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## SYMBOLS

	CEILING MOUNTED
	WALL MOUNTED
	OCCUPANCY SENSOR, WATTS/PERSON, CALIBRATION NUMBER AS INDICATED.
	W-1000A, 1000 SOFT COVERAGE
	W-2000A, 2000 SOFT COVERAGE
	W-2000H, 90 LINEAR FEET COVERAGE (FOR HALLWAYS)
	WALL SENSOR SWITCH, TYPE AS INDICATED.
	S SINGLE RELAY, WATTS/PERSON CAT. #HW-100-W
	D DUAL RELAY, WATTS/PERSON CAT. #HW-200-W
	JUNCTION BOX
	MOTOR CONNECTION
	DISCONNECT SWITCH, RATINGS AS SHOWN.
	MOTOR STARTER, RATINGS AS SHOWN.
	SHEET NOTE NUMBER
	EQUIPMENT NUMBER, UPPER HALF INDICATES EQUIPMENT NUMBER, LOWER HALF INDICATES EQUIPMENT TYPE.
	LIGHT FIXTURE TYPE.

## DEMOLITION NOTES

1. ALL MATERIALS AS A RESULT OF DEMOLITION WORK SHALL REMAIN THE PROPERTY OF OWNER. THE OWNER WILL DETERMINE WHICH MATERIALS WILL BE KEPT BY THE OWNER. THE CONTRACTOR SHALL STORE THESE MATERIALS AS DIRECTED BY THE OWNER. ALL UNWANTED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AT CONTRACTOR'S EXPENSE.
2. WHERE INDICATED ON DRAWINGS TO DISCONNECT, RELOCATE OR REMOVE EXISTING BRANCH CIRCUIT WIRING OR EQUIPMENT, CONTRACTOR SHALL REMOVE WIRES, CABLES, CONDUITS, JUNCTION OR OUTLET BOXES BACK TO POWER SOURCE. CONCEALED CONDUITS MAY BE ABANDONED IN PLACE. GFCI OR PLUG DISCONNECTED CONDUITS BEYOND WALL OR CEILING SURFACE AND RESTORE TO MATCH ADJACENT SURFACES. RE-ROUTE BRANCH CIRCUIT WIRING WHERE NECESSARY TO MAINTAIN CIRCUIT CONTINUITY TO DEVICES THAT ARE TO REMAIN IN OPERATION.
3. VERIFY ALL EXISTING INSTALLATIONS IN THE FIELD PRIOR TO ANY DEMOLITION WORK. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO DEMOLITION.
4. ALL SURFACES DAMAGED BY THIS DEMOLITION WORK SHALL BE REPAIRED TO MATCH ADJACENT SURFACES.
5. UNLESS ELECTRIC, TELEPHONE, GAS, WATER, ETC.) THAT ARE DAMAGED AS A RESULT OF ANY DEMOLITION WORK SHALL BE RESTORED IN WORKING CONDITION TO THE SATISFACTION OF THE OWNER.

## GENERAL NOTES

1. JUNCTION BOXES AND OUTLET BOXES:
  - a. PROVIDE BLANK PLATE COVER FOR ALL JUNCTION BOXES.
  - b. PROVIDE BLANK PLATE COVER FOR ALL OUTLET BOXES FOR FUTURE VOICE/DATA OUTLETS AND OTHER FUTURE DEVICES.
2. EQUIPMENT GROUNDING CONDUCTOR:
  - a. FOR #8 AWG WIRES AND SMALLER PROVIDE GREEN INSULATED COPPER GROUNDING CONDUCTOR TO ALL BRANCH CIRCUIT WIRING (ON RACEWAY OR UL LISTED CABLE) FOR RECEPTACLES AND FIXED ELECTRIC EQUIPMENT.
  - b. FOR #6 AWG CABLES AND LARGER PROVIDE INSULATED COPPER GROUNDING CONDUCTOR TO POWER FEEDERS.
3. PLENUM RATED CABLES:
  - a. ALL TELEVISION BUILDING PER SPRINKLER SUPPLEMENTOR DOES NOT SPRINKLER THE INTERSTITIAL SPACE BETWEEN THE FIRE RATED ROOF / CEILING ASSEMBLY AND THE SUSPENDED CEILING SYSTEM THEN ALL COMPONENTS WITHIN THAT INTERSTITIAL SPACE SHALL BE PLENUM RATED AND NON COMBUSTIBLE. THE TI GC SHALL HAVE PLENUM RATED LISTINGS ON ALL MATERIALS, WIRING AND APPURTENANCES AS REQUIRED BY THE BUILDING DEPARTMENT FOR REVIEW AND APPROVAL AS NEEDED.
4. DRAWINGS AND SPECIFICATIONS HAVE NOT BEEN REVISED FOR CSAPH REQUIREMENTS BY THE CITY OF FRESNO.

## SYMBOLS

	CEILING MOUNTED
	WALL MOUNTED
	NONRECIPROCAL COMPACT FLUORESCENT, OR HID LIGHTING OUTLET AND EXOTHERM WITH EMERGENCY BATTERY BACK-UP.
	EXIT SIGN LIGHTING OUTLET AND EXOTHERM SHARED QUADRANT INDICATES LIGHTED FACE. DIRECTIONAL ARROWS AS INDICATED.
	FLUORESCENT LIGHTING OUTLET AND EXOTHERM.
	FLUORESCENT LIGHTING OUTLET AND EXOTHERM WITH EMERGENCY BATTERY BACK-UP. "NE" INDICATES NIGHTLIGHT (NONSWITCHED).
	ADAPTOR NUMBER INDICATES CIRCUIT CONNECTED TO. SMALL CASE LETTER INDICATES CONTROLLING SWITCH.
	WIRES IN CONDUIT CONCEALED ABOVE CEILING OR IN WALLS.
	WIRES IN CONDUIT CONCEALED BELOW FLOOR OR UNDERGROUND.
	HOME RUN TO PANEL OR TERMINAL CABINET LETTER INDICATES PANEL NUMBER INDICATES CIRCUIT NUMBER. NUMBERS IN PARENTHESES INDICATES MULTI-POLE CIRCUIT.
	GROSS HATCHES INDICATES NUMBER OF NO. 12 AWG WIRES EXCLUDING GROUND WIRE. NO GROSS HATCHES INDICATES #12 AWG WIRES. NUMBER ADJACENT TO GROSS HATCHES INDICATES WIRE SIZES LARGER THAN NO. 12 AWG.
	CONDUIT SIZE
	CONDUIT RISER UP
	CONDUIT RISER DOWN
	FLEXIBLE CONDUIT
	FIRE ALARM CABLES IN CONDUIT CONCEALED ABOVE CEILING OR IN WALLS. CABLE TYPE, SIZE AND QUANTITY AS SPECIFIED.
	TELEPHONE/DATA SYSTEM CONDUIT CONCEALED ABOVE CEILING OR IN WALLS. SIZE AS SHOWN OR NOTED. MINIMUM SIZE: 3/4" INCH.
	MASTER CALL SYSTEM CABLES IN CONDUIT CONCEALED ABOVE CEILING OR IN WALLS. CABLE TYPE, SIZE AND QUANTITY AS SPECIFIED.
	DISTRIBUTION PANELBOARD, SURFACE OR FLUSH WALL MOUNTED. MOUNT TOP OF CABINET 78 INCHES ABOVE FINISH FLOOR.
	LIGHTING AND APPLIANCE BRANCH CIRCUIT PANELBOARD, SURFACE OR FLUSH WALL MOUNTED. MOUNT TOP OF CABINET 78 INCHES ABOVE FINISH FLOOR.
	SINGLE POLE SWITCH, MOUNT DEVICE CENTER LINE 48 INCHES ABOVE FINISH FLOOR.
	THREE-WAY SWITCH, MOUNT DEVICE CENTER LINE 48 INCHES ABOVE FINISH FLOOR.
	SWITCH WITH THERMAL TRIP, MOUNT ADJACENT TO EQUIPMENT CONTROLLED.
	TIMER SWITCH, MOUNT DEVICE CENTER LINE 48 INCHES ABOVE FINISH FLOOR.
	ADAPTOR SMALL CASE LETTER INDICATES CONTROLLED DEVICE.
	DUPLEX RECEPTACLE, MOUNT DEVICE CENTER LINE 18 INCHES ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED.
	DUPLEX RECEPTACLE WITH-POLE CIRCUIT.
	ADAPTOR NUMBER INDICATES CIRCUIT NUMBER CONNECTED TO. NUMBERS IN PARENTHESES INDICATES MULTI-POLE CIRCUIT.
	WALL TELEPHONE OUTLET [ONE (1) VOICE JACK], MOUNT DEVICE CENTERLINE 48 INCHES ABOVE FINISH FLOOR. STUB-UP 3/4" INCH CONDUIT ABOVE ACCESSIBLE CEILING.
	TELEPHONE OUTLET [ONE (1) VOICE JACK], MOUNT DEVICE CENTERLINE 18 INCHES ABOVE FINISH FLOOR. STUB-UP 3/4" INCH CONDUIT ABOVE ACCESSIBLE CEILING.
	VOICE/DATA OUTLET [ONE (1) DATA JACK AND ONE (1) VOICE JACK], MOUNT DEVICE CENTER LINE 18 INCHES ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED. STUB-UP 3/4" INCH CONDUIT ABOVE ACCESSIBLE CEILING.
	DATA OUTLET [ONE (1) DATA JACK], MOUNT DEVICE CENTER LINE 18 INCHES ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED. STUB-UP 3/4" INCH CONDUIT ABOVE ACCESSIBLE CEILING.
	FUTURE DATA OUTLET WITH BLANK PLATE COVER, MOUNT DEVICE CENTER LINE 18 INCHES ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED. STUB-UP 3/4" INCH CONDUIT ABOVE ACCESSIBLE CEILING.
	TV OUTLET, MOUNT DEVICE CENTER LINE 18 INCHES ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED. STUB-UP 3/4" INCH CONDUIT ABOVE ACCESSIBLE CEILING.
	FIRE ALARM MANUAL PULLSTATION, MOUNT DEVICE CENTER LINE 48 INCHES ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED.
	FIRE ALARM STROKE, MOUNT DEVICE CENTER LINE 80 INCHES ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED.
	FIRE ALARM COMBINATION CHIME/STORAGE, MOUNT DEVICE CENTER LINE 80 INCHES ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED.
	SMOKE DETECTOR, CEILING MOUNTED.
	SMOKE DETECTOR, DUCT MOUNTED.
	FLOW SWITCH.
	SUPERVISORY SWITCH.
	NURSE CALL DOME LIGHT, MOUNT ABOVE DOOR OR ON CEILING AS SHOWN.
	NURSE CALL STATION, MOUNT DEVICE CENTER LINE 48 INCHES ABOVE FINISH FLOOR UNLESS OTHERWISE NOTED. SUBSCRIPT INDICATES TYPE.
	M - MASTER STATION
	E - EMERGENCY PULL STATION
	P - PATIENT CALL STATION
	D - DUTY STATION

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ASSIGNED DESIGN, P.E.  
 CONSULTING ENGINEER  
 CIVIL, MECHANICAL, ELECTRICAL,  
 AND PLUMBING, SANITARY  
 AND STRUCTURAL  
 114100  
 LICENSED ENGINEER  
 STATE OF CALIFORNIA  
 NO. 67072

Submitted By	Date
PERMIT SUBMITTAL	12/14/2011 UM

**Architect's Stamp**

Job Number	Sheet Number
111368	E0.1

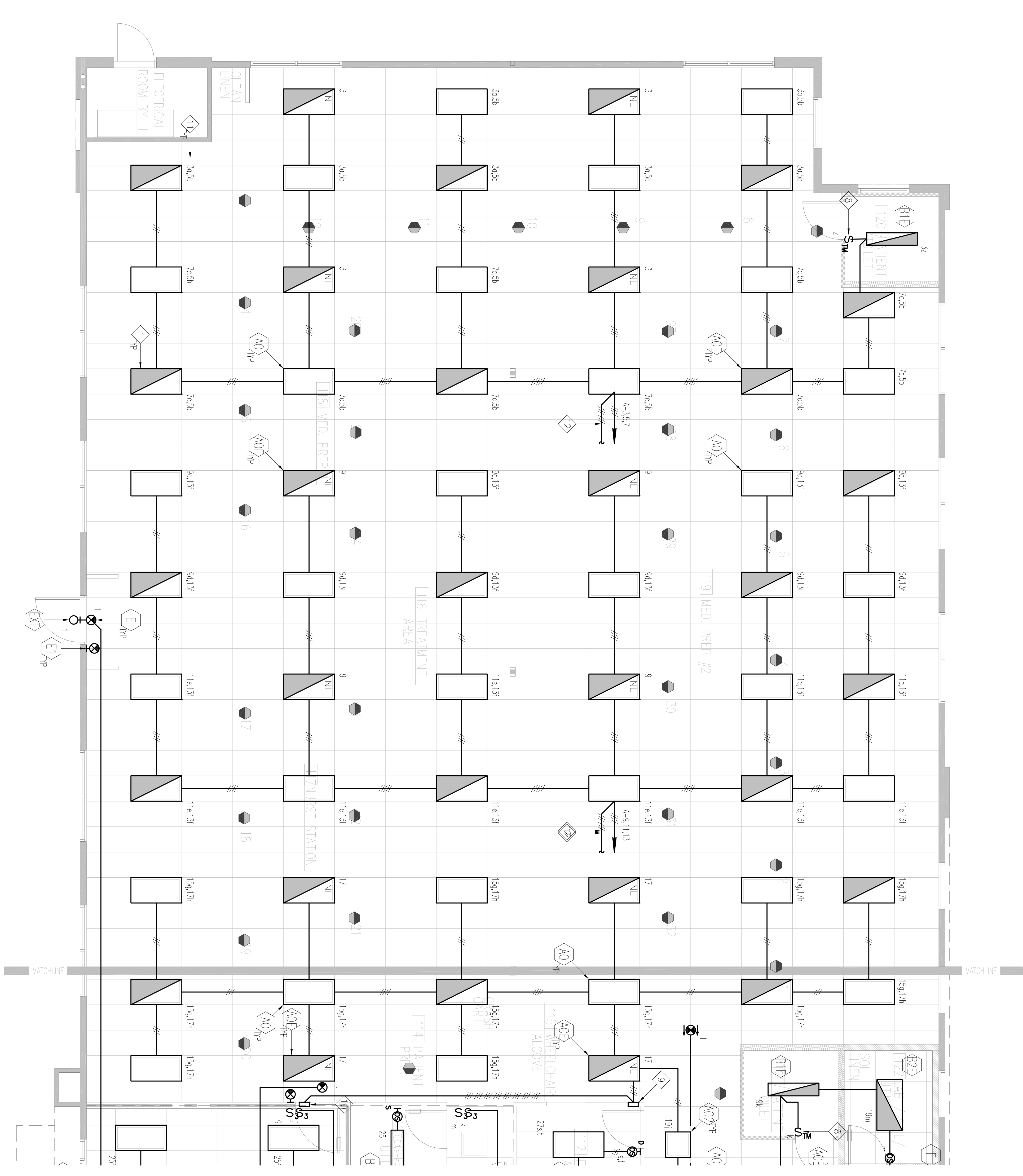
**SYMBOLS, ABBREVIATIONS & GENERAL NOTES**











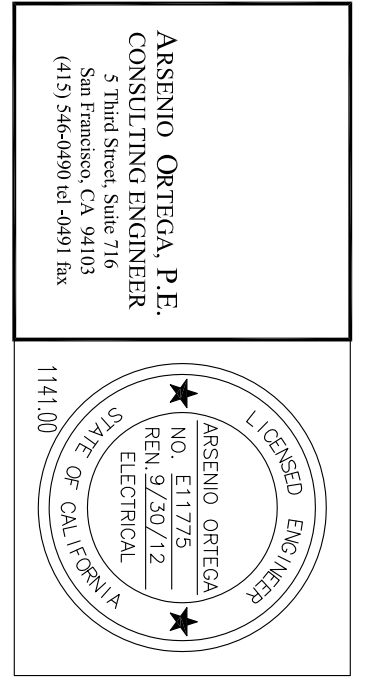
1 LIGHTING PLAN  
SCALE: 1/4" = 1'-0"

**SHEET NOTES**

- 1 LIGHT FIXTURES WITH EMERGENCY BATTERY PACK (E/BM) SHALL BE SHOWN IN NORMAL MODE EXCEPT NIGHT LIGHTS (DESIGNATED WITH "NL"), WHICH SHALL BE UNSWITCHED.
- 2 PROVIDE LIGHTING CONTROL SYSTEM TO COMPLY WITH TITLE 24 ENERGY CODE MANDATORY REQUIREMENT OF LIGHTING SHUT-OFF AFTER OFFICE HOURS. SEE SPECIFICATIONS SECTION 16550 FOR REQUIREMENT.
- 3 PROVIDE BR-PAN/OVERHEAD TRUSS SWITCH FOR LIGHTING CONTROL SYSTEM PER TITLE 24 ENERGY CODE MANDATORY REQUIREMENT.
- 4 PROVIDE POWER PACK. SEE WIRING DIAGRAM 2 ON SHEET ES.1 FOR ADDITIONAL REQUIREMENT.
- 5 PROVIDE POWER PACK. SEE WIRING DIAGRAM 3 ON SHEET ES.1 FOR ADDITIONAL REQUIREMENT.
- 6 PROVIDE POWER PACK. SEE WIRING DIAGRAM 4 ON SHEET ES.1 FOR ADDITIONAL REQUIREMENT.
- 7 DIAL RELAY SENSOR SWITCH. CONNECT ONE RELAY TO LIGHT. THE OTHER TO EXHAUST FAN. CONNECT SWITCHES IN PARALLEL. WHERE TWO SWITCHES CONTROL ONE EXHAUST FAN, PROVIDE CONTRACTOR FOR MOTOR LARGER THAN 1 HP. COORDINATE CONTROLS WITH MECHANICAL CONTRACTOR.
- 8 FAN AND LIGHT TRUSS SWITCH. WHITE BODY, 120VAC, ADJUSTABLE OFF DELAY FROM 1 TO 60 MINUTES, 500W LAMP LOAD MAX. 3 HP FAN LOAD MAX. SWITCH NOT MODEL 11517. CONNECT ONE RELAY TO LIGHT. THE OTHER TO EXHAUST FAN. CONNECT SWITCHES IN PARALLEL. WHERE TWO SWITCHES CONTROL ONE EXHAUST FAN, PROVIDE CONTRACTOR FOR MOTOR LARGER THAN 1 HP. COORDINATE CONTROLS WITH MECHANICAL CONTRACTOR.
- 9 SWITCHBANK #1 - EIGHT 3-WAY SWITCHES "C" THRU "H".
- 10 SWITCHBANK #2 - EIGHT 3-WAY SWITCHES "C" THRU "H".
- 11 WHERE TWO SWITCHES ARE INDICATE TO CONTROL A FIXTURE, THE FIRST SWITCH CONTROLS THE OUTER LAMP, AND THE SECOND SWITCH CONTROLS THE INNER LAMP.
- 12 WIRING TO SWITCH BANK #1.

