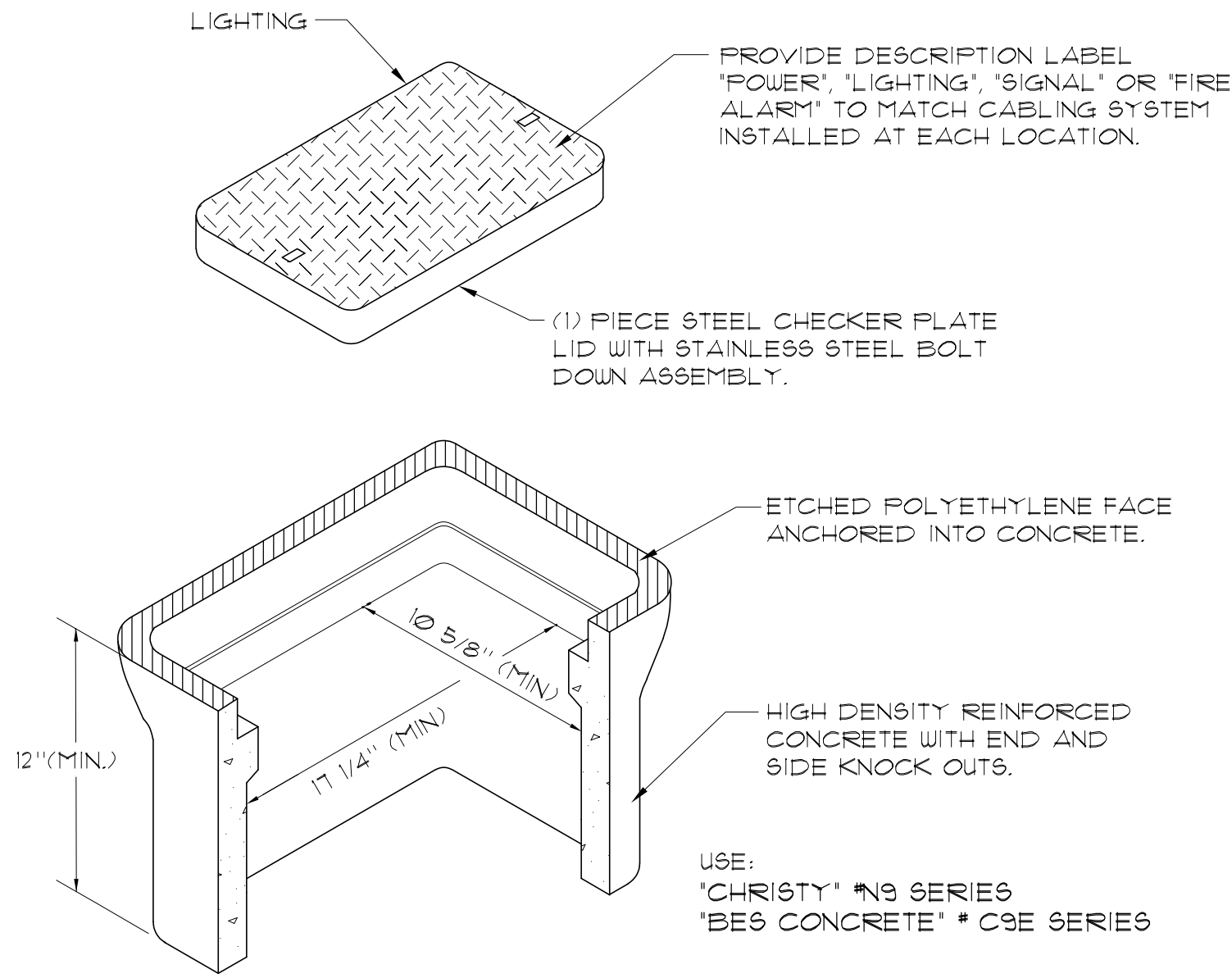


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E1.2

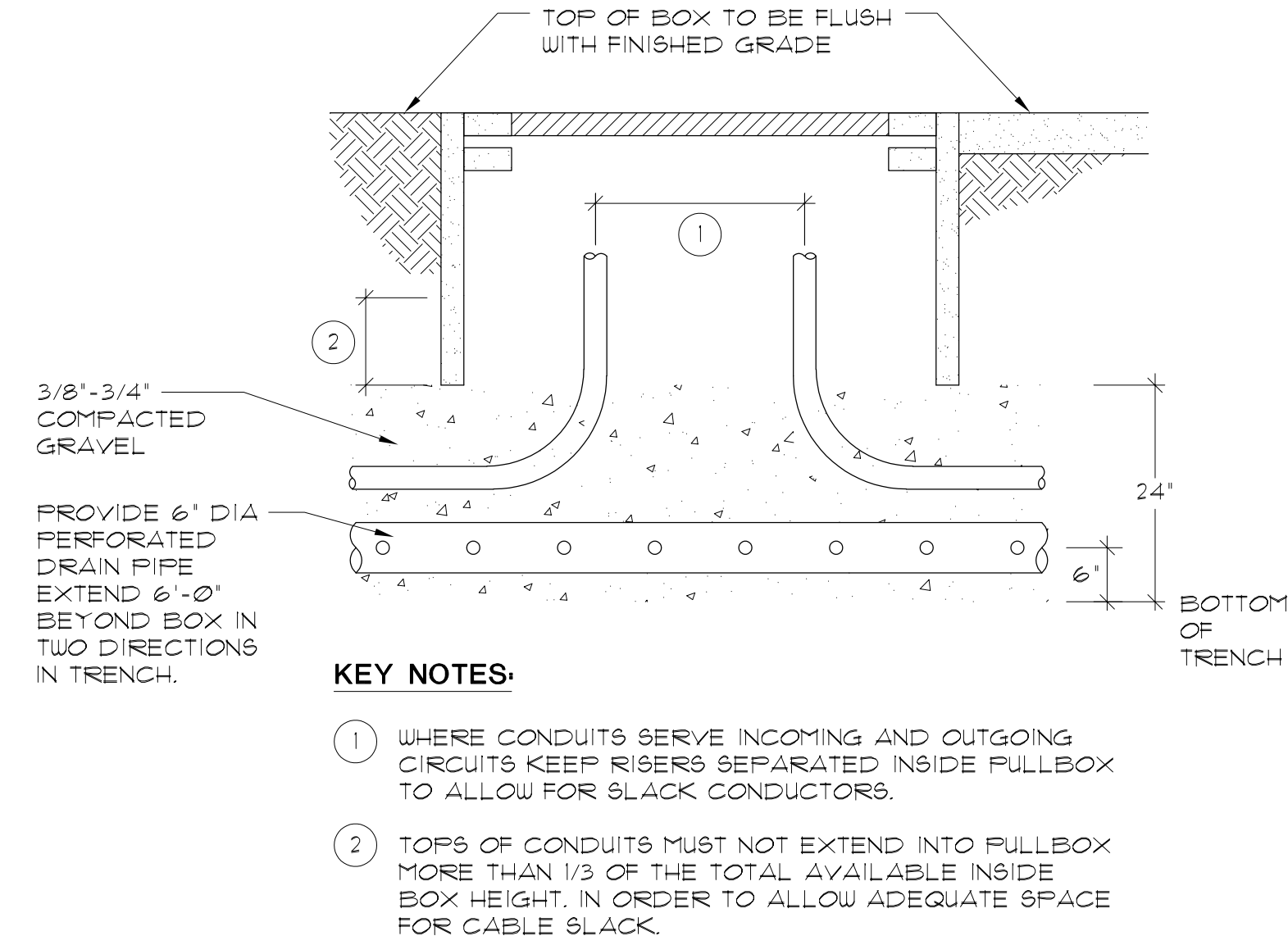


UNDERGROUND PULLBOX STYLE 'B'
NO SCALE

4
E1.2
UNDERGROUND PULLBOX STYLE 'A'
NO SCALE



5
E1.2
UNDERGROUND PULLBOX STYLE 'A' OR 'B' TYP. INSTALLATION
NO SCALE



4
E1.2



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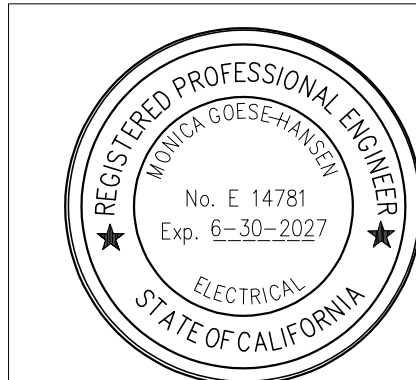
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SITE ELECTRICAL DETAILS

La Puente
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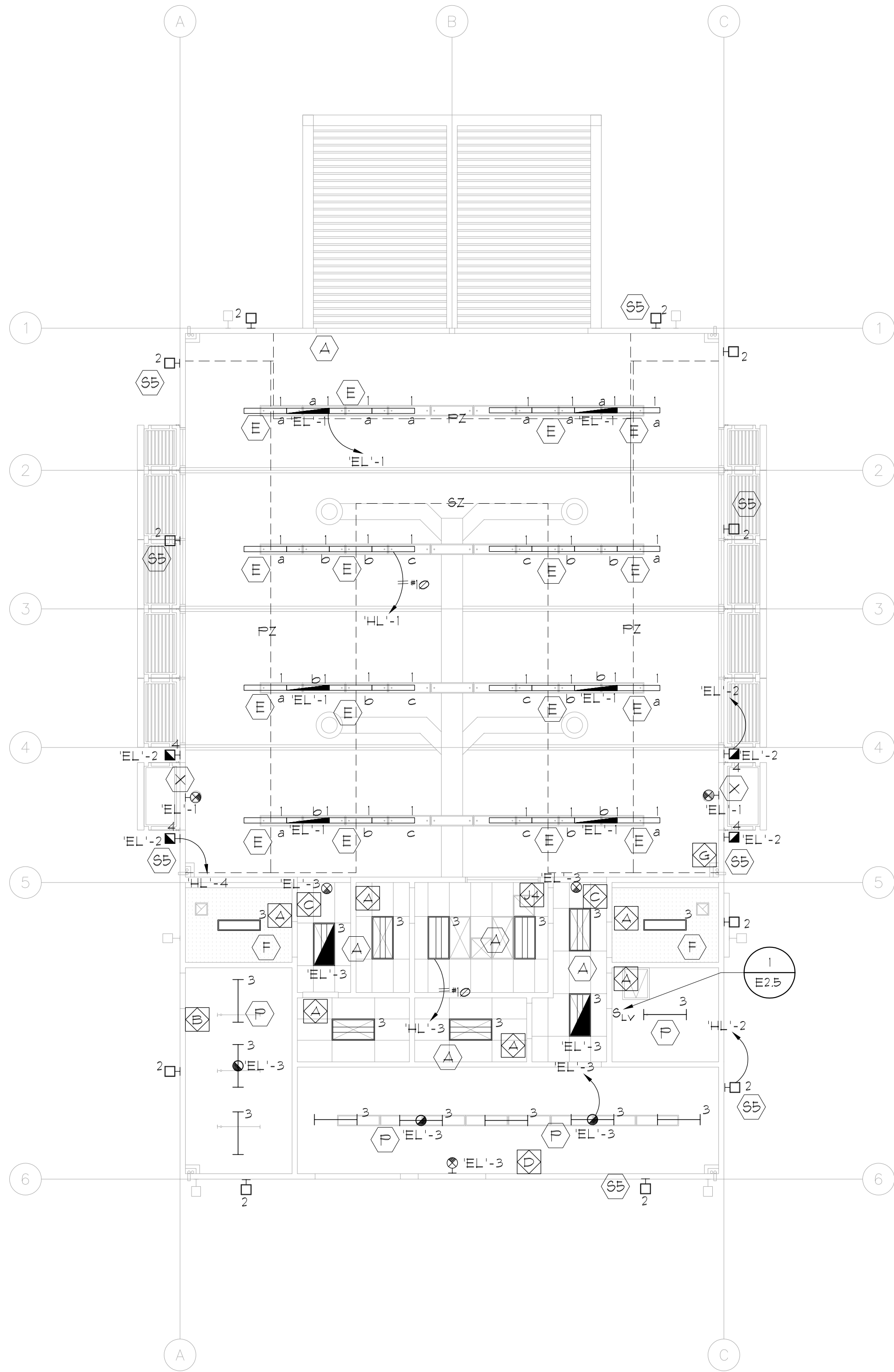
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SHEET NO.

E1.2
OF SHEETS



GENERAL NOTES:

1. REFERENCE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES.
2. REFERENCE E2 SERIES SHEETS FOR ALL FIXTURE TYPES, DIGITAL LIGHTING CONTROL DEVICE SYMBOLS AND LEGENDS AND FOR TYPICAL DETAILS.
3. REFERENCE E8 SERIES SHEETS FOR TYPICAL CONDUIT AND BACKBOX INSTALLATION DETAILS.
4. LETTERS IN OR ADJACENT TO EACH FIXTURE OR FIXTURE ROW INDICATES SWITCH AND OR OCCUPANCY SENSOR WHICH CONTROLS THE LIGHTING FIXTURE.
5. CIRCUIT HOMERUNS ARE INDICATED TO SHOW THE LOCATION AND NUMBER OF CIRCUITS TO BE GROUPED TOGETHER.
6. PROVIDE MINIMUM 3/4" CONDUIT AND #12 CIRCUIT CONDUCTORS AS REQUIRED TO CONNECT EACH LIGHTING FIXTURES TO THEIR INDICATED CONTROL DEVICES. (U.O.N.)

KEY NOTES:

- 1 SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
- 2 2 #12 (HOT), 1 #10 (NEUTRAL), 1 #12 (GND), 3/4" C.
- 3 3 #12 (HOT), 1 #10 (NEUTRAL), 1 #12 (GND), 3/4" C.
- 4 4 #12 (HOT), 2 #10 (NEUTRAL), 1 #12 (GND), 3/4" C.

ARCHITECT

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FLOOR PLAN - LIGHTING

La Puente
ACTIVITY CENTER

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PROJECT NO.: 22008	
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FILE NAME	
DATE: 12/05/2025	DRAWN CHECKED
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	E2.1
	OF SHEETS

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LIGHTING FIXTURE SCHEDULE NOTES

GENERAL NOTES

1. ALTERNATE MANUFACTURER'S TO THOSE SPECIFIED MAY BE SUBMITTED FOR APPROVAL. ALTERNATE MANUFACTURER'S MUST MEET THE MINIMUM CRITERIA INDICATED IN THE DESCRIPTION AND OPTIONS COLUMNS OF THIS SCHEDULE, AND MUST BE EQUAL TO THE SPECIFIED FIXTURE AS DETERMINED BY THE SPECIFYING ENGINEER. (ALTERNATE FIXTURES MUST BE APPROVED PRIOR TO BID, ALLOW 12 HOURS FOR ENGINEER REVIEW AND APPROVAL.) WHERE 'NO KNOWN EQUAL' IS INDICATED THE FIXTURE DOES NOT HAVE AN EQUAL TO MEET THE PROJECT REQUIREMENTS, AND ALTERNATE SELECTIONS WILL NOT BE ACCEPTED.
2. COMPLETE CATALOG NUMBERS HAVE NOT BEEN PROVIDED, REFERENCE THE DESCRIPTION AND OPTIONS COLUMNS OF THIS SCHEDULE FOR COMPLETE FIXTURE REQUIREMENTS.

LIGHTING FIXTURE SCHEDULE																				
Mark	Approved Manufacturer's (See Key Note No.1)	Catalog Series Type (See Key Note No.2)	FIXTURE					LAMP		MOUNTING					Description					
			Incandescent	Fluorescent	Metal Halide	High pressure sodium	Low pressure sodium	LED	Volts	Lamp Watts	No.	Type	Recessed / Ceiling Surface / Ceiling	Wall Recessed / Wall		Pendant Surface / Wall	Pole			
A	LITHONIA	2BLT4 SERIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	120	40	-	LED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	COLUMBIA	LCA124							<input type="checkbox"/>		208	2'X4' T-GRID FIXTURE WITH MINIMUM 4000 LUMEN AT A CCT OF 4000 KELVIN. DRIVER VOLTAGE UNIVERSAL 0-10v DIMMING. ACRYLIC .08" LENSE.								
	METALUX	CRUZE ST							<input checked="" type="checkbox"/>		277	<input type="checkbox"/> Provide emergency ballast Type 'EM' <input type="checkbox"/> Provide custom color finish, to be selected at time of submittal <input type="checkbox"/> See detail								
									<input type="checkbox"/>		480									
									<input type="checkbox"/>		480									
E	NULITE	REGOLO 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	120	10 W/FT	-	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
	PINNACLE	EDGE 3							<input type="checkbox"/>		208	4'-0"-0" L X 4"W, FROSTED FLUSH LENS. MINIMUM 1000 LUMENS/FT AT 4000K. WHITE FINISH. 0-10v DIMMING. PROVIDE AIRCRAFT CABLES. FIELD VERIFY EXACT LENGTH OF AIRCRAFT CABLE REQUIRED.								
	LUMENWERX	VIA 3							<input checked="" type="checkbox"/>		277	<input type="checkbox"/> Provide emergency ballast Type 'EM' <input type="checkbox"/> Provide custom color finish, to be selected at time of submittal <input type="checkbox"/> See detail								
	-	-							<input type="checkbox"/>		480									
									<input type="checkbox"/>		480									
F	NULITE	REGOLO 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	120	10 W/FT	-	LED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	PINNACLE	EDGE 3							<input type="checkbox"/>		208	4'-0"-0" L X 4"W, FROSTED FLUSH LENS. MINIMUM 1000 LUMENS/FT AT 4000K. WHITE FINISH. FLANGE MOUNTING.								
	LUMENWERX	VIA 3							<input checked="" type="checkbox"/>		277	<input type="checkbox"/> Provide emergency ballast Type 'EM' <input type="checkbox"/> Provide custom color finish, to be selected at time of submittal <input type="checkbox"/> See detail								
	-	-							<input type="checkbox"/>		480									
									<input type="checkbox"/>		480									
P	LITHONIA	CLX SERIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	120	40	-	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
	COLUMBIA	MPS SERIES							<input type="checkbox"/>		208	4' STRIP LIGHT WITH ROUND DIFFUSE LENS. MINIMUM 4000 LUMEN, 4000 KELVIN, ROUND LENS, 0-10v DIMMING. WALL MOUNTED +9'-6" AFF								
	COOPER	SNLED							<input checked="" type="checkbox"/>		277	<input type="checkbox"/> Provide emergency ballast Type 'EM' <input type="checkbox"/> Provide custom color finish, to be selected at time of submittal <input type="checkbox"/> See detail								
									<input type="checkbox"/>		480									
									<input type="checkbox"/>		480									
S5	LITHONIA	ARC1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	120	17	-	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
									<input type="checkbox"/>		208	EXTERIOR WALL PACK. WET LOCATION LISTED. TYPE 3 DISTRIBUTION. MINIMUM 2000 LUMEN AT 4000K BRONZE FINISH. SEE ARCH. FOR MOUNTING HEIGHT. PROVIDE WITH FACTORY INSTALLED PHOTOCELL AND MOTION SENSOR.								
									<input checked="" type="checkbox"/>		277	<input type="checkbox"/> Provide emergency ballast Type 'EM' <input type="checkbox"/> Provide custom color finish, to be selected at time of submittal <input type="checkbox"/> See detail								
									<input type="checkbox"/>		480									
									<input type="checkbox"/>		480									
S10	CREE	ARE-EDR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	120	46	-	LED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	POLE LIGHT	-
									<input type="checkbox"/>		208	MINIMUM 5,262 LUMENS, 4000 KELVIN, TYPE V AREA LIGHT, MOUNTED TO APPROXIMATELY 12' ROUND ALUMINUM POLE DESIGNED TO SUPPORT THE SPECIFIED FIXTURE EPA FOR 110 MPH WIND SPEED. POLE HEIGHT SHALL MATCH EXISTING CREE WALKWAY LIGHT POLE ON SITE. CONTRACTOR TO FIELD VERIFY. BLACK FINISH. PROVIDE WITH PHOTOCELL. POLE COLOR SHALL MATCH FIXTURE COLOR. POLE HEIGHT SHALL MATCH EXISTING CREE WALKWAY LIGHT POLE ON SITE.								
									<input checked="" type="checkbox"/>		277	<input type="checkbox"/> Provide emergency ballast Type 'EM' <input type="checkbox"/> Provide custom color finish, to be selected at time of submittal <input checked="" type="checkbox"/> See detail								
									<input type="checkbox"/>		480									
									<input type="checkbox"/>		480									
X	LITHONIA	LRP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	120	-	-		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	ISOLITE	UEL							<input type="checkbox"/>		208	LED EXIT SIGN, EDGE LIT, BRUSHED ALUMINUM HOUSING, SINGLE FACE, GREEN ON MIRROR.								
									<input checked="" type="checkbox"/>		277	<input type="checkbox"/> Provide emergency ballast Type 'EM' <input type="checkbox"/> Provide custom color finish, to be selected at time of submittal <input type="checkbox"/> See detail								
									<input type="checkbox"/>		480									
									<input type="checkbox"/>		480									
X1	LITHONIA	LRP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	120	-	-		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
	ISOLITE	UEL							<input type="checkbox"/>		208	LED EXIT SIGN, EDGE LIT, BRUSHED ALUMINUM HOUSING, SINGLE FACE, GREEN ON MIRROR.								
									<input checked="" type="checkbox"/>		277	<input type="checkbox"/> Provide emergency ballast Type 'EM' <input type="checkbox"/> Provide custom color finish, to be selected at time of submittal <input type="checkbox"/> See detail								
									<input type="checkbox"/>		480									
									<input type="checkbox"/>		480									



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LIGHTING FIXTURE SCHEDULE

La Puente
ACTIVITY CENTER

501 GLENDORA AVE. LA PUENTE, CA. 91744

CITY APPROVAL

PROJECT NO.: 22008

R.S.

A.P.

FILE NAME

DATE: 12/05/2025

DRAWN

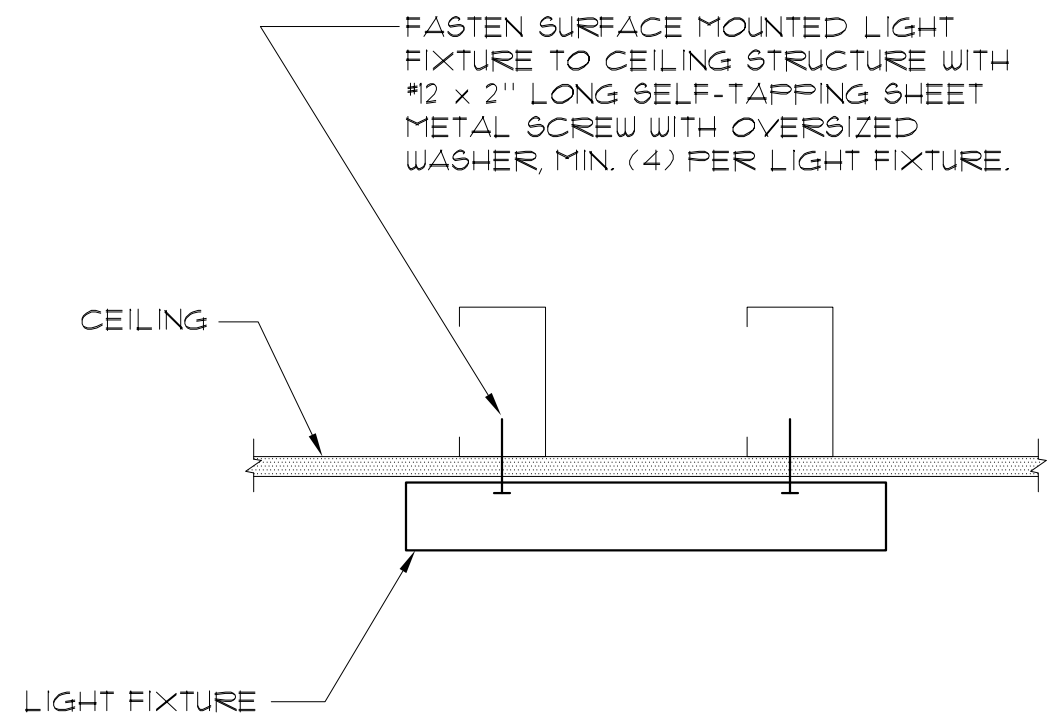
CHECKED

REVISIONS

SHEET NO.

E2.2

OF SHEETS



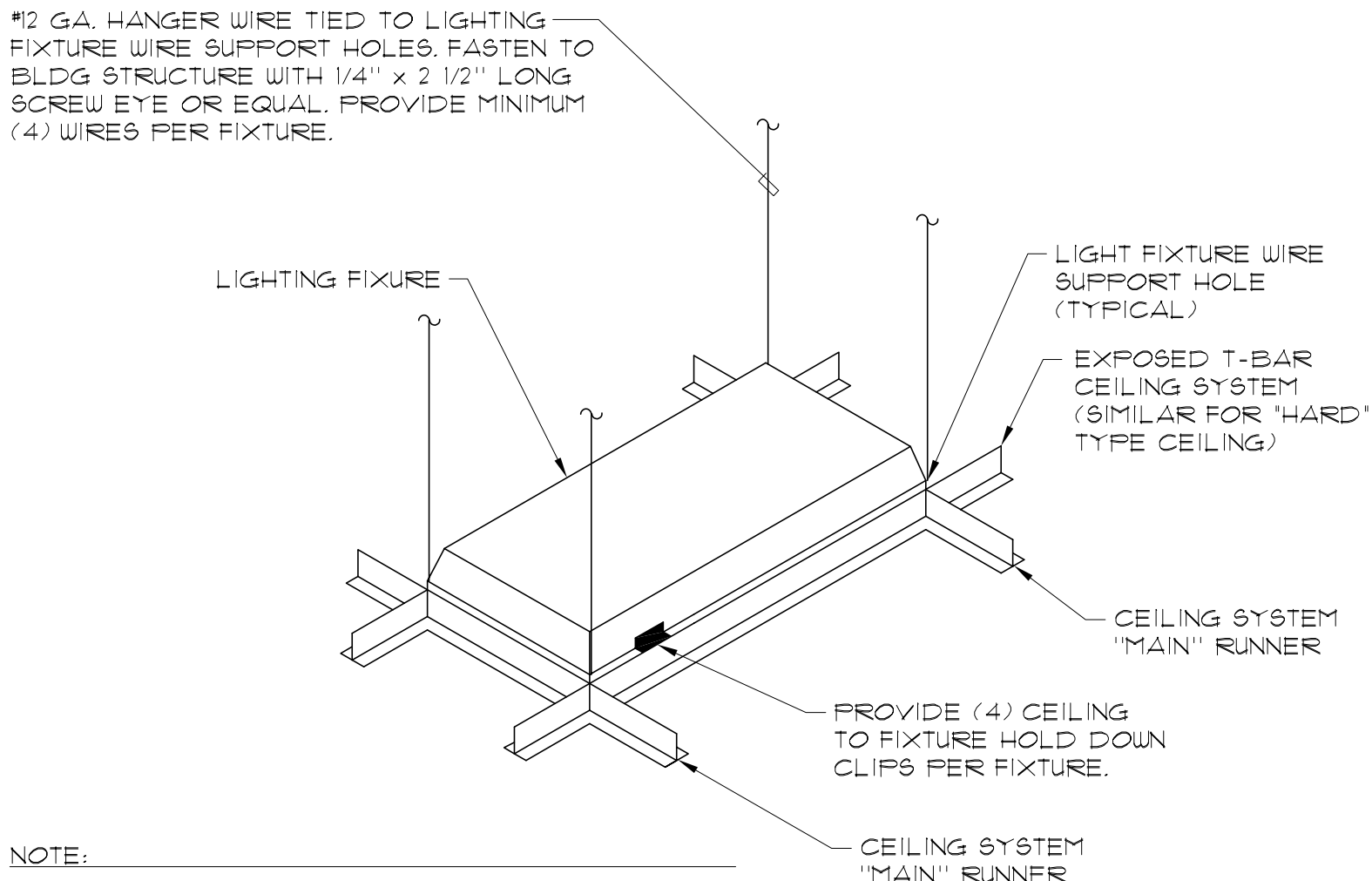
NOTE:
1. REFERENCE ARCHITECTURAL PLANS FOR TYPE OF CEILING STRUCTURE AT ALL FIXTURE LOCATIONS.

SURFACE MOUNTED FIXTURE MOUNTING DETAIL

NO SCALE

1

E2.3



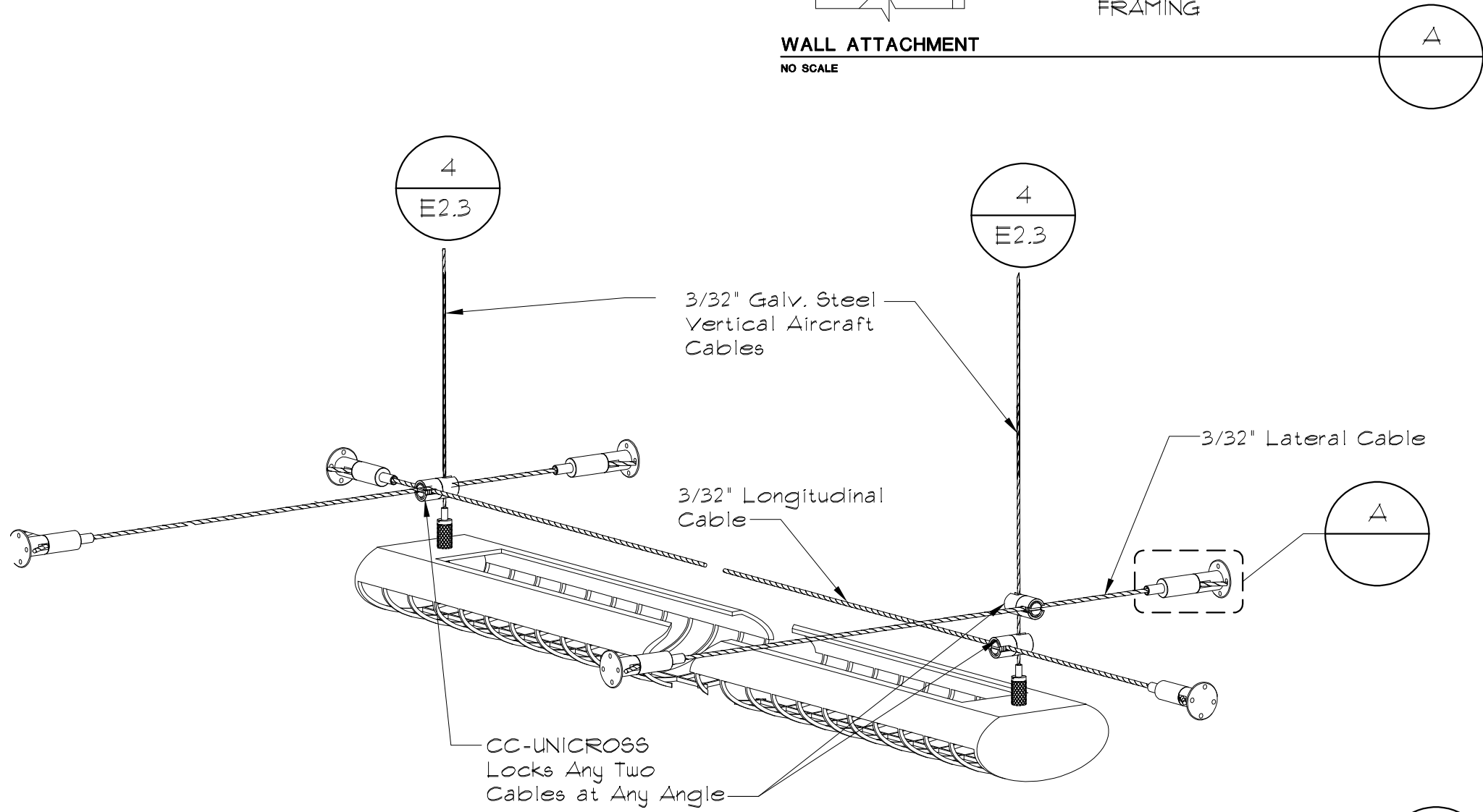
NOTE:
1. WHERE FIXTURES ARE INSTALLED IN HEAVY-DUTY TYPE LAY-IN CEILINGS AND THE TOTAL WEIGHT OF THE FIXTURE IS LESS THAN 50 LBS, REDUCE THE QUANTITY OF HANGER WIRES TO (2) BLACK WIRES AT DIAGONAL CORNERS.
2. REFERENCE ARCHITECTURAL PLANS FOR ADDITIONAL CEILING ANCHORAGE REQUIREMENTS.

LED FIXTURE SEISMIC RESTRAINT DETAIL

NO SCALE

2

E2.4

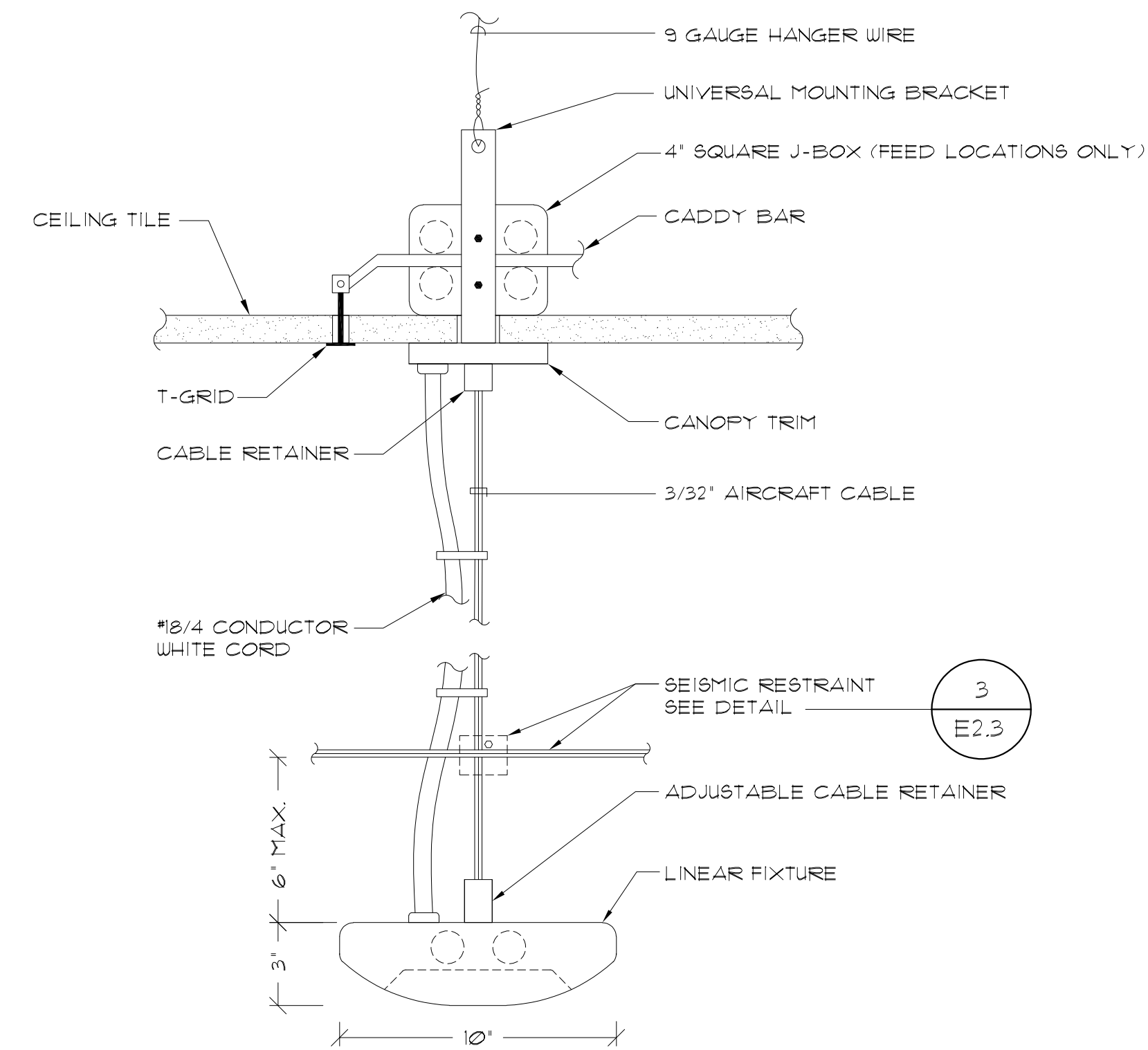


PENDANT HUNG FIXTURE SEISMIC RESTRAINT

NO SCALE

3

E-2.4

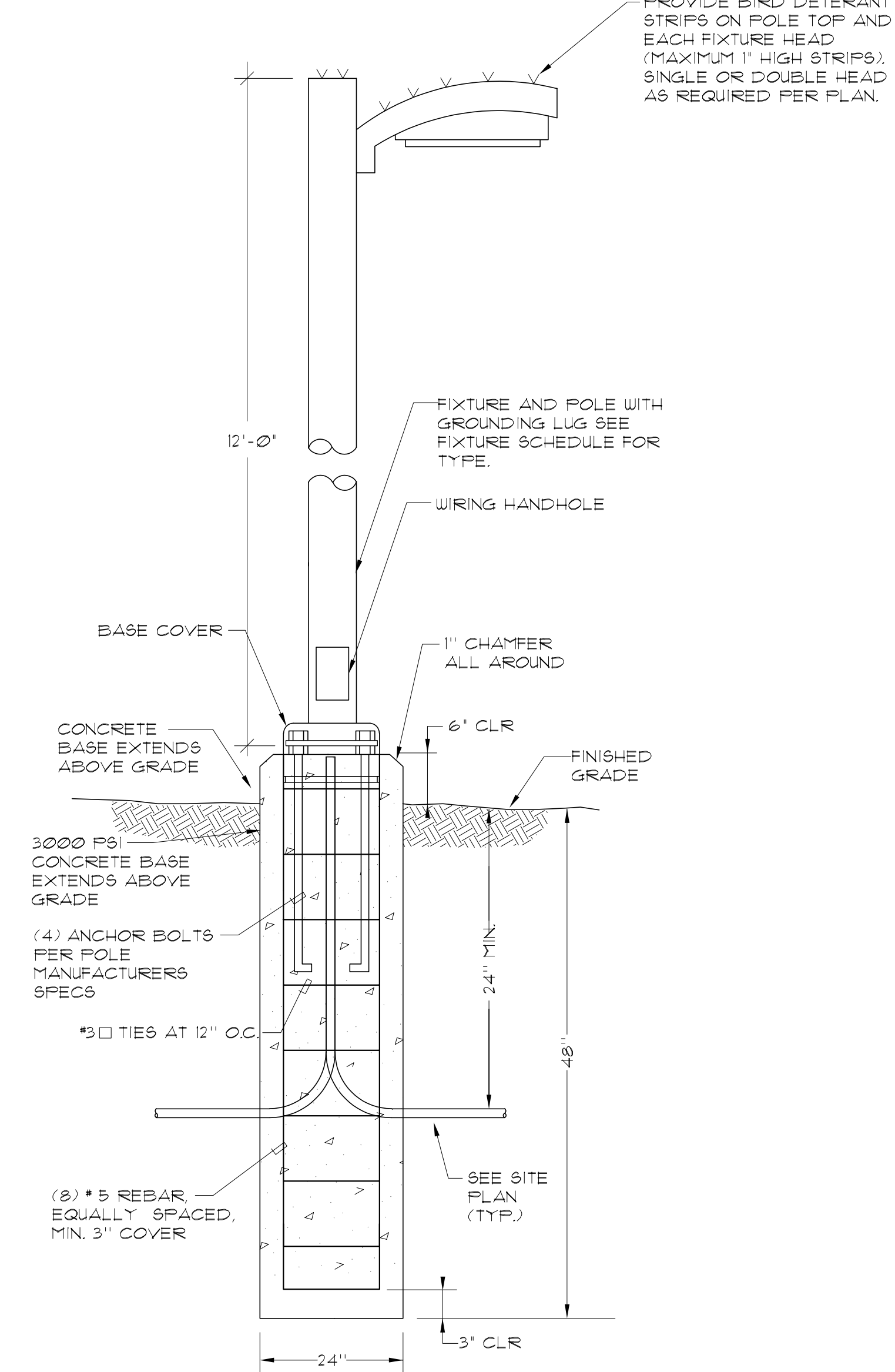


PENDANT HUNG LINEAR FIXTURE MOUNTING

NO SCALE

4

E2.3

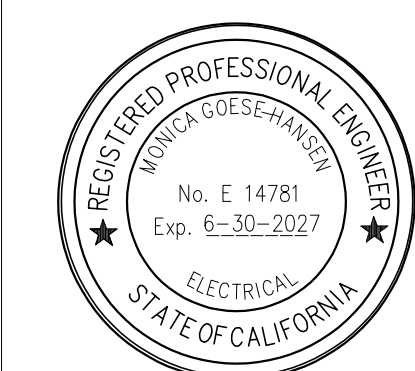


CONCRETE POLE DETAIL

NO SCALE

5

E2.3



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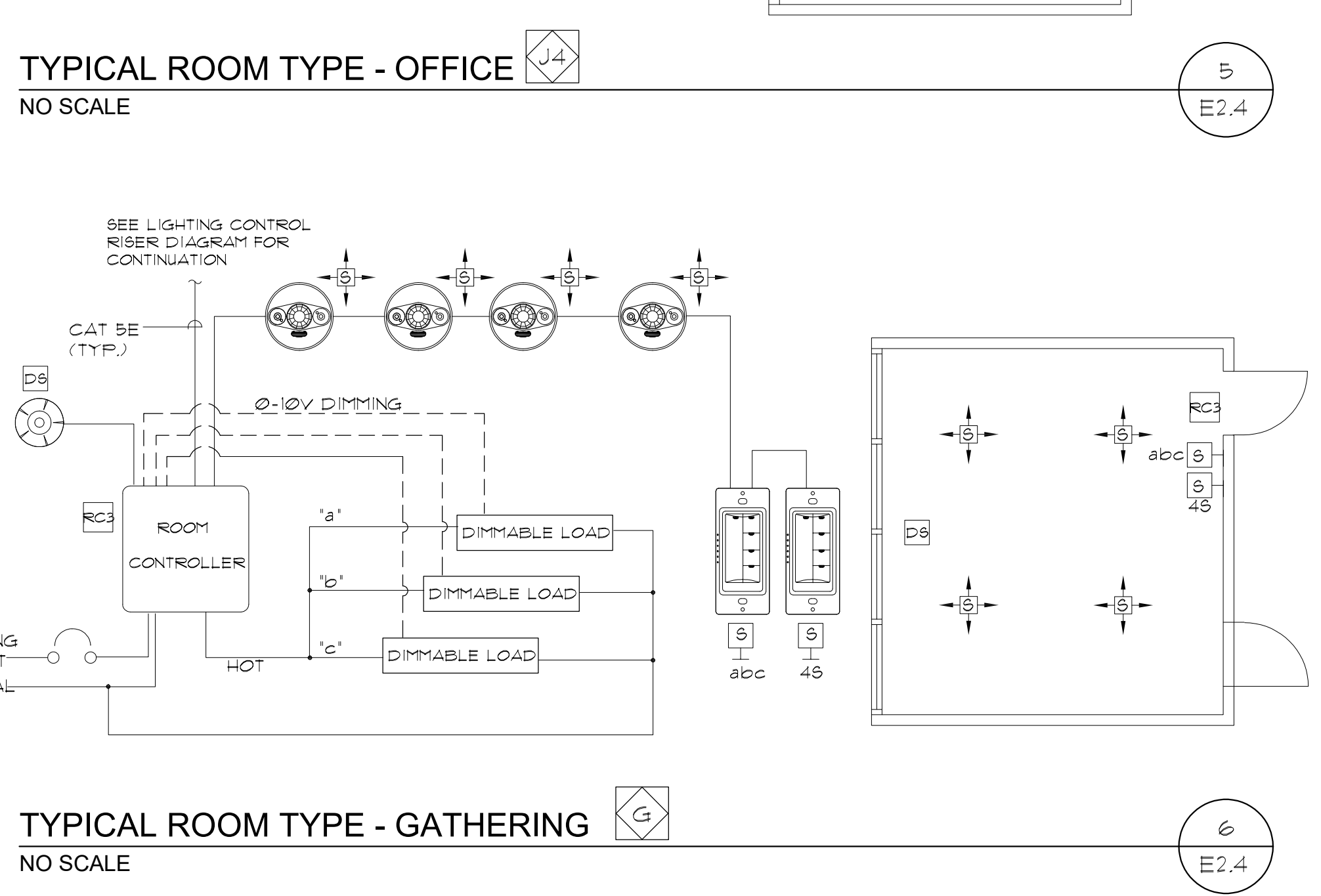
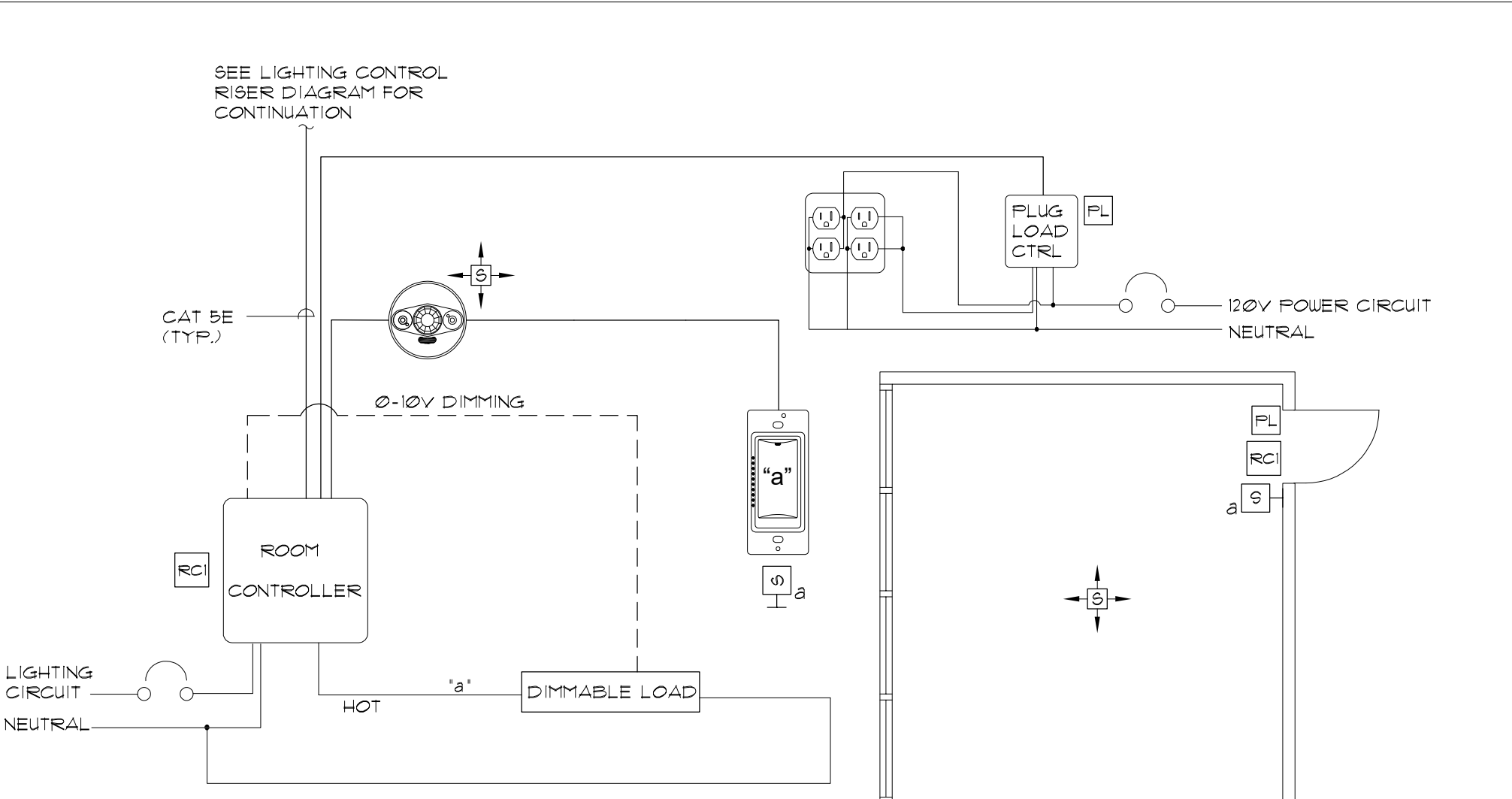
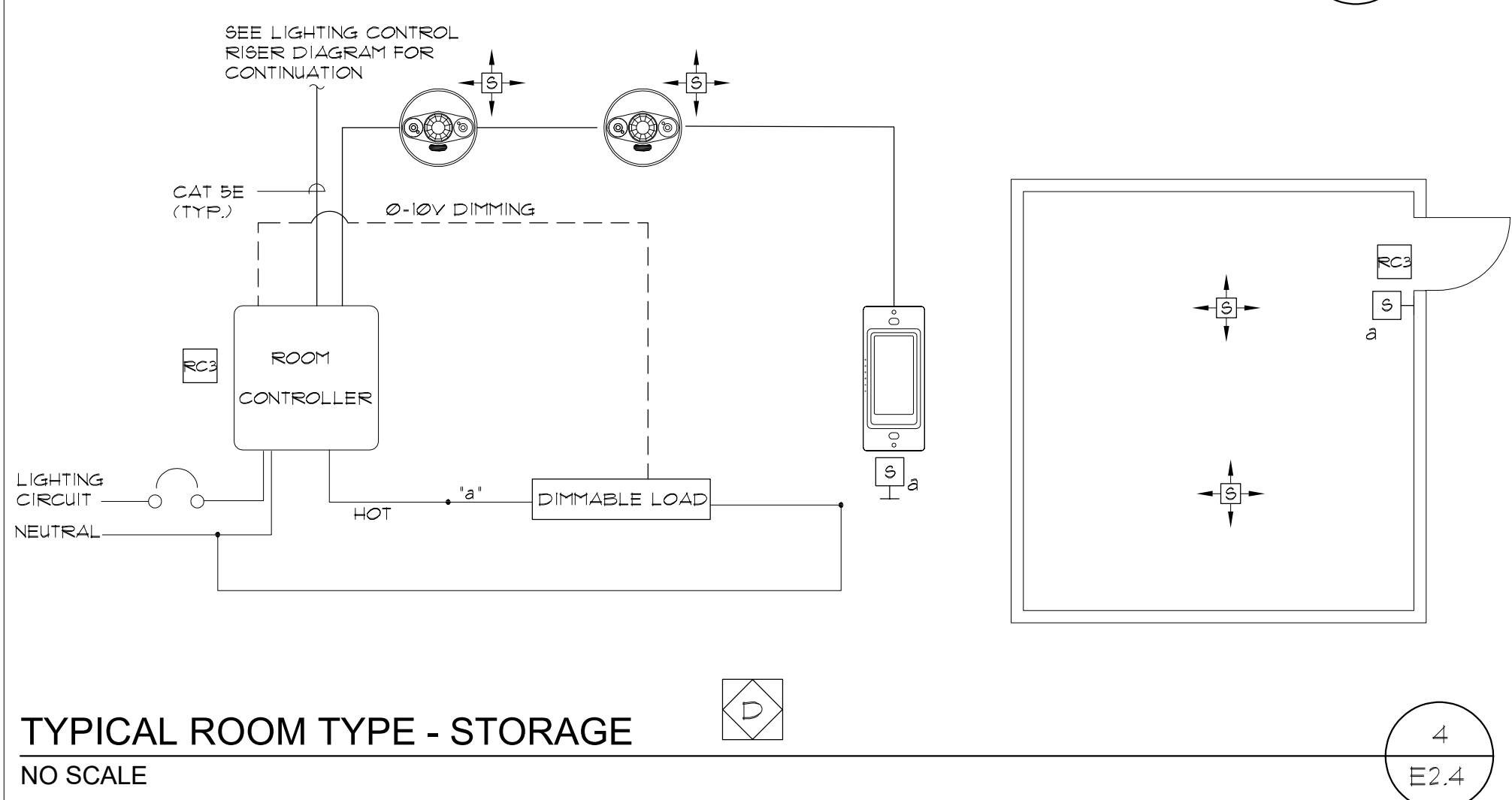
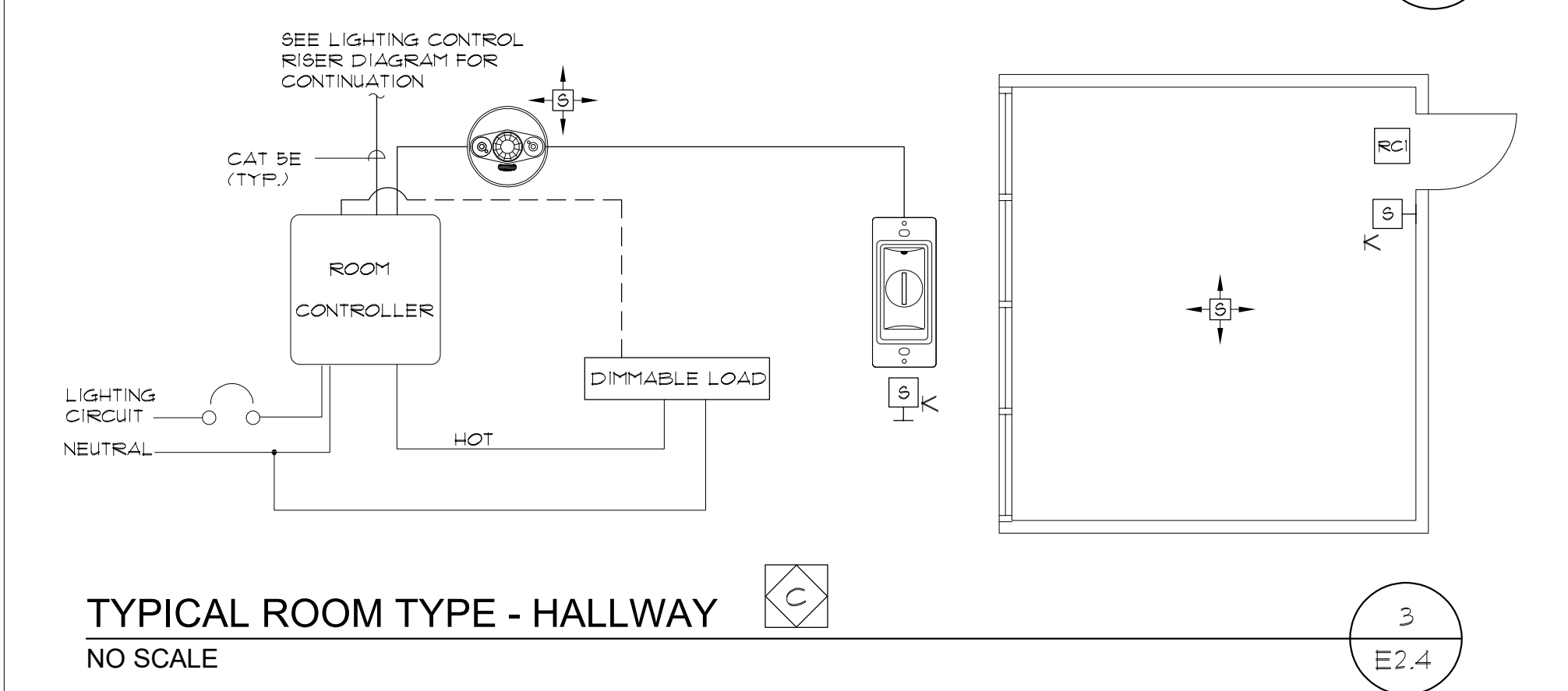
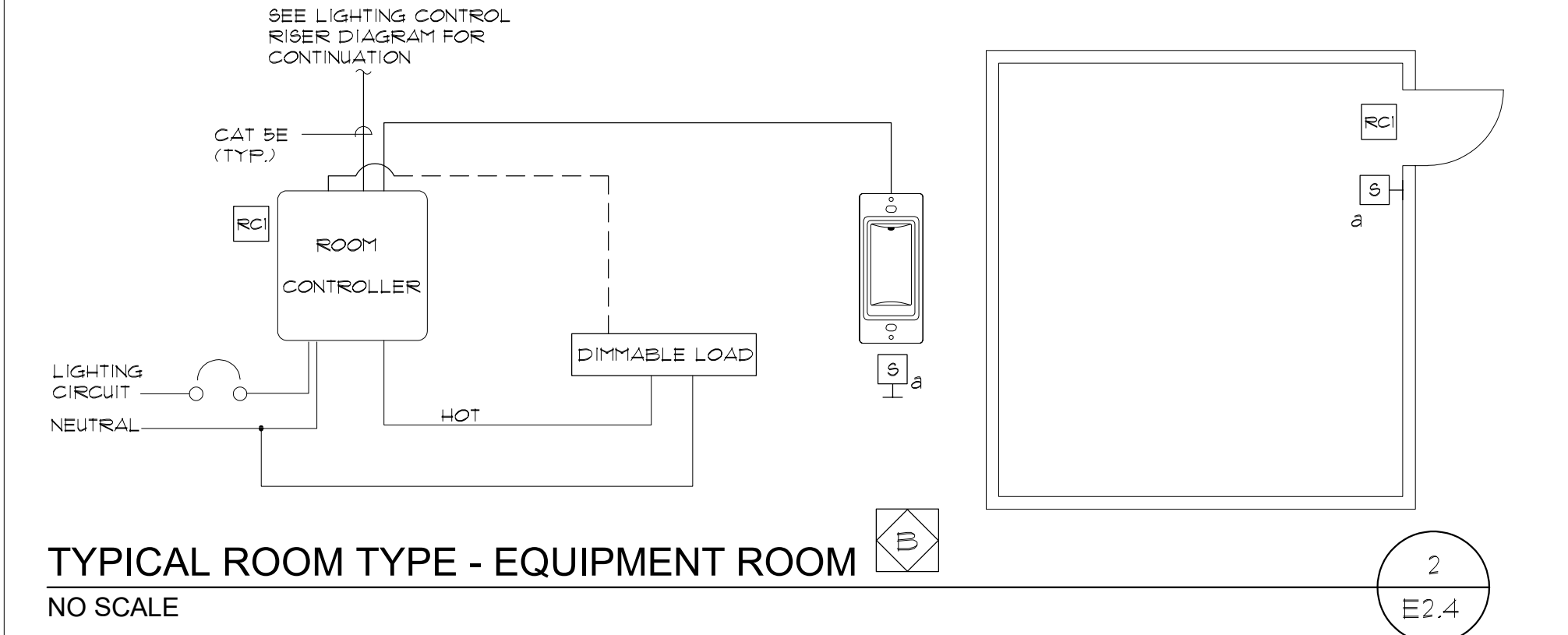
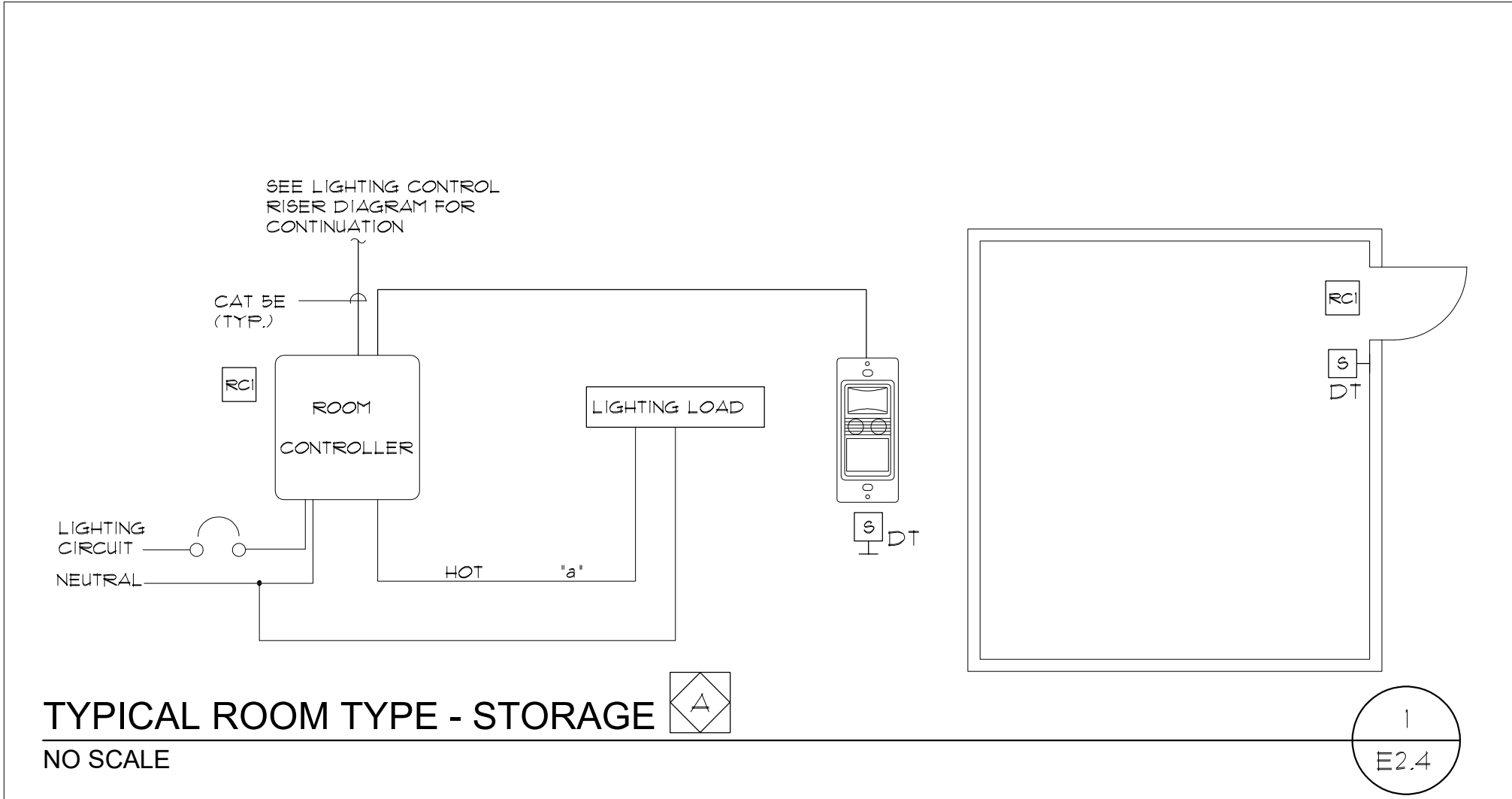
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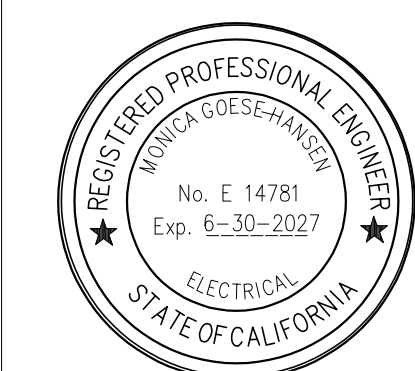
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- SYMBOL LENGEND**
- WALL MOUNTED MANUAL ON AND OFF SWITCH +48" U.O.N.
 - WALL MOUNTED DUAL TECH OCCUPANCY SENSOR WITH MANUAL ON AND OFF 48" U.O.N.
 - CEILING MOUNTED OCCUPANCY SENSOR (DUAL TECHNOLOGY)
 - WALL MOUNTED OCCUPANCY SENSOR (DUAL TECH) +84" U.O.N.
 - SINGLE CIRCUIT ROOM CONTROLLER FOR ROOMS WITH ONE DIMMING ZONE.
 - SINGLE CIRCUIT ROOM CONTROLLER FOR ROOMS WITH TWO DIMMING ZONES.
 - SINGLE CIRCUIT ROOM CONTROLLER FOR ROOMS WITH THREE DIMMING ZONES.
 - PLUG LOAD CONTROLLER
 - DAYLIGHT SENSOR
 - 4 SCENE DIMMING CONTROL STATION
 - MANUAL ON AND OFF KEY SWITCH
 - MAIN ENTRY MANUAL ON AND OFF WITH DIMMER FOR ZONE 'a'
 - MAIN ENTRY MANUAL ON AND OFF WITH DIMMER FOR ZONE 'a' & 'b'
 - MAIN ENTRY MANUAL ON AND OFF WITH DIMMER FOR ZONE 'a' & 'b' & 'c'
 - MAIN ENTRY MANUAL DIMMERS FOR ZONE 'a', 'b' & 'c'
- GENERAL NOTES**
- REFERENCE SPECIFICATION SECTION 260923 DIGITAL LIGHTING CONTROL SYSTEM FOR ADDITIONAL SCOPE OF WORK.
 - ITEMS RC1 RC2 RC3 PL TO BE WALL MOUNTED ABOVE THE ROOM ENTRY DOOR, ABOVE THE CEILING IN ALL ROOMS WITH T-BAR CEILINGS.
 - ITEMS RC2 RC3 PL TO BE LOCATED WITHIN A 24" x 24" RECESSED ENCLOSURE WITH HINGED LOCKING COVER LOCATED ABOVE THE ROOM ENTRY DOOR IN ALL ROOMS WITH INACCESSIBLE CEILINGS OR WITHOUT CEILING.
 - ALL 0-10V WIRING AND CAT 5E WIRING MAY BE INSTALLED AS OPEN WIRE WHERE ABOVE ACCESSIBLE CEILINGS. WHERE ABOVE INACCESSIBLE OR EXPOSED CEILINGS IT SHALL BE INSTALLED IN CONDUIT.
 - WHERE OCCUPANCY SENSORS AND DAYLIGHT SENSORS ARE SHOWN ON PLAN IN SPECIFIC ROOMS, FOLLOW FOLLOW FLOOR PLAN FOR QUANTITY AND LOCATION OF SENSOR LOCATIONS.

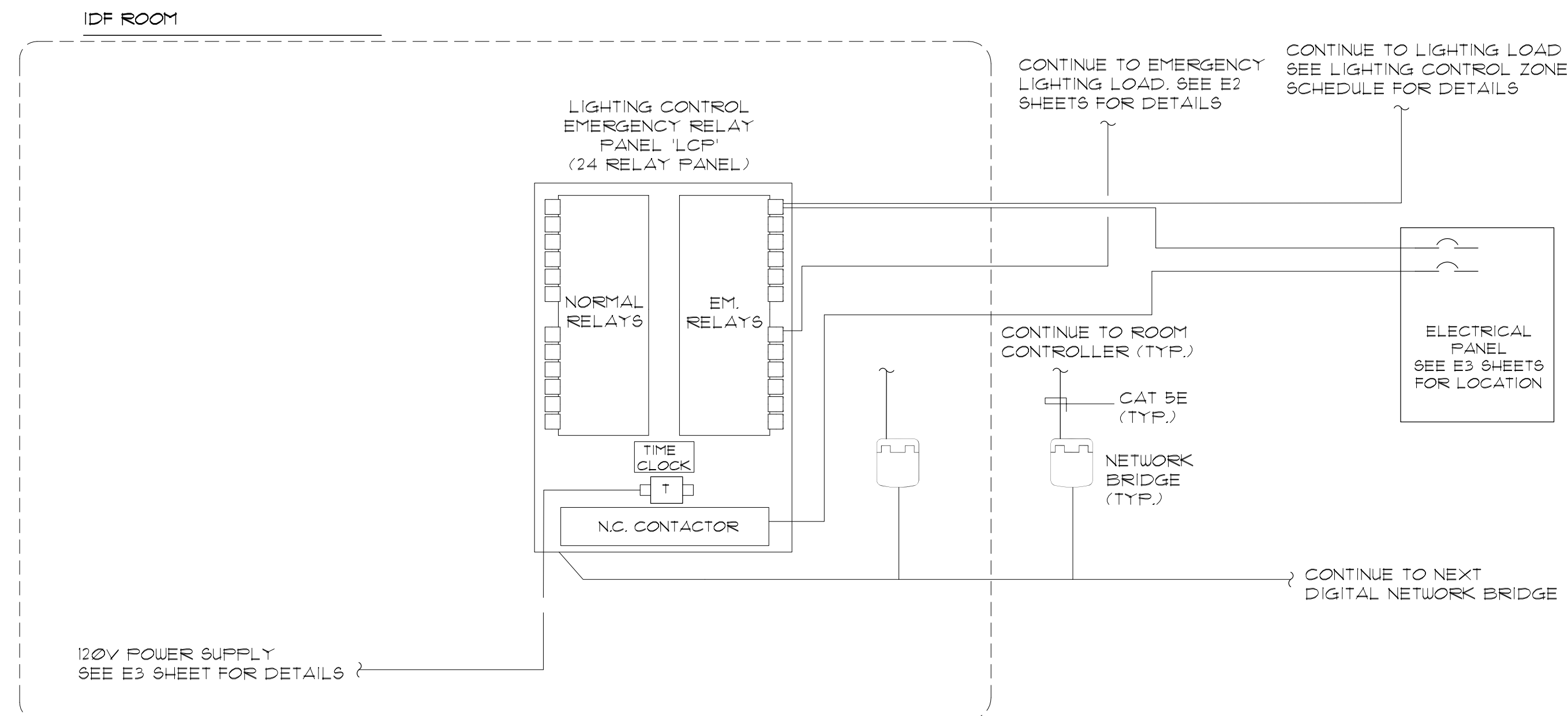


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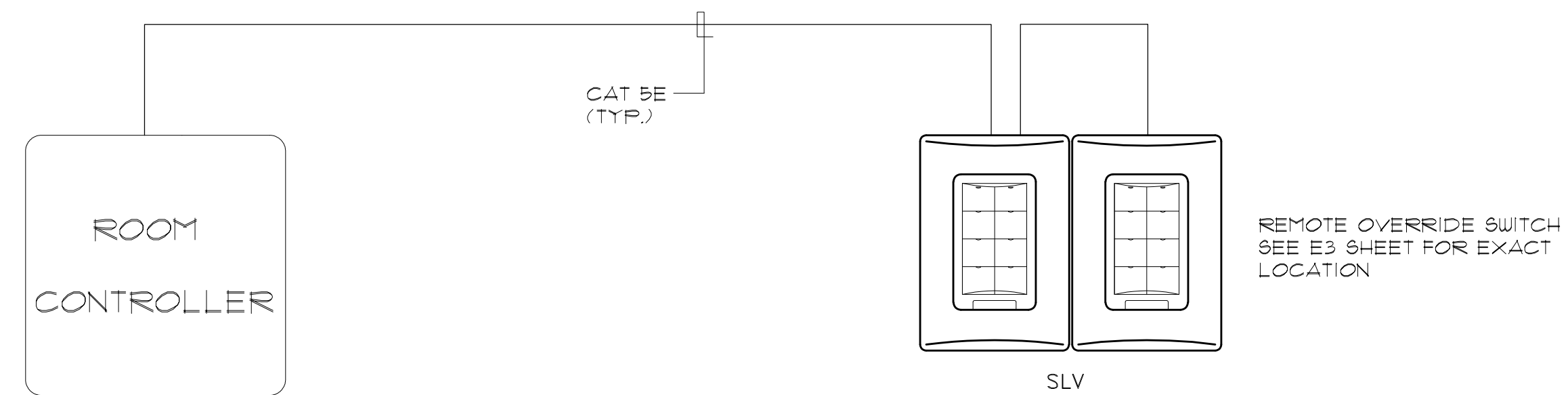
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MATER LIGHTING CONTROL

NO SCALE



TYPICAL OVERRIDE SWITCH INSTALLATION DETAIL

NO SCALE

[illegible]

REMOTE OVERRIDE CONTROL STATION				
BLDG.	SWITCH LOCATED IN	ZONES CONTROLLED	CONDUIT / WIRE TO CONTROL PANEL	SWITCH IDENTIFICATION
BLDG	CUSTODIAN	ALL ZONES INDIVIDUALLY	SEE NOTE (1)(2)(3)(4)	SLV-A

KEY NOTES:

- ① DURING 'OFF' TIME PERIODS THE OVERRIDE STATION WHEN PUSHED WILL TURN ON THE ZONE FOR A PERIOD OF 5 HOURS.
- ② PROVIDE ENGRAVED ZONE DESCRIPTION IDENTIFICATIONS FOR EACH SWITCH TO MATCH DESCRIPTION SHOWN IN ZONE SCHEDULE.#
- ③ PROVIDE 1" C. AND 2" B FOR EACH ZONE. CONTROL SWITCH PLUS 1" X 12 COMMON FOR EVERY (6) ZONE CONTROL SWITCHES. VERIFY EXACT NUMBER OF CONDUCTORS AT TIME OF SUBMITTAL. ABC = (3) ZONES AND (3) SEPARATE ON-OFF SWITCHES, AB = (2) ZONES AND (2) SEPARATE ON-OFF SWITCHES, ETC.
- ④ PROVIDE IN FLUSH MOUNTED BOX WITH KEY LOCKING COVER.