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 FOR  
**DAVITA, INC.**  
 405 Power Parkway  
 Delano, California



*Architect's Stamp*

Sequential History No.	Description	Date	By
-	PERMIT SUBMITTAL	12/14/2011	UM

*Drawing Title*

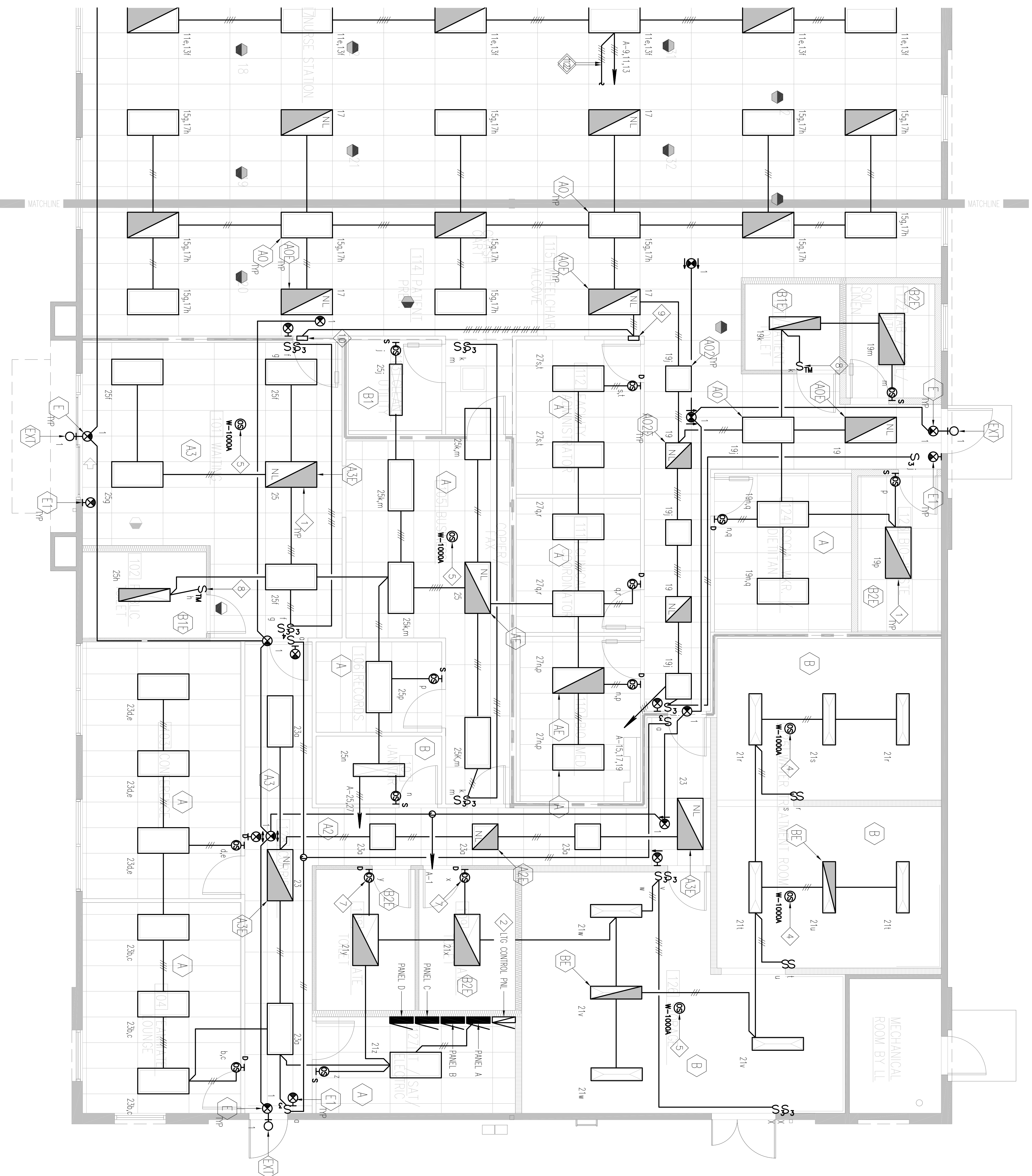
**LIGHTING PLAN**

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Drawn By	LJM / JM		
Checked By	DKK		

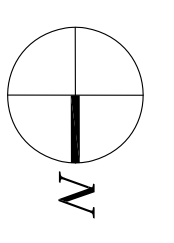
Job Number 111308  
 CADD Path 100/  
 Drawn By LJM / JM  
 Checked By DKK

Sheet Number  
**E2.1**

BUILDING PERMIT SUBMITTAL



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

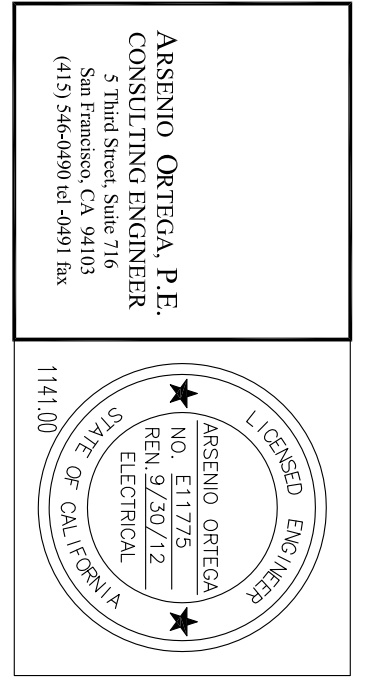


**SHEET NOTES**

- 1 LIGHT FIXTURES WITH EMERGENCY BATTERY PACK (E/M/N) HALF-SHROUD) SHALL BE SWITCHED IN NORMAL MODE EXCEPT NIGHT LIGHTS (DESIGNATED WITH "NL"), WHICH SHALL BE UNSWITCHED.
- 2 PROVIDE LIGHTING CONTROL SYSTEM TO COMPLY WITH TITLE 24 ENERGY CODE MANDATORY REQUIREMENT OF LIGHTING SHUT-OFF AFTER OFFICE HOURS. SEE SPECIFICATIONS SECTION 16550 FOR REQUIREMENT.
- 3 PROVIDE BR-PAN/OVERIDE TIMER SWITCH FOR LIGHTING CONTROL SYSTEM PER TITLE 24 ENERGY CODE MANDATORY REQUIREMENT.
- 4 PROVIDE POWER PACK. SEE WIRING DIAGRAM 2 ON SHEET ES.1 FOR ADDITIONAL REQUIREMENT.
- 5 PROVIDE POWER PACK. SEE WIRING DIAGRAM 3 ON SHEET ES.1 FOR ADDITIONAL REQUIREMENT.
- 6 PROVIDE POWER PACK. SEE WIRING DIAGRAM 4 ON SHEET ES.1 FOR ADDITIONAL REQUIREMENT.
- 7 DIAL RELAY SENSOR SWITCH. CONNECT ONE RELAY TO LIGHT; THE OTHER TO EXHAUST FAN. CONNECT SWITCHES IN PARALLEL WHERE TWO SWITCHES CONTROL ONE EXHAUST FAN. PROVIDE CONTRACTOR FOR MOTOR LARGER THAN 1 HP. COORDINATE CONTROLS WITH MECHANICAL CONTRACTOR.
- 8 FAN AND LIGHT TIMER SWITCH. WHITE BODY, 120VAC, ADJUSTABLE OFF DELAY FROM 1 TO 60 MINUTES, SLOW LAPSE LOAD DUX, 3 RELAY TO LIGHT; THE OTHER TO EXHAUST FAN. CONNECT ONE RELAY TO LIGHT; THE OTHER TO EXHAUST FAN. PROVIDE CONTRACTOR FOR MOTOR LARGER THAN 1 HP. COORDINATE CONTROLS WITH MECHANICAL CONTRACTOR.
- 9 SWITCHBANK #1 - EIGHT 3-WAY SWITCHES "2" THRU "7".
- 10 SWITCHBANK #2 - EIGHT 3-WAY SWITCHES "2" THRU "7".
- 11 WHERE TWO SWITCHES ARE INDICATE TO CONTROL A FIXTURE, THE FIRST SWITCH CONTROLS THE OUTER LAMP; AND THE SECOND SWITCH CONTROLS THE INNER LAMP.
- 12 WIRING TO SWITCHBANK #1.

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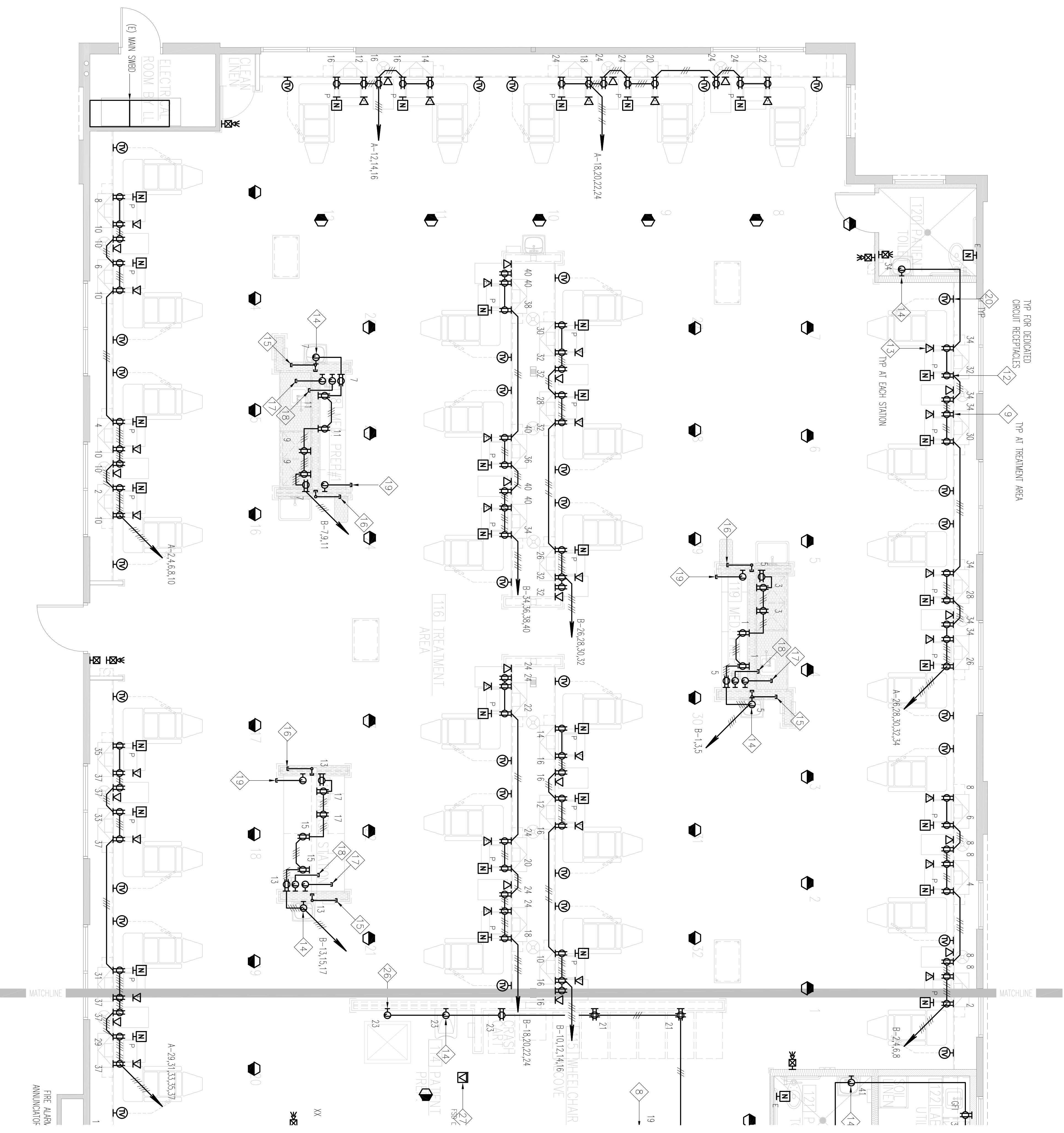
Sequential History No.	Description	Date	By
-	PERMIT SUBMITTAL	12/14/2011	UM

*Drawing Title*

Job Number	Sheet Number
111308	E22

*Lighting Plan*

CD# Path	Drawn By	Checked By
101/	UM / AM	DPK



**1** POWER PLAN  
SCALE: 1/4" = 1'-0"

- GENERAL NOTES**
- 1 SEE INTERIOR ELEVATIONS ON SHEET A&I, THERE ARE 5 FOR LOCATIONS AND MONITORING HEIGHTS OF SWITCHES, RECEPTACLES AND OTHER WIRING DEVICES.
  - 2 VERIFY EXACT LOCATION OF SECURITY SYSTEM CABINET AND DEVICES WITH SECURITY SYSTEM CONTRACTOR.
  - 3 VERIFY EXACT LOCATION OF RECEPTACLES AND CONTROL DEVICES WITH RO SYSTEM CONTRACTOR.
  - 4 SEE SPECIFICATIONS FOR THE ALARM SYSTEM AND NISSEI CALL REQUIREMENTS.

- SHEET NOTES**
- 1 1/2", #10C
  - 2 CONNECT TO WH-1 CONTROLS (120V).
  - 3 CONNECT TO WH-2 CONTROLS (120V).
  - 4 CONNECT TO CF (110V, 115V, 14).
  - 5 CONNECT TO CU-1 ON ROOF.
  - 6 CONNECT TO FC-1.
  - 7 NOT USED.
  - 8 MISCELLANEOUS ALARM PANELS PROVIDED BY OTHERS PROVIDE 120VDC POWER SUPPLY ONLY.
  - 9 GET TYPE RECEPTACLE.
  - 10 APPHONE SEE ARCHITECTURAL INTERIOR ELEVATIONS FOR REQUIREMENT.
  - 11 INTERCONNECT SMOKE DETECTOR ALARM/RELAY WITH FIRE SMOKE DAMPER.
  - 12 RECEPTACLES ON INDICATED CIRCUIT SHALL HAVE GRY BODY AND COVER.
  - 13 FUTURE DATA OUTLET PROVIDE BLANK PLATE COVER.
  - 14 CONNECT TO AUTOMATIC SENSOR (OR RAE ENDS AND COIL PIGTAIL INSIDE OUTLET BOX FOR FUTURE SENSOR PROVIDE BLANK PLATE COVER.) MOUNT OUTLET BOX AS HIGH AS POSSIBLE BELOW SINK.
  - 15 (2) 2/0 FOR VOICE/DATA CABLES STUB OUT ABOVE CEILING FROM WIRE CHASE PROVIDE PULLWIRE.
  - 16 (2) 2/0 FOR SECURITY CAMERA, MONITOR, INTERCOM, LOCK RELEASE AND DOOR BELL CABLES STUB OUT ABOVE CEILING FROM WIRE CHASE PROVIDE PULLWIRE.
  - 17 1/2" FOR APPHONE WITH VIDEO MONITOR CABLES STUB OUT ABOVE CEILING FROM WIRE CHASE PROVIDE PULLWIRE.
  - 18 1 1/2" FOR NISSEI CALL CABLES STUB OUT ABOVE CEILING FROM WIRE CHASE PROVIDE PULLWIRE.
  - 19 1/2" FOR LOW VELOCITY ALARM AND HOT WATER ALARM CABLES STUB OUT ABOVE CEILING FROM WIRE CHASE PROVIDE PULLWIRE.
  - 20 FOR EACH TV OUTLET PROVIDE 2/0 STUB OUT ABOVE CEILING PROVIDE PULLWIRE.
  - 21 NOT USED.
  - 22 2/0 WITH PULLWIRE FOR AUDIO/VIDEO CABLE LINK FROM TV TO MOBILE CABIN.
  - 23 STORAGE ROOM DOORBELL INTERCOM SYSTEM BY APPHONE.
  - 24 PUSHBUTTON TO RELEASE DOOR STRIKE AND BUZZER MOUNT BELOW COUNTER.
  - 25 DOOR STRIKE AND BUZZER PROVIDE STEP-DOWN TRANSFORMER AS REQUIRED.
  - 26 LOCATE JUNCTION BOX IN FRONT OF SCALE ON PANEL HEIGHT WALL.
  - 27 PROVIDE SINGLE-GANG GANGE PLATE (AND RING) ON CEILING FOR WH-9 CORONA/EXACT LOCATION WITH OWNER REPRESENTATIVE.
  - 28 FOR TV EQUIPMENT VERIFY EXACT LOCATION WITH TV EQUIPMENT SUPPLIER.
  - 29 EXACT LOCATION OF FIRE ALARM PANEL SHALL BE AS DIRECTED BY FIRE WASHAL DURING SHOP DRAWING REVIEW OR IN THE FIELD VERIFY WITH FIRE WASHAL FROM TO ANY RESOLUTION OF PANEL AND ASSOCIATED CONDUITS AND CABLES.
  - 30 2/0 STUB OUT FOR FUTURE PANEL. HOOKUP TO MAIN SWITCHBOARD.
  - 31 2/0 STUB OUT FOR FUTURE TELEPHONE CABLES. HOOKUP TO TEL. CABINET.