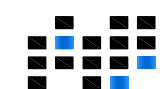
LIGHTING CONTROL SCHEDULE

NO SCALE



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LIGHTING CONTROL DIAGRAMS

**La Puente
ACTIVITY CENTER**

501 GLENDORA AVE. LA PUENTE, CA. 91744

CITY APPROVAL

PROJECT NO.: 22008

R.S.

A.P.

FILE NAME

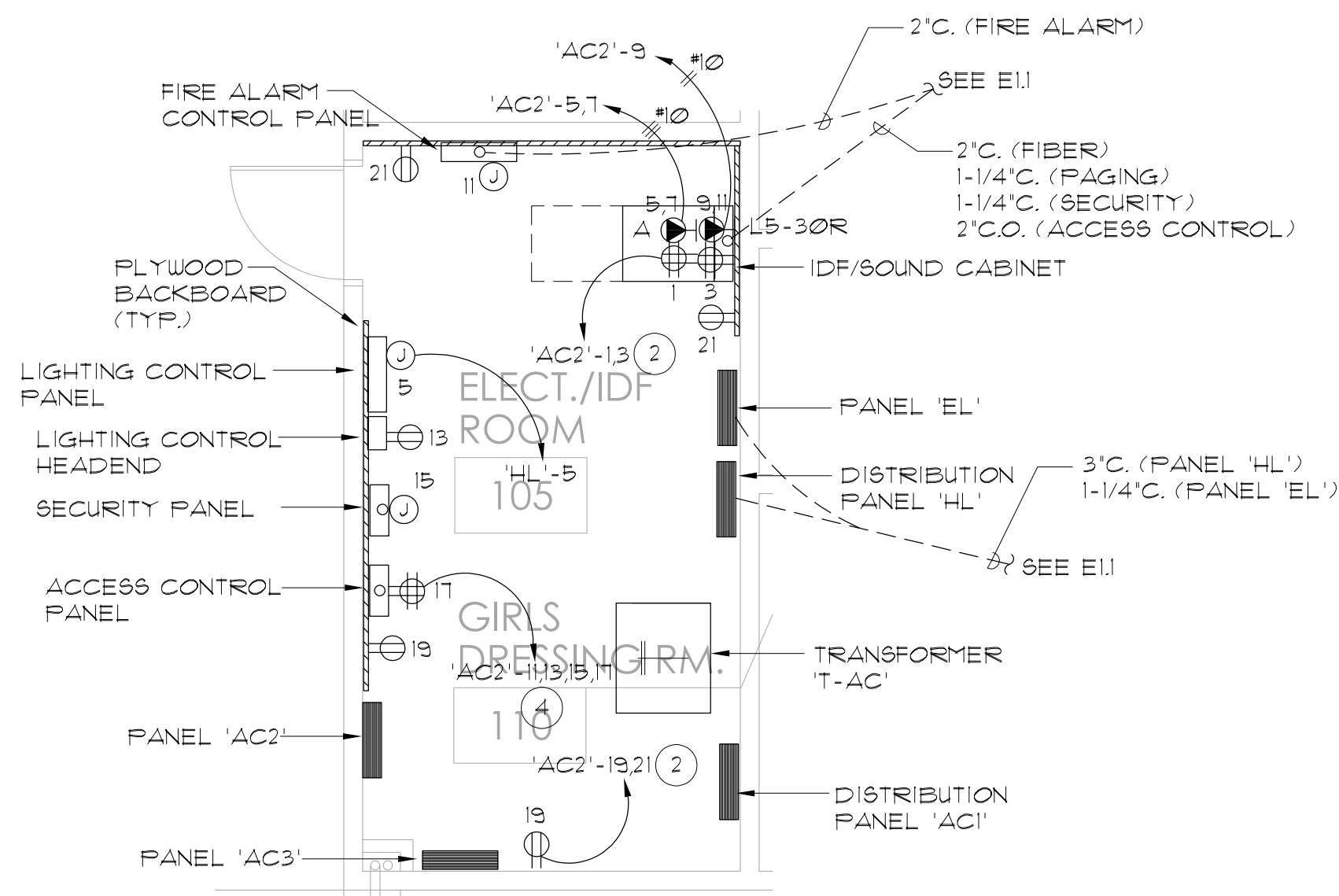
DATE: 12/05/2025

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E2.5

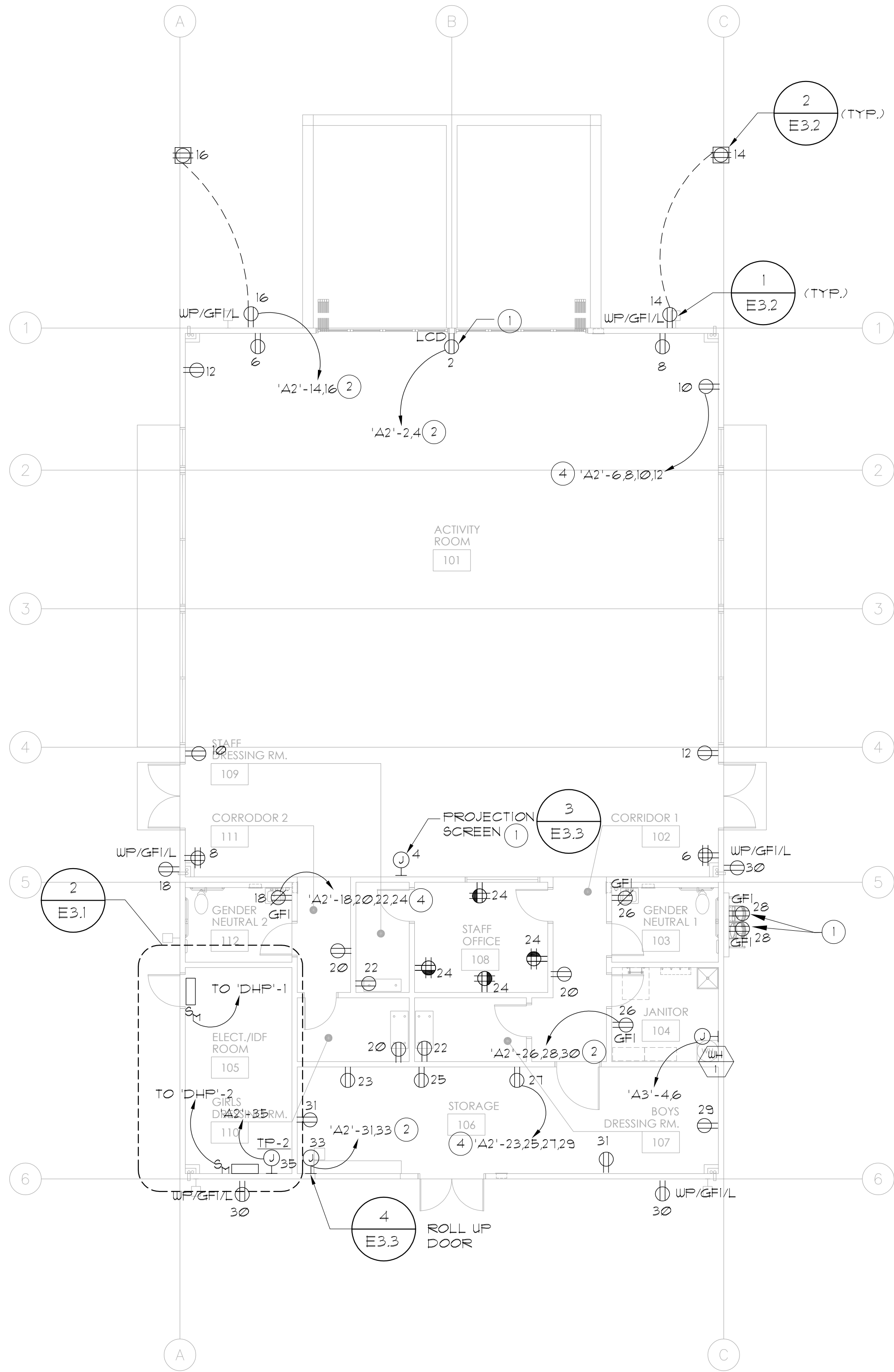
OF SHEETS



ENLARGED ROOM PLAN

1/4" = 1'-0"

2
E3.1



GENERAL NOTES:

- REFERENCE ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT LOCATION OF ALL WALL MOUNTED POWER DEVICES WHERE INDICATED AT MOUNTING HEIGHTS OTHER THAN 48".
- REFERENCE E3 AND E8 SERIES SHEETS FOR TYPICAL CONDUIT AND BACKBOX INSTALLATION DETAILS.
- NUMBERS ADJACENT TO EACH POWER DEVICE INDICATES THE CIRCUIT NUMBER TO WHICH THE DEVICE IS TO BE CONNECTED.
- CIRCUIT HOMERUNS ARE INDICATED TO SHOW THE LOCATION AND NUMBER OF CIRCUITS TO BE GROUPED TOGETHER.
- PROVIDE MINIMUM 3/4" CONDUIT AND #12 CIRCUIT CONDUCTORS AS REQUIRED TO CONNECT EACH POWER DEVICE TO THEIR INDICATED CIRCUIT (U.O.N.).
- FIELD VERIFY EXACT ROUTING LOCATION FOR CONCEALED CONDUITS AND RECEPTACLES PRIOR TO ROUGH-IN.

KEY NOTES:

- FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- 2 #12 (HOT), 1 #10 (NEUTRAL), 1 #12 (GND), 3/4" C.
- 3 #12 (HOT), 1 #10 (NEUTRAL), 1 #12 (GND), 3/4" C.
- 4 #12 (HOT), 2 #10 (NEUTRAL), 1 #12 (GND), 3/4" C.



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FLOOR PLAN -
POWER

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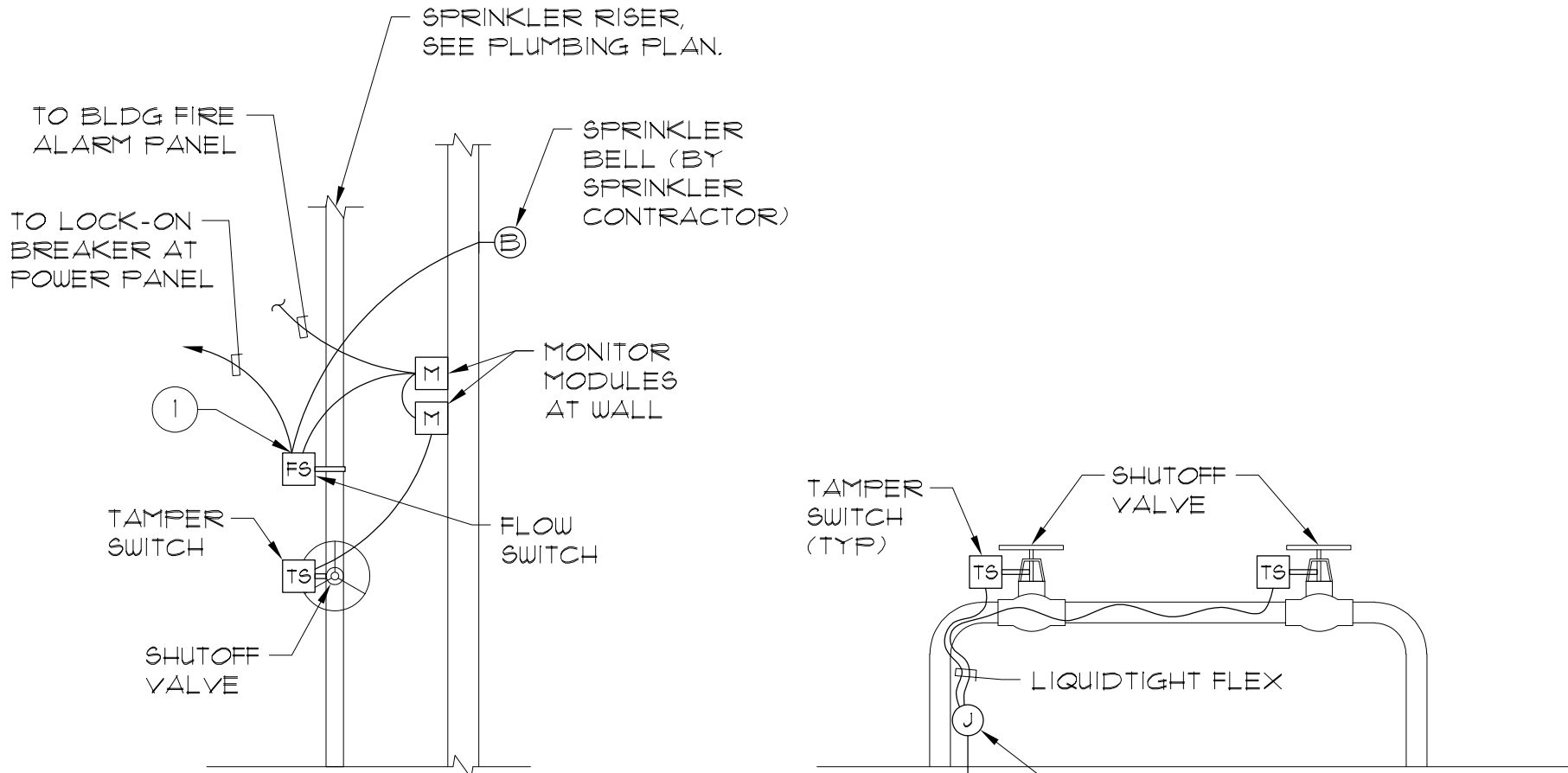
FLOOR PLAN - POWER

1/8" = 1'-0"

1

#21116

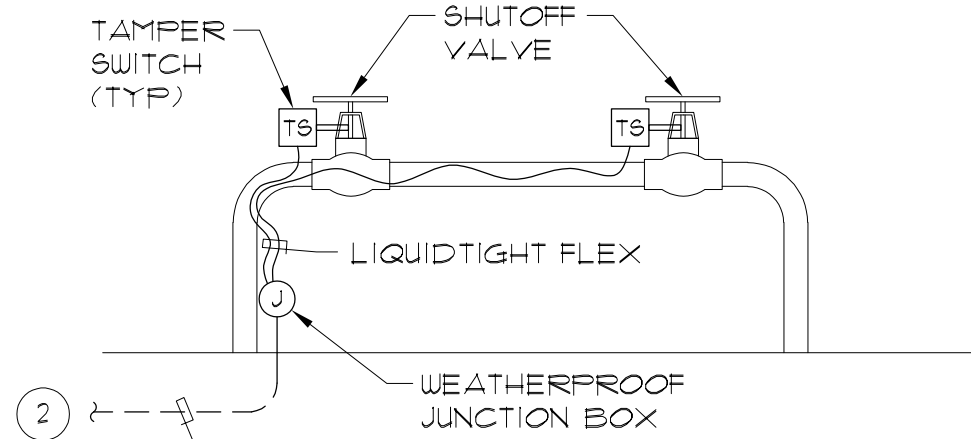
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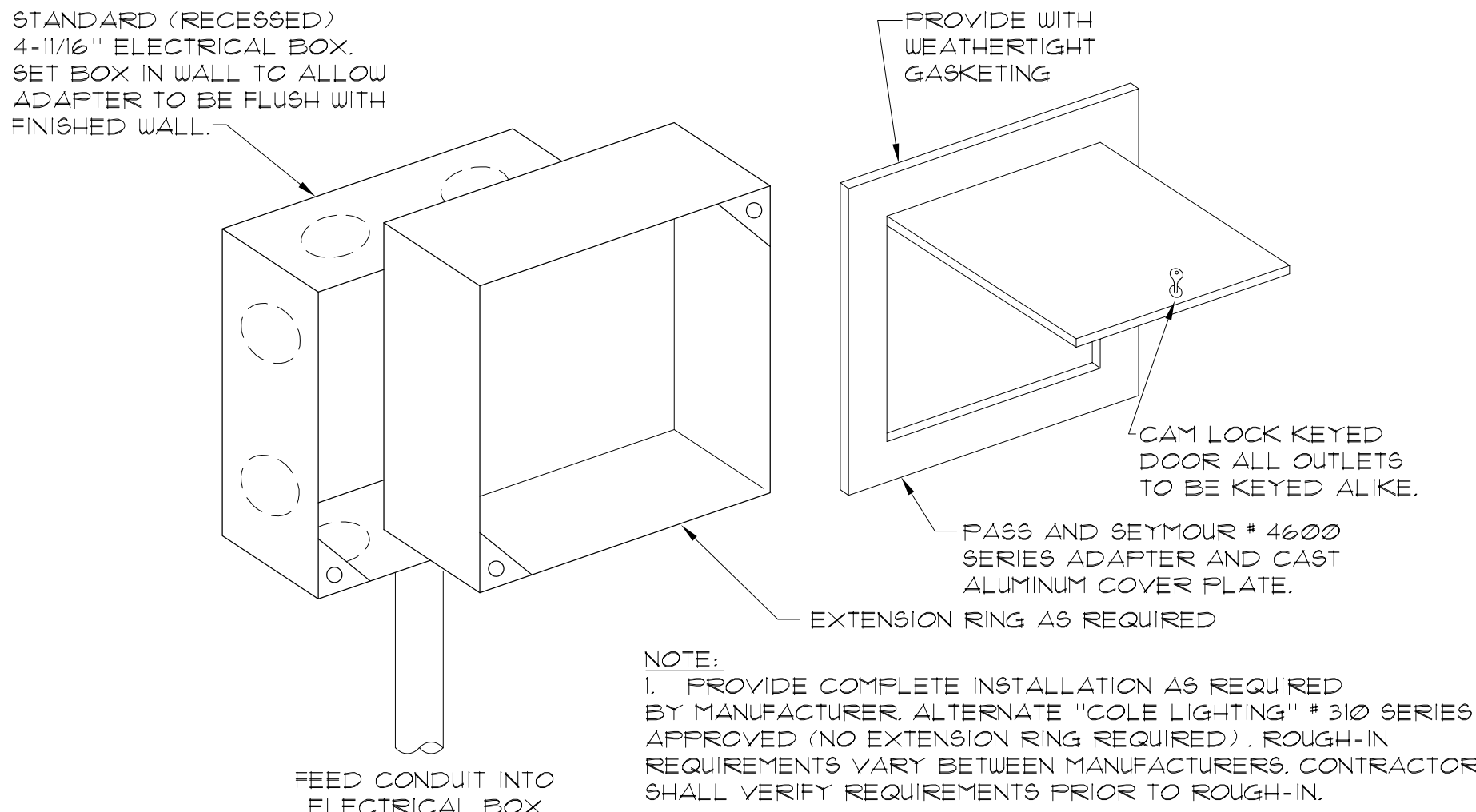
BUILDING SPRINKLER RISER

KEY NOTES:

- 1 TAMPER SWITCH AUXILIARY CONTACTS TO ACTIVATE SPRINKLER BELL.
- 2 PROVIDE CONNECTION TO MONITOR MODULE LOCATED IN FIRE RISER ROOM OR ABOVE NEAREST ACCESSIBLE CEILING IN NEAREST BUILDING.



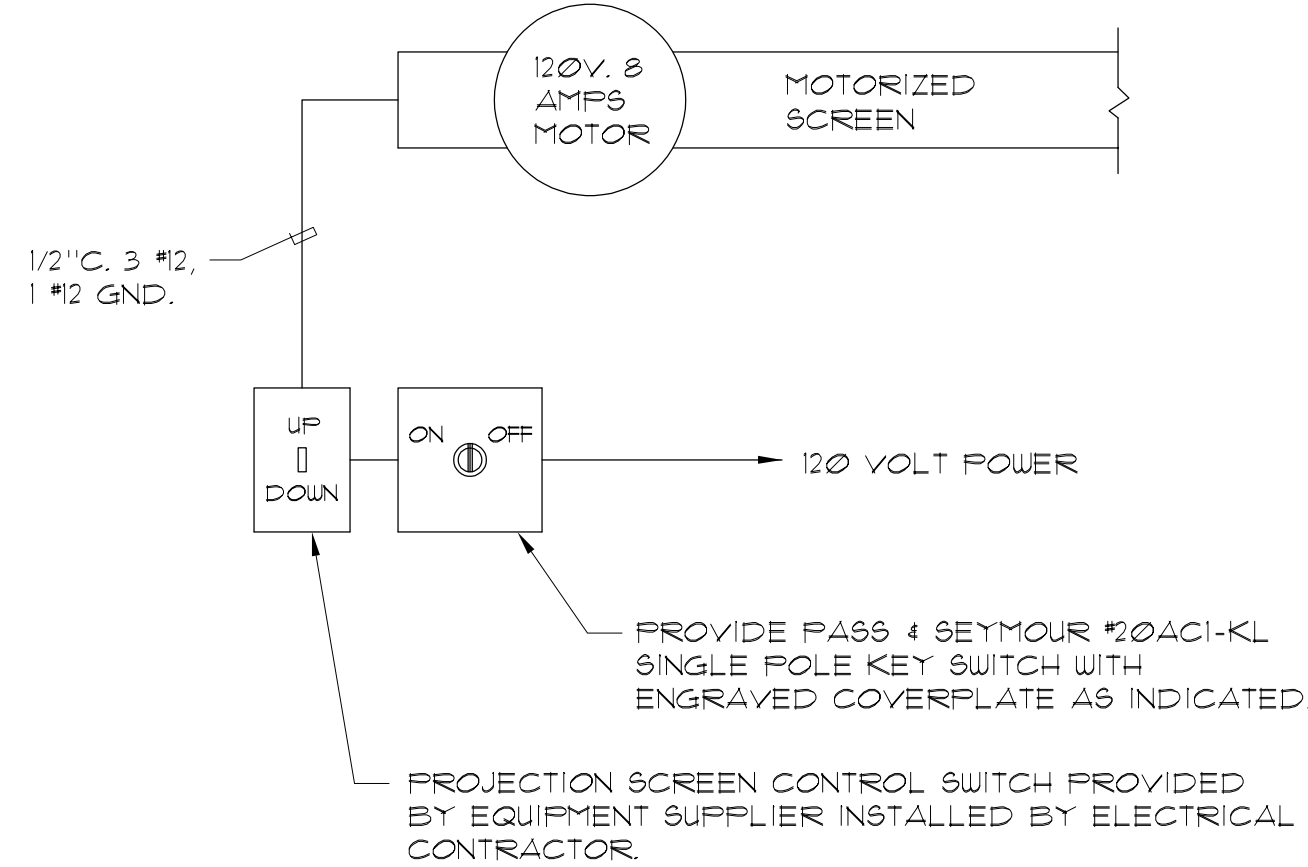
BACKFLOW PREVENTION ASSEMBLY



NOTE:
1. PROVIDE COMPLETE INSTALLATION AS REQUIRED BY MANUFACTURER. ALTERNATE "COLE LIGHTING" # 310 SERIES APPROVED (NO EXTENSION RING REQUIRED). ROUGH-IN REQUIREMENTS VARY BETWEEN MANUFACTURERS. CONTRACTOR SHALL VERIFY REQUIREMENTS PRIOR TO ROUGH-IN.

WP/GFI/L
WP/L
WP/L

TYPICAL WHERE THESE SYMBOLS APPEAR ON DRAWINGS.



NOTE:
VERIFY EXACT INSTALLATION REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.

TYPICAL FIRE SPRINKLER SYSTEM CONNECTION DETAILS

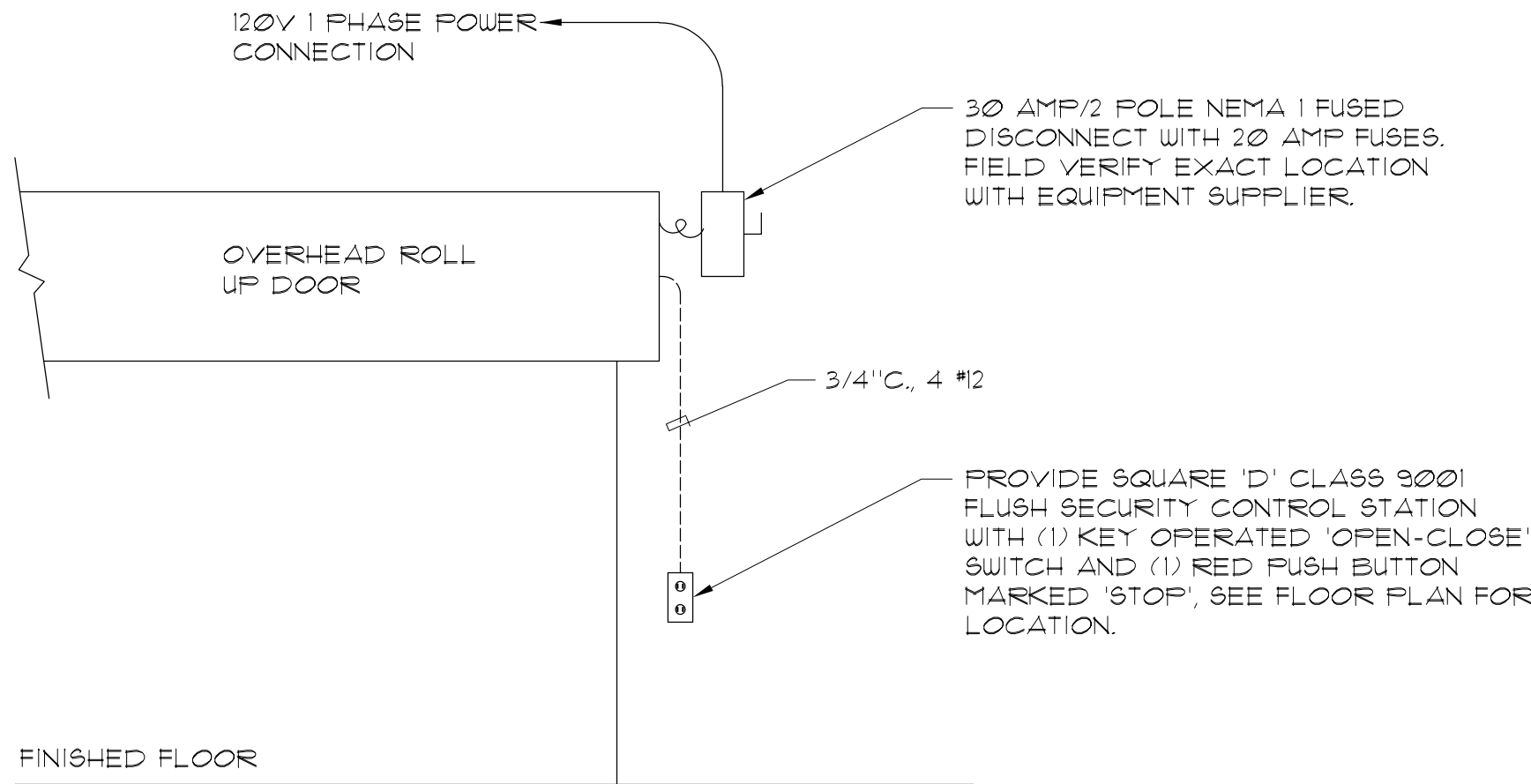
NO SCALE

TYPICAL WEATHERPROOF/LOCKING RECEPTACLE COVER

NO SCALE

MOTORIZED SCREEN WIRING DIAGRAM

NO SCALE



ROLL-UP DOOR WIRING DIAGRAM

NO SCALE

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POWER DETAILS

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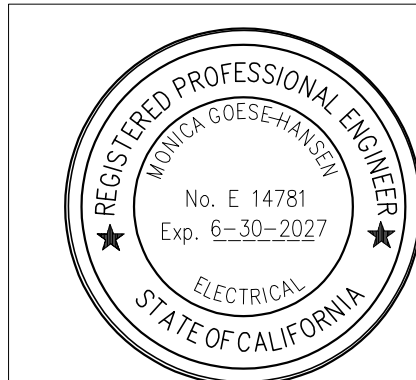
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



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





















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TECHNOLOGY SYMBOL LEGEND				
SYMBOL	DESCRIPTION	BACKBOX 4 RING	FACE PLATE	CONDUIT / RACEWAY
	Single port data outlet, +18" AFF. (U.O.N.)	Type 'B1'	Type 'AR'	Type '1-5'
	Dual port data outlet, +18" AFF. (U.O.N.)	Type 'B1'	Type 'AR'	Type '1-5'
	Triple port data outlet, +18" AFF. (U.O.N.)	Type 'B1'	Type 'AR'	Type '1-5'
	Quad port data outlet, +18" AFF. (U.O.N.)	Type 'B1'	Type 'AR'	Type '1-5'
	Audio-visual local origination (LO) with dual port data outlet (D) @+18" AFF. (U.O.N.)	Type 'B1' (D) Type 'B5' (LO) side by side. ①	Type 'AR' (D) Type 'C3' (LO)	Type '1-5' (D) Type '1-1/4-5' (LO)
	Dual port data outlet, wall mounted at projector location. Height to match projector height.	Type 'B1'	Type 'AR'	Type '3/4-5'
	Wall mounted projector per drawing details. Height per floor plans. See detail ④ E4.10	Type 'B2'	Type 'C3'	Type '1-5'
	Sound system speaker wall mounted, height per plans (U.O.N.) ('A' equals speaker type, see specifications for complete description). WP=Weather resistant.	Type 'B1'	Type 'C3'	Type '1-5'
	Microphone outlet, wall mounted at +18" AFF. (U.O.N.). Number indicates quantity of outlets. 'WP' indicates weatherproof enclosure.	Type 'B1'	Type 'C3'	Type '1-5'
	Audio-Visual control panel outlet, +48" AFF. (U.O.N.). Refer to drawing details.	See detail ① E4.11	See detail ① E4.11	Type '3/4-5' ⑦
	Same device as required on legend, mounted +6" above backplash (U.O.N.)	Same as required for device indicated on legend.	Same as required for device indicated on legend.	Same as required for device indicated on legend.
	Same device as required on legend, except surface mounted box.	Same as required for device indicated on legend.	Same as required for device indicated on legend.	Same as required for device indicated on legend.
	Single port data outlet at wireless access point ceiling mounted. See detail ① E4.8	N/A	Type 'AR'	Not required in accessible ceiling.
	Single port data outlet at wireless access point wall mounted @+10'-0" AFF. (U.O.N.)	See detail ① E4.8	Type 'C1'	Type '3/4-5'
	Single port data outlet for exterior WAP location. Access Point to be installed on exterior of building. Height per floor plans. ②	See Detail ② E4.8	See Detail ② E4.8	Type '1-5' Not required in accessible ceiling. ②

BACKBOX AND RING LEGEND	
TYPE	DESCRIPTION
'B1'	4 11/16" square 2 1/8" deep box with single gang ring.
'B2'	4 11/16" square 2 1/8" deep box with dual gang ring.
'B3'	4" square 1 1/2" deep box with single gang ring.
'B4'	Single gang box, 2 1/8" deep.
'B5'	4-11/16" Square 3" deep box with dual gang ring.

'C1'	Provided by 21 10 00 contractor.
'C2'	Provided by 21 21 00 contractor.
'C3'	Provided by 21 20 00 contractor.
'C4'	Provided by 21 51 16 contractor.
'C5'	Provided by 28 13 00 contractor.
'C6'	Provided by 28 23 00 contractor.
'C7'	Provided by xx xx xx contractor.

FACEPLATE LEGEND	
TYPE	DESCRIPTION
'AR'	As required to accommodate the number of ports designated.
'BP'	Blank faceplate.

COMMUNICATION / SECURITY SYMBOL LEGEND				
SYMBOL	DESCRIPTION	BACKBOX 4 RING	FACE PLATE	CONDUIT / RACEWAY
	Telephone outlet with staff type phone, +18" AFF. (U.O.N.) (W indicates wall mount at +48" AFF.) Height per detail 1/E10	Type 'B3'	Type 'C1'	Type '3/4-5'
	Direct Phone Trunk outlet, +18" AFF. (U.O.N.) (W indicates wall mount at +48" AFF.)	Type 'B3'	Type 'C1'	Type '3/4-5'
	Analog Intercom Speaker recessed in ceiling. A=Page zone	Type 'C4' ③	Type 'C4' ③	Type '3/4-5'
	Analog Intercom Speaker, recessed in exterior wall @ +8'-0" AFF. (U.O.N.) A=Page zone	Type 'C4', installed by electrical contractor. ③	Type 'C4'	Type '3/4-5'
	Analog Intercom Horn recessed in exterior wall @ +8'-0" AFF. (U.O.N.) B=Page Zone	Type 'C4', installed by electrical contractor. ④	Type 'C4'	Type '3/4-5'
	Volume control for intercom system, mounted at +48" AFF. (U.O.N.) Height per detail 1/E10	Type 'B3'	Type 'C4'	Type '3/4-5'
	Security glass break sensor flush mounted @+10'-0" AFF. (U.O.N.)	Type 'B1'	Type 'C5'	Type '3/4-5'
	Security keypad wall mounted at +48" AFF. (U.O.N.) Height per detail 1/E10	Type 'B2'	Type 'C5'	Type '3/4-5'
	Security motion sensor ceiling mounted.	Not required in accessible ceiling.	Type 'C5'	Type '3/4-5'
	Security motion sensor wall mounted at 6' below ceiling, or +10'-0" AFF. (U.O.N.) whichever is lower.	Type 'B3'	Type 'C5'	Type '3/4-5'
	Security door contact.	Type 'B4'	Type 'C5'	Type '3/4-5'
	Surveillance camera, wall mounted exterior type with dual port data outlet. Height as shown on floor plans	Type 'B1' ⑥	Type 'C6' (Weatheright) ⑥	Type '1-5'
	Surveillance camera, wall mounted interior type with dual port data outlet, mounted 6' below ceiling or +10'-0" whichever is lower (U.O.N.)	Type 'B1' ⑥	Type 'C6' ⑥	Type '1-5'
	Surveillance camera, interior type with dual port data outlet mounted in ceiling.	Type 'B2' ⑥	Type 'C6' ⑥	Type '1-5'
	Access control card reader. Refer to details on sheet E4.13 for additional information.	See details on Sheet E4.13	See details on Sheet E4.13	See details on Sheet E4.13
	Junction Box above door for access controls at door. Refer to details on sheet E4.13 for additional information.	See details on Sheet E4.13	See details on Sheet E4.13	See details for conduit requirements for all door types.
	Low-voltage projector screen switch @+48" AFF. (U.O.N.) See detail ① E4.11	Type 'B1'	Type 'C3'	Type '3/4-5'
	J-Box for Future Low-Voltage Devices @+18" AFF. (U.O.N.)	Type 'B1'	Blank Plate Color to Match	Type '1-5'
	Conduit sleeve through wall, above accessible ceiling.	Not required. ② E4.6	Not required.	(1) 3"C. for open low voltage wiring.
	Conduit sleeve through wall, above accessible ceiling.	Not required. ② E4.6	Not required.	(1) Conduit for open low voltage wiring, size as indicated.
	Conduit sleeve through wall, above accessible ceiling.	Not required. ② E4.6	Not required.	Multiple Conduits for open low voltage wiring, size and quantity as indicated.
	Conduit stubbed above accessible ceiling.	Not required.	Not required.	Conduit for open low voltage wiring. Refer to legend for size.
	Conduit stubbed above accessible ceiling.	Not required.	Not required.	(1) conduit for open low voltage wiring, size as indicated.
	Conduit stubbed above accessible ceiling.	Not required.	Not required.	Conduit for open low voltage wiring, size and quantity as indicated.