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ASSISTED OFFICER, P.E.  
CONSULTING ENGINEER  
NO. E220732  
REGISTERED ELECTRICAL ENGINEER  
11/14/07

11/14/07

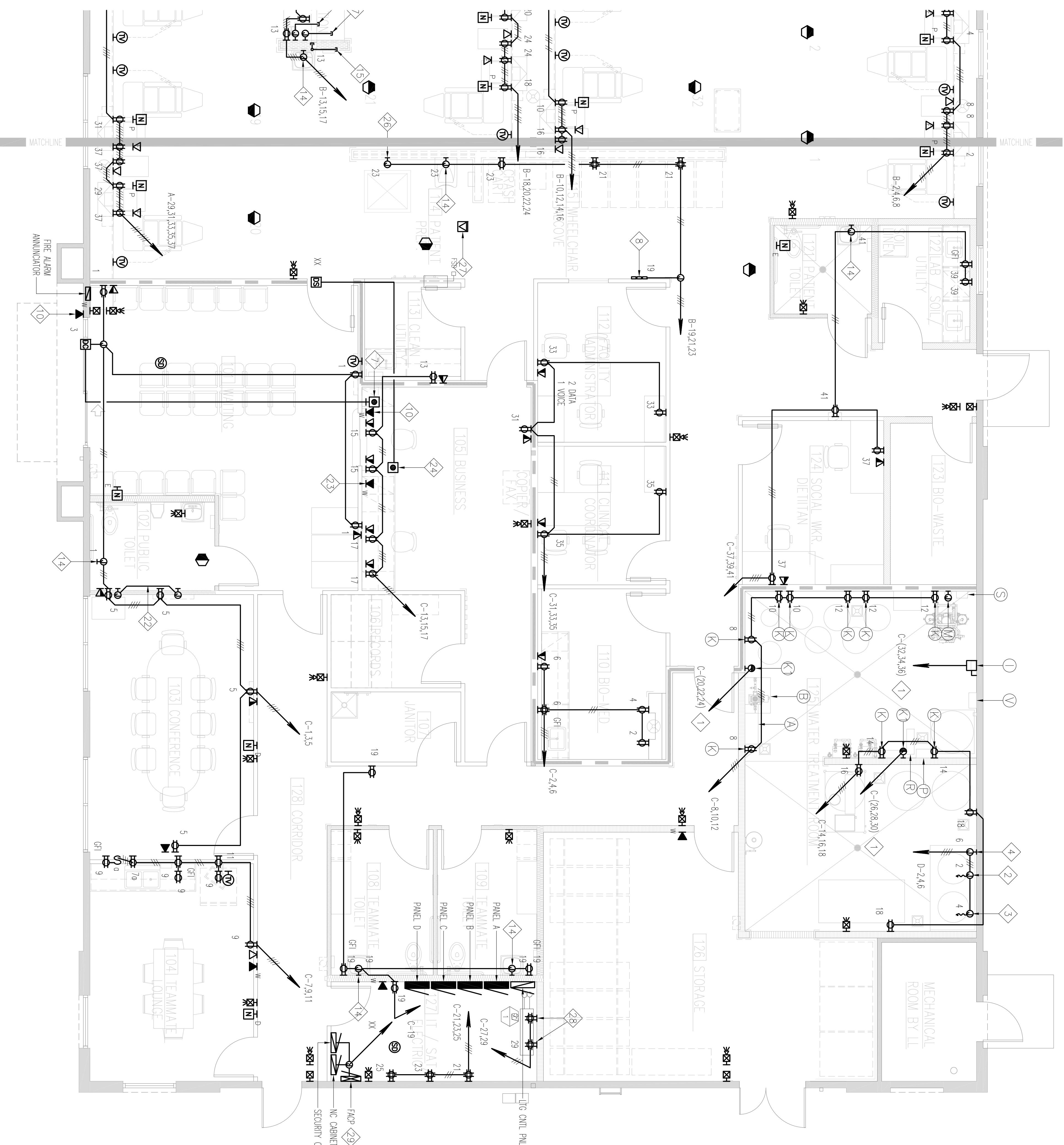
- 27 2/0 WITH PULLWIRE FOR AUDIO/VIDEO CABLE LINK FROM TV TO MOBILE CABIN.
- 28 STORAGE ROOM DOORBELL INTERCOM SYSTEM BY APPHONE.
- 29 PUSHBUTTON TO RELEASE DOOR STRIKE AND BUZZER MOUNT BELOW COUNTER.
- 30 DOOR STRIKE AND BUZZER PROVIDE STEP-DOWN TRANSFORMER AS REQUIRED.
- 31 LOCATE JUNCTION BOX IN FRONT OF SCALE ON PANEL HEIGHT WALL.
- 32 PROVIDE SINGLE-GANG GANGE PLATE (AND RING) ON CEILING FOR WH-9 CORONA/EXACT LOCATION WITH OWNER REPRESENTATIVE.
- 33 FOR TV EQUIPMENT VERIFY EXACT LOCATION WITH TV EQUIPMENT SUPPLIER.
- 34 EXACT LOCATION OF FIRE ALARM PANEL SHALL BE AS DIRECTED BY FIRE WASHAL DURING SHOP DRAWING REVIEW OR IN THE FIELD VERIFY WITH FIRE WASHAL FROM TO ANY RESOLUTION OF PANEL AND ASSOCIATED CONDUITS AND CABLES.
- 35 2/0 STUB OUT FOR FUTURE PANEL. HOOKUP TO MAIN SWITCHBOARD.
- 36 2/0 STUB OUT FOR FUTURE TELEPHONE CABLES. HOOKUP TO TEL. CABINET.

**POWER PLAN**

<i>Drawing Title</i>	
<b>POWER PLAN</b>	
<i>Job Number</i> 111308	
<i>CADD Path</i> 100/	
<i>Drawn By</i> LJM / AM	
<i>Checked By</i> DRK	
<i>Sheet Number</i>	
<b>E3.1</b>	
<i>Submitted/Revision</i>	<i>Date</i> <i>By</i>
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Building Permit Submittal





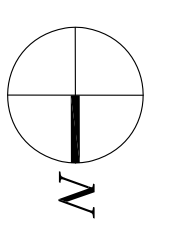
- ### GENERAL NOTES
- SEE INTERIOR ELEVATIONS ON SHEET E&I THRU 4&5 FOR LOCATIONS AND MOUNTING HEIGHTS OF SWITCHES, RECEPTACLES AND OTHER WIRING DEVICES.
  - VERIFY EXACT LOCATION OF SECURITY SYSTEM CABINET AND DEVICES WITH SECURITY SYSTEM CONTRACTOR.
  - VERIFY EXACT LOCATION OF RECEPTACLES AND CONTROL DEVICES WITH RO SYSTEM CONTRACTOR. SET SPECIFICATIONS FOR FIRE ALARM SYSTEM AND NISSEI CALL REQUIREMENTS.

- ### RO EQUIPMENT NOTES
- ALL ELECTRICAL OUTLETS SWITCHED OUTLETS, SAFETY DISCONNECTS AND JUNCTION BOXES SHALL BE SUPPLIED AND INSTALLED BY CONTRACTOR. INSTALL ALL EQUIPMENT 6'-6" ABOVE FINISHED FLOOR.
  - ELECTRICAL OUTLETS SHOWN ARE REQUIRED FOR THE WATER TREATMENT SYSTEM ONLY.
  - TERMINATE THE CONDUIT AND WIRES FOR THE RO REDUCE MONITOR IN THE JUNCTION BOX (IF IN W.I.). THE JUNCTION BOX SHOULD BE LOCATED 2' BELOW THE CEILING AND WITHIN 5' OF THE RO UNIT.

- ### RO EQUIP LEGEND
- A TEMPERATURE BLEND VALVE
  - B FEED WATER BOOSTER PUMP; 208/230VAC, 1PH, 60HZ, 1.5HP
  - D MULTI-MEDIA FILTER; 6 CUFT
  - D1 CARBON FILTERS; 1 M3RON
  - E CARBON FILTER; 10 CUFT
  - F WATER SYSTEMER; 120K
  - G BRINE TANK
  - H FR-4 RO UNIT; 1.33 GPM; 208-230VAC, 3PH, 60HZ, 2HP
  - I SAFETY DISCONNECT; 208-230VAC, 3PH, 60HZ, 2HP
  - J STORAGE TANK; 250 GAL
  - K ELECTRICAL OUTLET; DUPLEX; 120VAC, 1PH, 60HZ, 20AMP
  - K1 TWIN-LOCK; HIBBELT 2721; 208-230V, 3PH, 60HZ, 2HP
  - M JUNCTION BOX (SEE ELECTRICAL NOTE 3)
  - N 0.05 M3RON FILTER
  - P PUMP CONTROLLER; 208/230VAC, 1PH, 60HZ, 1-1/2HP (SEE ELECTRICAL NOTE 4)
  - Q FLOOR SINK
  - R DISTRIBUTION PUMP; 208/230VAC, 3PH, 60HZ, 2HP
  - S FLOOR DRAIN CONTROLLER; 24 VAC, 1PH, 60HZ, 4AMP (SEE ELECTRICAL NOTE 4)
  - T LV LAMP
  - W RESISTIVITY/CONDUCTIVITY MONITOR
  - X BLENDED FEED WATER
  - Y LOOP SUPPLY
  - Z LOOP RETURN

- ### SHEET NOTES
- 1"=3/16"; 1/8"=10"
  - CONNECT TO WH-1 CONTROLS (120V)
  - CONNECT TO WH-2 CONTROLS (120V)
  - CONNECT TO 0P (115V, 115V, 1A)
  - CONNECT TO 0P-1 ON ROOF.
  - CONNECT TO FC-1.
  - CONNECT TO FC-1 ON ROOF. COORDINATE WIRING REQUIREMENT WITH MECH CONTRACTOR.
  - MISCELLANEOUS ALARM PANELS, PROVIDED BY OTHERS, PROVIDE 120VAC POWER SUPPLY ONLY.
  - ON THE RECEPTACLE.
  - ATYPICAL. SEE ARCHITECTURAL INTERIOR ELEVATIONS FOR REQUIREMENT.
  - INTERCONNECT SMOKE DETECTOR AUXILIARY RELAY WITH FIRE SMOKE DAMPER.
  - RECEPTACLES ON DEDICATED CIRCUIT SHALL HAVE GRN BODY AND COVER.
  - DUPLEX DATA OUTLET PROVIDE BLANK RATE COVER.
  - CONNECT TO AUTOMATIC SENSOR (OR THERMISTORS AND COIL SIGNAL INSIDE OUTLET BOX FOR FUTURE SENSOR. PROVIDE BLANK PLATE COVER).
  - 2" FC FOR VOICE/DATA CABLES. STUB OUT ABOVE CEILING FROM WIRE CHASE. PROVIDE PULLWIRE.
  - 2" FC FOR SECURITY CAMERA, MONITOR, INTERCOM, LOCK RELEASE AND DOOR BELL CABLES. STUB OUT ABOVE CEILING FROM WIRE CHASE. PROVIDE PULLWIRE.
  - 2" FC FOR APPROX WITH VIDEO MONITOR CABLES. STUB OUT ABOVE CEILING FROM WIRE CHASE. PROVIDE PULLWIRE.
  - 1" FC FOR NISSEI CALL CABLES. STUB OUT ABOVE CEILING FROM WIRE CHASE. PROVIDE PULLWIRE.
  - 1" FC FOR LOW VELOCITY ALARM AND HOT WATER ALARM CABLES. STUB OUT ABOVE CEILING FROM WIRE CHASE. PROVIDE PULLWIRE.
  - FOR EACH TV OUTLET, PROVIDE 1" C STUB OUT ABOVE CEILING. PROVIDE PULLWIRE.
  - 2" FC INTERCONNECT CONDUITS WITH PULLWIRE. PROVIDE OUTLET BOX AND COVER PLATE AT EACH TERMINATION. TYPICAL OF 3.
  - 2" FC WITH PULLWIRE FOR AUDIO/VIDEO CABLE LINK FROM TV TO WIRELESS CARI.
  - 2" FC WITH PULLWIRE FOR INTERCOM SYSTEM BY APPROVE.
  - STORAGE ROOM DOUBLEBELL INTERCOM SYSTEM BY APPROVE.
  - DISTRIBUTION TO RELEASE DOOR STRIKE AND BUZZER. MOUNT BELOW COUNTER.
  - DOOR STRIKE AND BUZZER. PROVIDE STRIP-DOWN TRANSFORMER AS REQUIRED.
  - LOCATE JUNCTION BOX IN FRONT OF SCALE ON PARALLEL HEIGHT WALL.
  - PROVIDE SINGLE-SWAG DEVICE PLATE (AND RING) ON CEILING FOR WH-1 COORDINATE EXACT LOCATION WITH OWNER REPRESENTATIVE.
  - FOR TV EQUIPMENT, VERIFY EXACT LOCATION WITH TV EQUIPMENT SUPPLIER.
  - EXACT LOCATION OF FIRE ALARM PANEL SHALL BE AS DIRECTED BY FIRE MARSHAL DURING SHOP DRAWING REVIEW OR IN THE FIELD. VERIFY WITH FIRE MARSHAL PRIOR TO ANY INSTALLATION OF PANEL AND ASSOCIATED CONDUITS AND CABLES.