- GENERAL NOTES:
- ALL CONDUITS WHICH ARE REQUIRED AS A PART OF SYSTEMS SPECIFIED FOR COMMUNICATIONS, TELEPHONE, INTERCOM, CLOCK FIRE ALARM, SECURITY, SOUND SYSTEMS, DATA NETWORKING, OR AUDIO-VISUAL SYSTEMS SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
 - THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL CONDUIT REQUIREMENTS WITH EACH SYSTEM SUPPLIER PRIOR TO BID TO DETERMINE SPECIAL CONDUIT SYSTEM REQUIREMENTS.
 - THE ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT SLEEVES FOR ALL OPEN CABLE INSTALLATIONS THROUGH RATED WALLS, BLOCK WALLS AND WHERE SHOWN ON THE DRAWINGS. PROVIDE CONDUIT FROM EACH BUILDING MAIN TERMINATION CABINET OR BACKBOARD TO THE NEAREST ACCESSIBLE CEILING FOR ACCESS INTO ALL ELECTRICAL OR COMMUNICATIONS ROOMS.
 - ALL CONDUIT, BOXES, AND RINGS SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
 - ALL BLANK PLATES SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. (UNLESS OTHERWISE NOTED)
 - ALL CONDUITS SHALL BE FURNISHED WITH FULL STRINGS BY ELECTRICAL CONTRACTOR. COMMUNICATION CONTRACTOR TO PROVIDE POLYARIMIO FULL TAPE WITH NEW CABLING INTO ALL CONDUITS BETWEEN BUILDINGS. SEE SPECIFICATIONS FOR REQUIREMENTS.
 - CONTRACTOR TO REVIEW ARCHITECTURAL CEILING PLANS TO DETERMINE LOCATIONS OF ACCESSIBLE CEILING'S PRIOR TO BID.
 - (21000) NUMBERS INDICATE MATCHING SPECIFICATION SECTION RESPONSIBLE FOR THIS WORK.
 - IN ADDITION TO THE ABOVE REQUIREMENTS, THE FOLLOWING REQUIREMENTS SHALL APPLY TO ALL DATA/VOICE, PAGING, AUDIO-VISUAL, SECURITY AND CLOCK CONDUITS:
 - FLEXIBLE METAL CONDUIT MAY BE USED ONLY WHERE REQUIRED AT BUILDING SEISMIC AND/OR EXPANSION JOINTS.
 - ALL UNDERGROUND CONDUITS SHALL BE PROVIDED WITH MINIMUM 24" RADIUS ELBOWS.
 - NO LENGTH OF CONDUIT SHALL BE INSTALLED TO EXCEED 150 FEET BETWEEN FULL BOXES, OR POINTS OF CONNECTION, UNLESS WHERE SPECIFICALLY DETAILED ON THE DRAWINGS.
 - NO LENGTH OF CONDUIT SHALL BE INSTALLED TO EXCEED TWO 90 DEGREE BENDS BETWEEN FULL BOXES, OR POINTS OF CONNECTION, UNLESS WHERE SPECIFICALLY DETAILED ON THE DRAWINGS.
- KEY NOTES:
- JUNCTION BOXES FOR DATA AND AUDIO-VISUAL CONNECTIONS MUST BE SEPARATE. AUDIO-VISUAL JUNCTION BOX SHALL BE AS SHOWN IN THE DRAWING DETAILS.
 - DATA CABLING AND FACEPLATE FOR SYMBOL FURNISHED AND INSTALLED BY 21000 CONTRACTOR.
 - SPEAKER BACKBOX AND DEVICE TO BE FURNISHED AND INSTALLED BY 21 51 16 CONTRACTOR.
 - HORN BACKBOX AND DEVICE TO BE FURNISHED BY 21 51 16 CONTRACTOR. BACKBOX TO BE INSTALLED BY DIVISION 26 CONTRACTOR.
 - IP DIGITAL CAMERA LOCATIONS SHALL BE FURNISHED WITH (2) DATA CABLES TERMINATED ON SURFACE MOUNT JACK. INSTALLED IN JUNCTION BOX. DATA CONNECTIONS FURNISHED AND INSTALLED BY 21000 CONTRACTOR. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 - REFER TO SHEET E4.9 FOR CAMERA MOUNTING DETAILS.
 - STUB CONDUIT IN WALL BEHIND CUSTOM MOUNTING BRACKET AT CONTROL PANEL LOCATION. COORDINATE WITH 21 20 00 CONTRACTOR FOR CUSTOM MOUNTING BRACKET REQUIREMENTS.

CONDUIT / RACEWAY LEGEND	
TYPE	DESCRIPTION
'3/4-5'	3/4" conduit stubbed from box into accessible ceiling space, unless detailed otherwise on drawings.
'1-5'	1" conduit stubbed from box into accessible ceiling space, unless detailed otherwise on drawings.
'1 1/4-5'	1 1/4" conduit stubbed from box into accessible ceiling space, unless detailed otherwise on drawings.



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CITY APPROVAL

PROJECT NO.: 22008

R.S.

A.P.

FILE NAME

DATE: 12/05/2025

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SHEET NO.

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GENERAL NOTES:

- REFERENCE ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT LOCATION OF ALL WALL MOUNTED DEVICES.
- REFERENCE E4 AND E8 SERIES SHEETS FOR TYPICAL CONDUIT AND BACKBOX INSTALLATION DETAILS.
- REFERENCE E4 SERIES SHEETS FOR TYPICAL COMMUNICATION SYSTEMS RISER DIAGRAM.
- REFERENCE RISER DIAGRAMS FOR TYPICAL CONDUIT SIZES AND ROUTINGS.

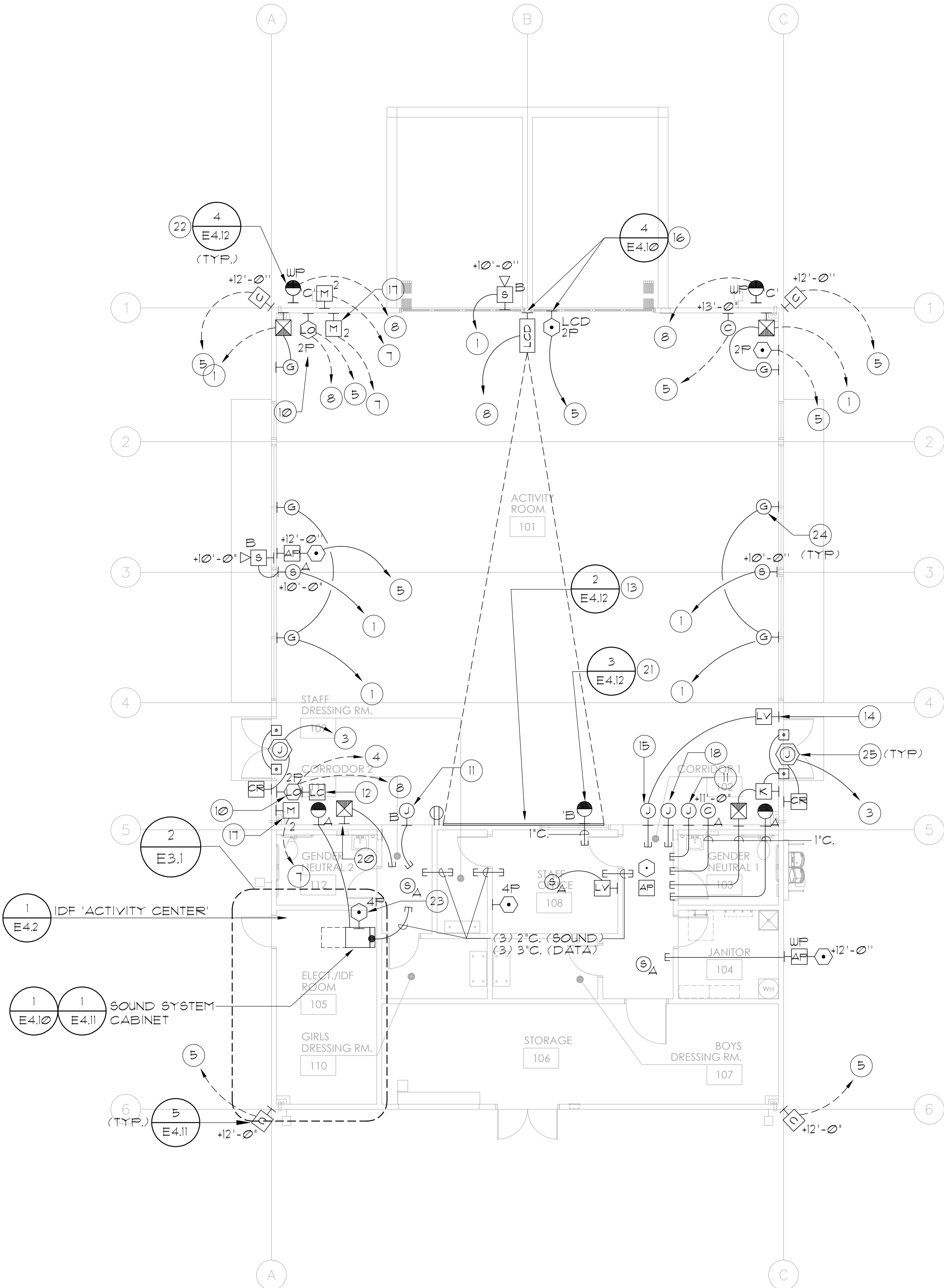
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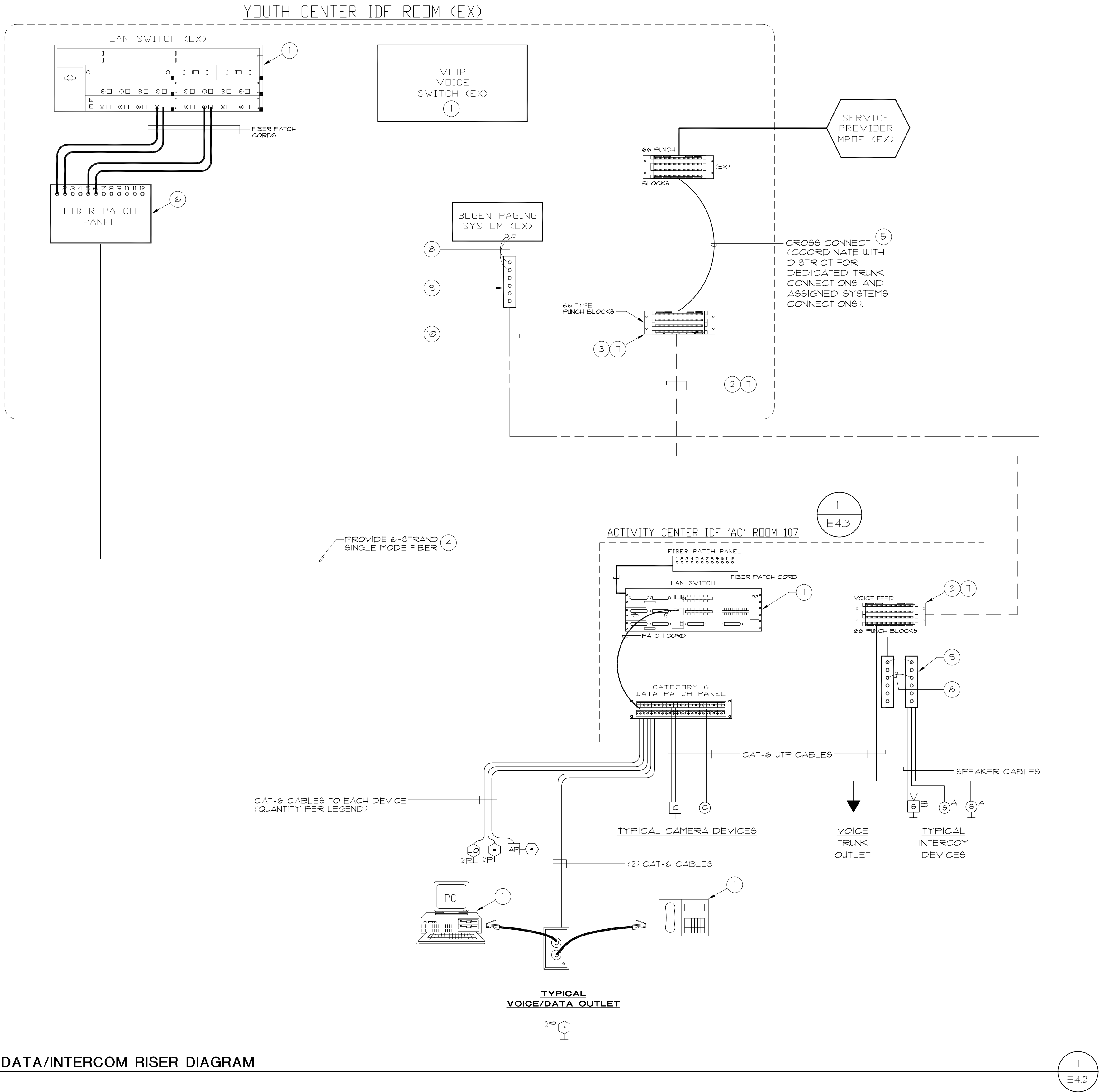
- 3/4"C. TO BUILDING COMMUNICATIONS BACKBOARD.
- 1"C. TO BUILDING COMMUNICATIONS BACKBOARD.
- 1-1/4"C. TO BUILDING COMMUNICATIONS BACKBOARD.
- 3/4"C. TO BUILDING 'IDF' LOCATION.
- 1"C. TO BUILDING 'IDF' LOCATION.
- 1-1/4"C. TO BUILDING 'IDF' LOCATION.
- 3/4"C. TO SOUND SYSTEM CABINET.
- 1"C. TO SOUND SYSTEM CABINET.
- 1-1/4"C. TO SOUND SYSTEM CABINET.
- PROVIDE LOCAL ORIGATION WALL PLATES WITH AV INPUTS AND DATA. SEE SPECIFICATIONS AND AV SYSTEM DIAGRAM FOR DETAILS.
- PROVIDE JUNCTION BOX FOR WIRELESS MICROPHONE ANTENNA #11'-0" AFF ON WALL. CHANNEL 'A' OR 'B' INDICATED NEXT TO SYMBOL.
- PROVIDE CUSTOM BACKBOX FOR TLP CONTROL PANEL. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. THE 21 20 00 CONTRACTOR SHALL PROVIDE (1) DATA DROP FROM AV CABINET LOCATION.
- PROVIDE WALL MOUNTED LARGE VENUE ELECTRIC TAB TENSIONED PROJECTION SCREEN WITH SURFACE MOUNT BRACKETS AND CONTROL CABLEING #13'-4" AFF. TO TOP OF SCREEN CASE.
- PROVIDE 3-POSITION SWITCH CONTROL FOR ELECTRICAL PROJECTION SCREEN. MOUNT #48" AFF. TIE CONTROL SWITCH INTO CONTROL MODULE AT SCREEN LOCATION.
- PROVIDE JUNCTION BOX AT PROJECTION SCREEN FOR LOW VOLTAGE CONTROL SYSTEM CONNECTION. COORDINATE LOCATION WITH 21 20 00 CONTRACTOR.
- PROVIDE LARGE VENUE LASER PROJECTOR AND CUSTOM LENS ASSEMBLY. WALL MOUNT PROJECTOR PER DRAWING DETAILS. LENS MUST MATCH FIELD VERIFIED THROW DISTANCE AND FILL SCREEN ENTIRELY. PROVIDE MOUNT AND ALL HARDWARE. SEE SPECIFICATIONS AND DRAWING DETAILS. MOUNT #13'-0" AFF. TO HEIGHT OF PROJECTOR LENS. PROVIDE PROJECTOR JUNCTION BOX AT HEIGHT SHOWN IN DRAWING DETAIL. MATCH DATA OUTLET HEIGHT TO PROJECTOR J-BOX.
- PROVIDE DUAL WIRED MICROPHONE WALL PLATE #18" AFF. ALONGSIDE THE LO' INPUT PLATES. SEE SPECIFICATIONS AND AV SYSTEM DIAGRAM FOR DETAILS.

- J-BOX FOR ASSISTIVE LISTENING SYSTEM ANTENNA. #11'-0" AFF.
- DOOR CONTACT AT ROOF HATCH.
- SPEAKER SYMBOL REPRESENTS MAIN SPEAKER. MOUNT SPEAKER #14'-0" AFF. TO TOP OF SPEAKER BRACKET. PROVIDE MOUNTING BRACKET PER DETAILS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- SPEAKER SYMBOL REPRESENTS SUBWOOFER. FLOWN ON WALL. MOUNT SUBWOOFER #16'-0" TO TOP OF SUBWOOFER. PROVIDE MOUNTING BRACKET PER DETAILS. SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- SPEAKER SYMBOL REPRESENTS EXTERIOR SPEAKER. MOUNT SPEAKER #13'-0" AFF. TO CENTER OF SPEAKER. MOUNT SPEAKER VERTICALLY. PROVIDE MOUNTING BRACKET PER DETAILS. SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

KEY NOTES (CONT):

- PROVIDE 4-PORT DATA OUTLET IN SOUND CABINET. COORDINATE LOCATION WITH 21 20 00 CONTRACTOR.
- COORDINATE HEIGHT AND LOCATION OF GLASS BREAK SENSORS WITH DOOR CONTRACTOR AND GENERAL CONTRACTOR.
- ACCESS CONTROL CONDUIT AND CABLING PER DETAILS





VOICE/DATA/INTERCOM RISER DIAGRAM
NO SCALE

GENERAL NOTES:

1. UNLESS OTHERWISE NOTED, ALL ITEMS ARE TO BE FURNISHED AND INSTALLED BY 21000 CONTRACTOR.
2. ALL CONDUITS, POWER OUTLETS AND GROUNDING CONNECTIONS, BACKBOARDS TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
3. REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS, AND FLOOR PLANS FOR ADDITIONAL EQUIPMENT ITEMS REQUIRED, AND THEIR LOCATIONS.
4. WHERE OPEN CONDUCTORS ARE INSTALLED ABOVE ACCESSIBLE CEILINGS, ALL CONDUCTORS SHALL BE NEATLY BUNDLED TOGETHER AND SUPPORTED FROM ROOF STRUCTURE. WHERE BUNDLED WITH OTHER COMMUNICATION SYSTEMS, IDENTIFYING TAGS SHALL BE PROVIDED TO IDENTIFY THESE CONDUCTORS FROM OTHER SYSTEMS.
5. CONTRACTOR TO COORDINATE QUANTITY, SIZE AND LOCATION OF CONDUIT SLEEVES THRU RATED WALLS WITH ELECTRICAL CONTRACTOR PRIOR TO BID. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT SLEEVES AND FIRE PENETRATION SEAL AFTER CABLES ARE INSTALLED.

KEY NOTES:

- 1 DISTRICT FURNISHED AND INSTALLED.
- 2 PROVIDE 25-PAIR VOICE TRUNK FEED CABLE.
- 3 TERMINATE VOICE FEED CABLE AT COMMUNICATIONS BACKBOARD. REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION.
- 4 PROVIDE OSP-RATED 6-STRAND SINGLE MODE FIBER OPTIC FEED CABLE. TERMINATE ALL FIBERS IN PATCH PANEL ON 'LC' TYPE CONNECTORS ON BOTH ENDS. PROVIDE QUANTITY AS NOTED.
- 5 CONTRACTOR SHALL FURNISH ALL TRUNK CROSS CONNECTIONS AND CABLING TO SYSTEMS AND LOCATIONS REQUIRING DIRECT TRUNK LINES. CONNECTIONS SHALL BE PROVIDED TO FIRE ALARM, SECURITY, ETC. AS SHOWN ON DRAWINGS.
- 6 PROVIDE NEW FULLY LOADED 12-PORT FIBER OPTIC PATCH PANEL IN EXISTING IDF CLOSET IN YOUTH CENTER. PROVIDE 'LC' TYPE BULKHEADS IN FIBER PATCH PANEL.
- 7 25-PAIR FEED CABLE SHALL BE USED FOR ANY VOICE TRUNK LINE REQUIREMENTS FROM EXISTING YOUTH CENTER.
- 8 INTERCOM SYSTEM CROSS-CONNECTS BY 21 51 16 CONTRACTOR FOR PAGE ZONE EXTENSION FROM YOUTH CENTER.
- 9 TERMINAL STRIPS FOR INTERCOM/PAGING SYSTEM CABLE TERMINATIONS.
- 10 PROVIDE (3) 1-PAIR AQUA SEAL #4QC225 1/8" AWG SPEAKER CABLES FROM EXISTING YOUTH CENTER IDF CLOSET TO NEW ACTIVITY CENTER IDF CLOSET.

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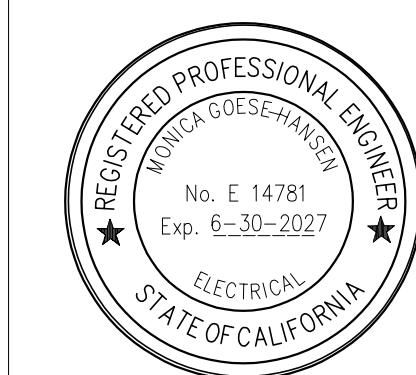
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VOICE/DATA/INTERCOM RISER DIAGRAM

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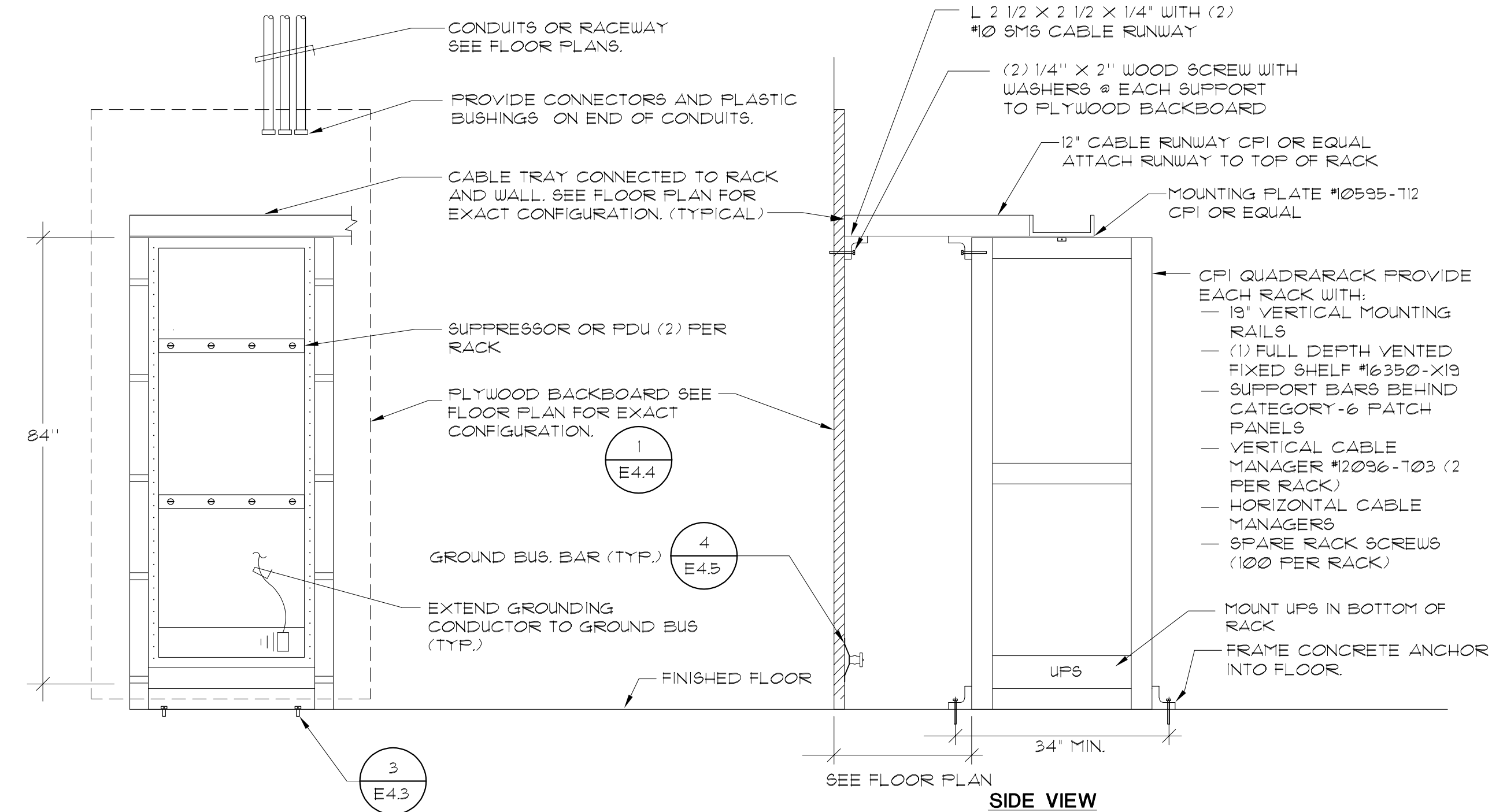
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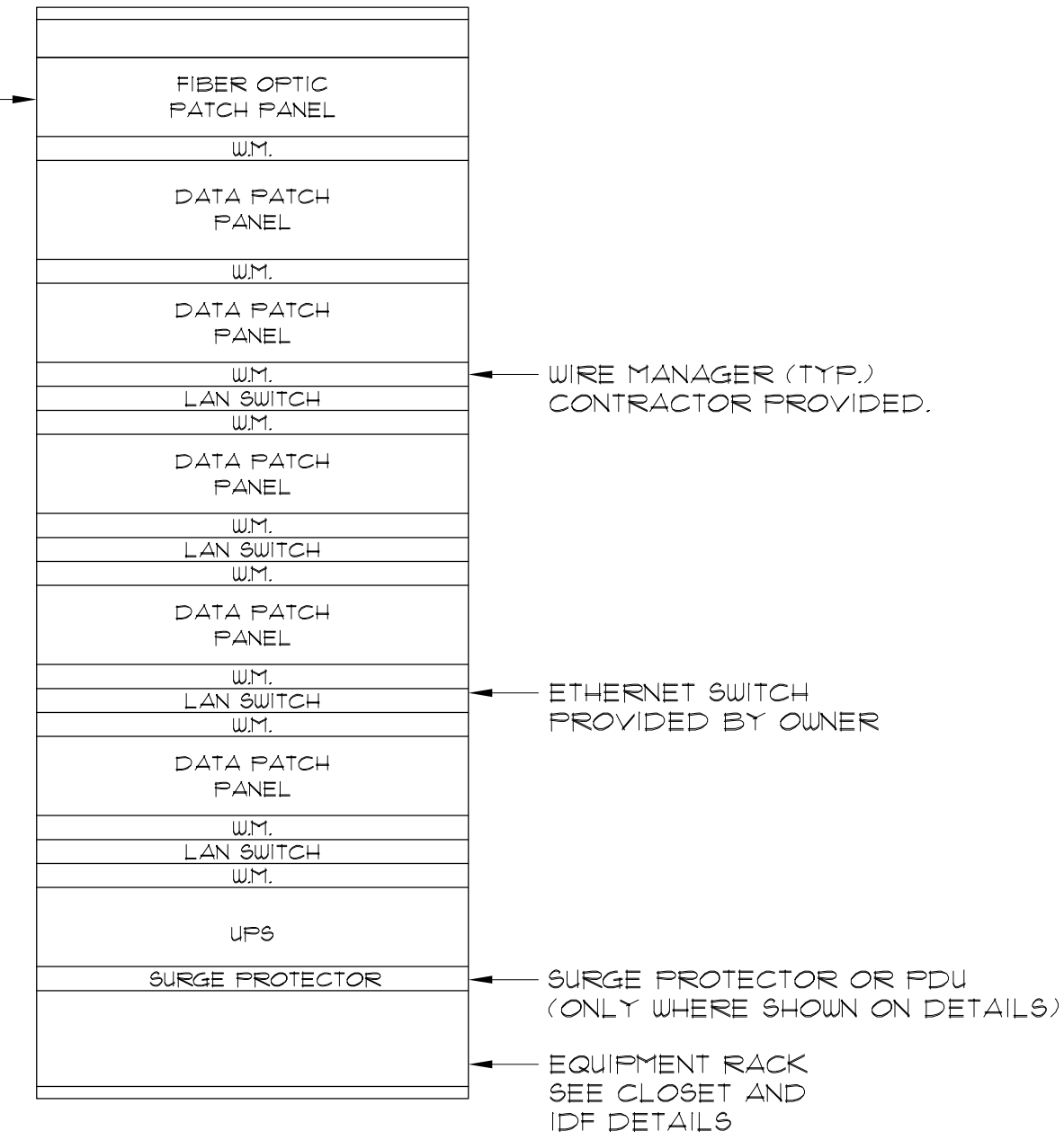


FRONT ELEVATION
DATA DISTRIBUTION FRAME DETAIL 'IDF'
NO SCALE

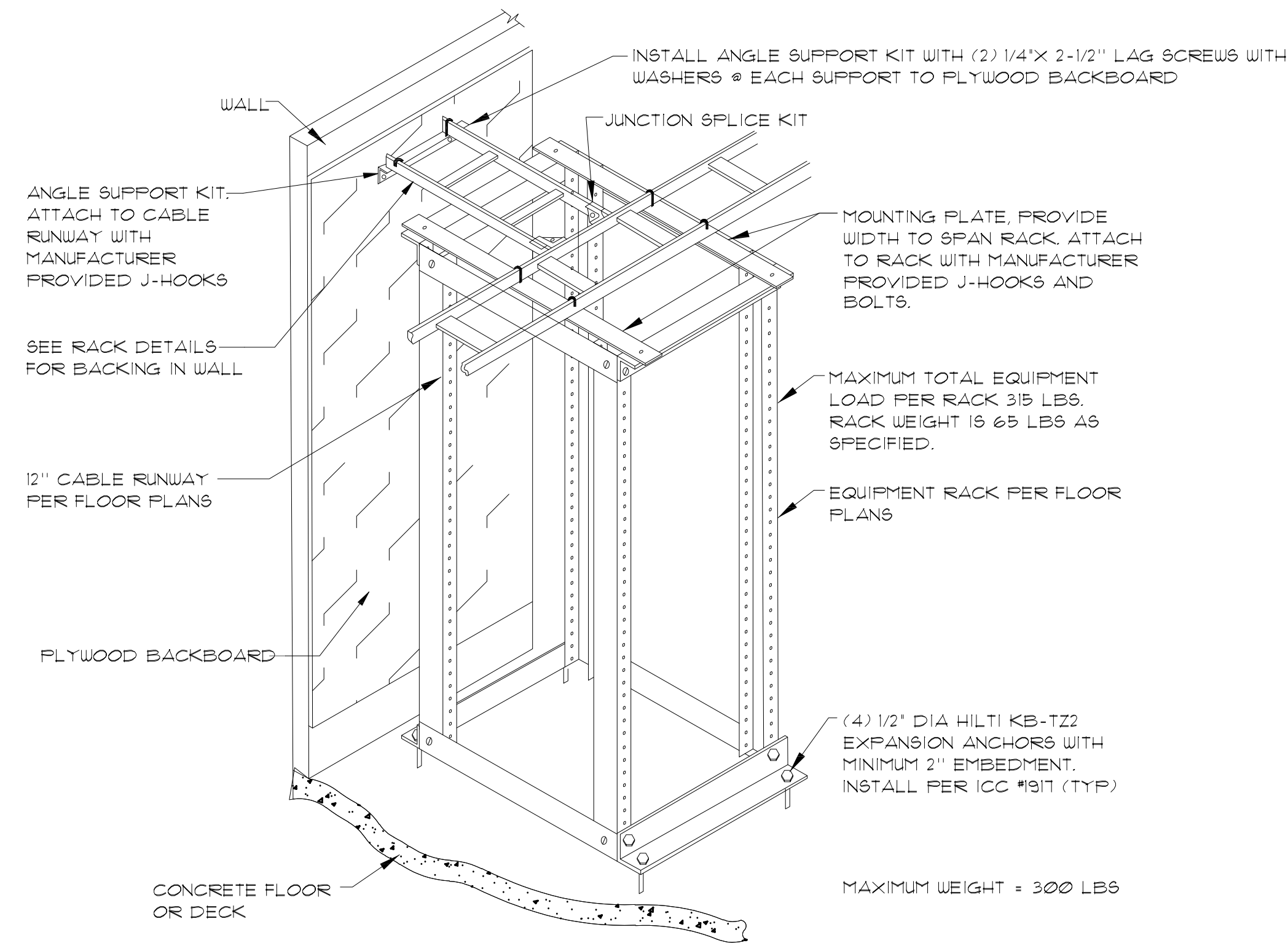
GENERAL NOTE:
1. ALL FIBER OPTIC CABLE SHALL HAVE A MINIMUM 20 FOOT SERVICE LOOP NEATLY DRESSED IN LOOP MANAGER DIRECTLY BEHIND EQUIPMENT RACKS.

12 PORT FIBER OPTIC PATCH PANEL MINIMUM MUST BE FULLY LOADED WITH FIBER OPTIC BULKHEADS.

GENERAL NOTE:
1. TERMINATE A MAXIMUM OF 240 VOICE/DATA CABLES IN ANY EQUIPMENT RACK.
2. CONFIRM QUANTITY OF SWITCHES WITH DISTRICT FOR HORIZONTAL MANAGER REQUIREMENTS.
3. EVEN DISTRIBUTE CABLES IN MULTIPLE RACKS.