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



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**Davita**  
 DIALYSIS TENANT IMPROVEMENTS  
 FOR  
**DAVITA, INC.**  
 405 Power Parkway  
 Delano, California

ASSISTED DESIGN, P.E.  
 CONSULTING ENGINEER  
 1114107  
 1114107

Submitted	Description	Date	By
-	PERMIT SUBMITTAL	12/14/2011	UM

Job Number	111308	Sheet Number
CADD Path	100/	E3.2
Drawn By	LUM / AM	
Checked By	DPK	

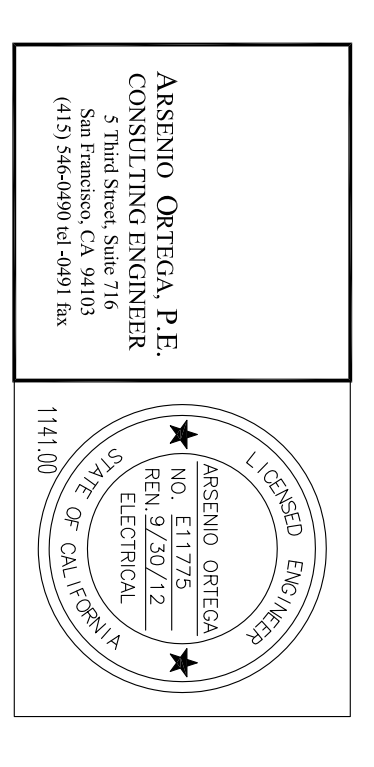
  

POWER PLAN

BUILDING PERMIT SUBMITTAL

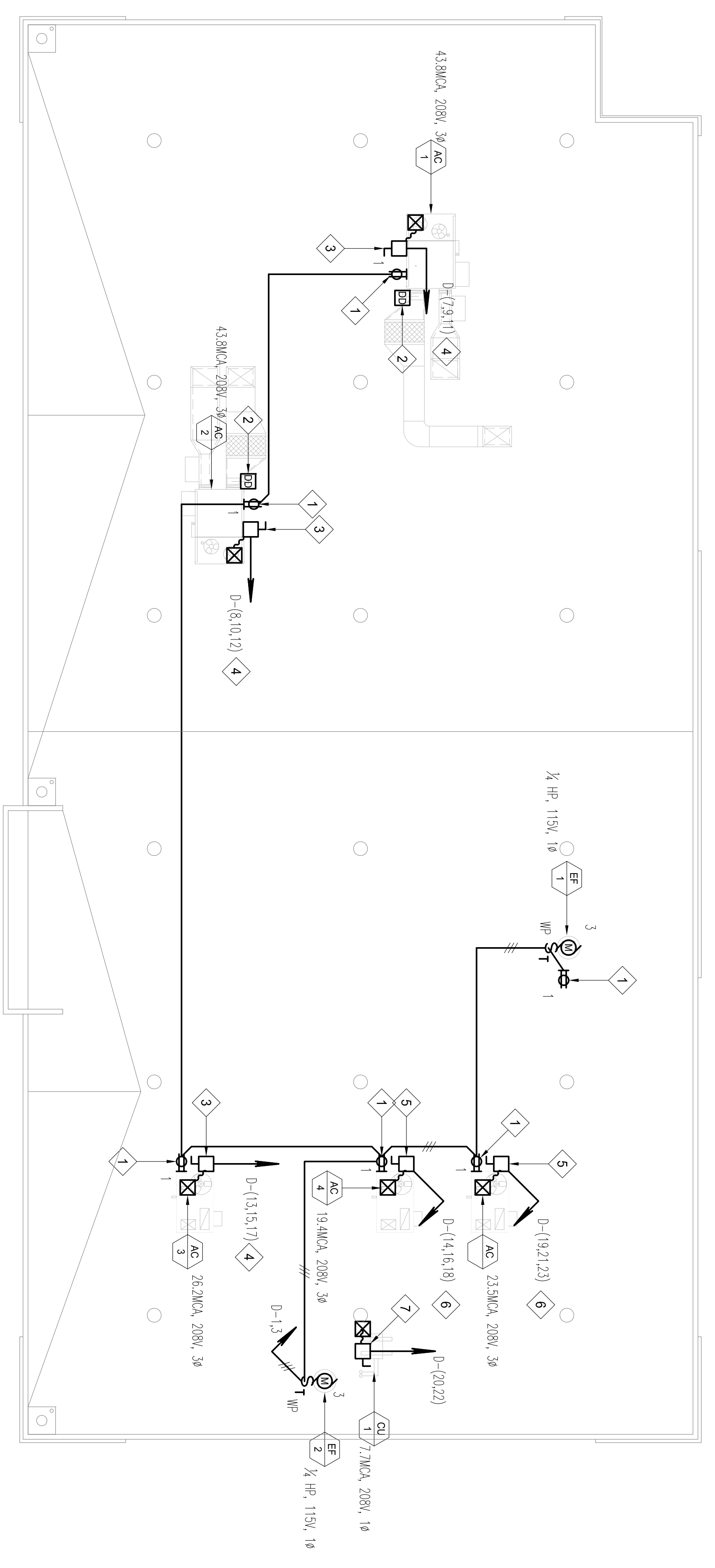
**Stephen E. Harriman A.I.A.**  
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 Walnut Creek, California 94596  
 Fax: 925-934-1160  
 Fax: 925-934-8132

**Davita**  
**FOR**  
**DAVITA, INC.**  
 405 Power Parkway  
 Delano, California



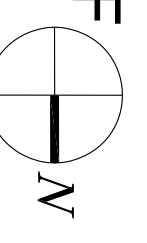
**SHEET NOTES**

- 1 NEW RECEPTACLE, GFI TYPE AND WEATHERPROOF.
- 2 INTERCONNECT SMOKE DETECTOR AUXILIARY RELAY WITH AC UNIT STARTER.
- 3 FUSED DISCONNECT SWITCH, 3P/3A, 240V, NEMA 3R, WITH FUSES AS RECOMMENDED BY EQUIPMENT MANUFACTURER.
- 4 1" C, 3/4" MWC, #18S
- 5 FUSED DISCONNECT SWITCH, 3P/3A, 240V, NEMA 3R, WITH FUSES AS RECOMMENDED BY EQUIPMENT MANUFACTURER.
- 6 1" C, 3/4" MWC, #10G
- 7 FUSED DISCONNECT SWITCH, 2P/2A, 240V, NEMA 3R, WITH FUSES AS RECOMMENDED BY EQUIPMENT MANUFACTURER.



**1 POWER & SIGNAL PLAN - ROOF**

SCALE: 1/8" = 1'-0"



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BUILDING PERMIT SUBMITTAL

Architect's Stamp

Sequential History No.	Description	Date	By
-	PERMIT SUBMITTAL	12/14/2011	UM

Drawing Title

**POWER & SIGNAL PLAN - ROOF**

Job Number	111328	Sheet Number	
CADD Path	DD/		
Drawn By	LJM / JM		
Checked By	DPK		
		<b>E3.3</b>	

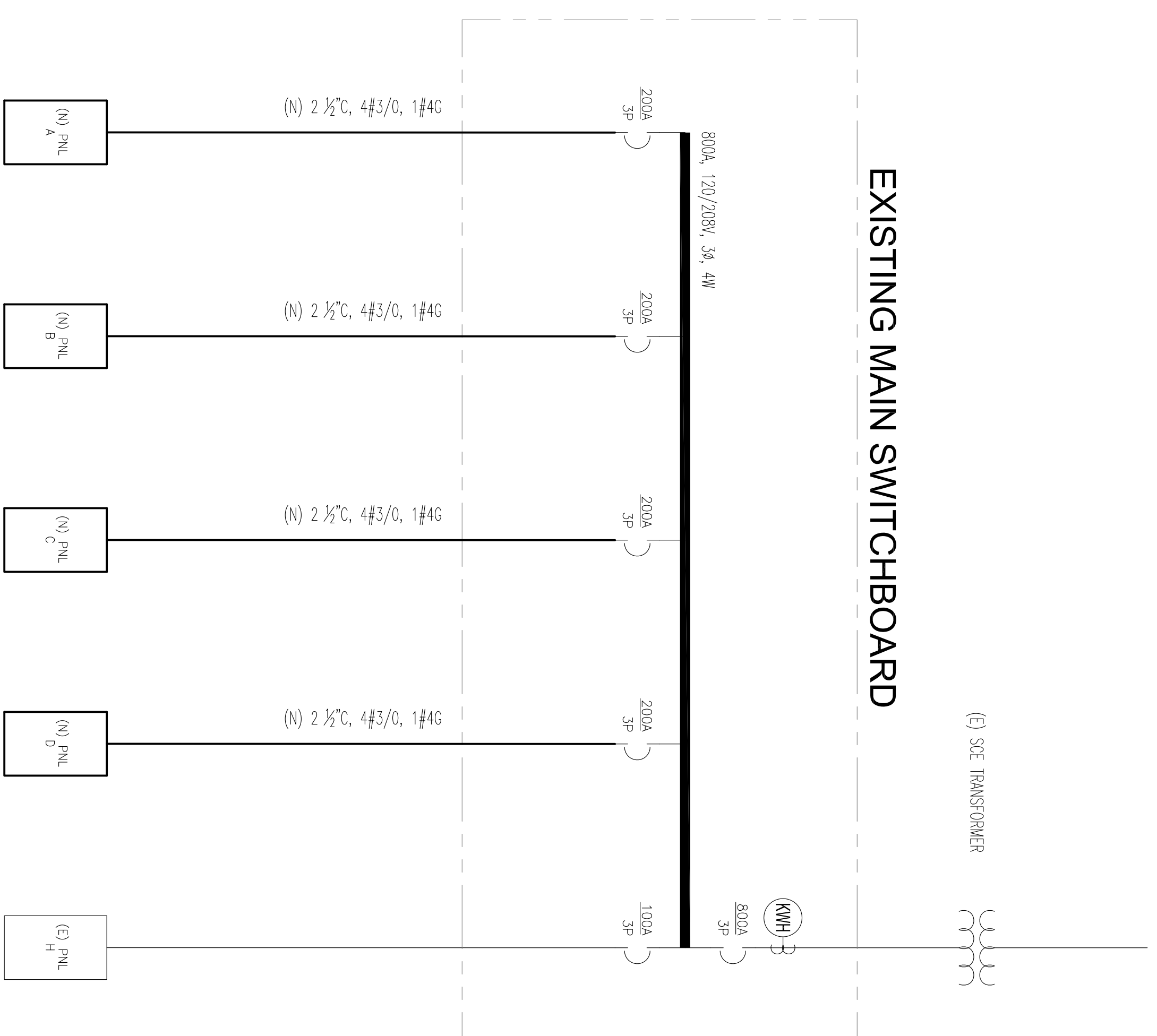
**SHEET NOTES**

1 XXX

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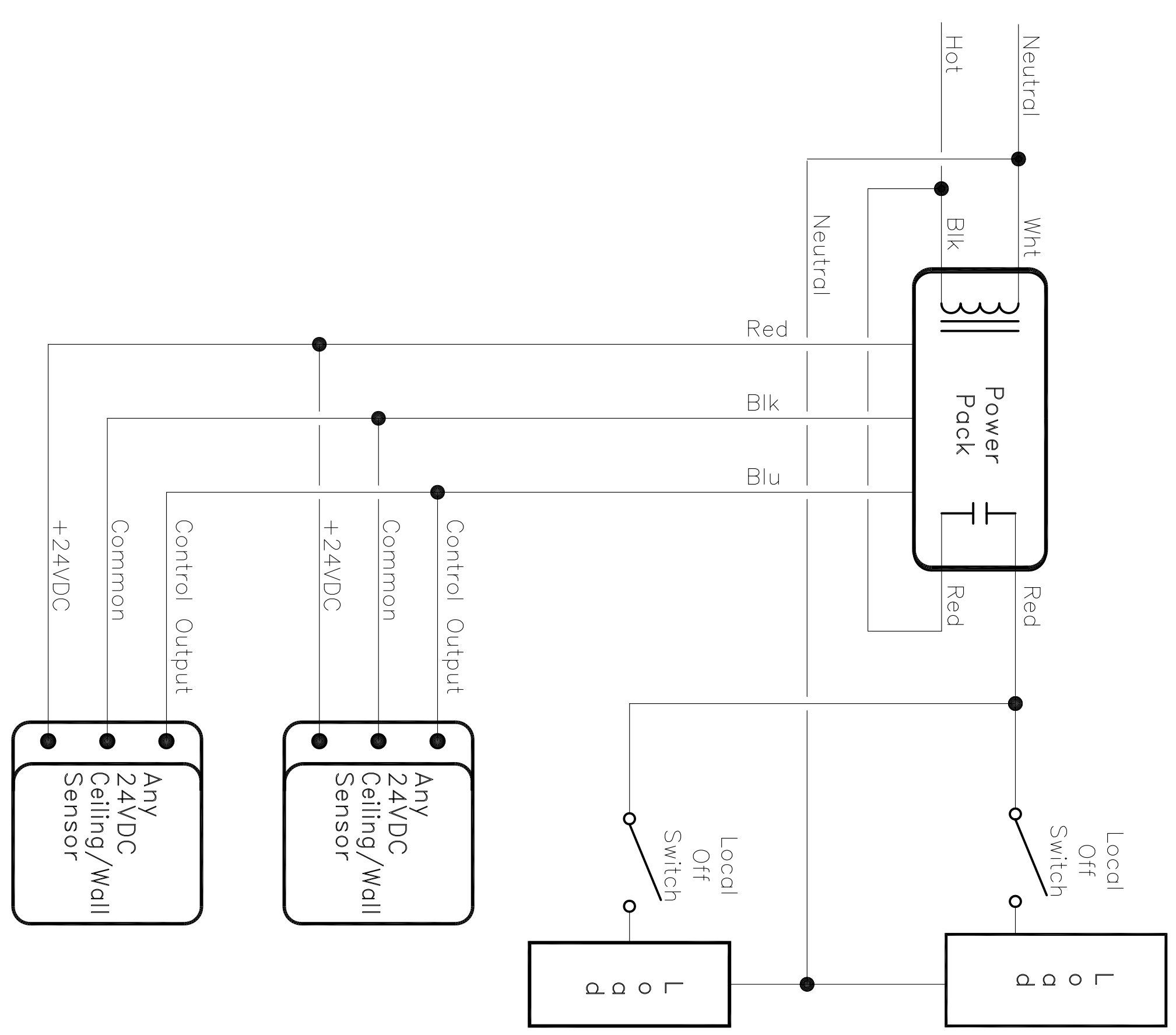
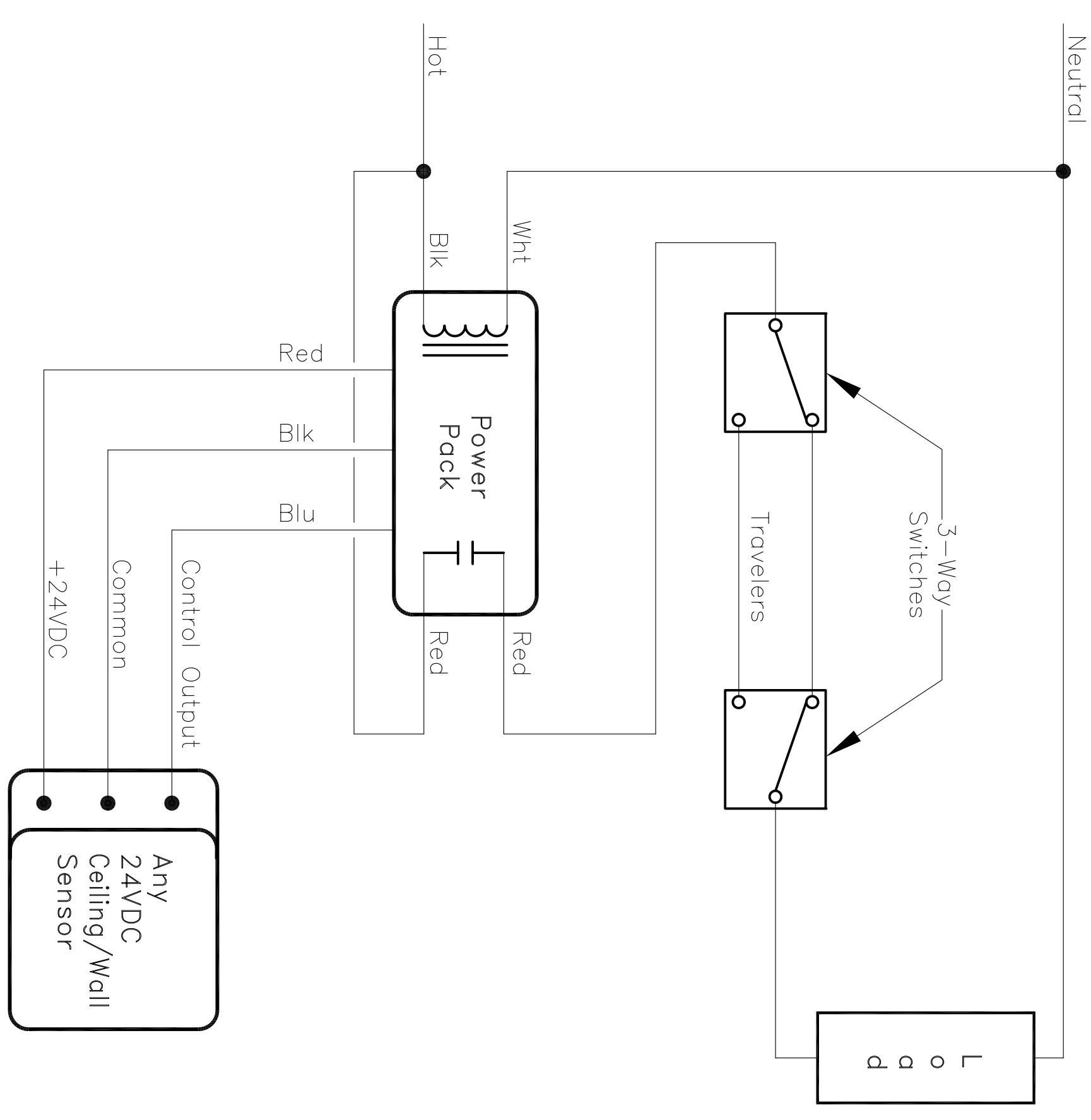
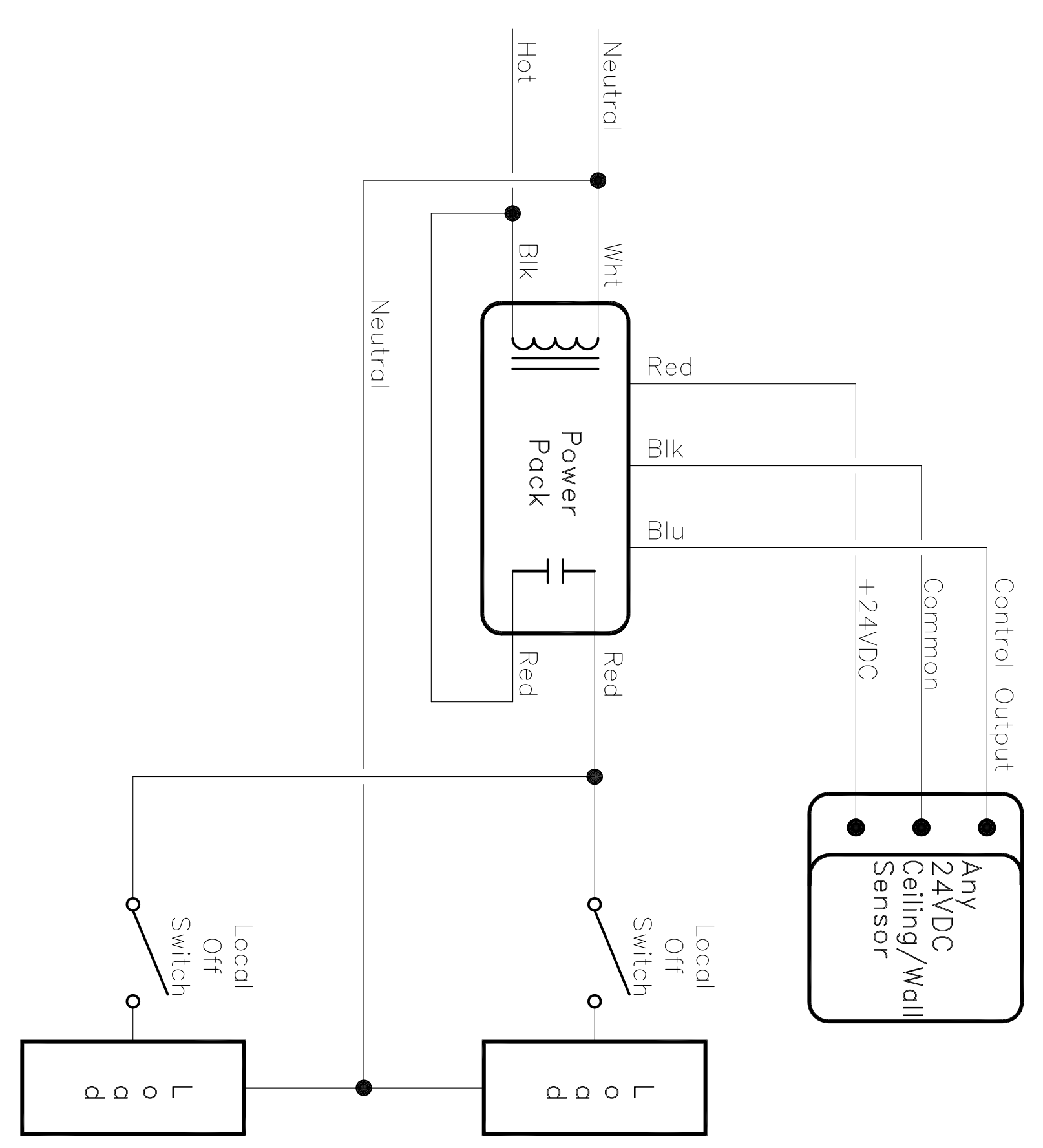
**Davita**  
 DIALYSIS TENANT IMPROVEMENTS  
 FOR  
**DAVITA, INC.**  
 405 Power Parkway  
 Delano, California

ASSIGNED OFFICIAL, P.E.  
 OSWALD ORTEGA, P.E.  
 LICENSED ELECTRICAL ENGINEER  
 No. 927072  
 State of California  
 114100



**1 SINGLE LINE DIAGRAM**

SCALE: No Scale



**DIAGRAMS**

Job Number: 111363  
 CAD: PNH, JDO/  
 Drawn By: LHM / AM  
 Checked By: DPK

Sheet Number:  
**E5.1**







### 5 SIGNS (CONT'D) REFER TO SECTION 11B3 OF THE 2001 CALIFORNIA BUILDING CODE

HEIGHT TO FINISH FLOOR BASELINE OF CHARACTER	HORIZONTAL VIEWING DISTANCE	MINIMUM CHARACTER HEIGHT
20 INCHES TO LESS THAN 30 INCHES	LESS THAN 12 FEET	5/8 INCH
30 INCHES TO LESS THAN 40 INCHES	12 FEET AND GREATER	5/8 INCH PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE 12 FEET
GREATER THAN 40 INCHES TO LESS THAN 60 INCHES	LESS THAN 60 FEET	2 INCHES
GREATER THAN 60 INCHES TO LESS THAN 80 INCHES	60 FEET AND GREATER	2 INCHES PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE 60 FEET
GREATER THAN 80 FEET	LESS THAN 21 FEET	3 INCHES
	21 FEET AND GREATER	3 INCHES PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE 21 FEET

11B3.3.3 BOLD, CAPS, AND ITALIC CHARACTERS AND SYMBOLS  
 WHEN BOLD, CAPS, AND ITALIC CHARACTERS AND SYMBOLS ARE REQUIRED OR WHEN PROPORTIONAL CHARACTERS ARE USED ON SIGN SIZES OTHER THAN THOSE SPECIFIED IN SECTION 11B3.3.1, THE CHARACTERS AND SYMBOLS SHALL BE BOLD, CAPS, AND ITALIC CHARACTERS AND SYMBOLS AS SPECIFIED IN SECTION 11B3.3.2.

11B3.3.4 CHARACTER SIZE  
 CHARACTERS ON SIGNS SHALL BE BOLD, CAPS, AND ITALIC CHARACTERS AND SYMBOLS AS SPECIFIED IN SECTION 11B3.3.3. THE CHARACTER SIZE SHALL BE A MINIMUM OF 6 INCHES (152 MM) IN HEIGHT.

11B3.3.5 PROPORTIONAL CHARACTERS AND SYMBOLS  
 PROPORTIONAL CHARACTERS AND SYMBOLS SHALL BE ACCOMPANIED BY THE ORIGINAL PROPORTIONAL CHARACTERS AND SYMBOLS AS SPECIFIED IN SECTION 11B3.3.3.

11B3.3.6 CHARACTERS ON SIGNS SHALL BE BOLD, CAPS, AND ITALIC CHARACTERS AND SYMBOLS AS SPECIFIED IN SECTION 11B3.3.3. THE CHARACTERS AND SYMBOLS SHALL BE PLACED ON THE SIGN SUCH THAT ALL CHARACTERS AND SYMBOLS ARE OF THE SAME SIZE AND SPACING. ALL CHARACTERS AND SYMBOLS SHALL BE PLACED TOGETHER BELOW ALL LINES OF TYPE SET.

11B3.3.7 BOLD, CAPS, AND ITALIC CHARACTERS AND SYMBOLS  
 WHEN BOLD, CAPS, AND ITALIC CHARACTERS AND SYMBOLS ARE REQUIRED OR WHEN PROPORTIONAL CHARACTERS ARE USED ON SIGN SIZES OTHER THAN THOSE SPECIFIED IN SECTION 11B3.3.1, THE CHARACTERS AND SYMBOLS SHALL BE BOLD, CAPS, AND ITALIC CHARACTERS AND SYMBOLS AS SPECIFIED IN SECTION 11B3.3.2.

11B3.3.8 CHARACTER SIZE  
 CHARACTERS ON SIGNS SHALL BE BOLD, CAPS, AND ITALIC CHARACTERS AND SYMBOLS AS SPECIFIED IN SECTION 11B3.3.3. THE CHARACTER SIZE SHALL BE A MINIMUM OF 6 INCHES (152 MM) IN HEIGHT.

11B3.3.9 PROPORTIONAL CHARACTERS AND SYMBOLS  
 PROPORTIONAL CHARACTERS AND SYMBOLS SHALL BE ACCOMPANIED BY THE ORIGINAL PROPORTIONAL CHARACTERS AND SYMBOLS AS SPECIFIED IN SECTION 11B3.3.3.

11B3.3.10 CHARACTERS ON SIGNS SHALL BE BOLD, CAPS, AND ITALIC CHARACTERS AND SYMBOLS AS SPECIFIED IN SECTION 11B3.3.3. THE CHARACTERS AND SYMBOLS SHALL BE PLACED ON THE SIGN SUCH THAT ALL CHARACTERS AND SYMBOLS ARE OF THE SAME SIZE AND SPACING. ALL CHARACTERS AND SYMBOLS SHALL BE PLACED TOGETHER BELOW ALL LINES OF TYPE SET.

### 6 CONTROLS AND OPERATING MECHANISMS REFER TO SECTION 11B4 OF THE 2001 CALIFORNIA BUILDING CODE

11B4.1 CONTROLS AND OPERATING MECHANISMS  
 GENERAL. CONTROLS AND OPERATING MECHANISMS IN ACCESSIBLE SPACES ALONG ACCESSIBLE ROUTES OR AS PART OF ACCESSIBLE ROUTES SHALL BE LOCATED AND OPERATED AS FOLLOWS:

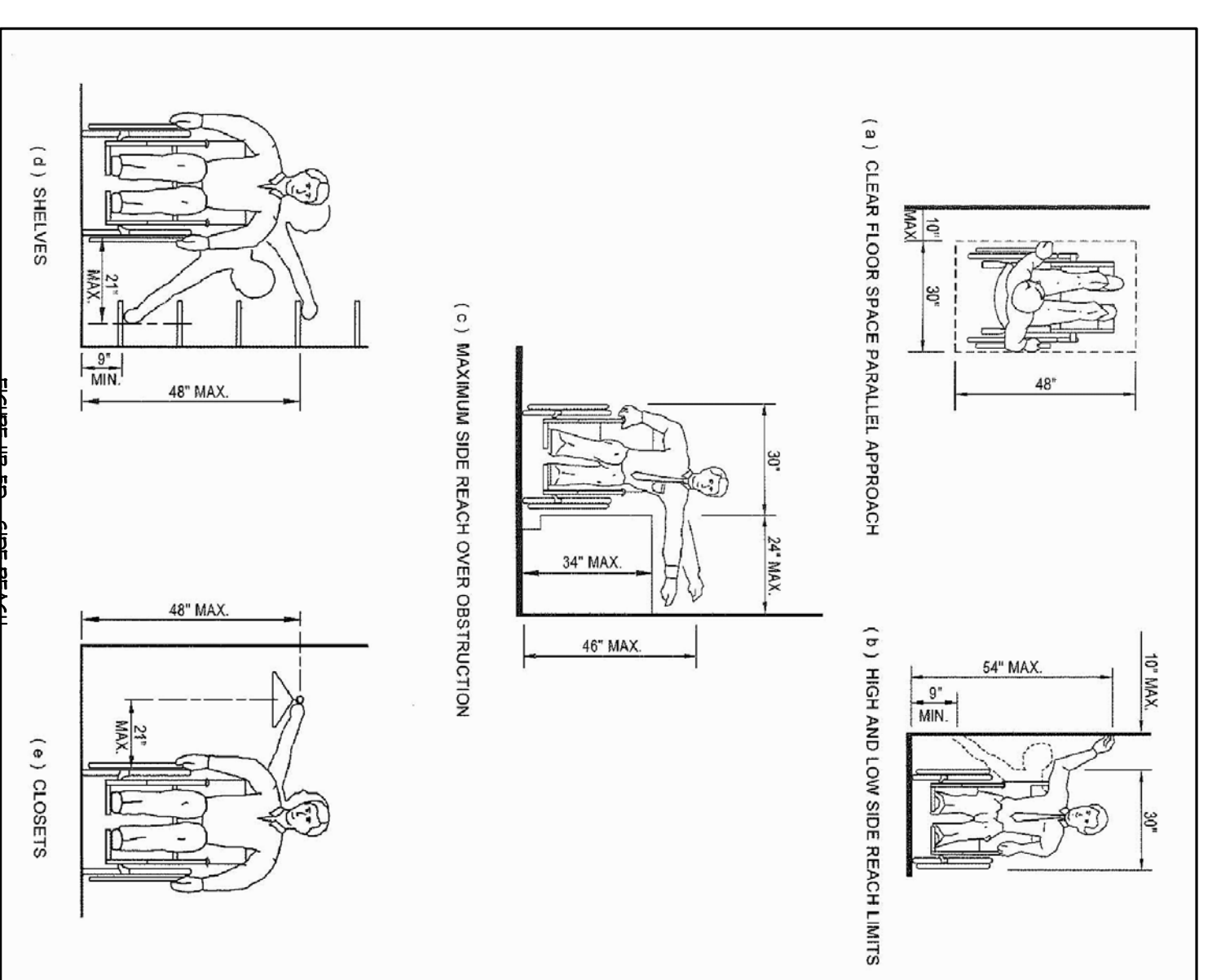
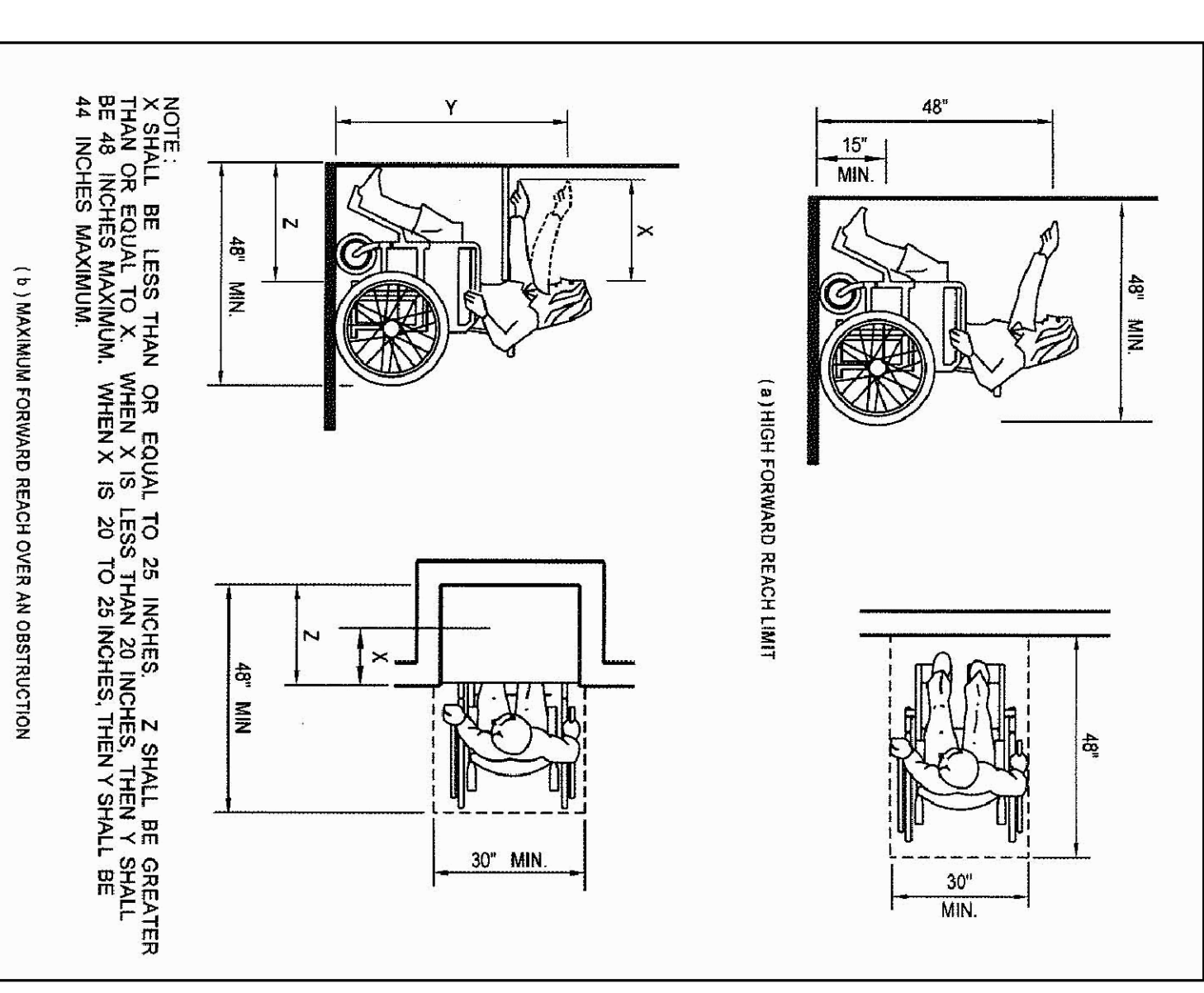
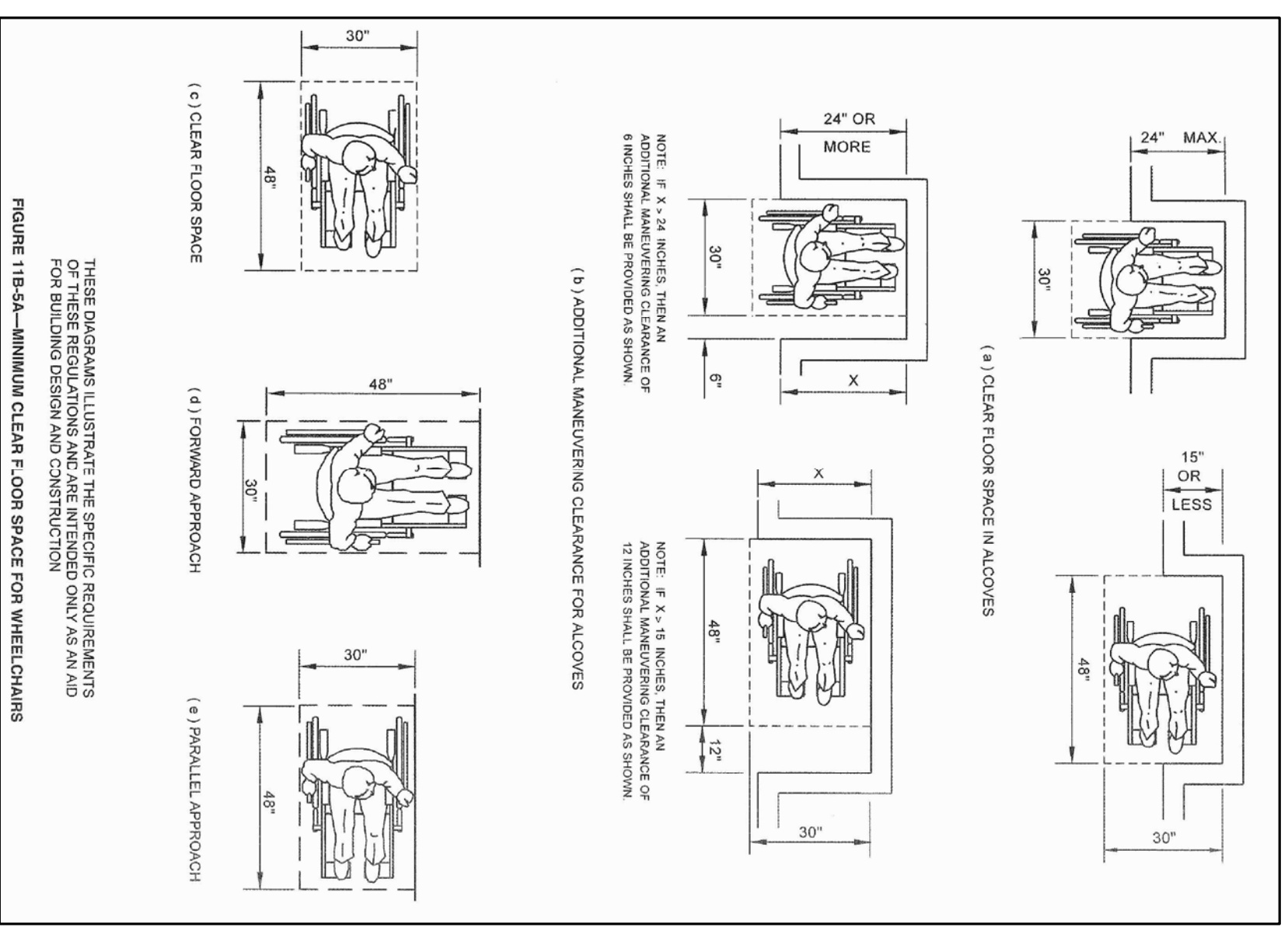
1. CONTROLS AND OPERATING MECHANISMS SHALL BE LOCATED AND OPERATED AS FOLLOWS:
2. CLEARANCE SPACE. CLEARANCE SPACE SHALL BE PROVIDED AS FOLLOWS:
3. REACH. REACHABLE RANGE FOR ALL CONTROLS, OPERATING MECHANISMS AND OTHER CONTROLS SHALL BE AS FOLLOWS:
4. OPERATING MECHANISMS. OPERATING MECHANISMS SHALL BE OPERATED BY ONE HAND AND SHALL NOT REQUIRE FORCE EXCEEDING 5 LBS (2.2 N) OF FORCE.
5. INSTALLATION HEIGHTS OF ELECTRICAL SWITCHES AND RECEPTACLE OUTLETS