MAXIMUM EQUIPMENT RACK POPULATON DETAIL
NO SCALE



4-POST EQUIPMENT RACK ANCHORAGE DETAIL
NO SCALE



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COMMUNICATIONS DETAILS

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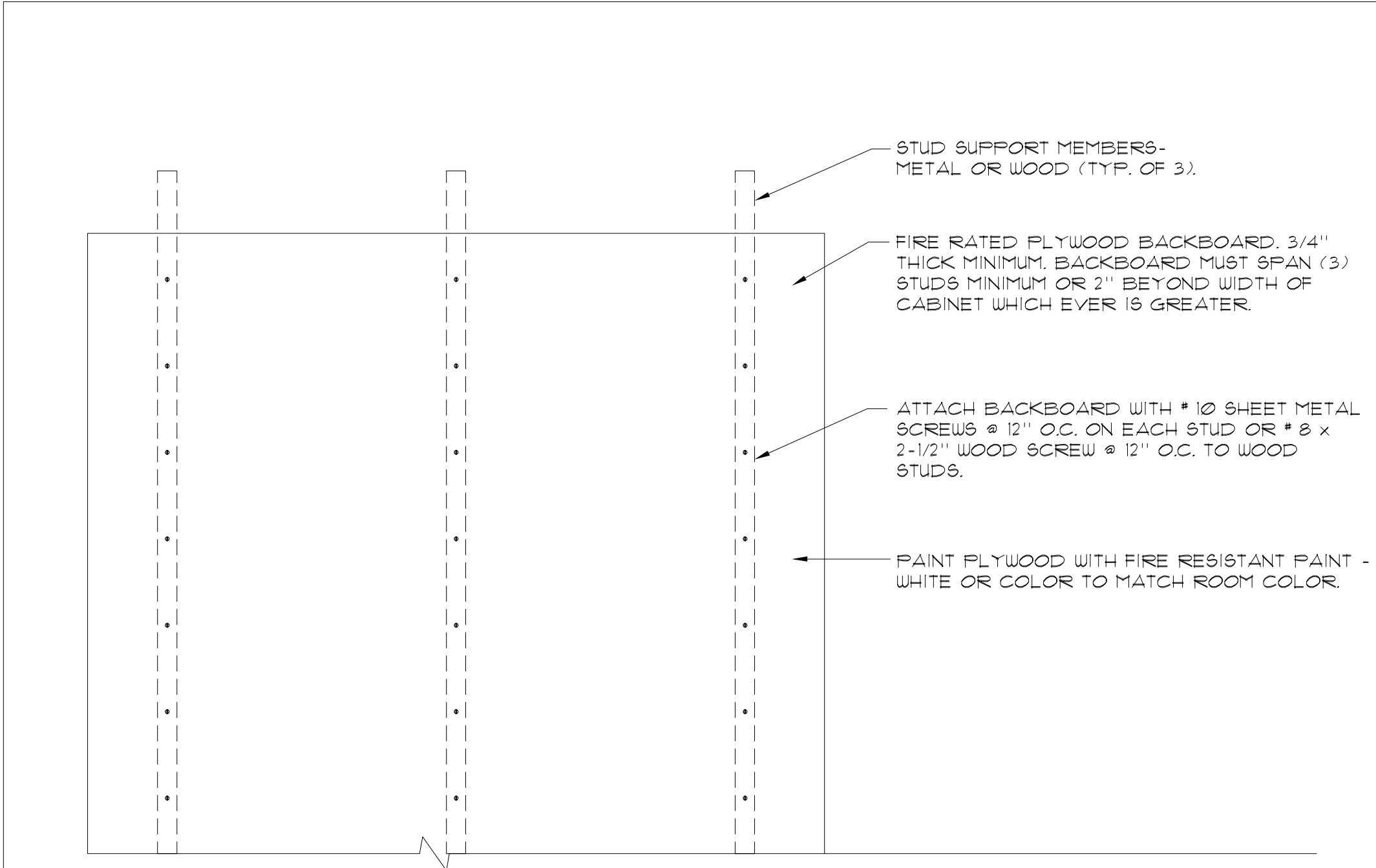
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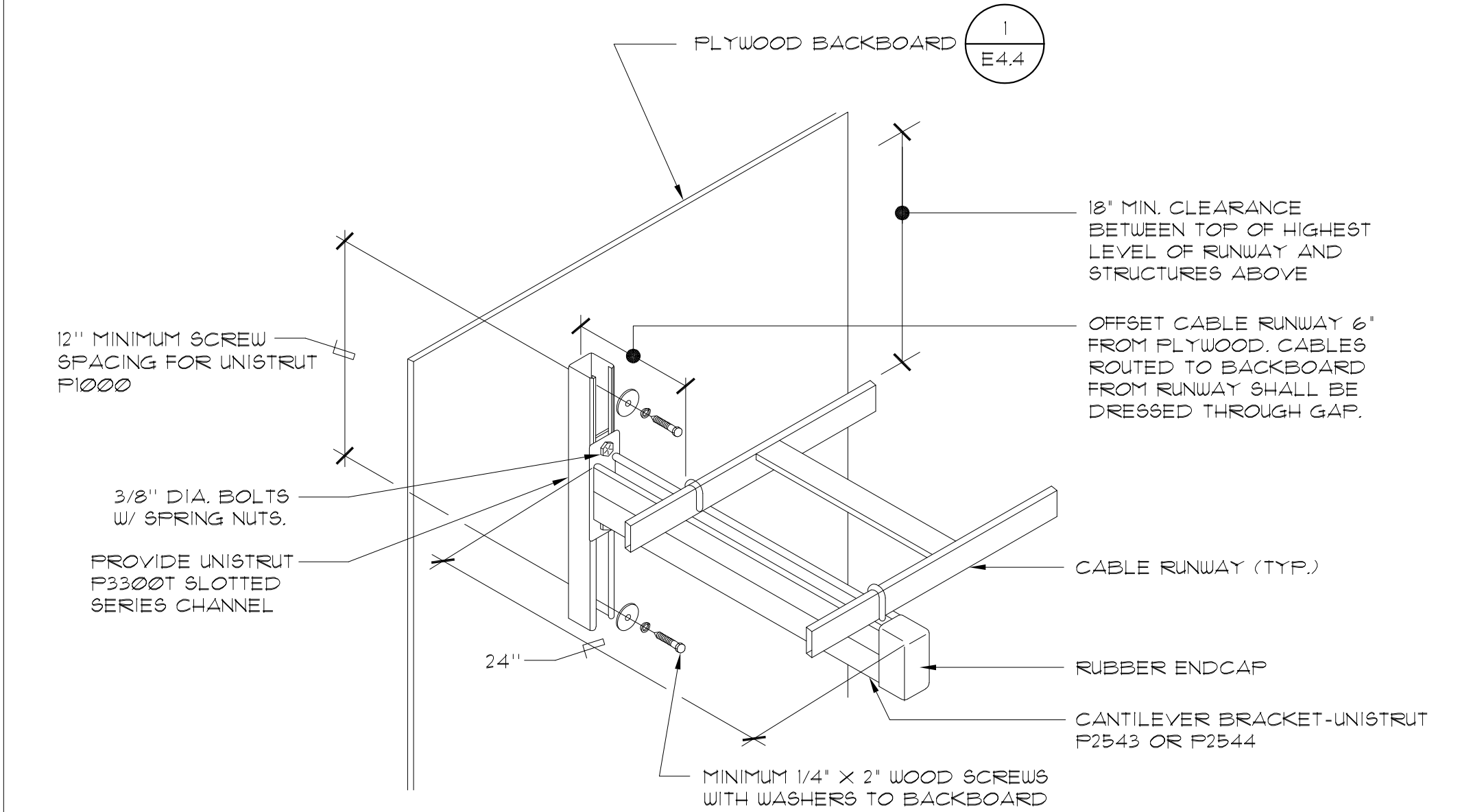
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TYPICAL BACKBOARD DETAIL

NO SCALE

1
E4.4



NOTE:

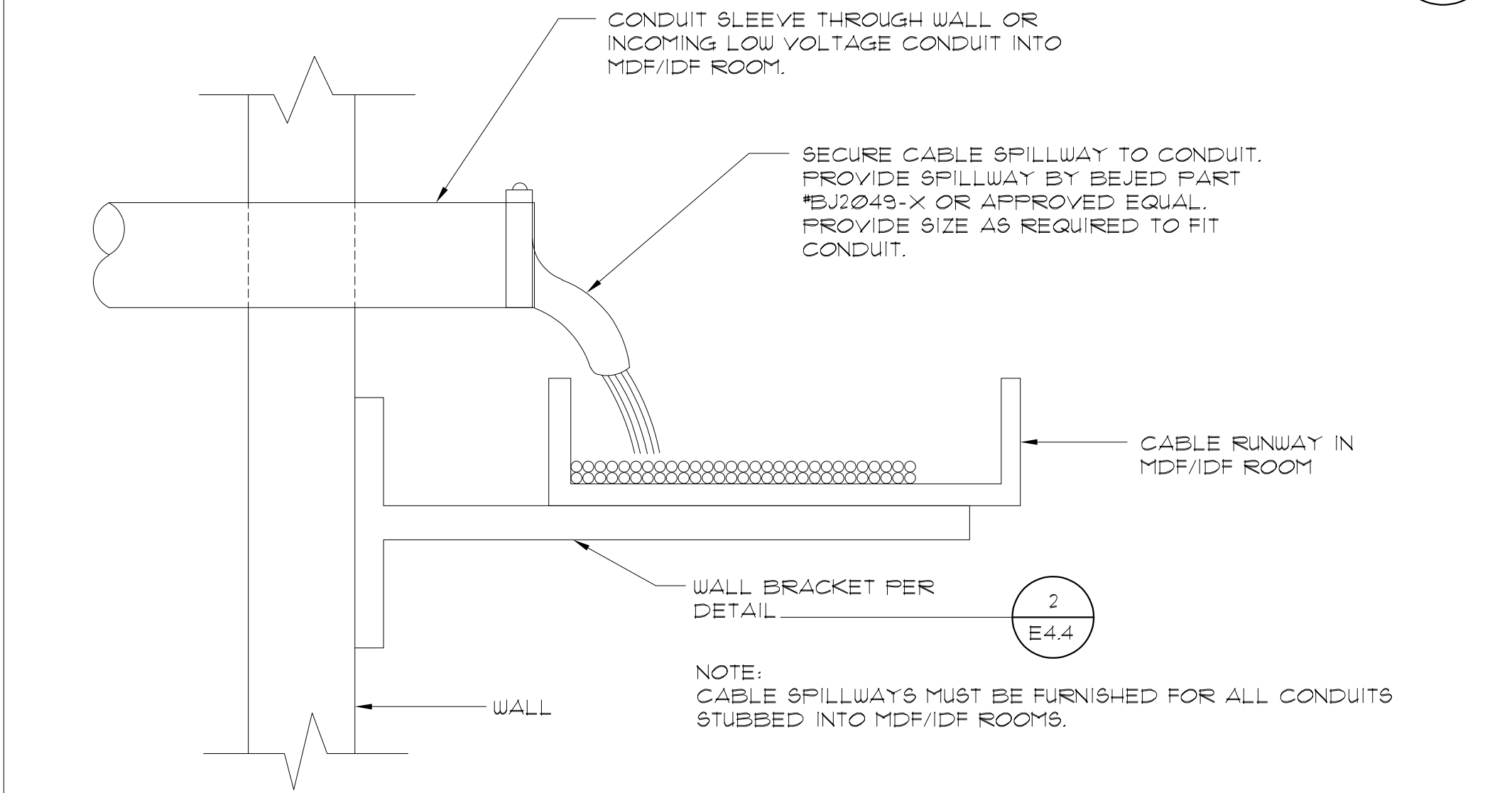
1. REFER TO ROOM PLANS FOR CABLE RUNWAY SIZE AND REQUIREMENTS.

MAX. ALLOWABLE LOAD OF BRACKET = 15LBS.

TYPICAL CABLE RUNWAY INSTALLATION ALONG WALL DETAIL

NO SCALE

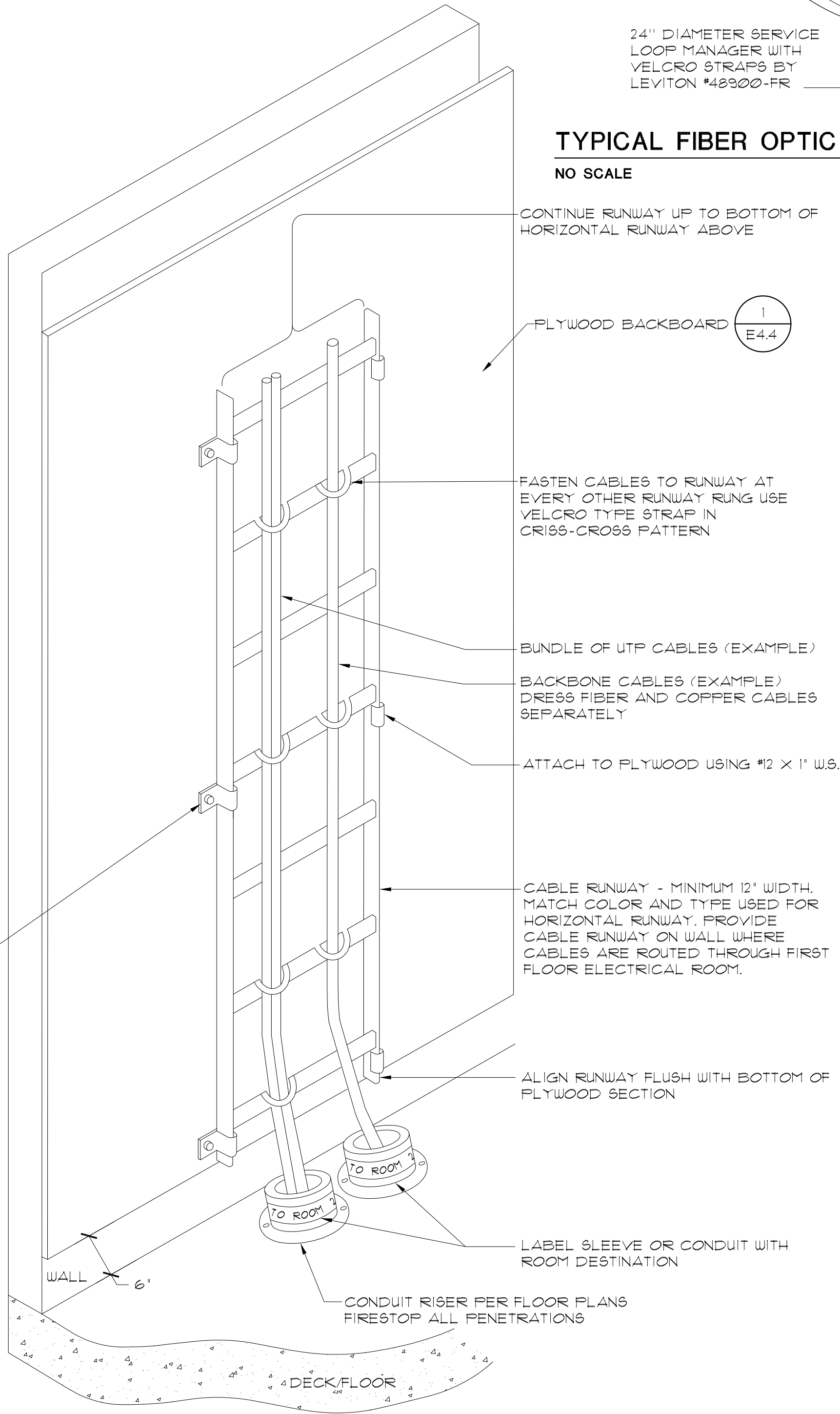
2
E4.4



TYPICAL CONDUIT / CABLE SPILLWAY DETAIL

NO SCALE

3
E4.4



TYPICAL FIBER OPTIC FEED SERVICE LOOP DETAIL

NO SCALE

4
E4.4

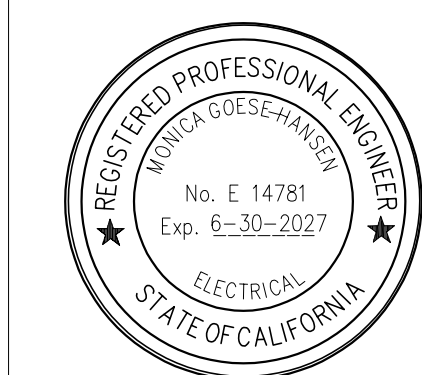
MINIMUM 1/4"X2" WOOD SCREWS WITH WASHERS TO BACKBOARD

NOTE:
1. REFER TO FLOOR PLANS AND DETAILS FOR CONDUIT SIZES AND LOCATIONS.
2. PROVIDE A VERTICAL CABLE RUNWAY AT ALL CONDUIT PENETRATIONS FROM FIRST FLOOR INSIDE ROOMS.

TYPICAL CABLE ROUTING AT FLOOR PENETRATION IN IDF CLOSET

NO SCALE

5
E4.4



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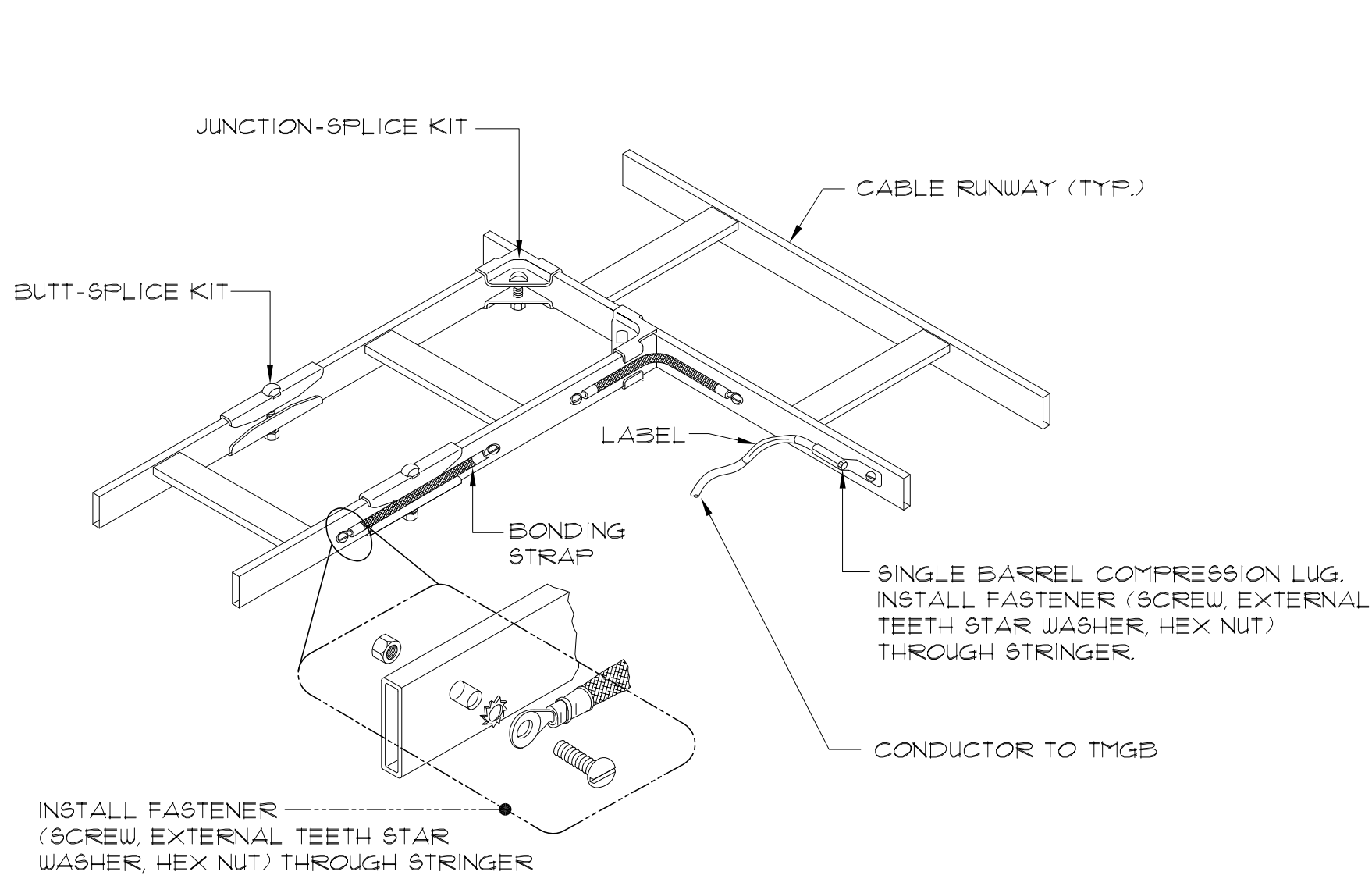
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OF

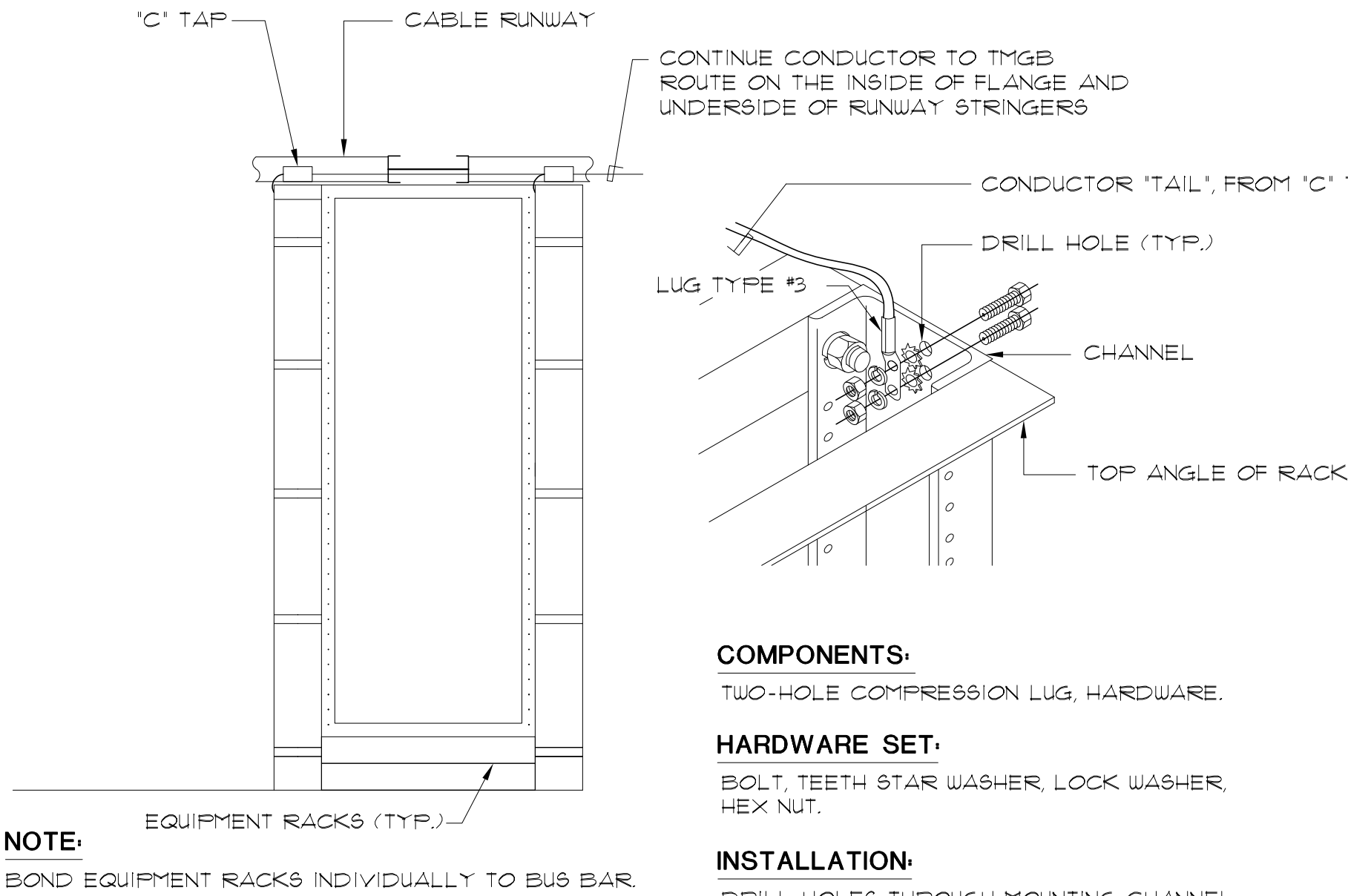
SHEETS

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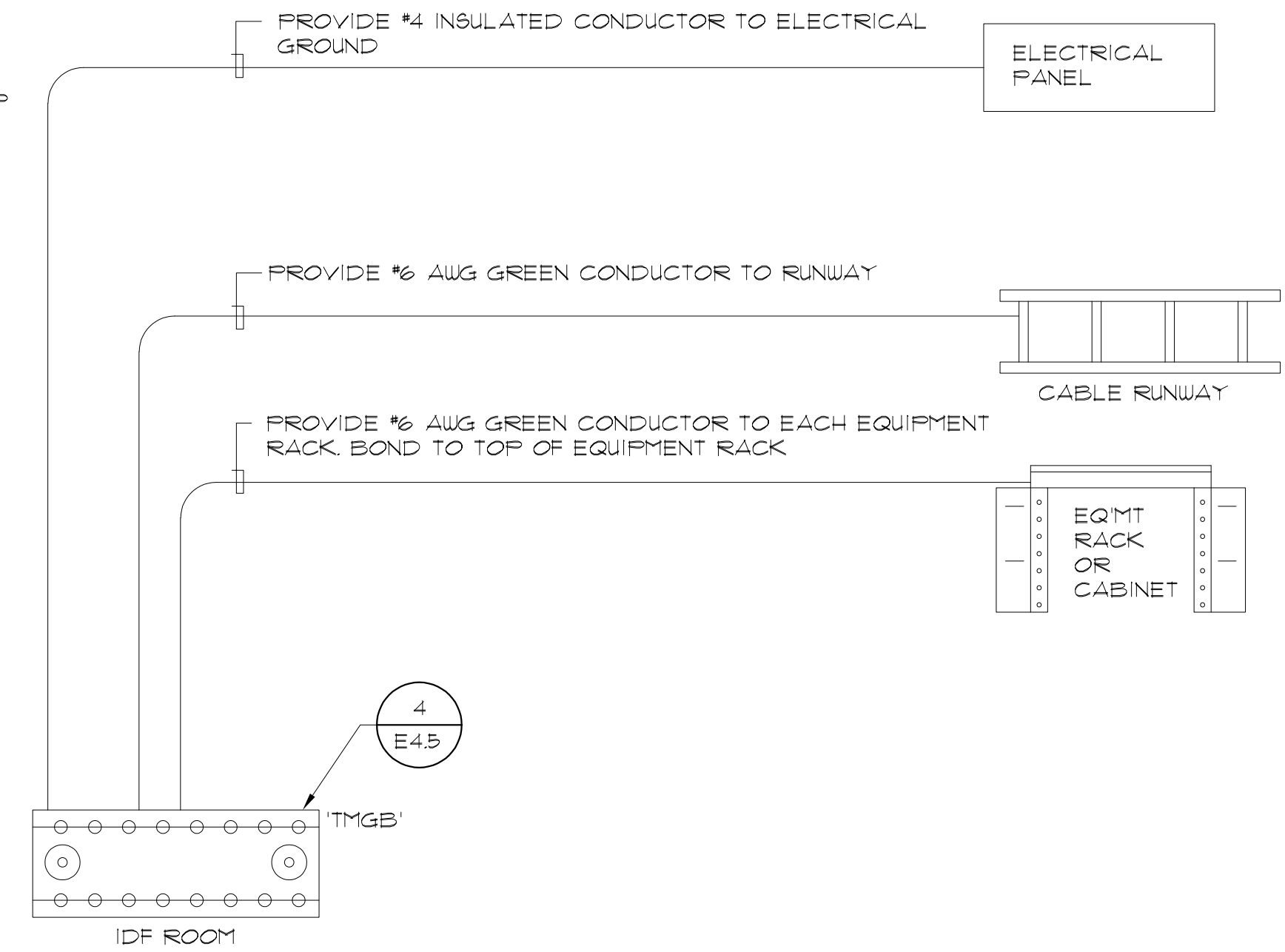
TYPICAL CABLE RUNWAY BONDING IN MDF/IDF ROOM

NO SCALE



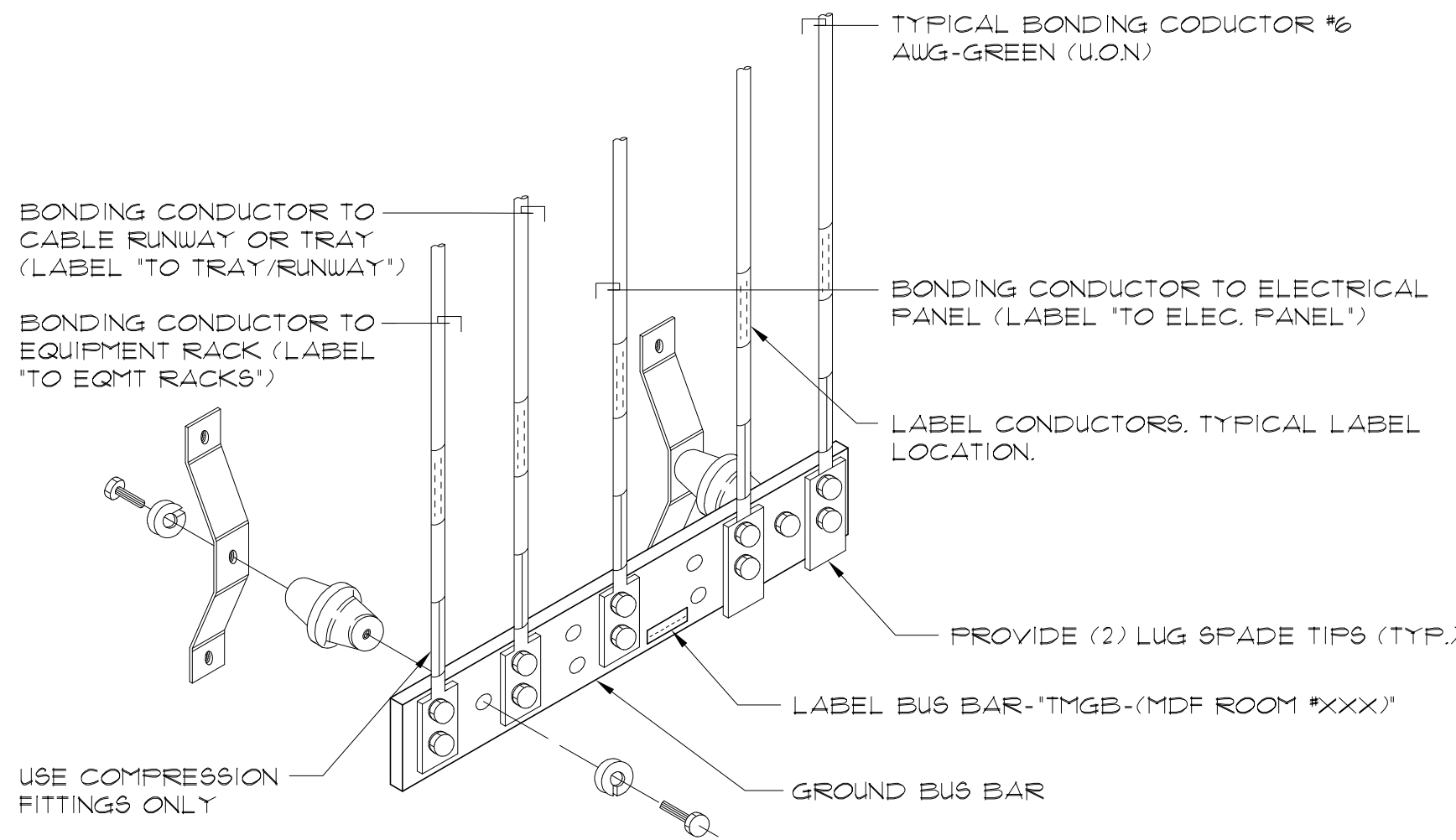
TYPICAL EQUIPMENT RACK BONDING IN MDF/IDF ROOM

NO SCALE



TYPICAL IDF ROOM GROUNDING DETAIL

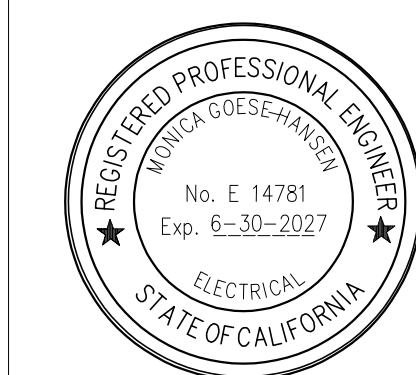
NO SCALE



PROVIDE "CPI # 40158-012" GROUND BAR ASSEMBLY OR EQUAL. (PROVIDE INSULATOR ASSEMBLIES)

DATA / COMMUNICATIONS GROUNDING DETAIL

NO SCALE



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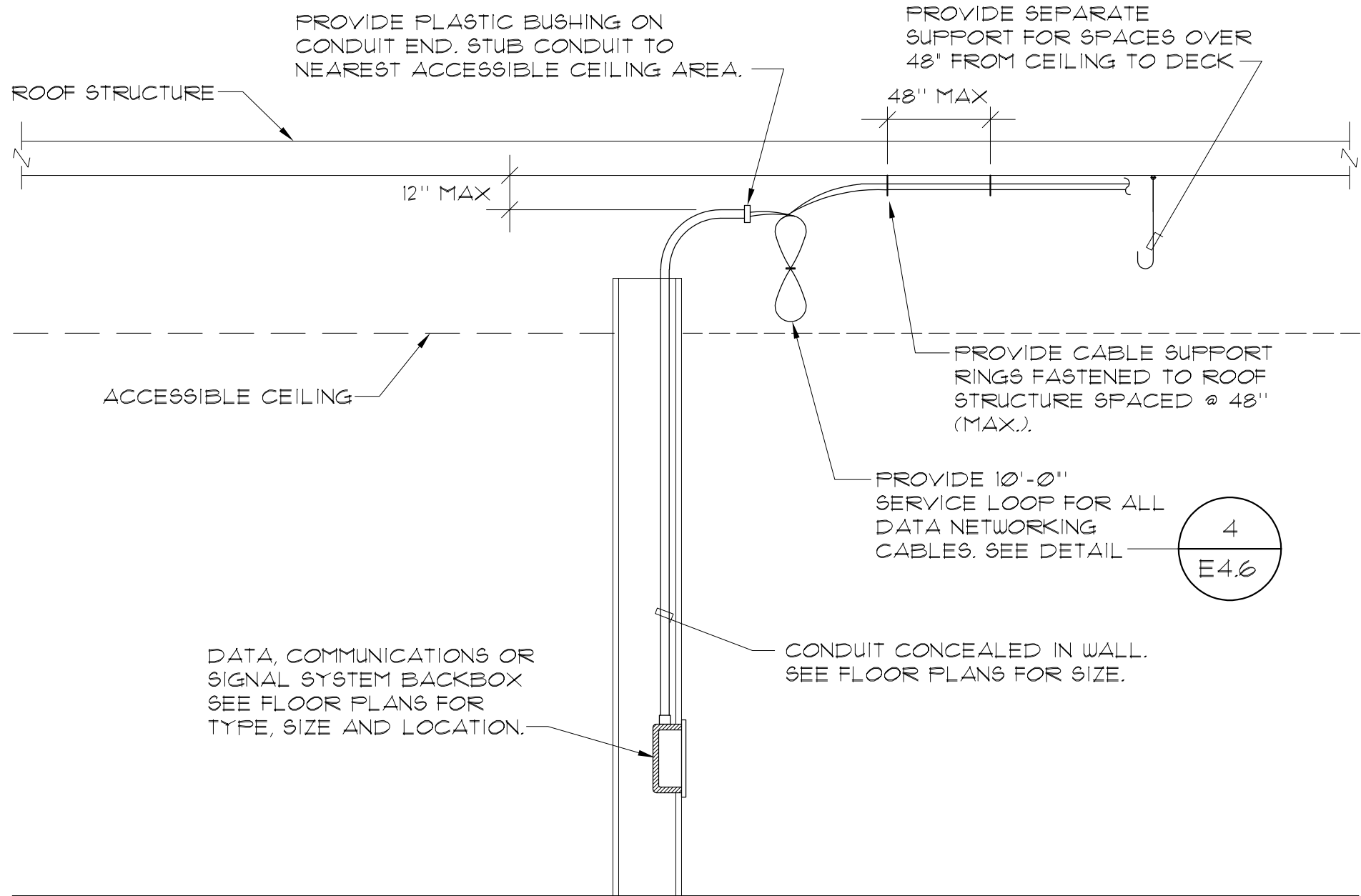
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OF

SHEETS

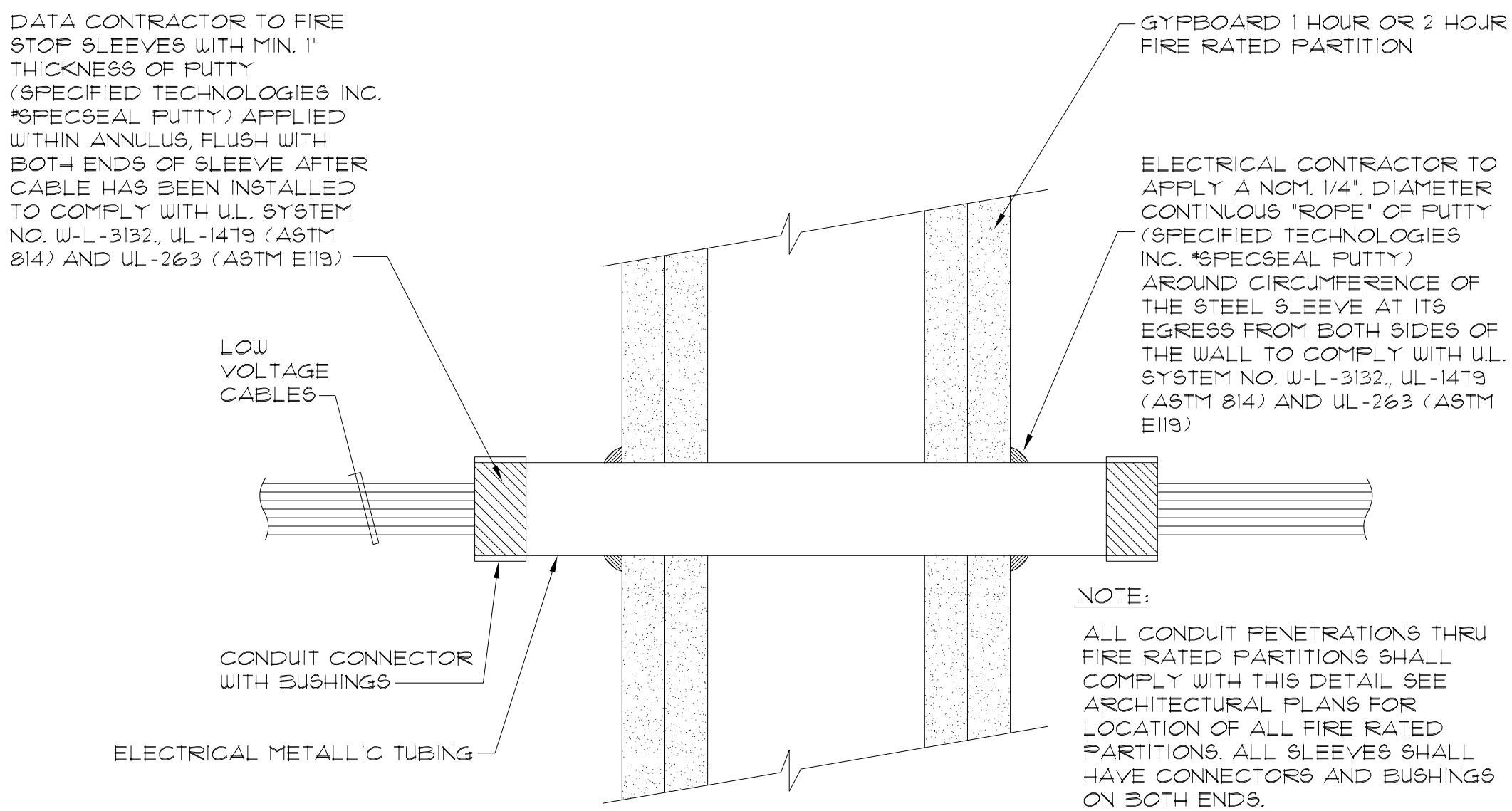
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COMMUNICATIONS SYSTEM OPEN WIRE/CONDUIT
STUB TYPICAL DETAIL