### 7 SPACE ALLOWANCE AND REACH RANGES REFER TO SECTION 11B4 OF THE 2001 CALIFORNIA BUILDING CODE

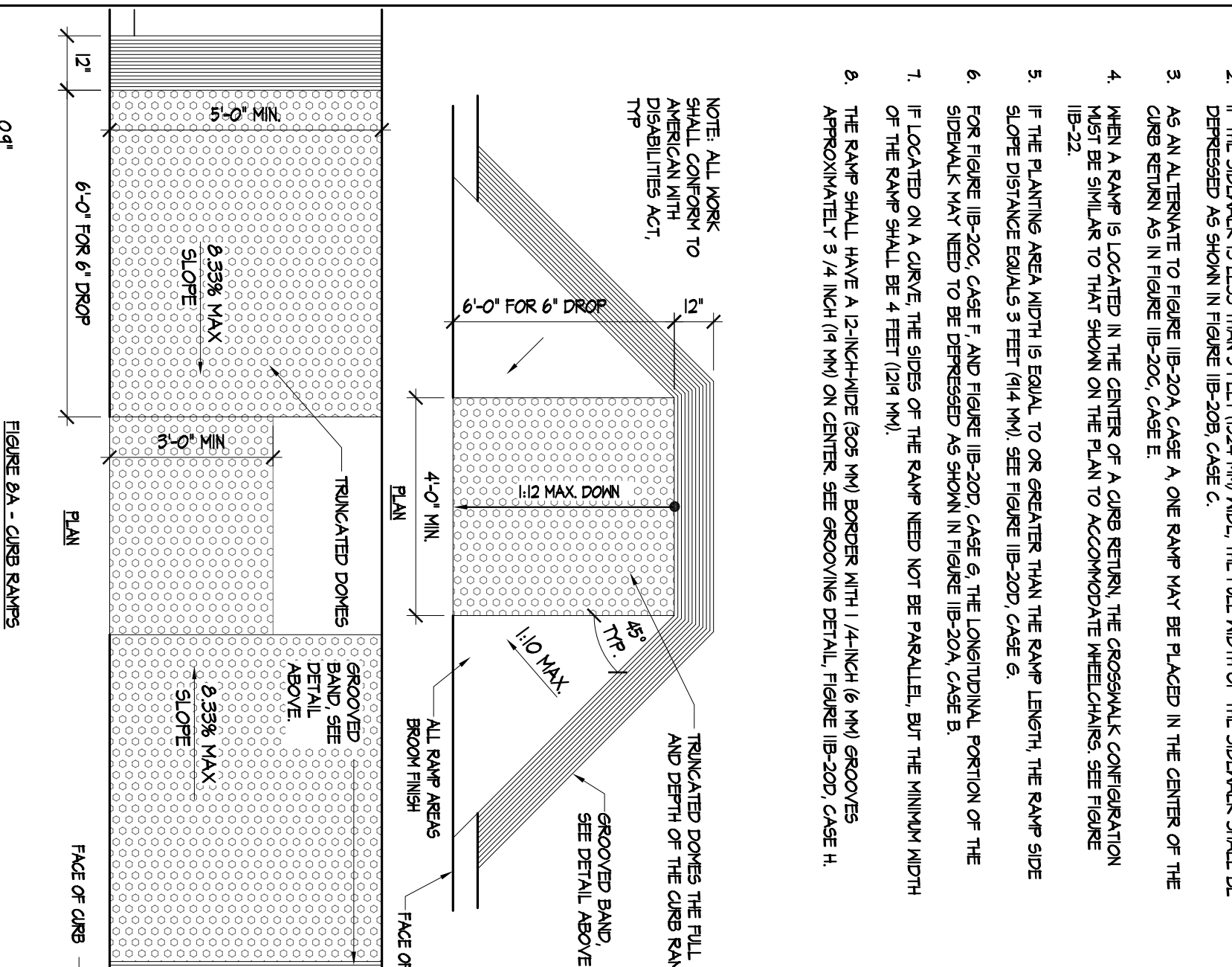
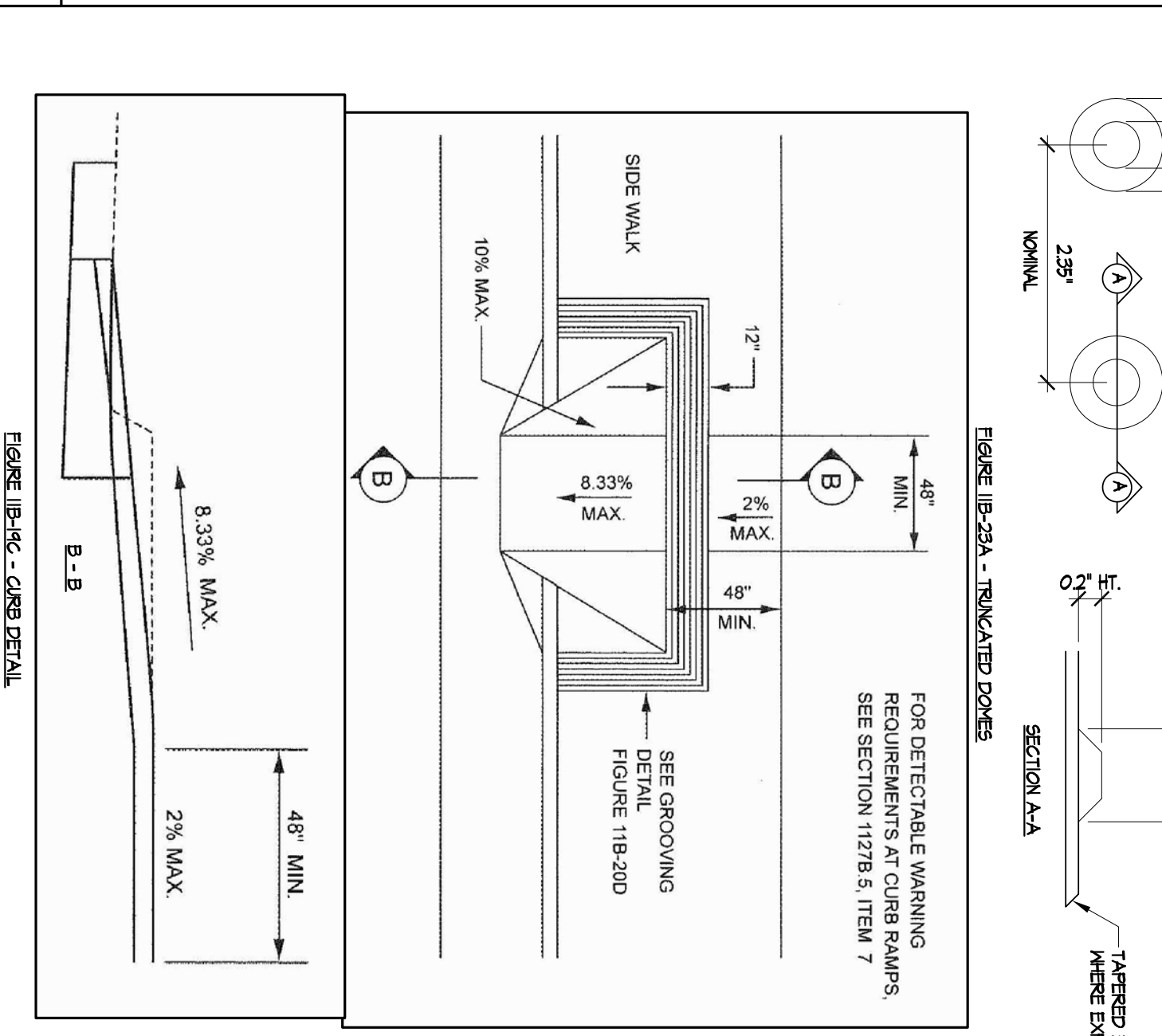
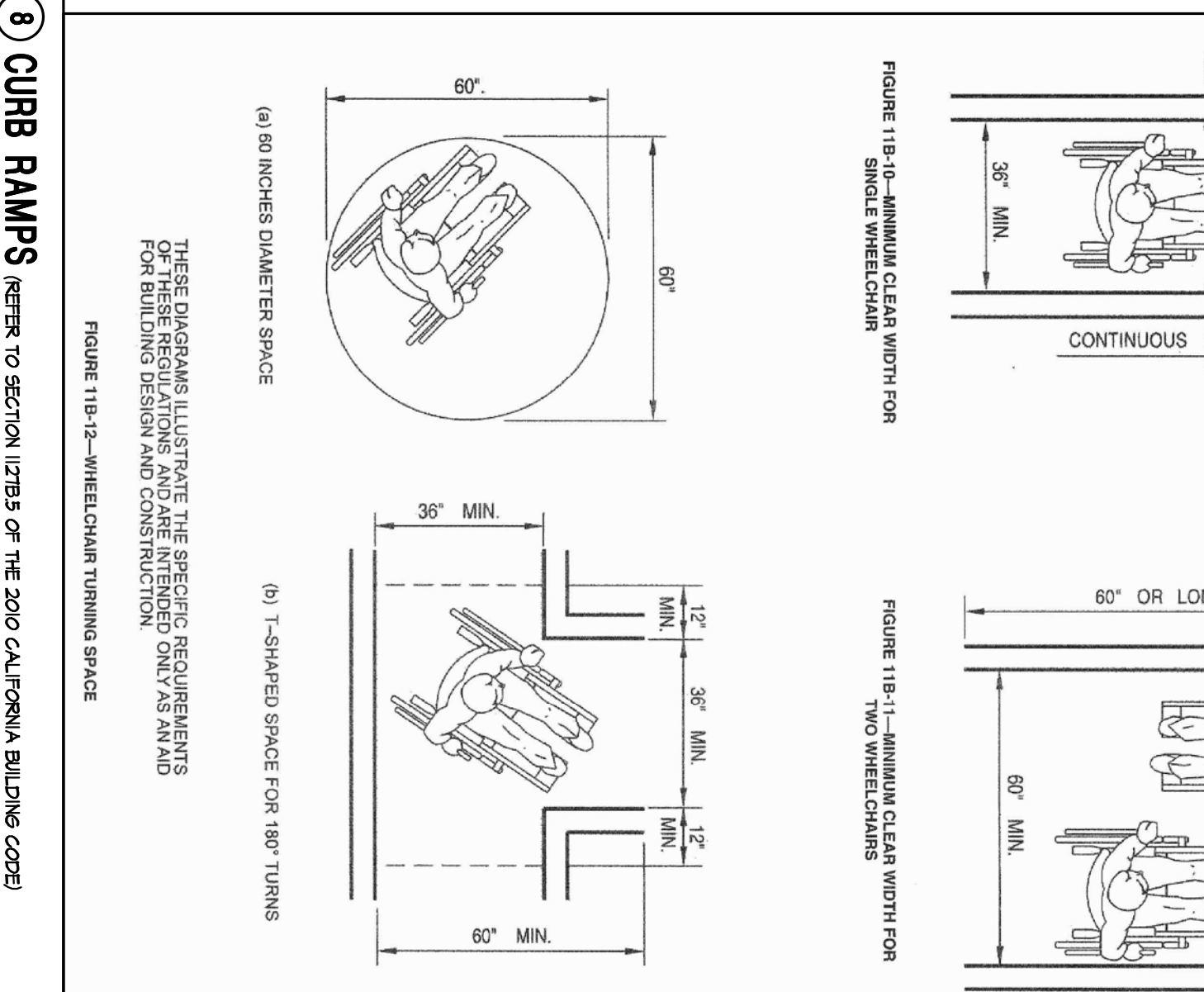
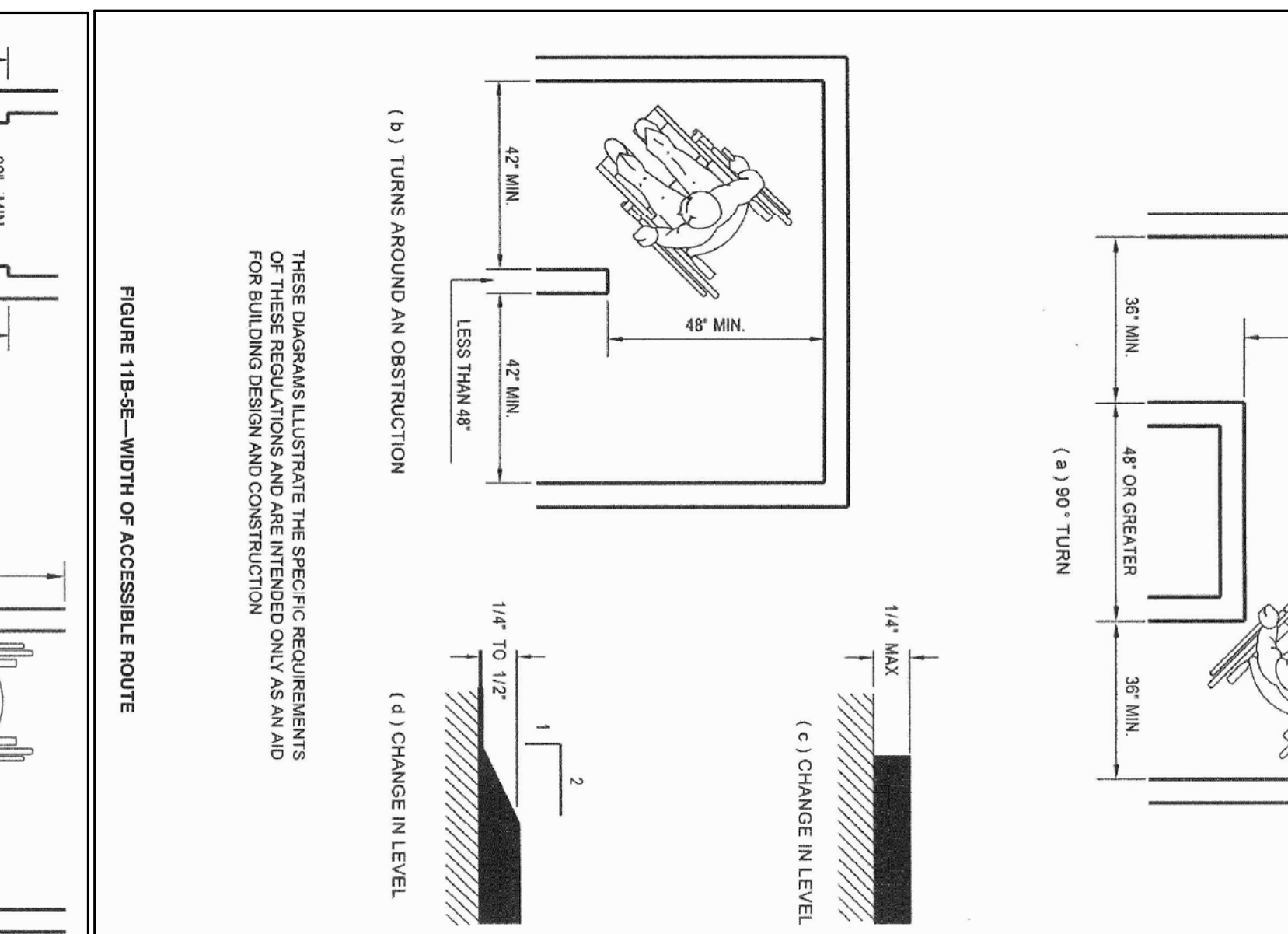
11B4.1.1 CLEARANCE SPACE  
 CLEARANCE SPACE SHALL BE PROVIDED AS FOLLOWS:

1. CLEARANCE SPACE. CLEARANCE SPACE SHALL BE PROVIDED AS FOLLOWS:
2. REACHABLE RANGE FOR ALL CONTROLS, OPERATING MECHANISMS AND OTHER CONTROLS SHALL BE AS FOLLOWS:
3. REACHABLE RANGE FOR ALL CONTROLS, OPERATING MECHANISMS AND OTHER CONTROLS SHALL BE AS FOLLOWS:
4. OPERATING MECHANISMS. OPERATING MECHANISMS SHALL BE OPERATED BY ONE HAND AND SHALL NOT REQUIRE FORCE EXCEEDING 5 LBS (2.2 N) OF FORCE.
5. INSTALLATION HEIGHTS OF ELECTRICAL SWITCHES AND RECEPTACLE OUTLETS

11B4.1.2 CLEARANCE SPACE  
 CLEARANCE SPACE SHALL BE PROVIDED AS FOLLOWS:



11B4.1.3 CLEARANCE SPACE  
 CLEARANCE SPACE SHALL BE PROVIDED AS FOLLOWS:

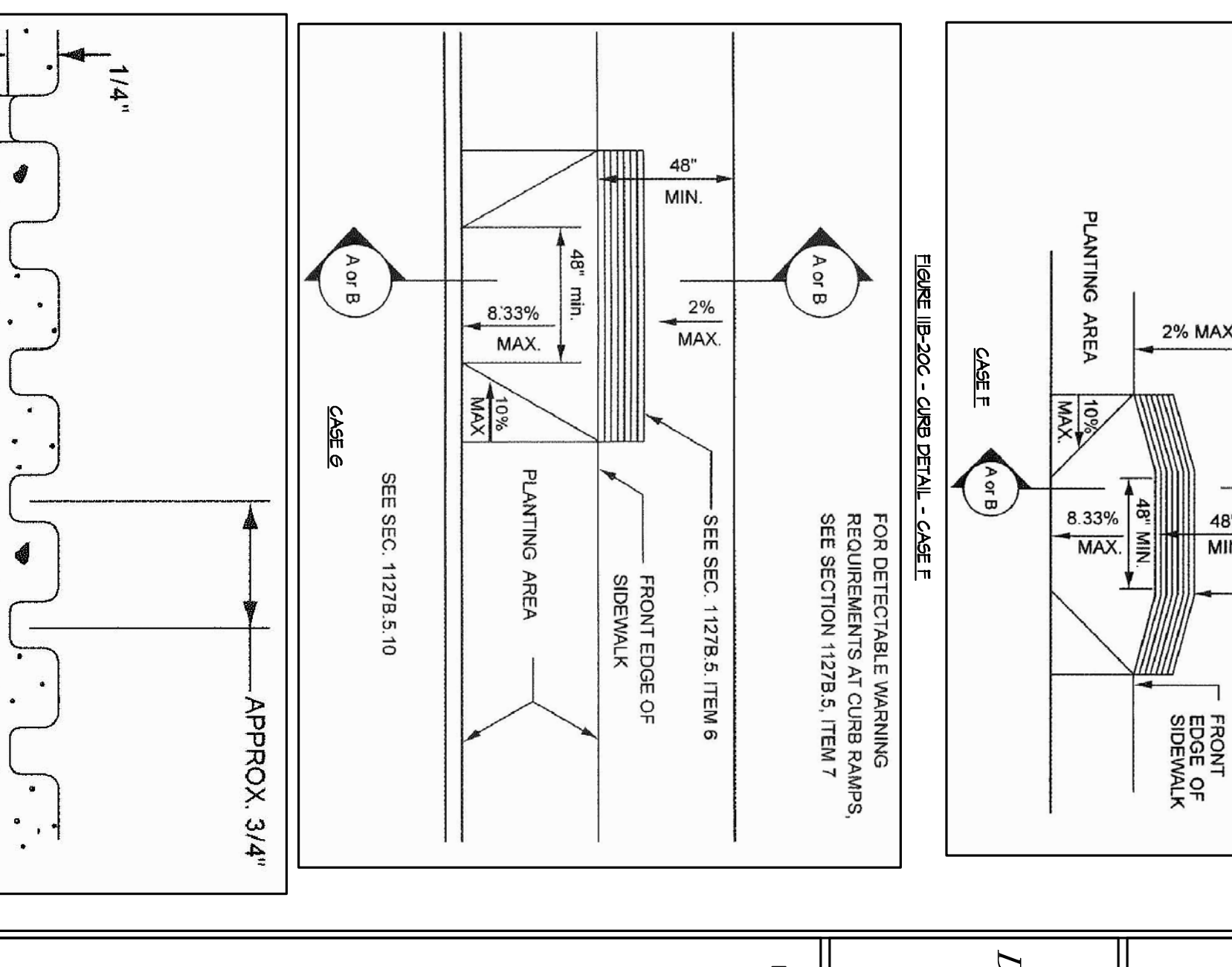
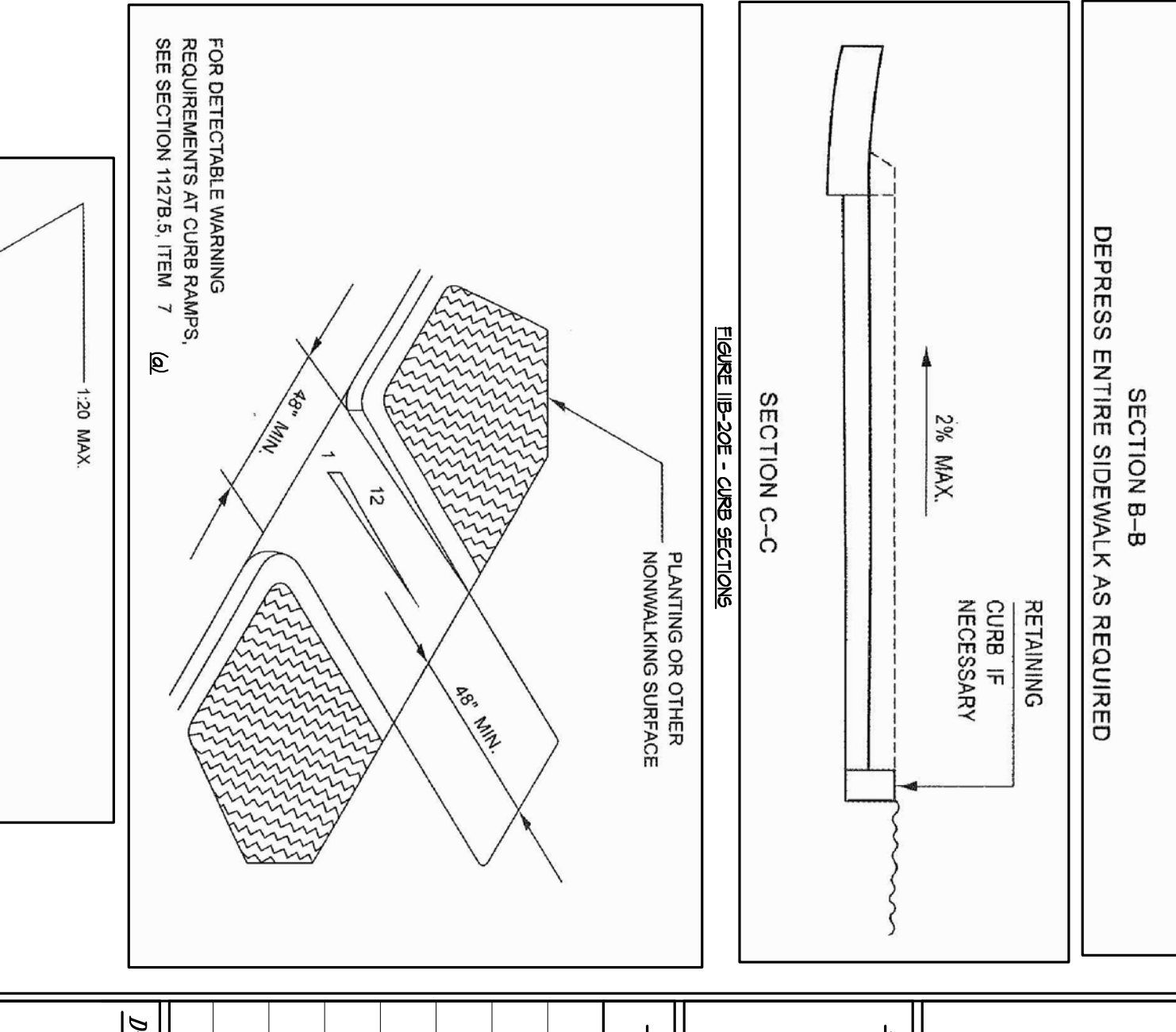


11B4.1.4 CLEARANCE SPACE  
 CLEARANCE SPACE SHALL BE PROVIDED AS FOLLOWS:

1. CLEARANCE SPACE. CLEARANCE SPACE SHALL BE PROVIDED AS FOLLOWS:
2. REACHABLE RANGE FOR ALL CONTROLS, OPERATING MECHANISMS AND OTHER CONTROLS SHALL BE AS FOLLOWS:
3. REACHABLE RANGE FOR ALL CONTROLS, OPERATING MECHANISMS AND OTHER CONTROLS SHALL BE AS FOLLOWS:
4. OPERATING MECHANISMS. OPERATING MECHANISMS SHALL BE OPERATED BY ONE HAND AND SHALL NOT REQUIRE FORCE EXCEEDING 5 LBS (2.2 N) OF FORCE.
5. INSTALLATION HEIGHTS OF ELECTRICAL SWITCHES AND RECEPTACLE OUTLETS

11B4.1.5 CLEARANCE SPACE  
 CLEARANCE SPACE SHALL BE PROVIDED AS FOLLOWS:

1. CLEARANCE SPACE. CLEARANCE SPACE SHALL BE PROVIDED AS FOLLOWS:
2. REACHABLE RANGE FOR ALL CONTROLS, OPERATING MECHANISMS AND OTHER CONTROLS SHALL BE AS FOLLOWS:
3. REACHABLE RANGE FOR ALL CONTROLS, OPERATING MECHANISMS AND OTHER CONTROLS SHALL BE AS FOLLOWS:
4. OPERATING MECHANISMS. OPERATING MECHANISMS SHALL BE OPERATED BY ONE HAND AND SHALL NOT REQUIRE FORCE EXCEEDING 5 LBS (2.2 N) OF FORCE.
5. INSTALLATION HEIGHTS OF ELECTRICAL SWITCHES AND RECEPTACLE OUTLETS



**Architect's Stamp**

Signature	Description	Date	By
-	PERMIT SUBMITTAL	12/4/2011	JM

**Job Number** 110209

**CADD Path** DD/

**Drawn By** JM / JH

**Checked By** PKK

**Sheet Number**

**ADA DETAILS**

**A-0.3**

Stephen E. Harrison A.I.A. Architecture & Interior Design

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**Davita**  
 FOR  
 DIALYSIS TENANT IMPROVEMENTS

405 Power Parkway  
 Dana Point, California

ALL DRAWINGS OF THIS SHEET LISTED IN THE PROJECT REQUIREMENTS AS AN AND FOR BUILDING DESIGN AND CONSTRUCTION PER THE 2007 CALIFORNIA BUILDING CODE.

9) PARKING REFER TO SECTION 1089 OF THE 2009 CALIFORNIA BUILDING CODE

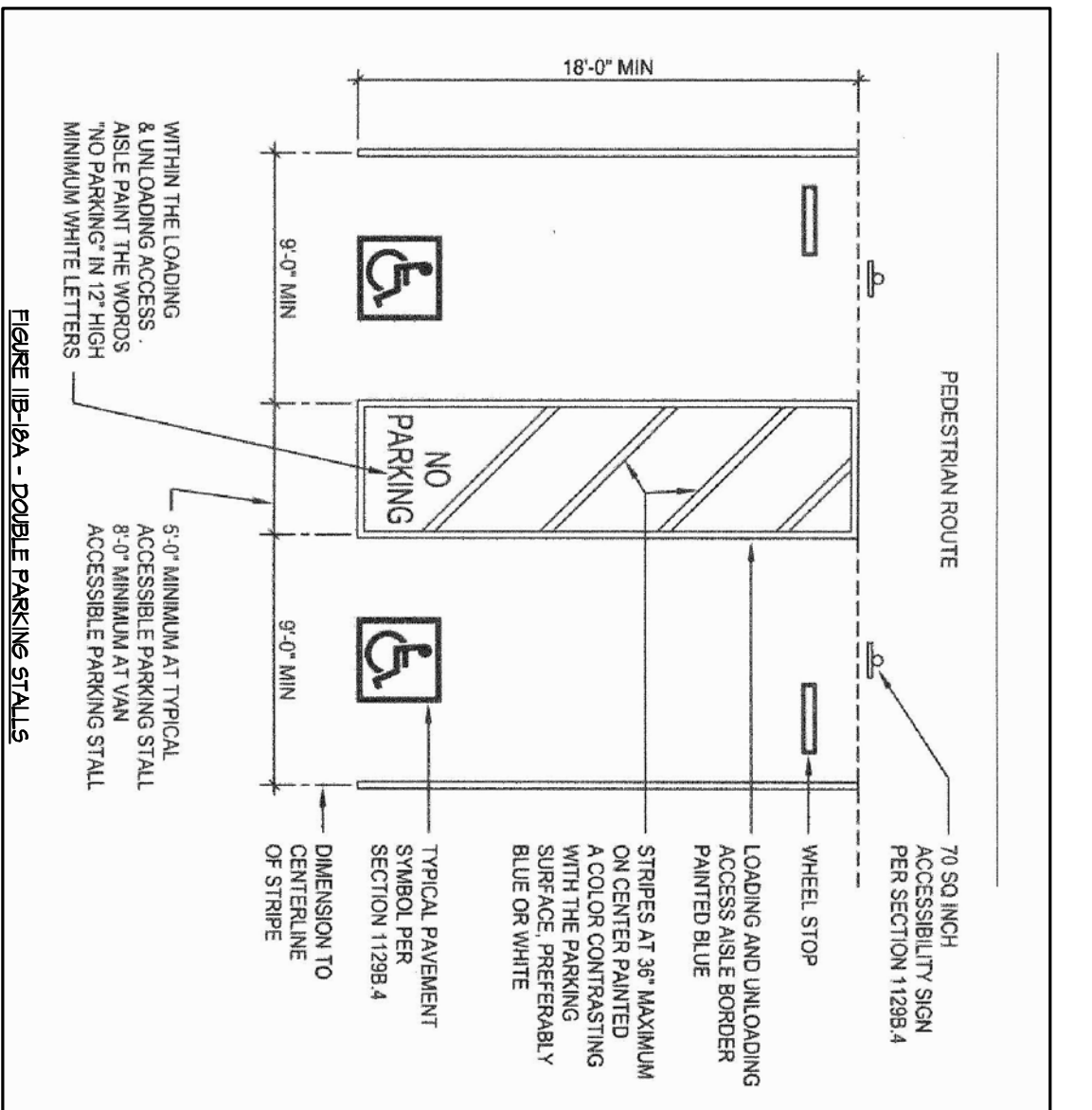
UNLESS OTHERWISE SPECIFIED, THESE SPACES ARE PROVIDED FOR THE PUBLIC AS DEFINED... ACCESSIBLE PARKING SPACES SHALL BE LOCATED AS NEAR AS PRACTICAL TO A PARKING ENTRANCE AND SHALL BE...

TABLE 108-4 - SPACES REQUIRED. Table with 3 columns: TOTAL NUMBER OF PARKING SPACES, NUMBER OF ACCESSIBLE SPACES, and NUMBER OF SPACES REQUIRED.