NO SCALE

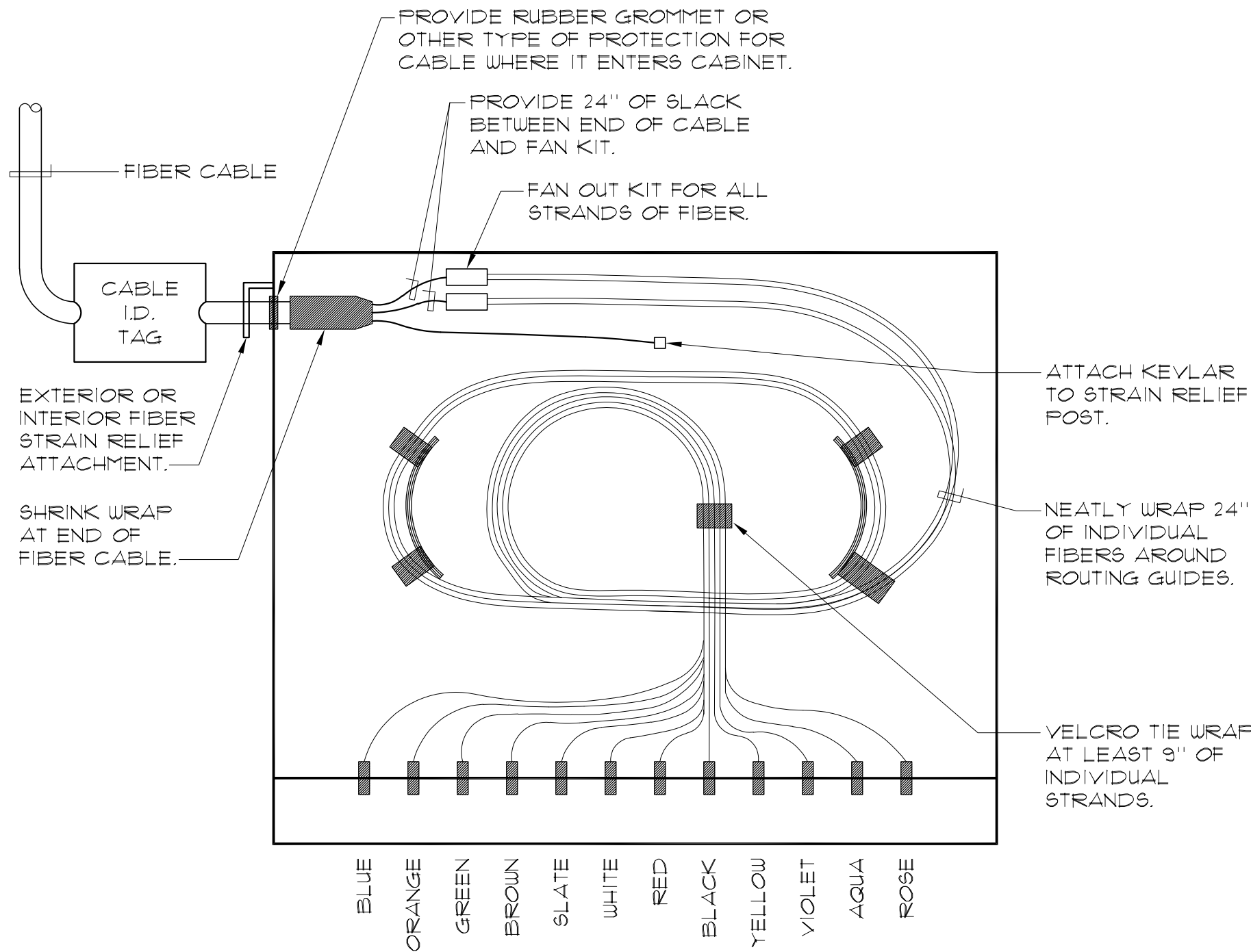
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E4.6



VOICE/DATA SLEEVE
PENETRATION THRU FIRE RATED PARTITIONS

NO SCALE

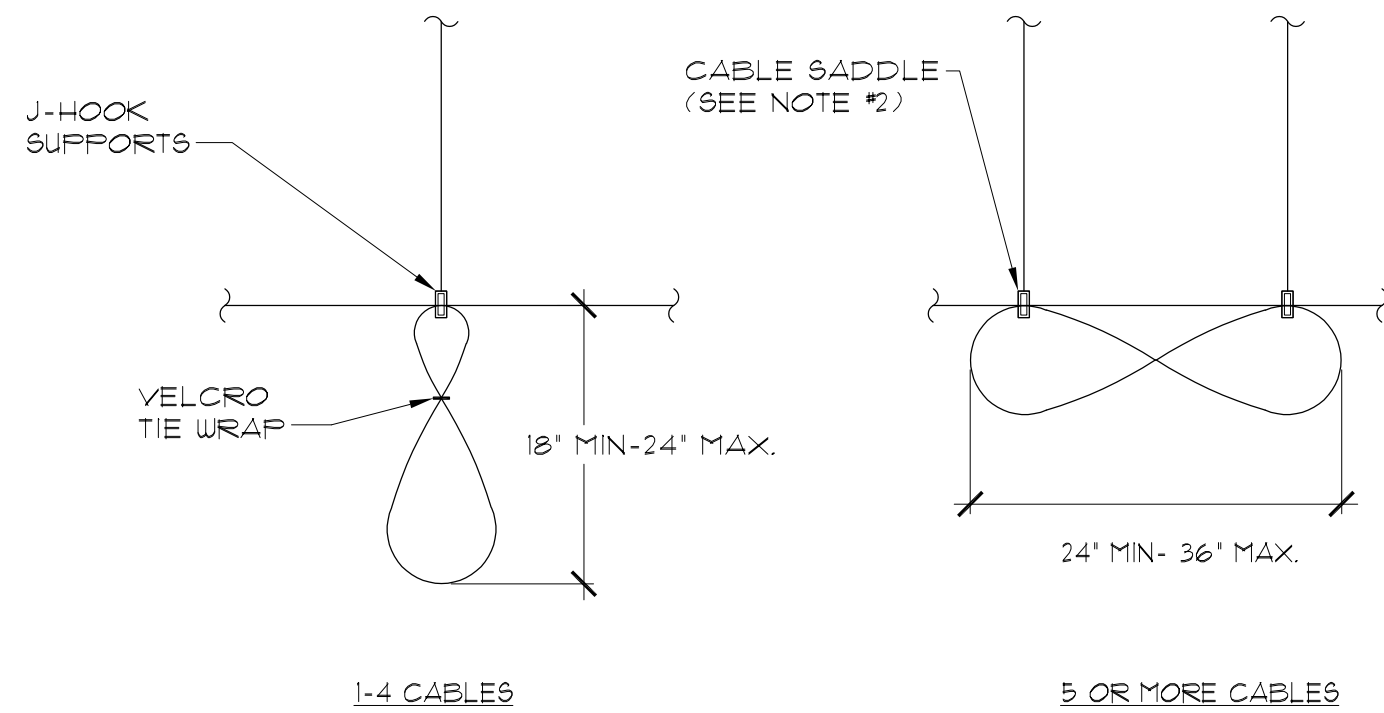
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E4.6



FIBER TERMINATION DETAIL

NO SCALE

3
E4.6



TYPICAL SERVICE LOOP

NO SCALE

4
E4.6

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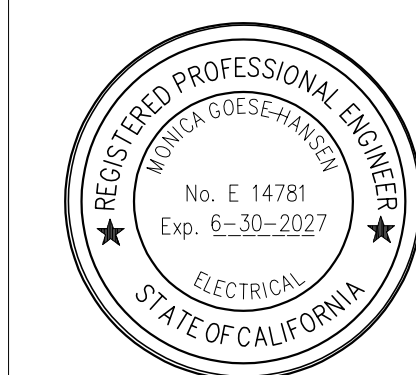
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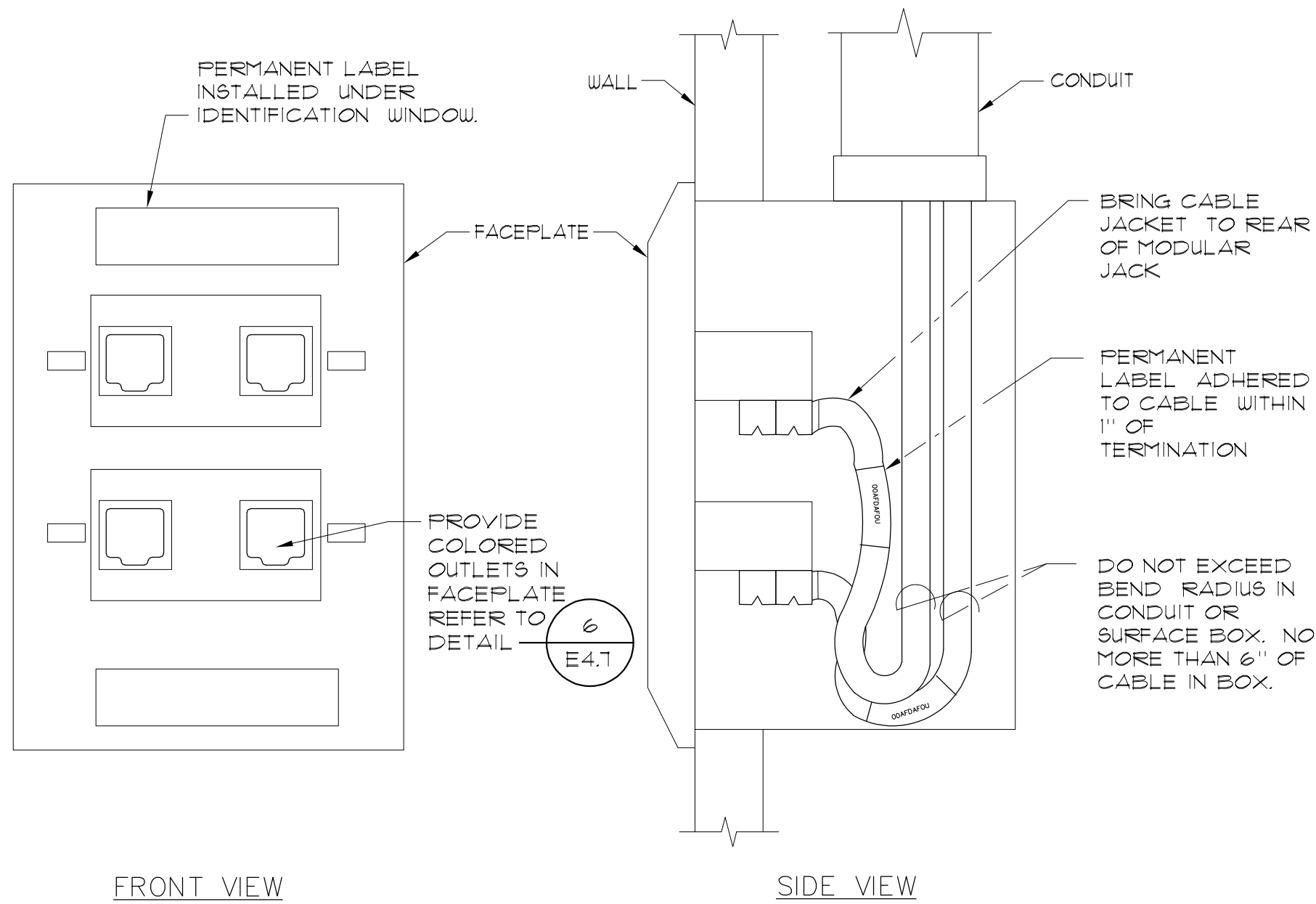
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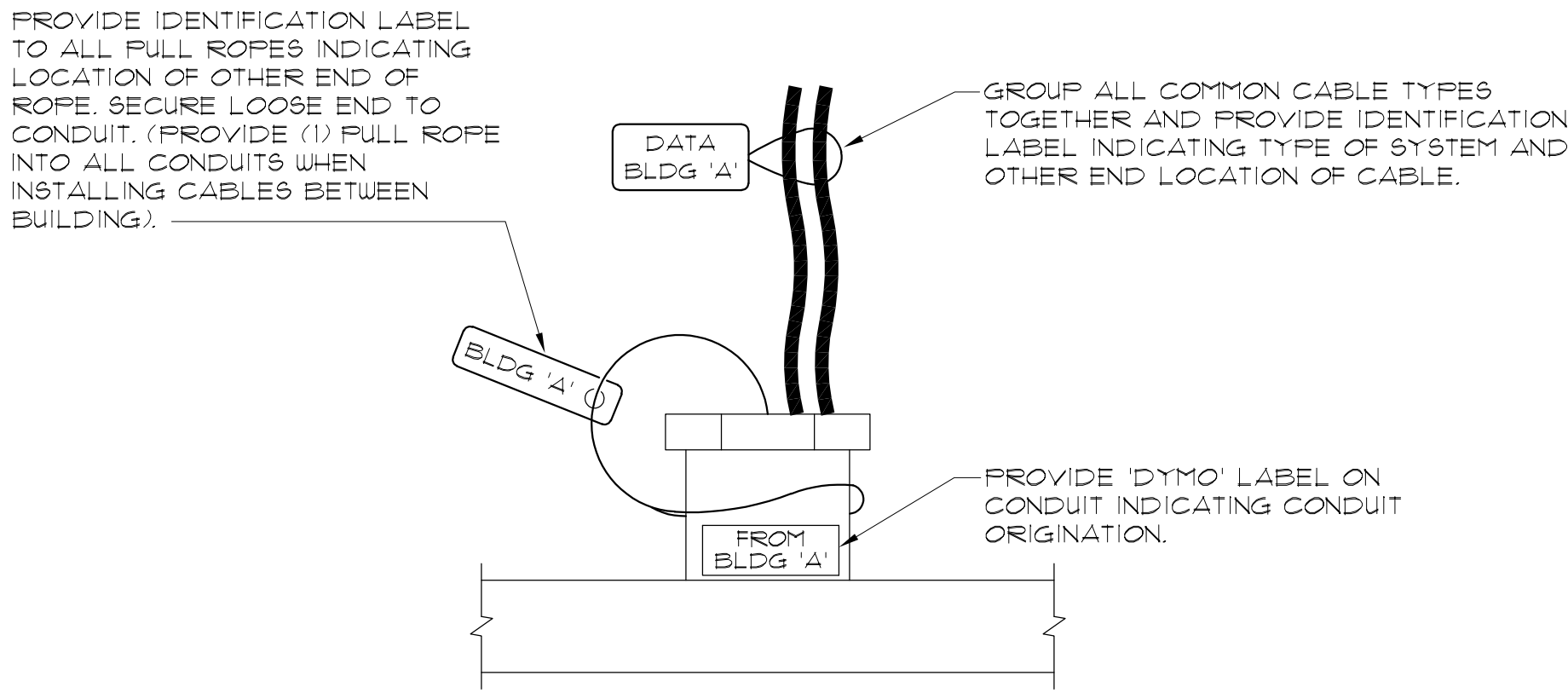
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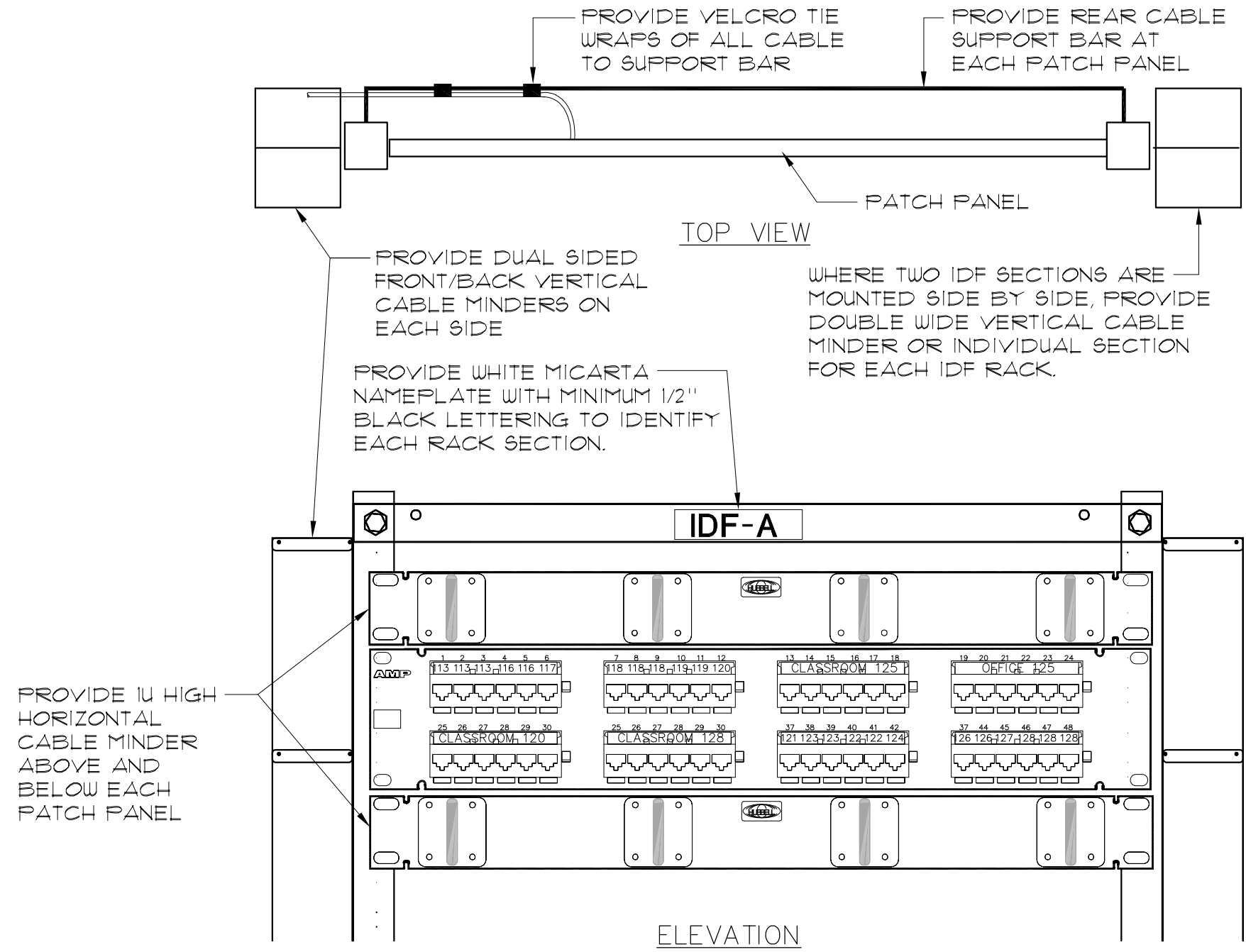
TYPICAL FACEPLATE LABELING DETAIL

NO SCALE



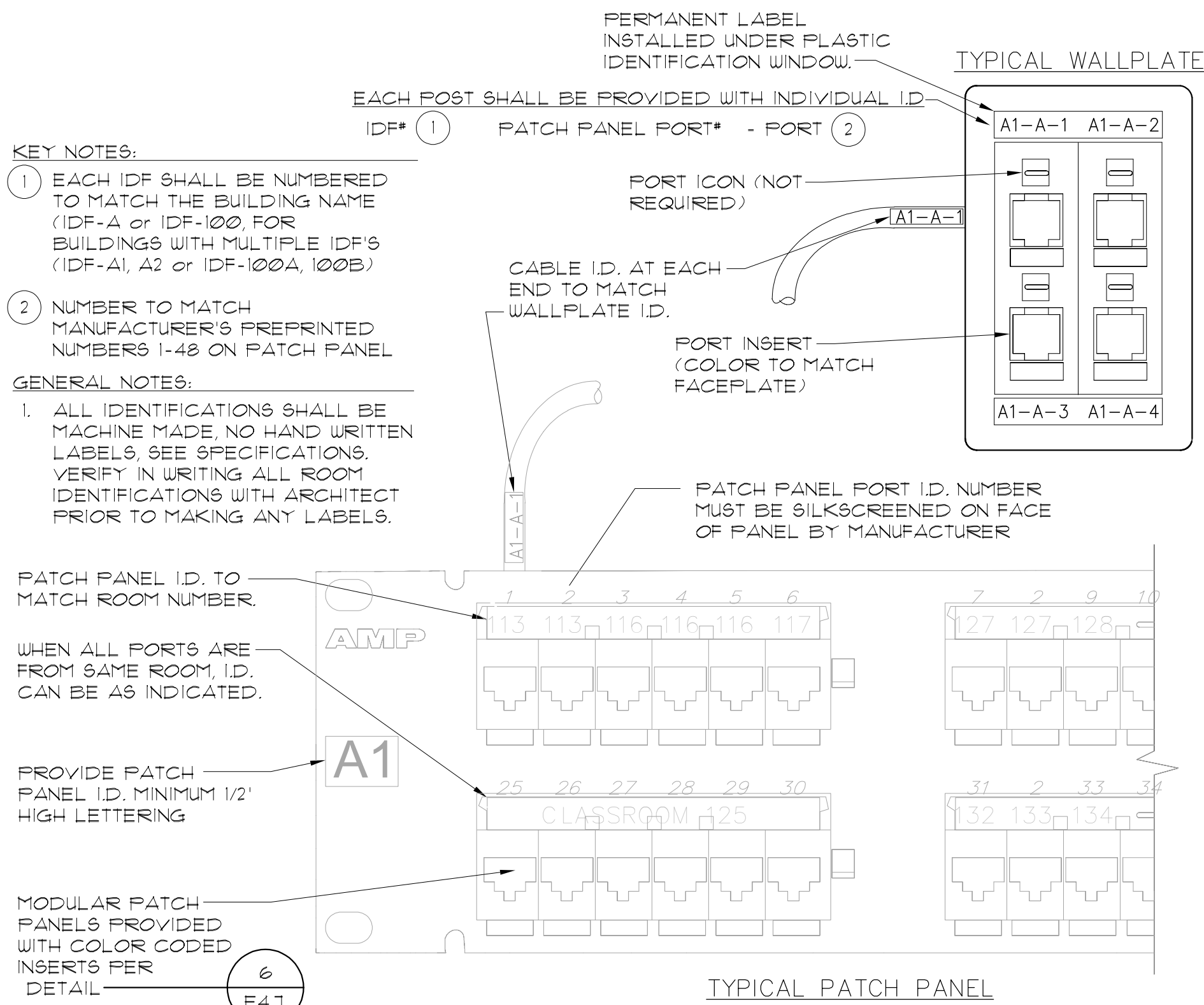
COMMUNICATION CABLE TYPICAL LABELING DETAIL

NO SCALE



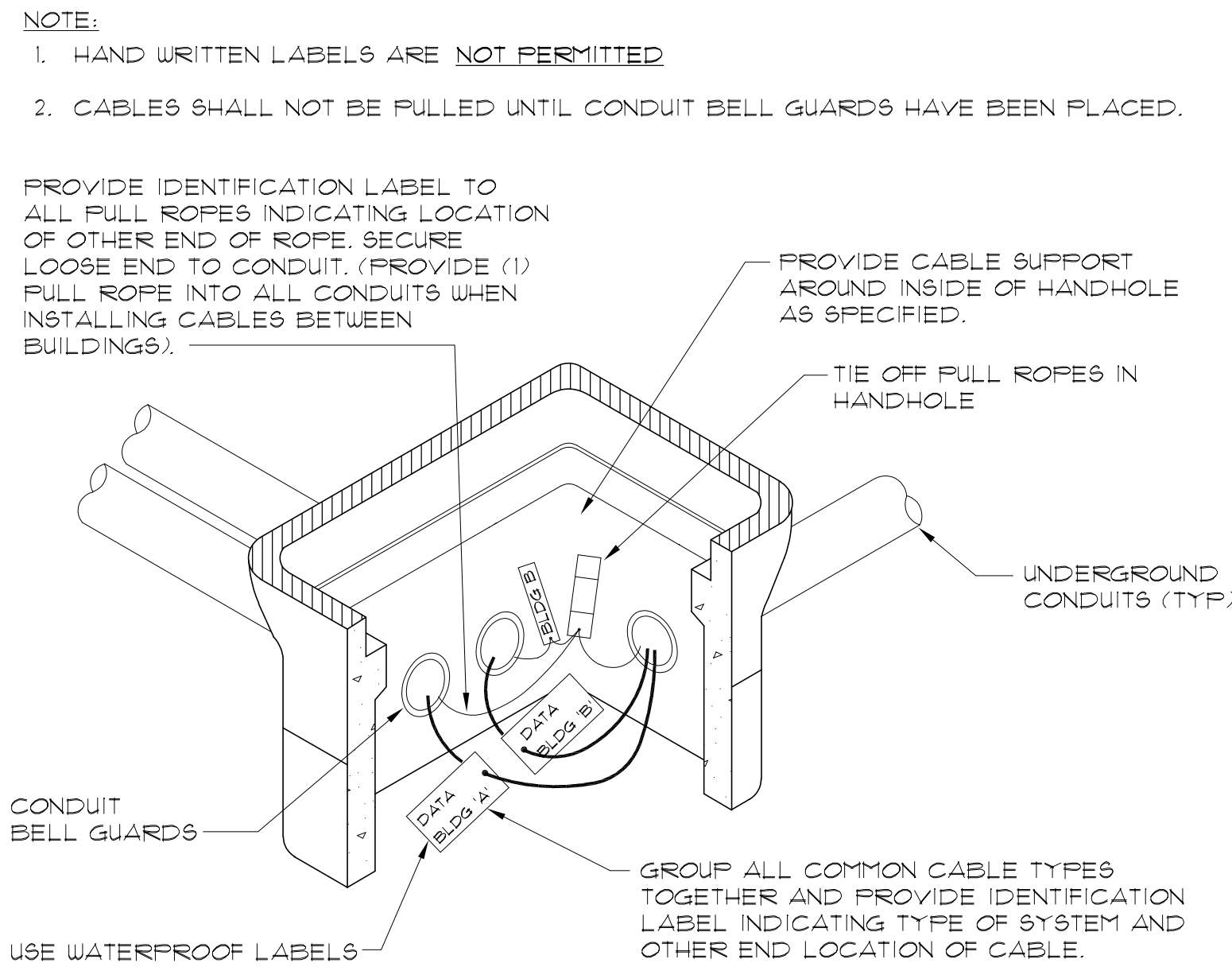
TYPICAL IDF LABELING AND CABLE SUPPORT DETAIL

NO SCALE



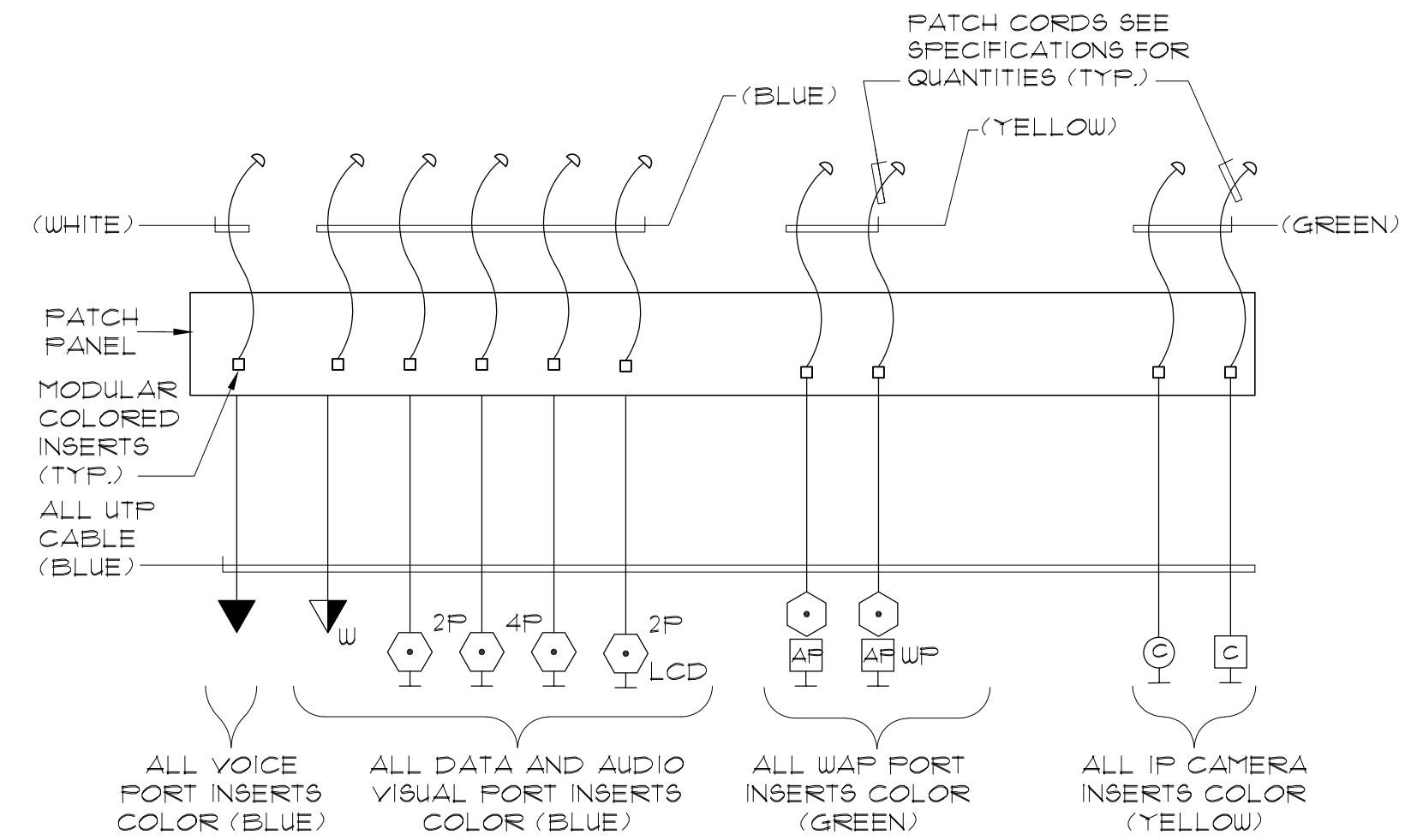
TYPICAL DATA NETWORKING LABELING REQUIREMENT

NO SCALE



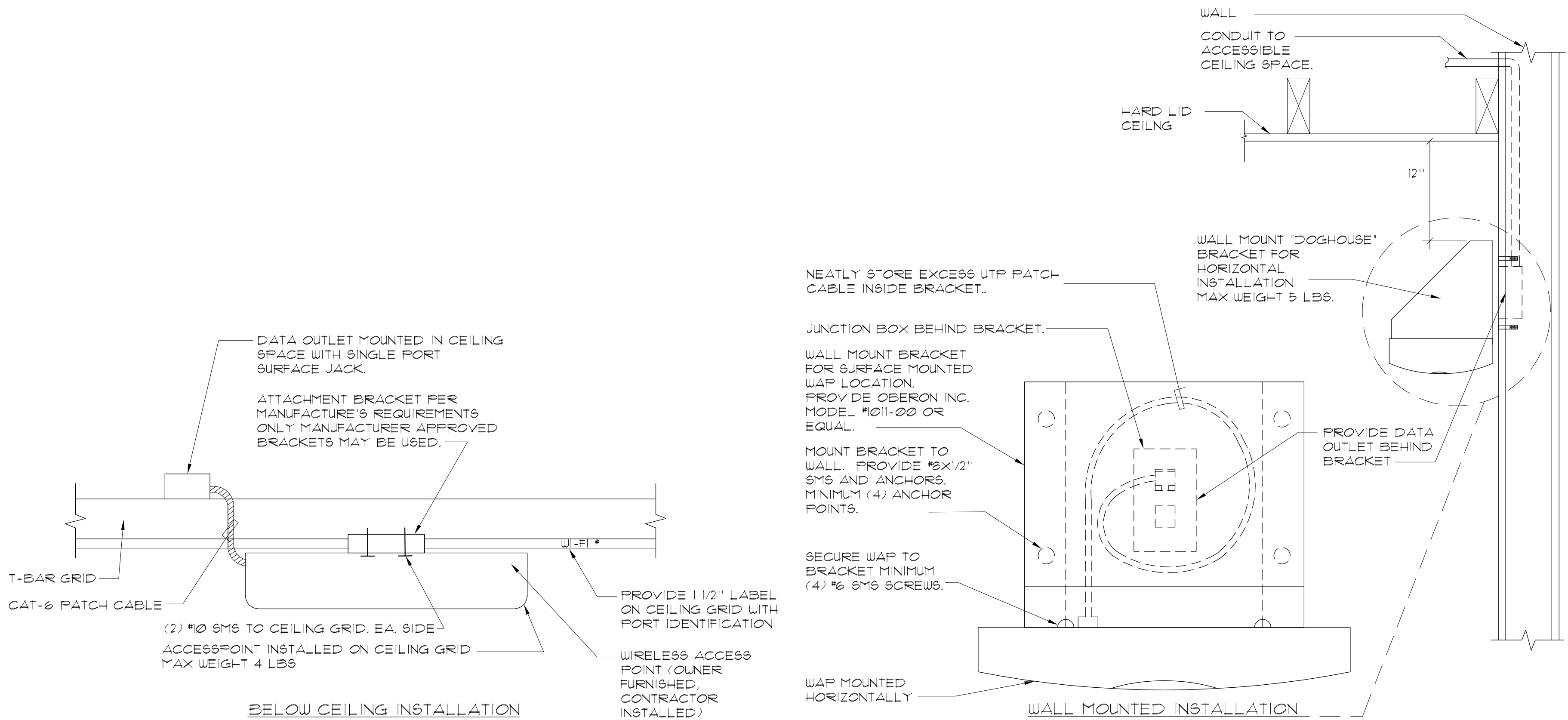
COMMUNICATION HANDHOLE LABELING DETAIL (TYP)

NO SCALE



TYPICAL CABLE/INSERT COLOR SCHEME DETAIL

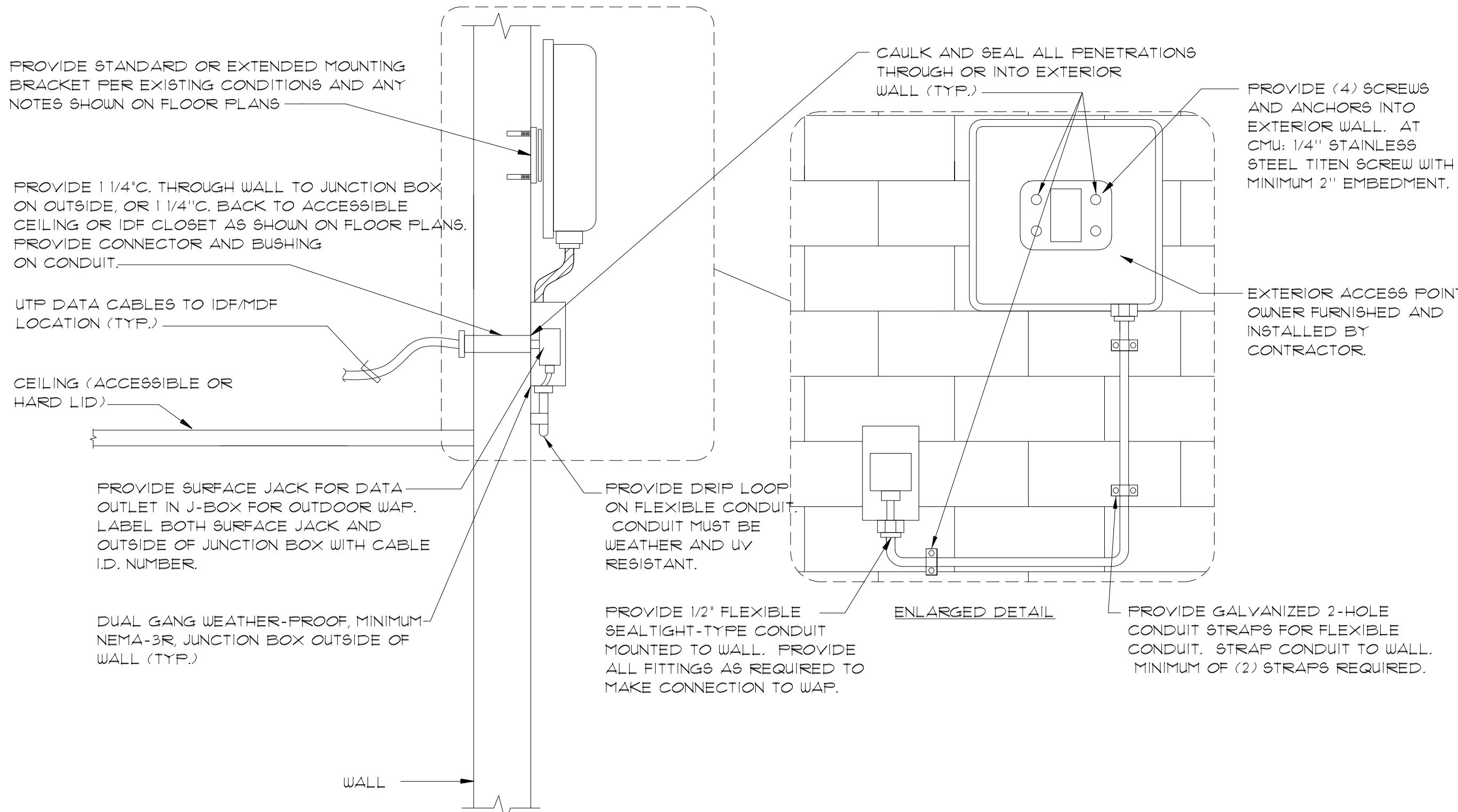
NO SCALE



WIRELESS ACCESS POINT ANTENNA MOUNTING DETAILS

NO SCALE

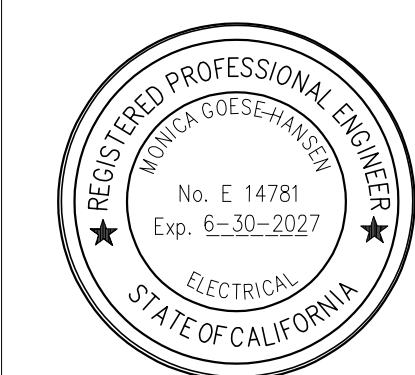
1
E4.8



WIRELESS ACCESS POINT ANTENNA MOUNTING DETAIL

NO SCALE

2
E4.8



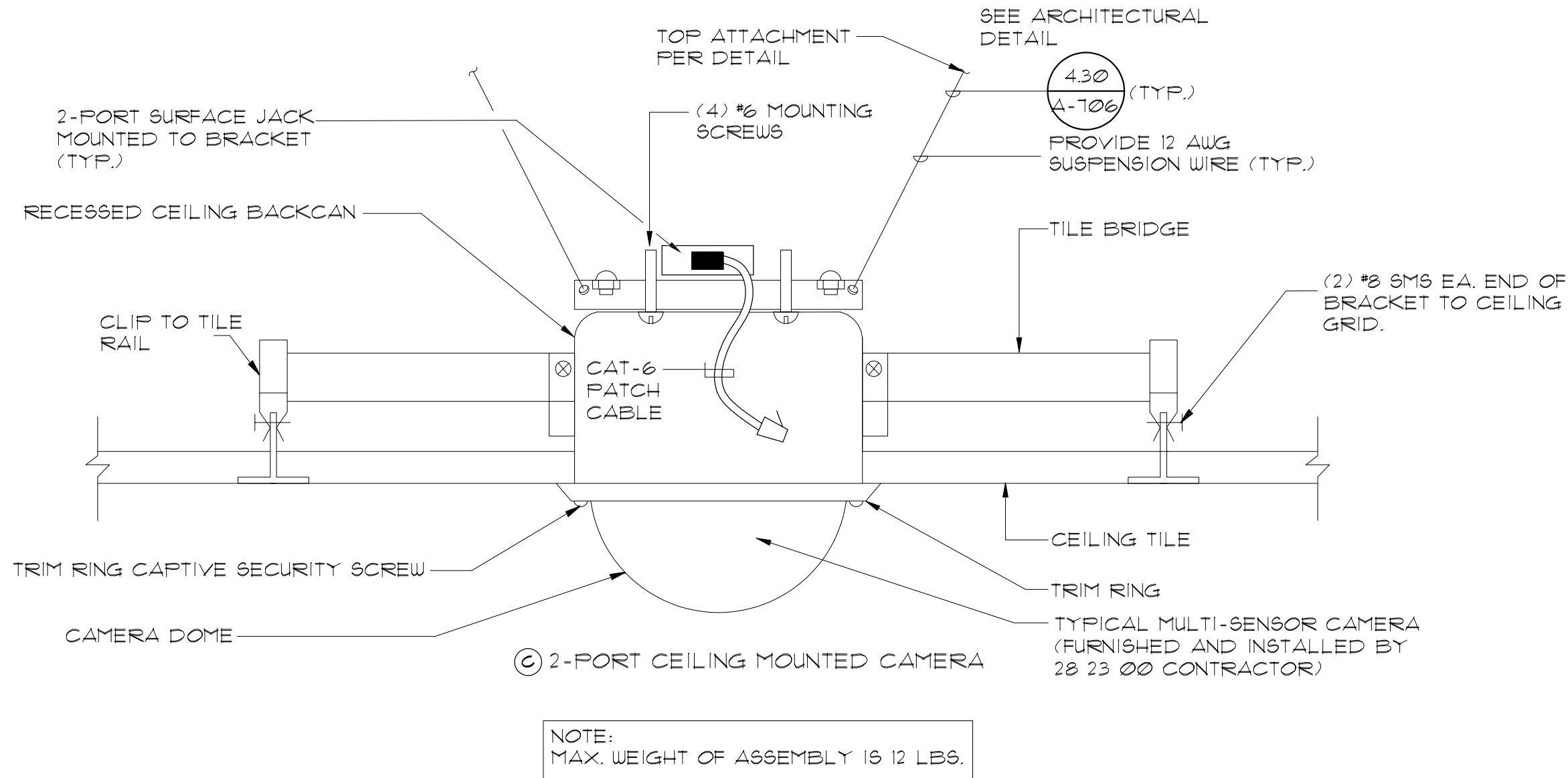
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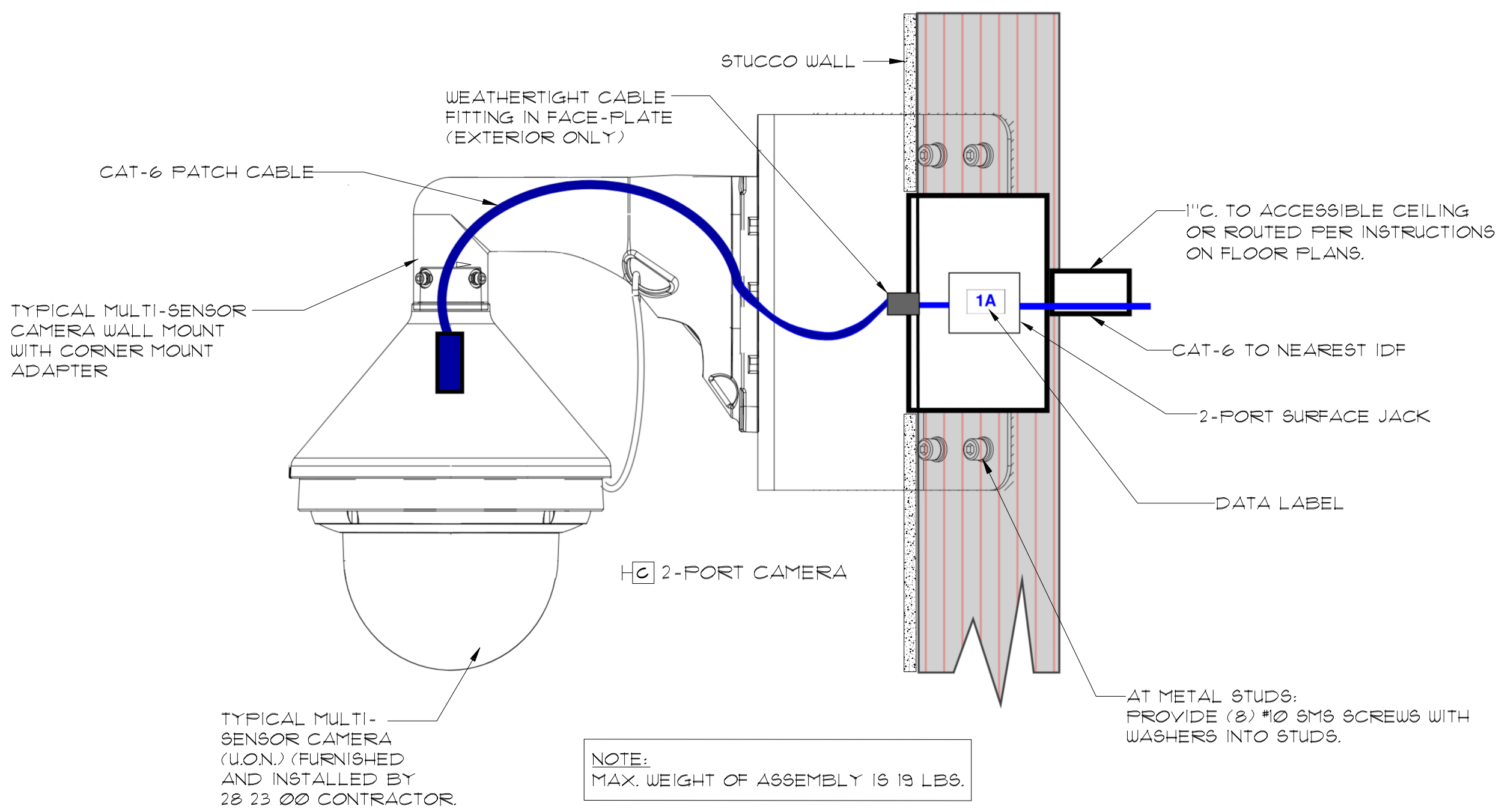
4/8/2025



CEILING MOUNTED CAMERA DETAIL - ACCESSIBLE CEILING

NO SCALE

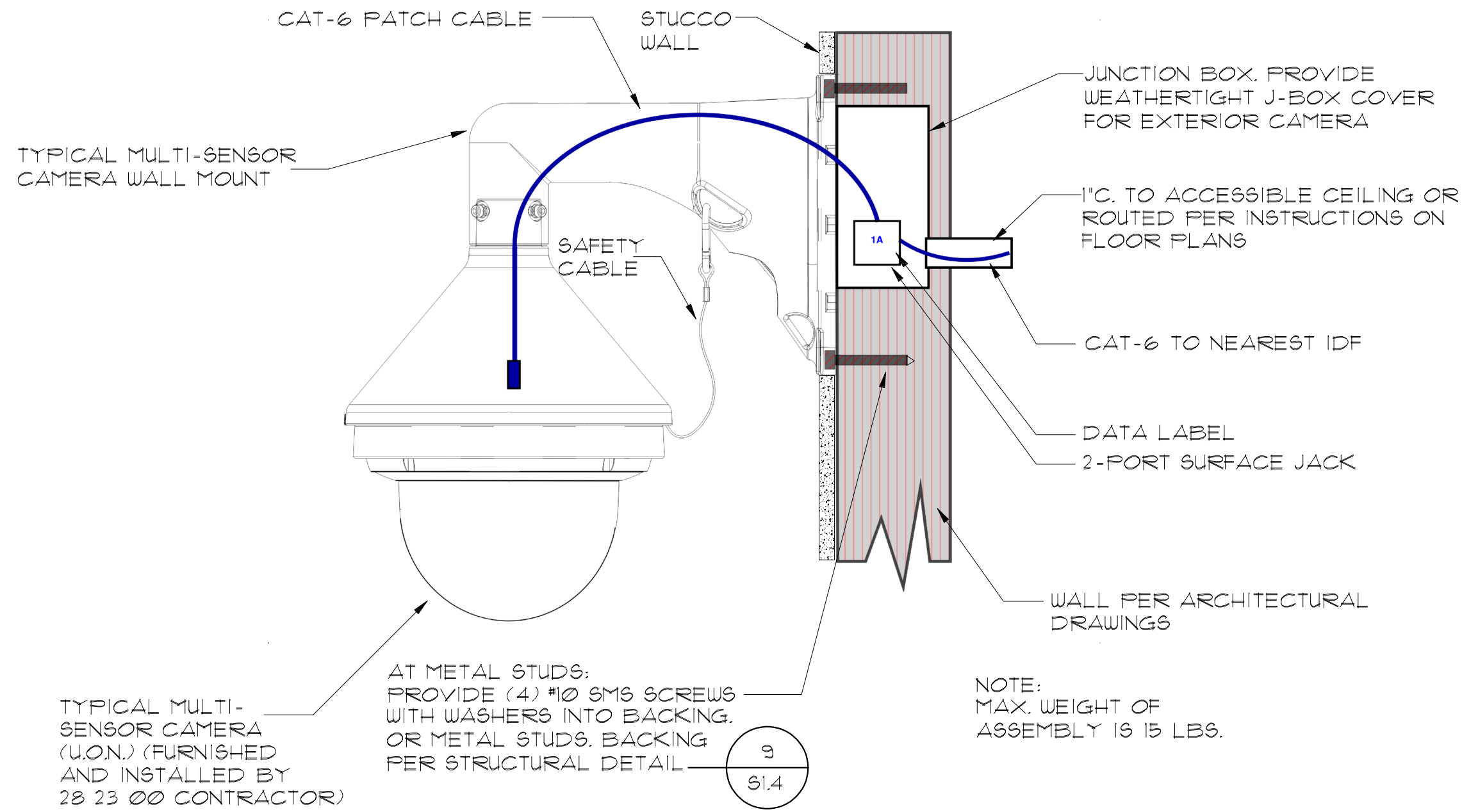
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E4.9



TYPICAL EXTERIOR DOME MOUNTED CORNER MOUNT

NO SCALE

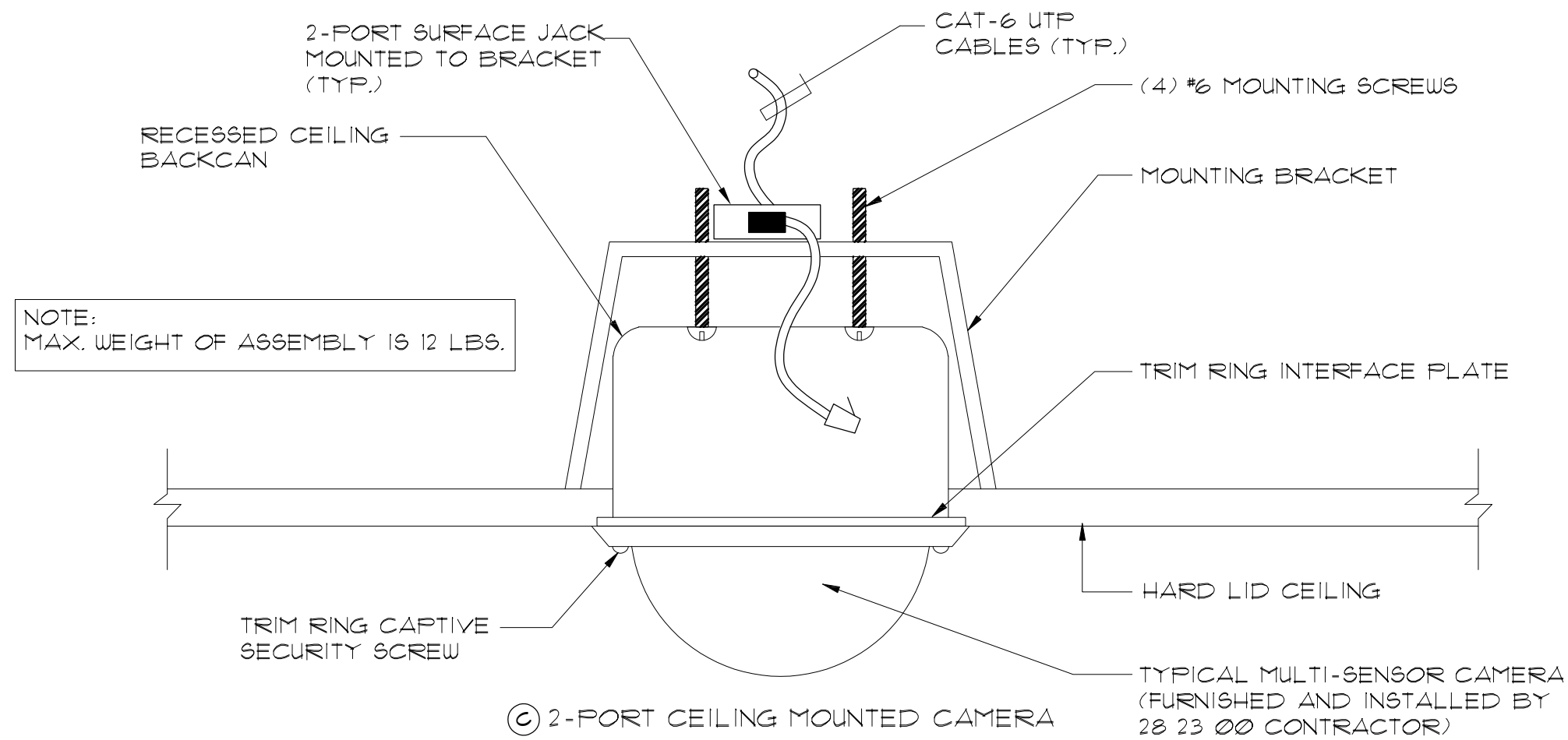
2
E4.9



TYPICAL DOME CAMERA - WALL MOUNT INTERIOR/EXTERIOR

NO SCALE

3
E4.9



RECESSED MOUNTED CAMERA DETAIL - HARD LID CEILING

NO SCALE

4
E4.9

GENERAL NOTES:

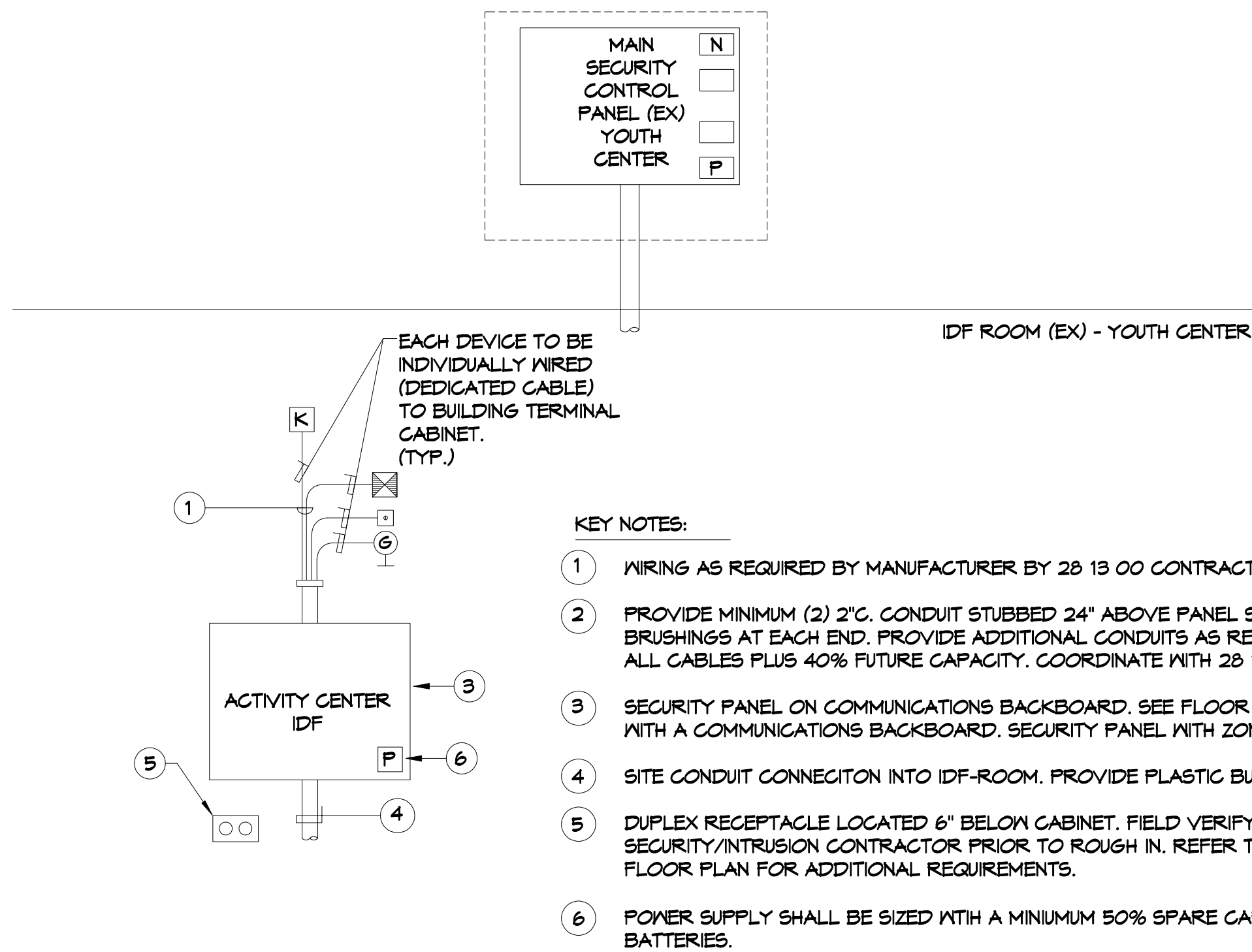
- ALL CONDUITS, POWER OUTLETS AND GROUNDING CONNECTIONS, BACKBOARDS AND REMOTE BUILDING COMMUNICATIONS CABINETS TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
- REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS, AND FLOOR PLANS FOR ADDITIONAL EQUIPMENT ITEMS REQUIRED, AND THEIR LOCATIONS.
- WHERE OPEN CONDUCTORS ARE INSTALLED ABOVE ACCESSIBLE CEILINGS, ALL CONDUCTORS SHALL BE NEATLY BUNDLED TOGETHER AND SUPPORTED FROM ROOF STRUCTURE. WHERE BUNDLED WITH OTHER COMMUNICATION SYSTEMS, IDENTIFYING TAGS SHALL BE PROVIDED TO IDENTIFY THESE CONDUCTORS FROM OTHER SYSTEMS.
- PROVIDE I.D. LABEL ON EACH END OF EACH CABLE.
- ALL SECURITY CABLING MUST BE SUPPORTED FROM THE STRUCTURE THE SAME AS REQUIRED FOR VOICE/DATA CABLING. SEE DETAIL FOR REQUIREMENTS.

1
E4.6

TYPICAL SECURITY/INTRUSION DETECTION SYSTEM DIAGRAM

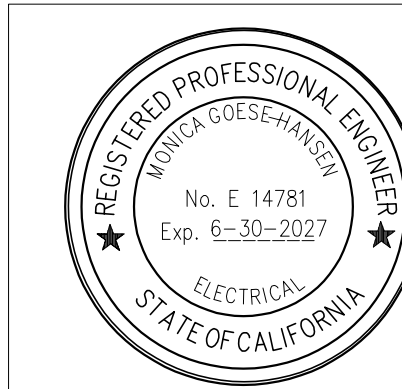
NO SCALE

5
E4.9



KEY NOTES:

- WIRING AS REQUIRED BY MANUFACTURER BY 28 13 00 CONTRACTOR.
- PROVIDE MINIMUM (2) 2" C. CONDUIT STUBBED 24" ABOVE PANEL SPACE. PROVIDE PLASTIC BRUSHINGS AT EACH END. PROVIDE ADDITIONAL CONDUITS AS REQUIRED TO ACCOMMODATE ALL CABLES PLUS 40% FUTURE CAPACITY. COORDINATE WITH 28 13 00 CONTRACTOR.
- SECURITY PANEL ON COMMUNICATIONS BACKBOARD. SEE FLOOR PLANS FOR IDF ROOMS WITH A COMMUNICATIONS BACKBOARD. SECURITY PANEL WITH ZONE EXPANDER MODULES.
- SITE CONDUIT CONNECTION INTO IDF-ROOM. PROVIDE PLASTIC BRUSHINGS AT EACH END.
- DUPLEX RECEPTACLE LOCATED 6" BELOW CABINET. FIELD VERIFY EXACT LOCATION WITH SECURITY/INTRUSION CONTRACTOR PRIOR TO ROUGH IN. REFER TO IDF ROOM ENLARGED FLOOR PLAN FOR ADDITIONAL REQUIREMENTS.
- POWER SUPPLY SHALL BE SIZED WITH A MINIMUM 50% SPARE CAPACITY WITH BACK-UP BATTERIES.



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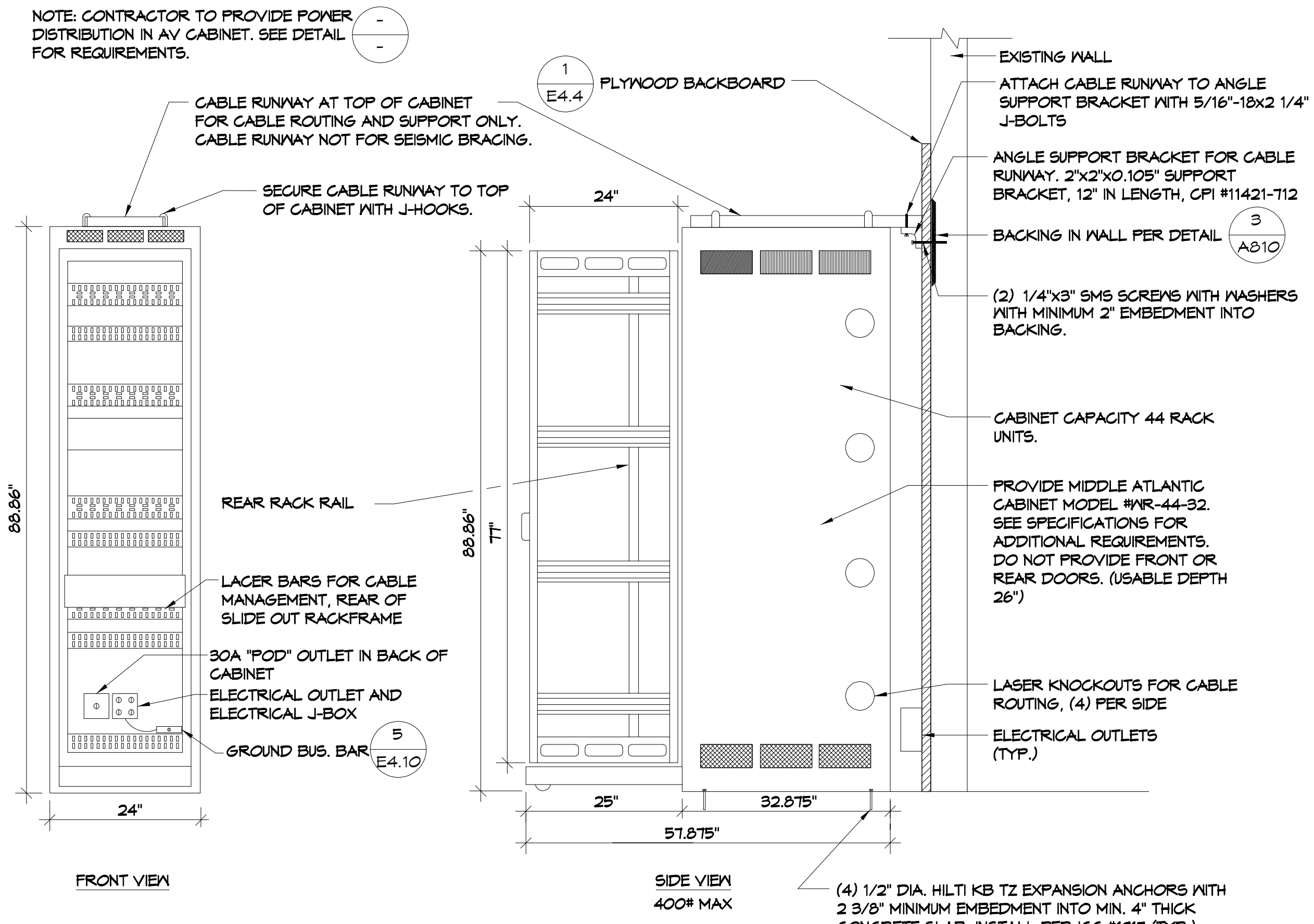
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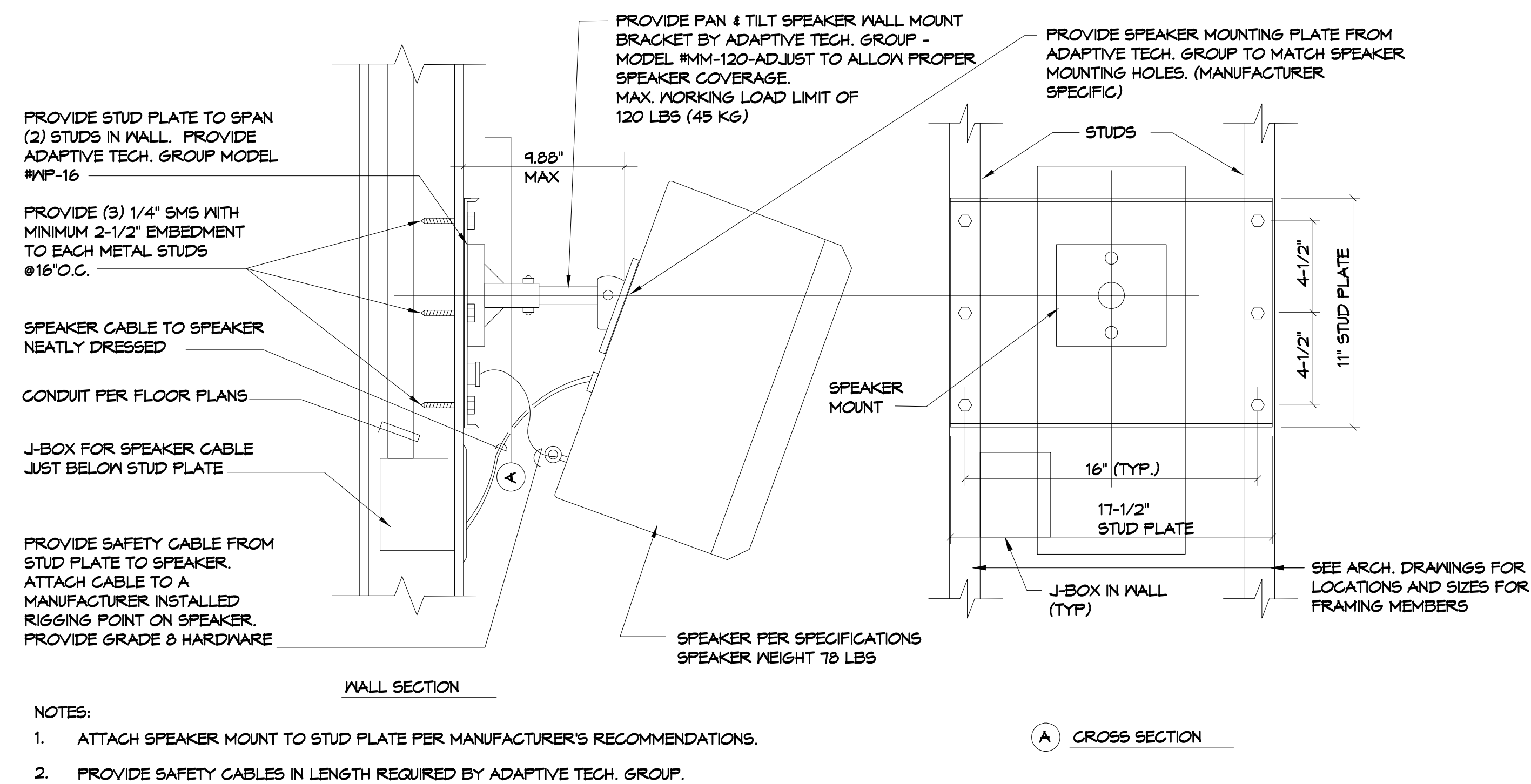


SOUND SYSTEM EQUIPMENT CABINET DETAIL
NO SCALE

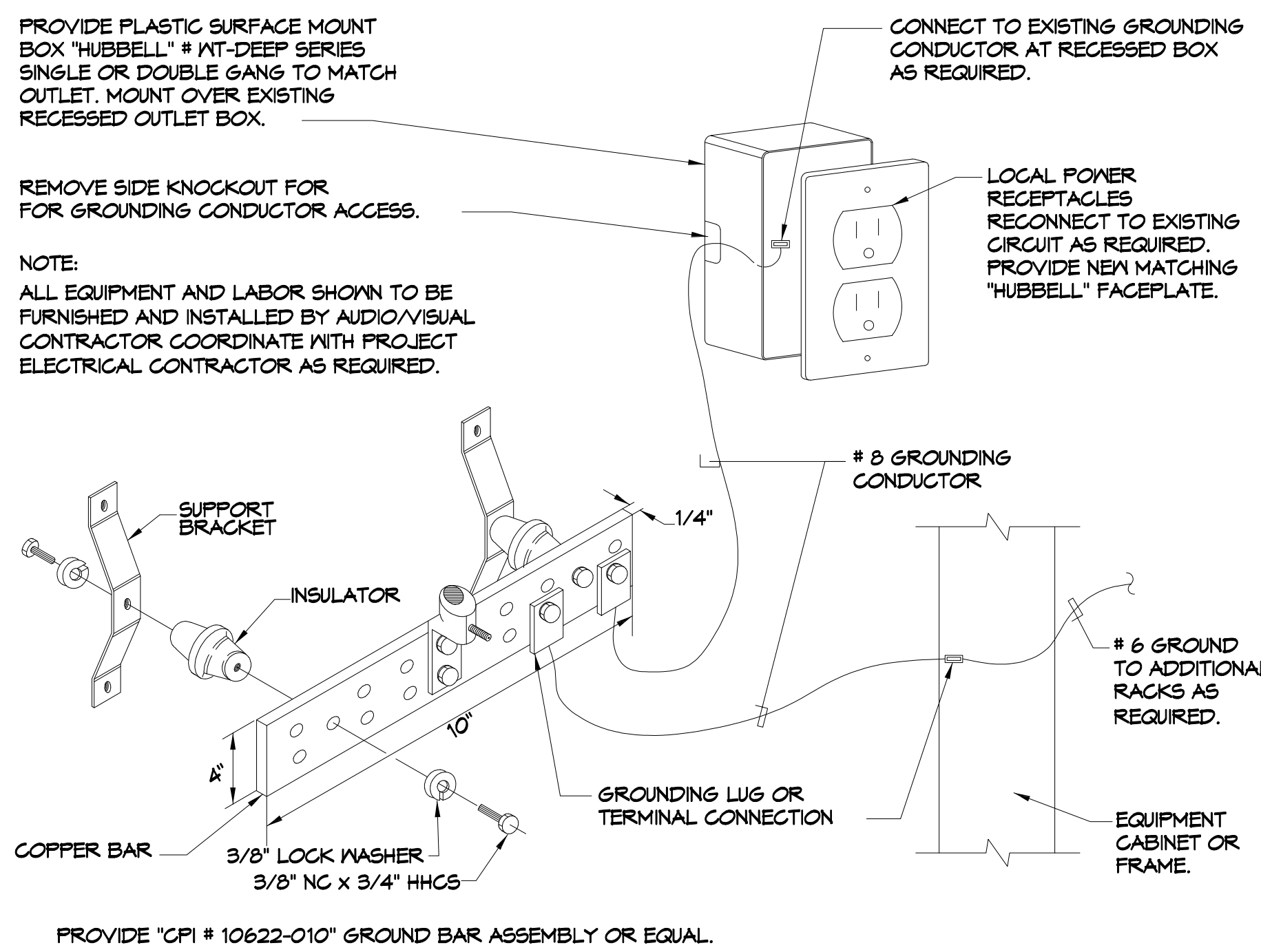
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E4.10

WALL MOUNTED SPEAKER DETAIL
NO SCALE

2
E4.10

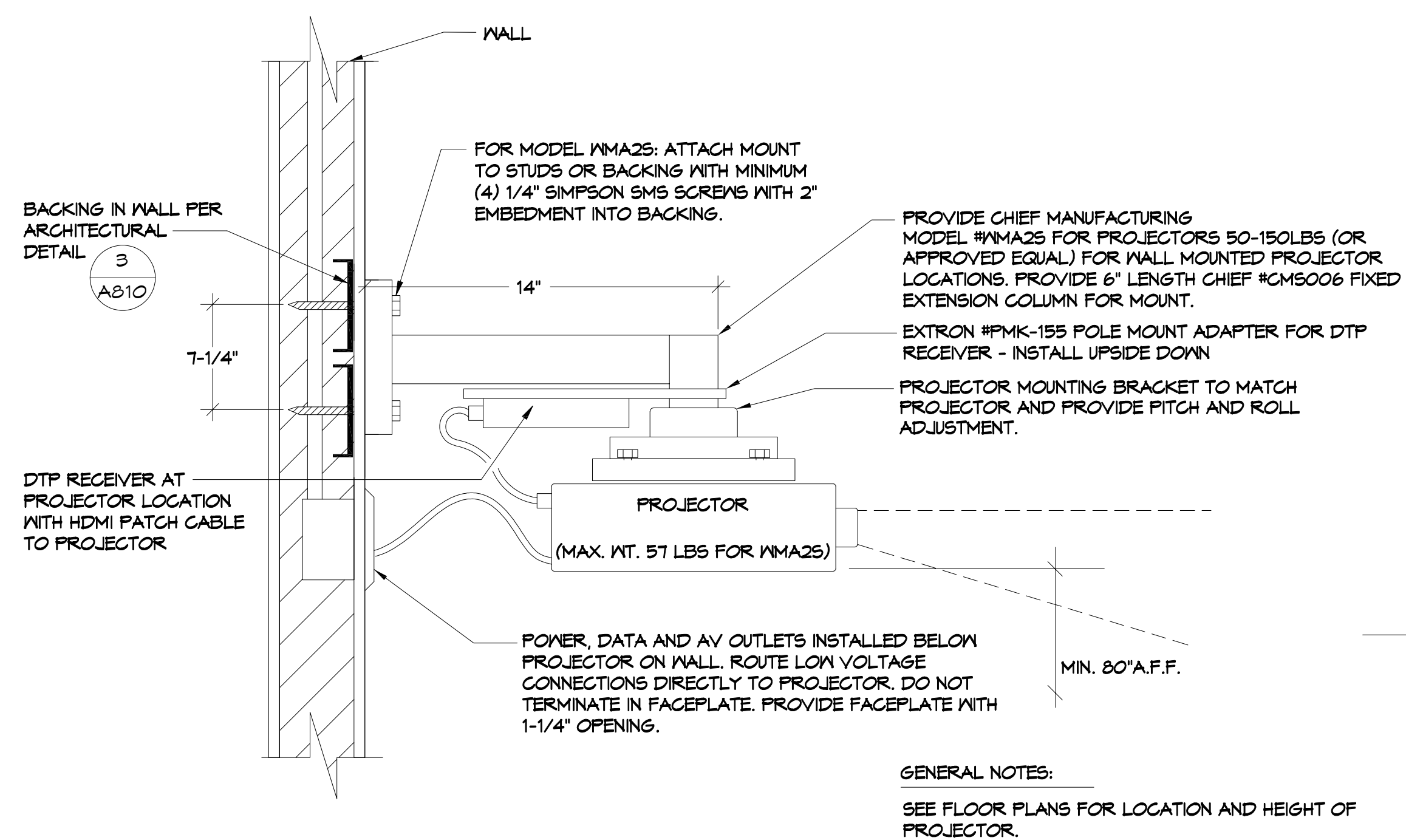


- NOTES:
1. ATTACH SPEAKER MOUNT TO STUD PLATE PER MANUFACTURER'S RECOMMENDATIONS.
 2. PROVIDE SAFETY CABLES IN LENGTH REQUIRED BY ADAPTIVE TECH. GROUP.



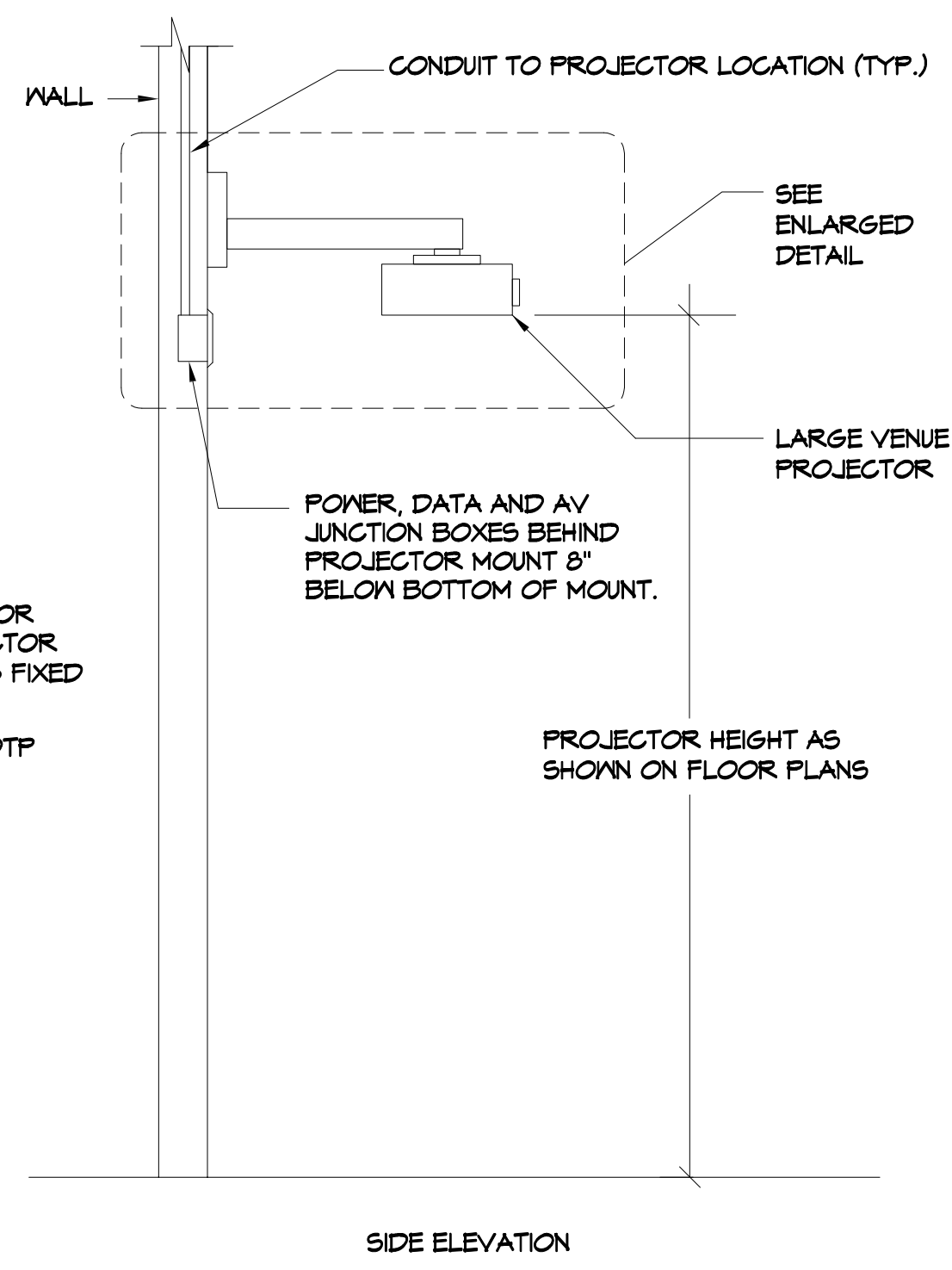
AUDIO-VISUAL CABINET GROUNDING DETAIL
NO SCALE

3
E4.10



TYPICAL WALL MOUNTED LARGE VENUE PROJECTOR
NO SCALE

4
E4.10



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AUDIO-VISUAL SYSTEM DETAILS

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ACTIVITY ROOM A/V DIAGRAM
NO SCALE

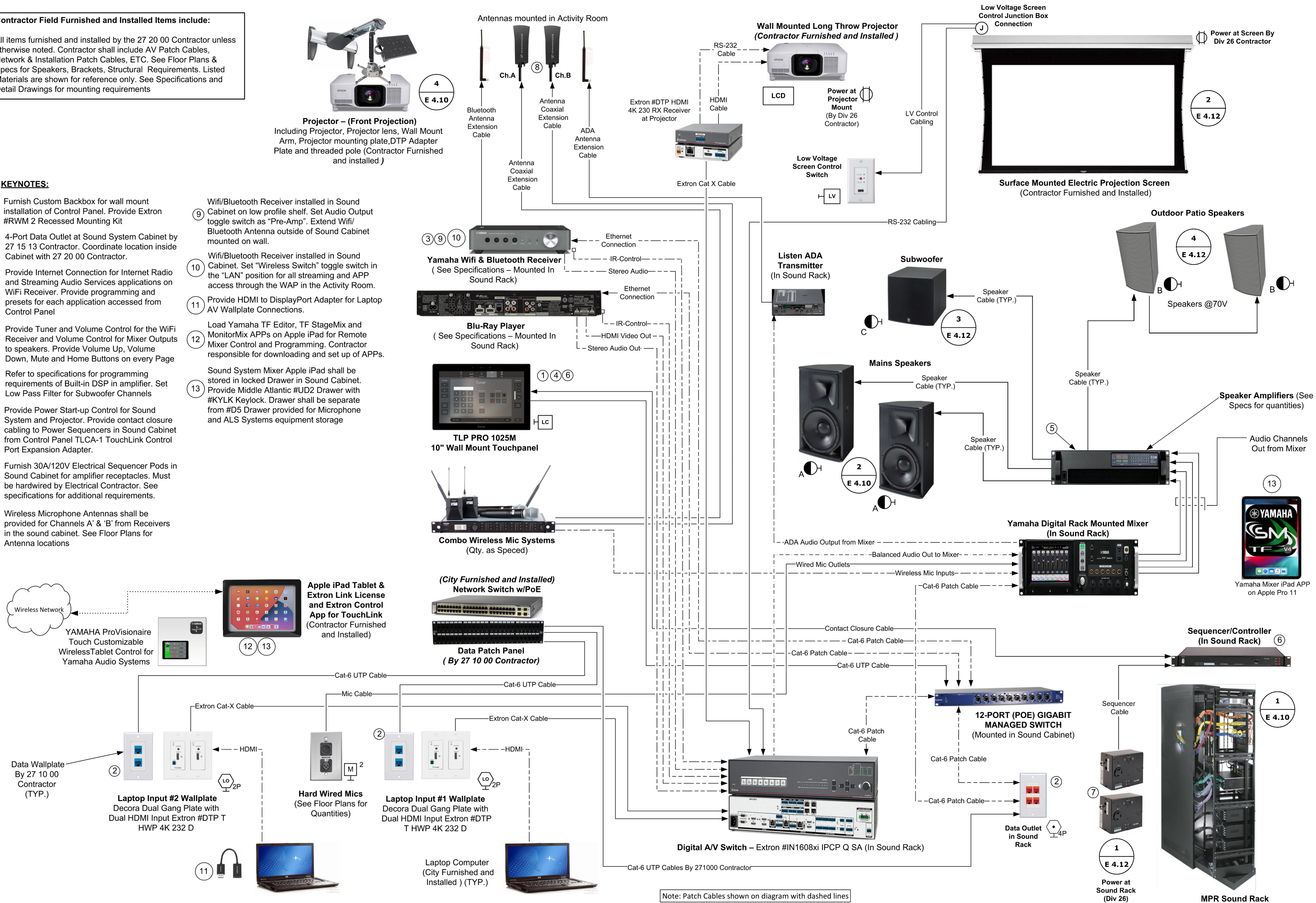
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Contractor Field Furnished and Installed Items include:

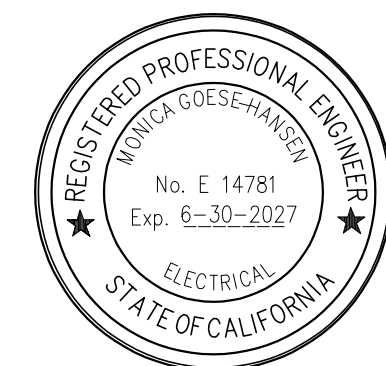
All items furnished and installed by the 27 20 00 Contractor unless otherwise noted. Contractor shall include AV Patch Cables, Network & Installation Patch Cables, ETC. See Floor Plans & Specs for Speakers, Brackets, Structural Requirements. Listed Materials are shown for reference only. See Specifications and Detail Drawings for mounting requirements

KEYNOTES:

- Furnish Custom Backbox for wall mount installation of Control Panel. Provide Extron #RWM 2 Recessed Mounting Kit
- 4-Port Data Outlet at Sound System Cabinet by 27 15 13 Contractor. Coordinate location inside Cabinet with 27 20 00 Contractor.
- Provide Internet Connection for Internet Radio and Streaming Audio Services applications on WiFi Receiver. Provide programming and presets for each application accessed from Control Panel
- Provide Tuner and Volume Control for the WiFi Receiver and Volume Control for Mixer Outputs to speakers. Provide Volume Up, Volume Down, Mute and Home Buttons on every Page
- Refer to specifications for programming requirements of Built-in DSP in amplifier. Set Low Pass Filter for Subwoofer Channels
- Provide Power Start-up Control for Sound System and Projector. Provide contact closure cabling to Power Sequencers in Sound Cabinet from Control Panel TLCA-1 TouchLink Control Port Expansion Adapter.
- Furnish 30A/120V Electrical Sequencer Pods in Sound Cabinet for amplifier receptacles. Must be hardwired by Electrical Contractor. See specifications for additional requirements.
- Wireless Microphone Antennas shall be provided for Channels A & B from Receivers in the sound cabinet. See Floor Plans for Antenna locations
- WiFi/Bluetooth Receiver installed in Sound Cabinet on low profile shelf. Set Audio Output toggle switch as "Pre-Amp". Extend WiFi/Bluetooth Antenna outside of Sound Cabinet mounted on wall.
- WiFi/Bluetooth Receiver installed in Sound Cabinet. Set "Wireless Switch" toggle switch in the "LAN" position for all streaming and APP access through the WAP in the Activity Room.
- Provide HDMI to DisplayPort Adapter for Laptop AV Wallplate Connections.
- Load Yamaha TF Editor, TF StageMix and MonitorMix APPs on Apple iPad for Remote Mixer Control and Programming. Contractor responsible for downloading and set up of APPs.
- Sound System Mixer Apple iPad shall be stored in locked Drawer in Sound Cabinet. Provide Middle Atlantic #UD2 Drawer with #KYLK Keylock. Drawer shall be separate from #D5 Drawer provided for Microphone and ALS Systems equipment storage



Note: Patch Cables shown on diagram with dashed lines



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ACTIVITY ROOM A/V DIAGRAM

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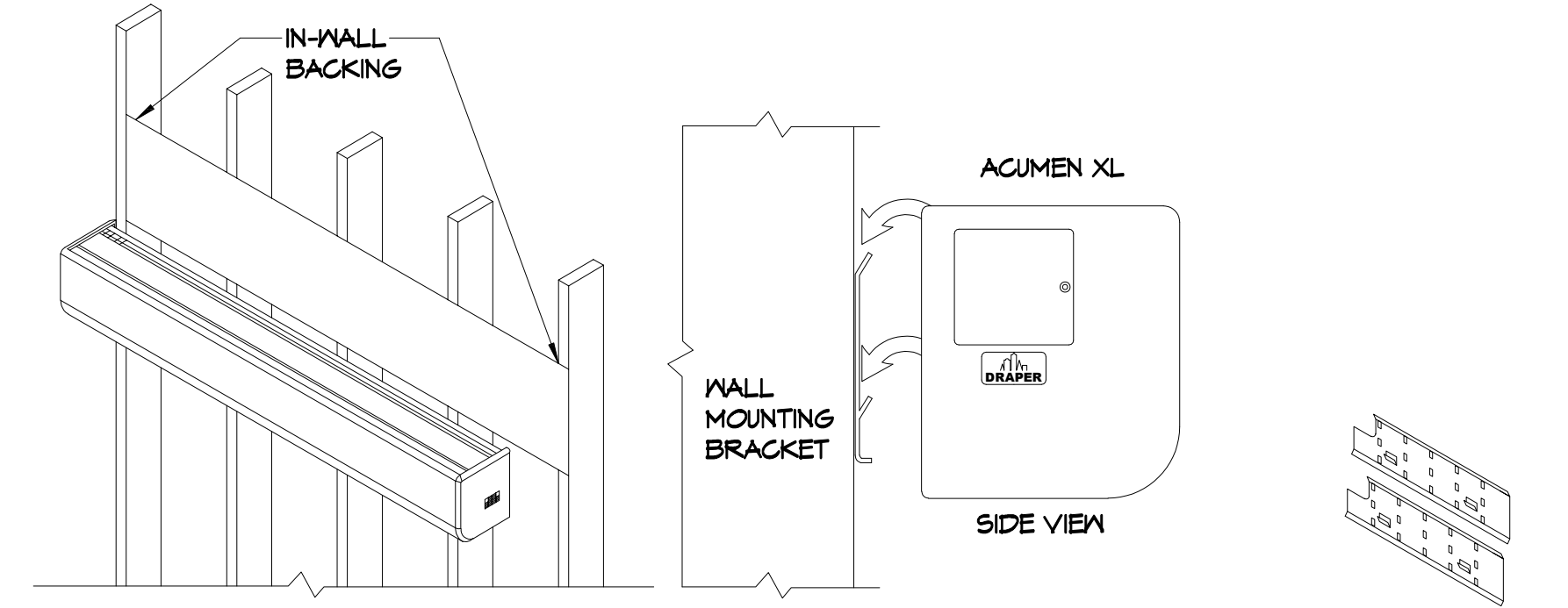
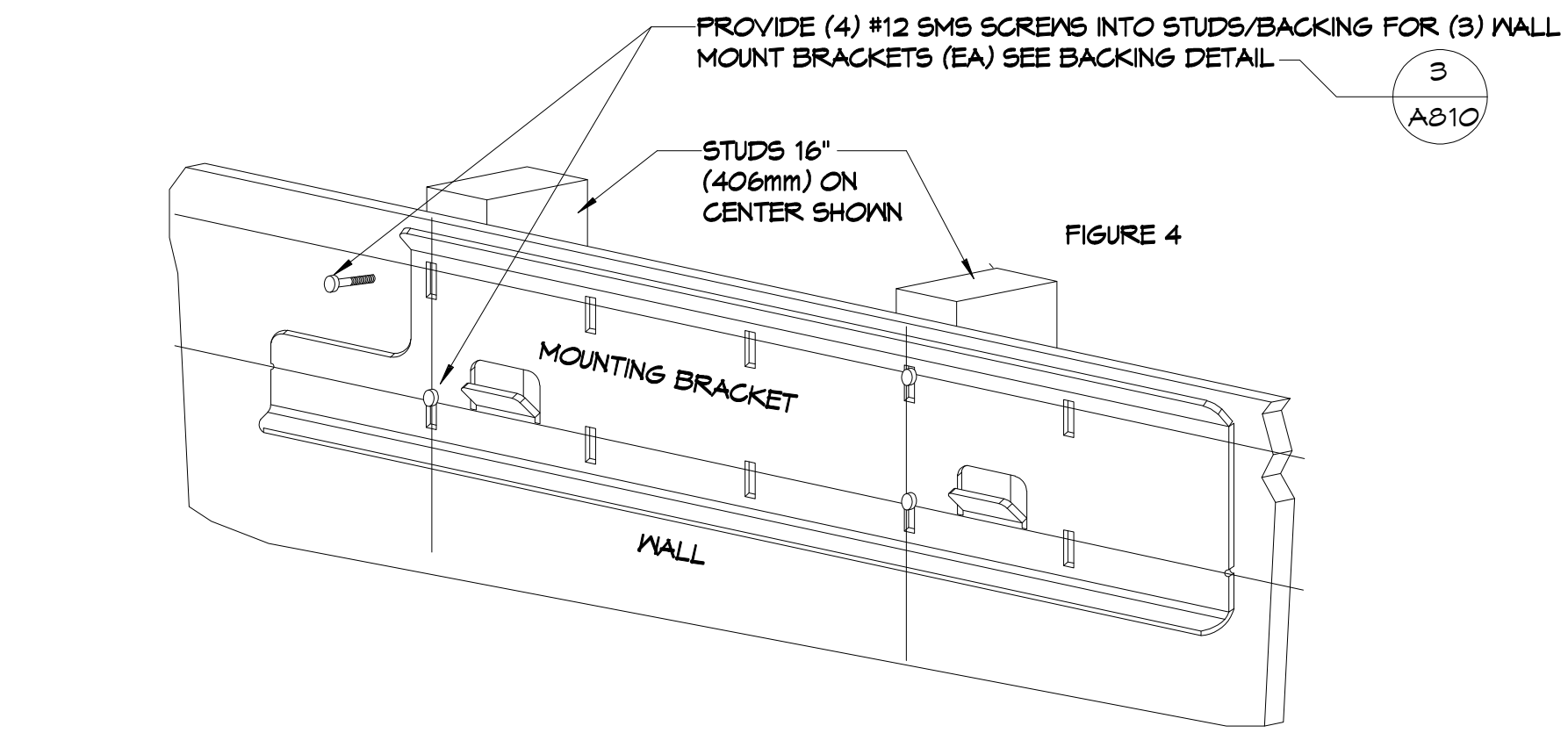
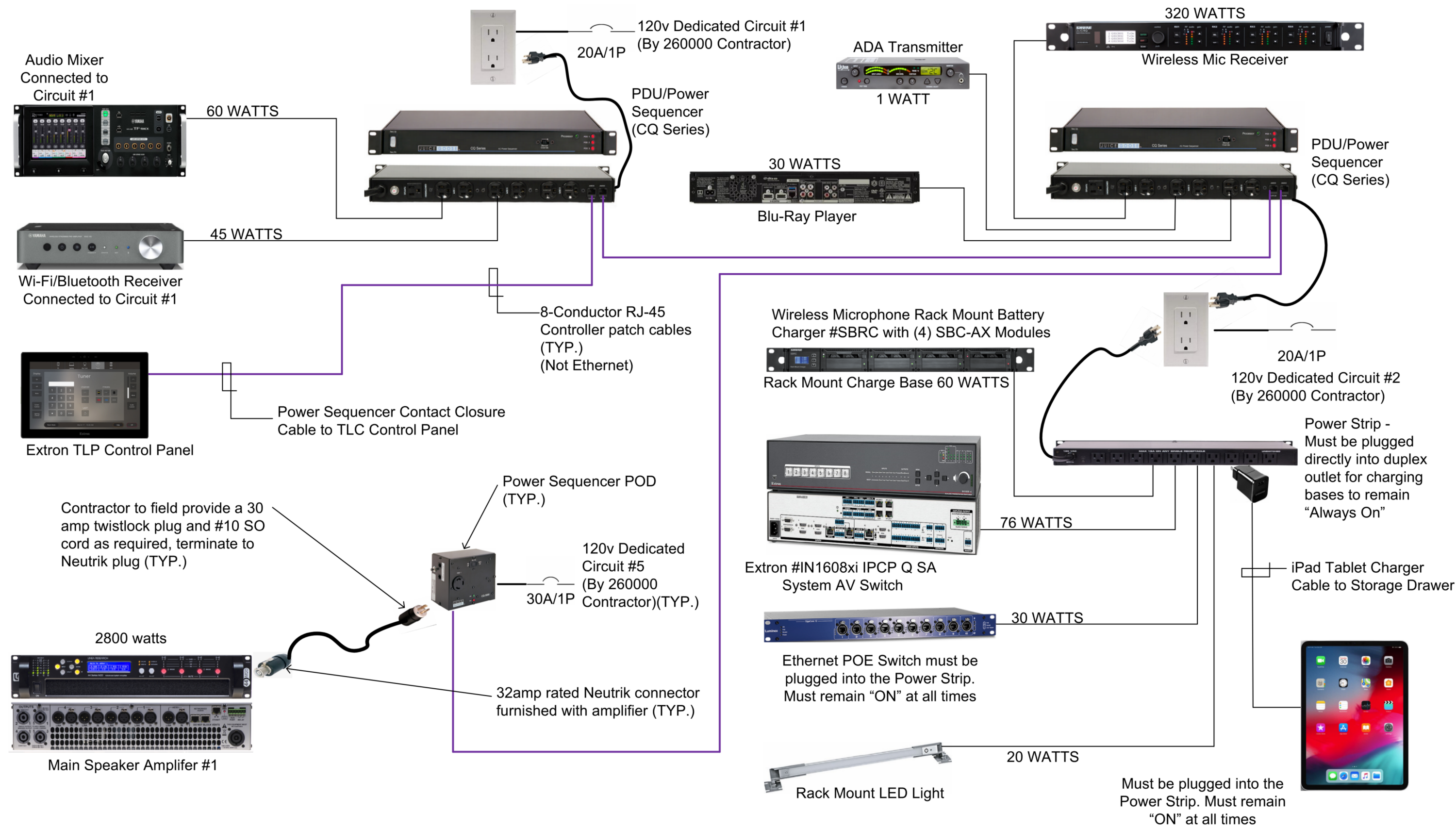
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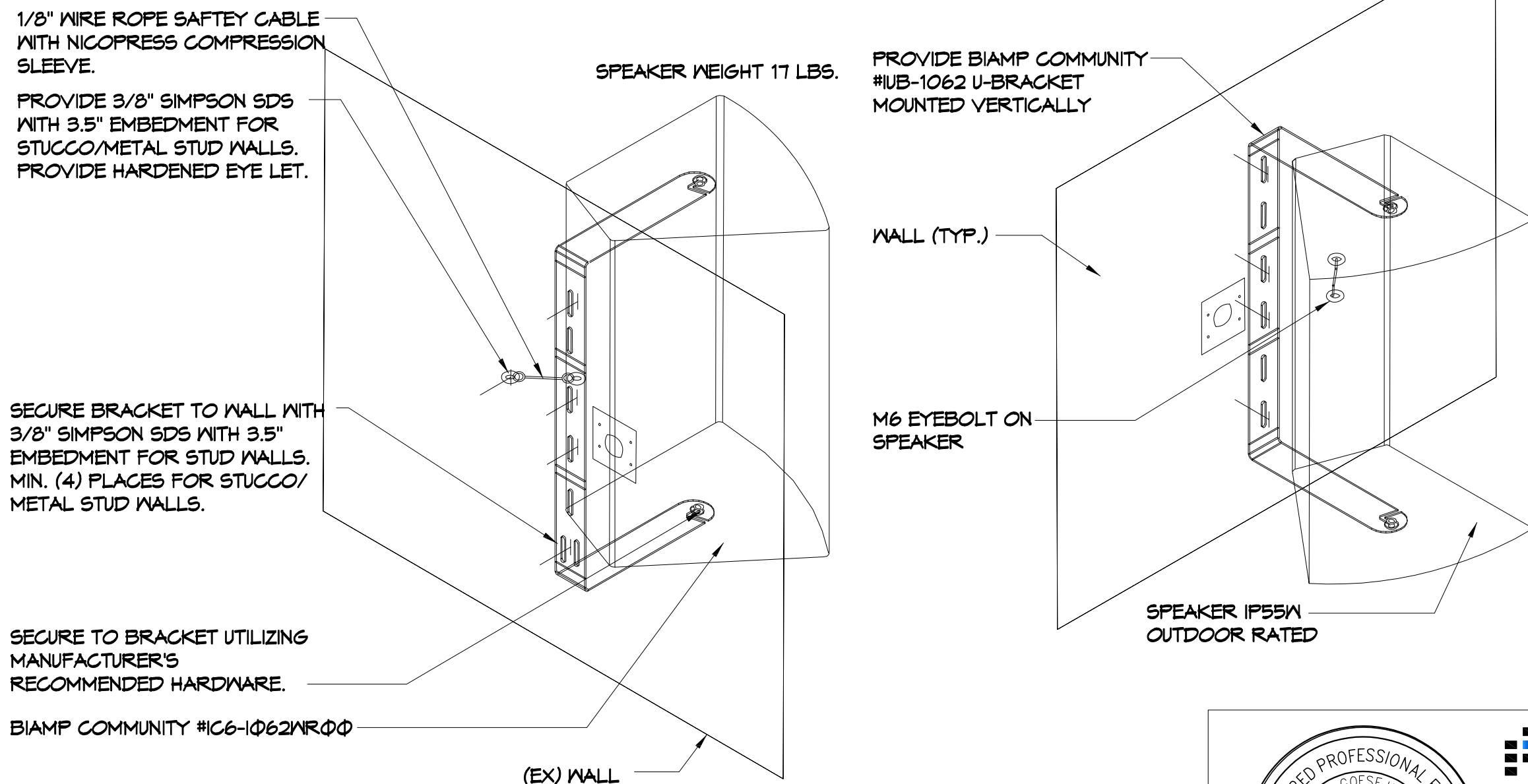
All items furnished and installed by the 27 20 00 Contractor unless otherwise noted. Contractor shall include AV Patch & Install cables, Power cords, etc. Not all items required are shown on this diagram. Major equipment devices shown for reference. Contractor shall refer to the specifications for additional requirements.



- GENERAL NOTES:**
1. MINIMUM OF (3) WALL MOUNTING BRACKETS MUST BE ATTACHED TO THE CASE.
 2. SLIDE ALL WALL BRACKET LOCKS TO THE CENTER OF THE CASE AND SECURE SET SCREW TO THE LOCK.
 3. PROVIDE LOW VOLTAGE CONTROL BACKBOX AND CABLING AT SCREEN LOCATION.

PROJECTION SCREEN MOUNTING DETAIL

NO SCALE



NOTE: ALL RIGGING HARDWARE MUST BE HARDENED STEEL. MINIMUM GRADE 5

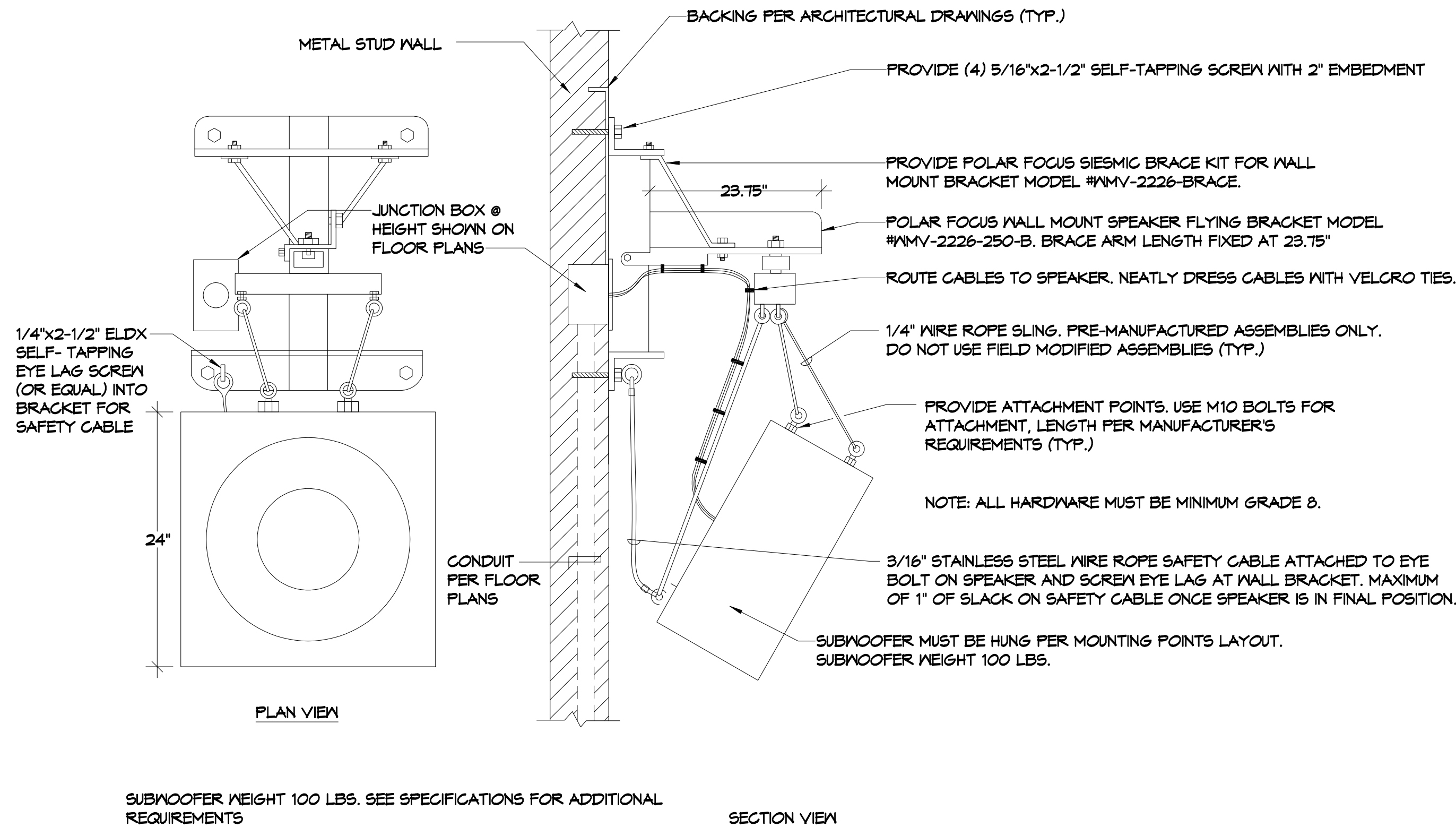
WALL MOUNTED YOKE MOUNT DETAIL-VERTICAL

NO SCALE

ACTIVITY ROOM AV SYSTEM POWER DIAGRAM

NO SCALE

NOTE:
HEIGHT INDICATED ON FLOOR PLANS FOR SUBWOOFERS, TO BE TO TOP OF CABINET. ALL MOUNTING HARDWARE SHALL BE INSTALLED ABOVE SUBWOOFER AS REQUIRED TO MAINTAIN THE PROPER HEIGHT. WALL MOUNT BRACKET'S WORKING LOAD LIMIT IS 250 LBS @ 5:1 RATIO.



SUBWOOFER WEIGHT 100 LBS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

SINGLE SUBWOOFER MOUNTING DETAIL - STEERABLE SUSPENSION SYSTEM

NO SCALE

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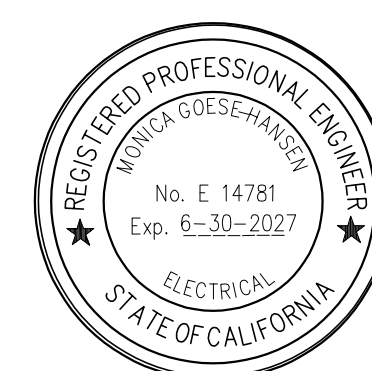
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