ACCESSIBLE PARKING SPACES SHALL BE LOCATED AS NEAR AS PRACTICAL TO A PARKING ENTRANCE AND SHALL BE AS FOLLOWS:

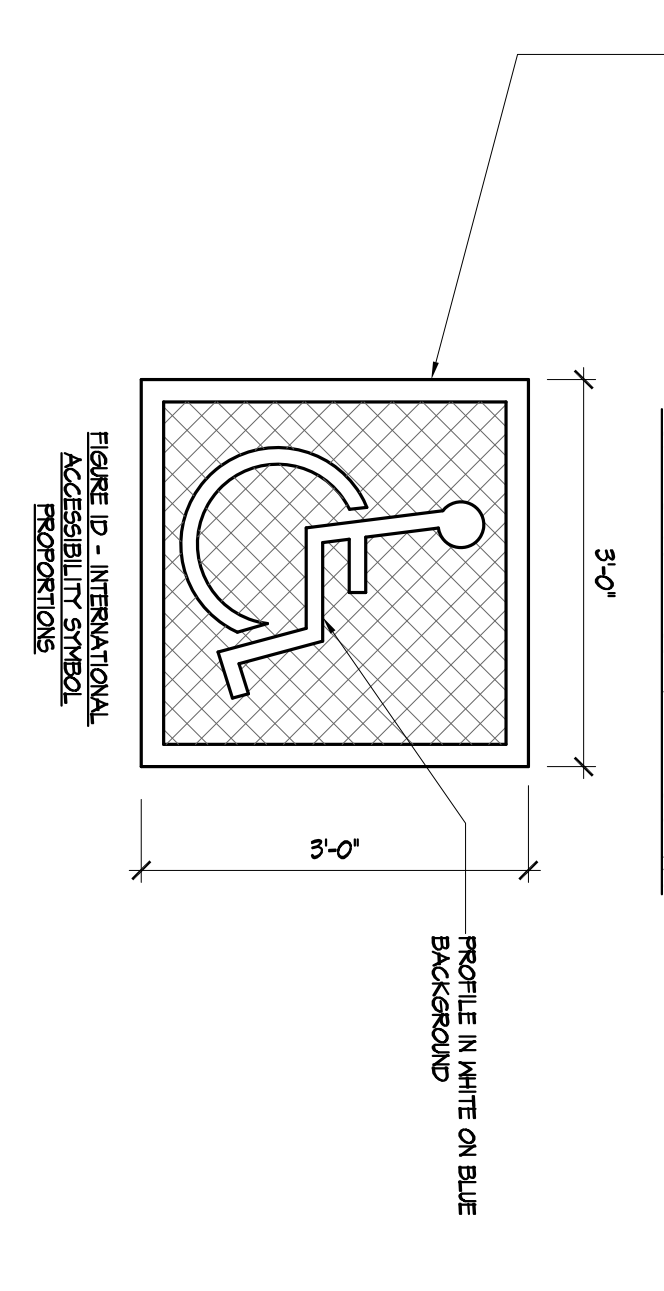
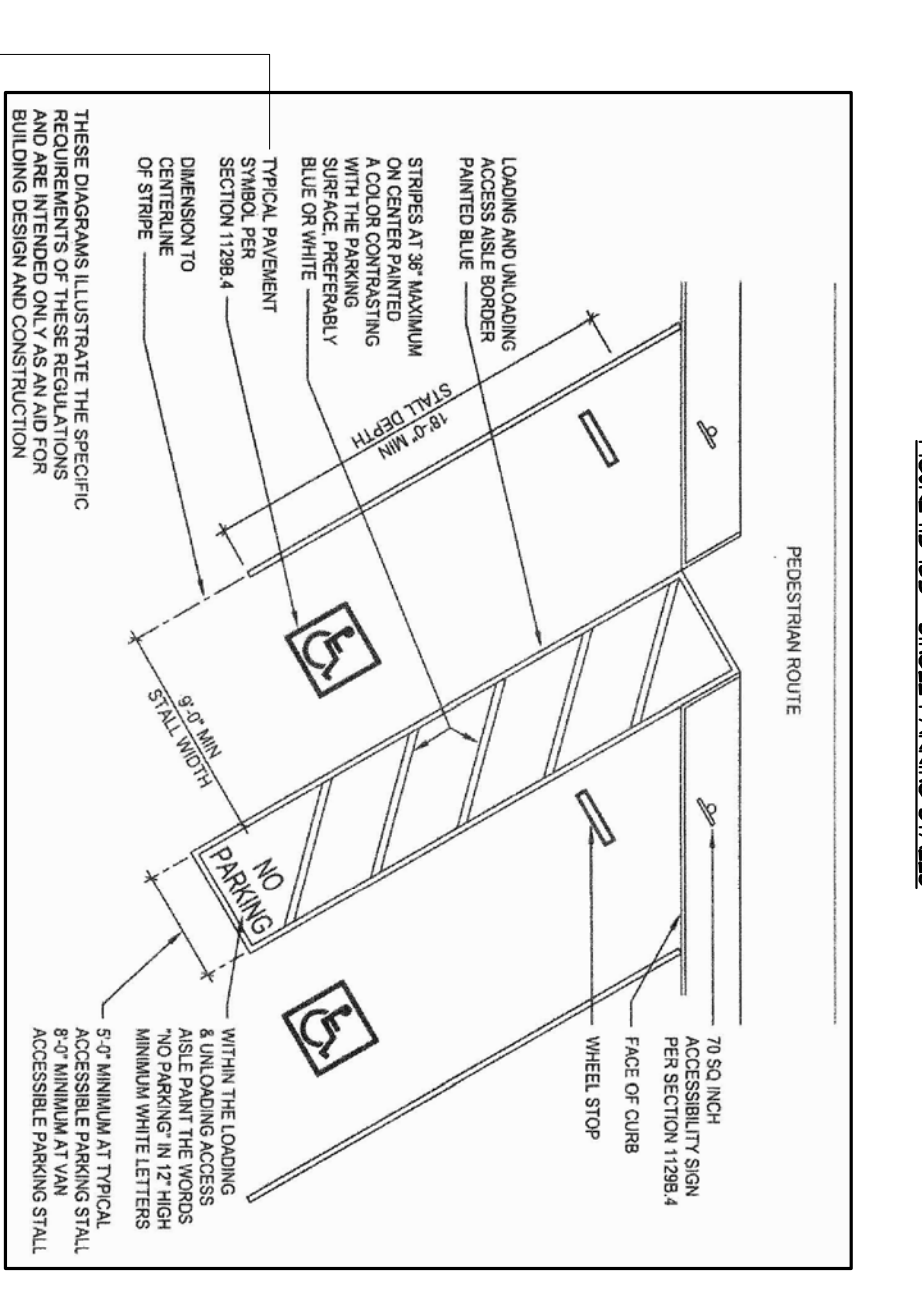
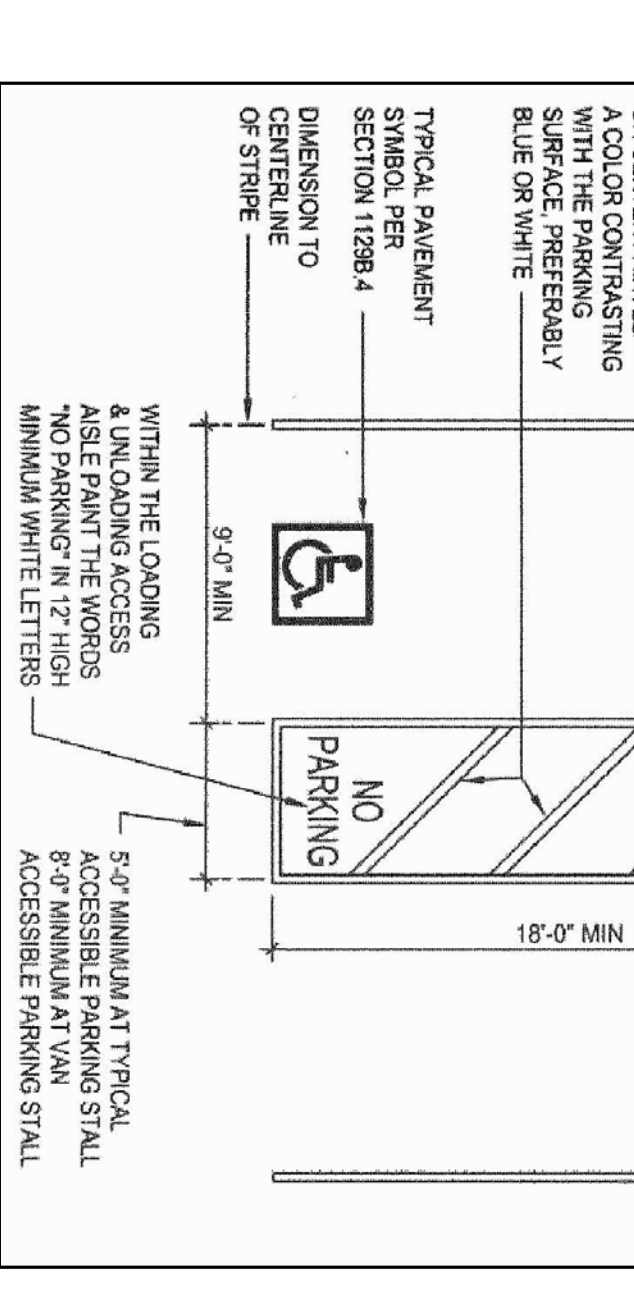
- 1. DISCRETS, THESE SPACES ARE PROVIDED... 2. PARKING SPACES MAY BE PROVIDED... 3. VERTICAL CLEARANCE... 4. SIGNAGE... 5. IDENTIFICATION OF PARKING SPACES FOR STREET PARKING FACILITIES...

- 1. WHERE THE PARKING SPACES... 2. PARKING SPACES MAY BE PROVIDED... 3. VERTICAL CLEARANCE... 4. SIGNAGE... 5. IDENTIFICATION OF PARKING SPACES FOR STREET PARKING FACILITIES...



10) ENTRANCES REFER TO SECTION 1089.1 OF THE 2009 CALIFORNIA BUILDING CODE

ENTRANCES AND EXITS TO BUILDINGS AND FACILITIES SHALL BE MADE ACCESSIBLE TO PERSONS WITH PHYSICAL DISABILITIES...



- 1. ENTRANCES AND EXITS TO BUILDINGS AND FACILITIES SHALL BE MADE ACCESSIBLE TO PERSONS WITH PHYSICAL DISABILITIES... 2. ENTRIES AND EXITS... 3. SIGNAGE... 4. IDENTIFICATION OF PARKING SPACES...

11) DOORS REFER TO SECTION 1089.4 & 1089.5 OF THE 2009 CALIFORNIA BUILDING CODE

DOORS SHALL BE MADE ACCESSIBLE TO PERSONS WITH PHYSICAL DISABILITIES... 1089.4.1 DOORS OPENING INTO OR OUT OF A BUILDING...

- 1. DOORS NOT REQUIRED FOR ENTRANCES... 2. WHERE A PAIR OF DOORS... 3. WHERE A PAIR OF DOORS... 4. WHERE A PAIR OF DOORS... 5. WHERE A PAIR OF DOORS...

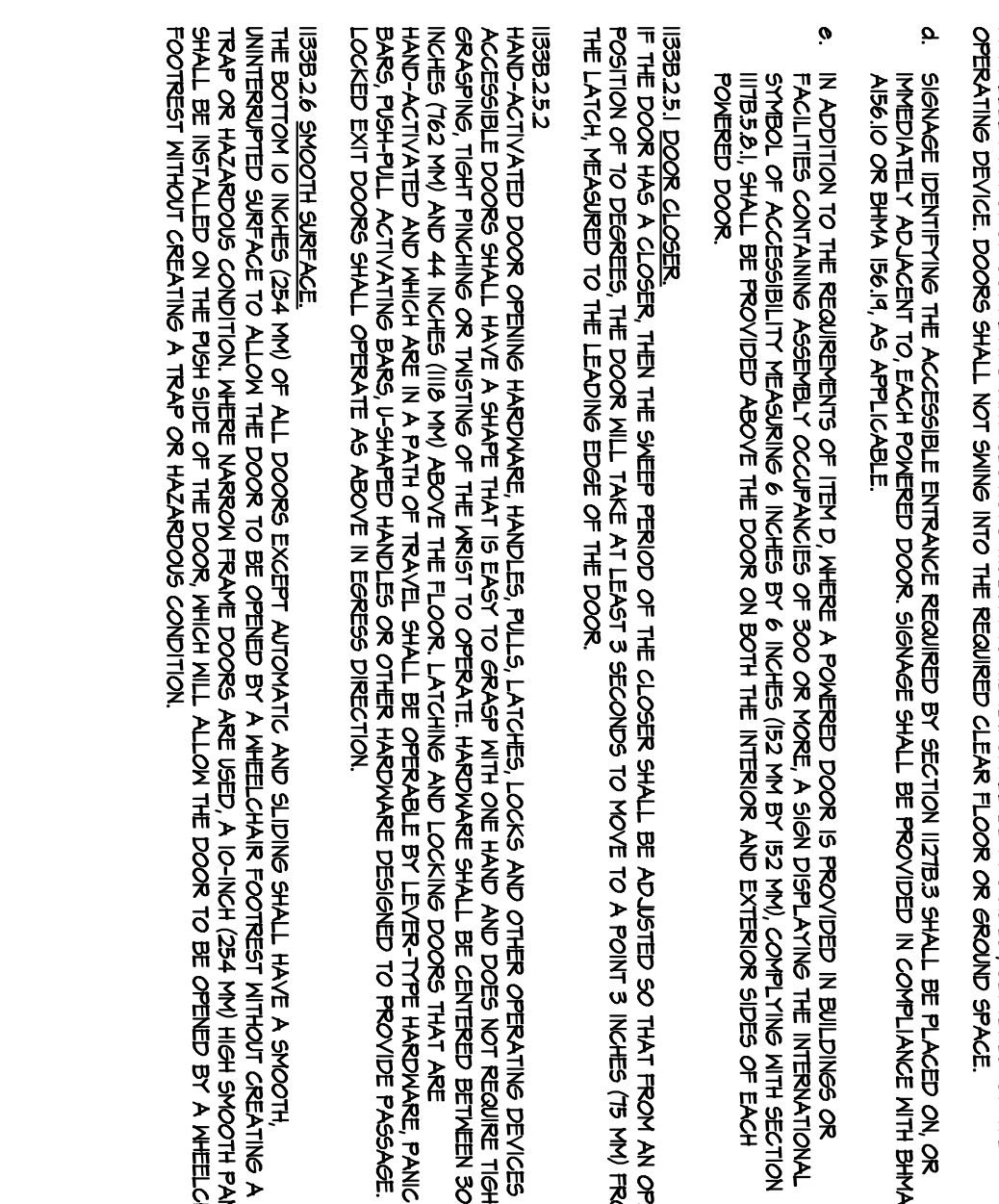
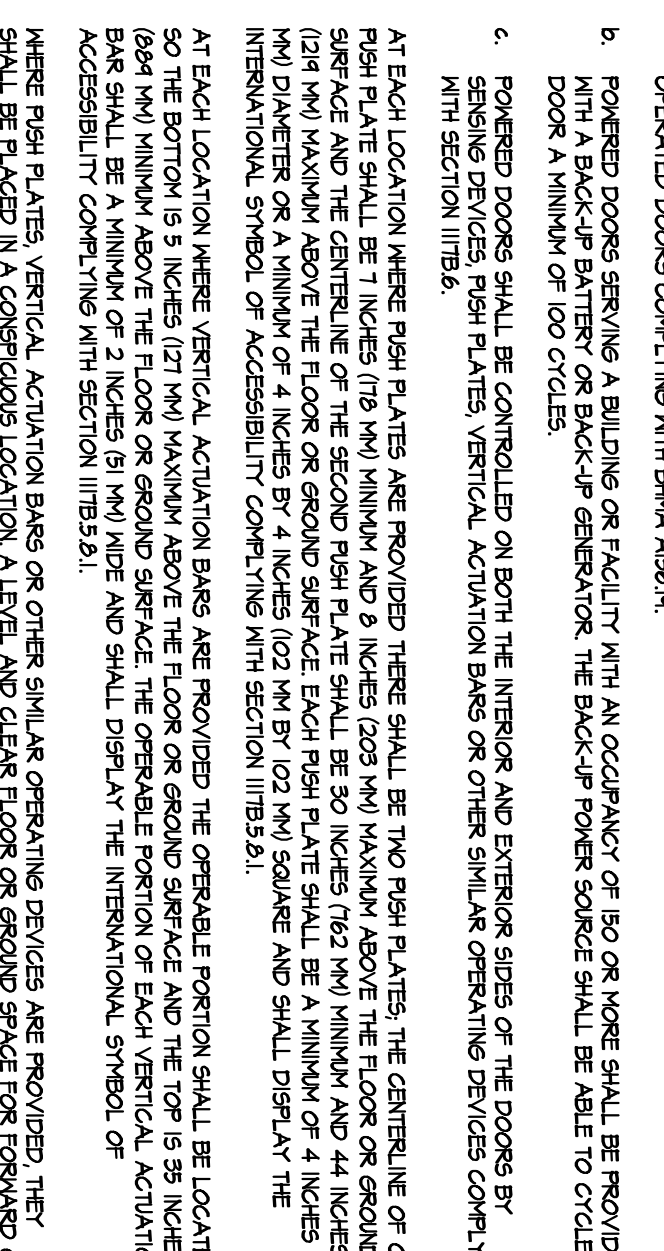
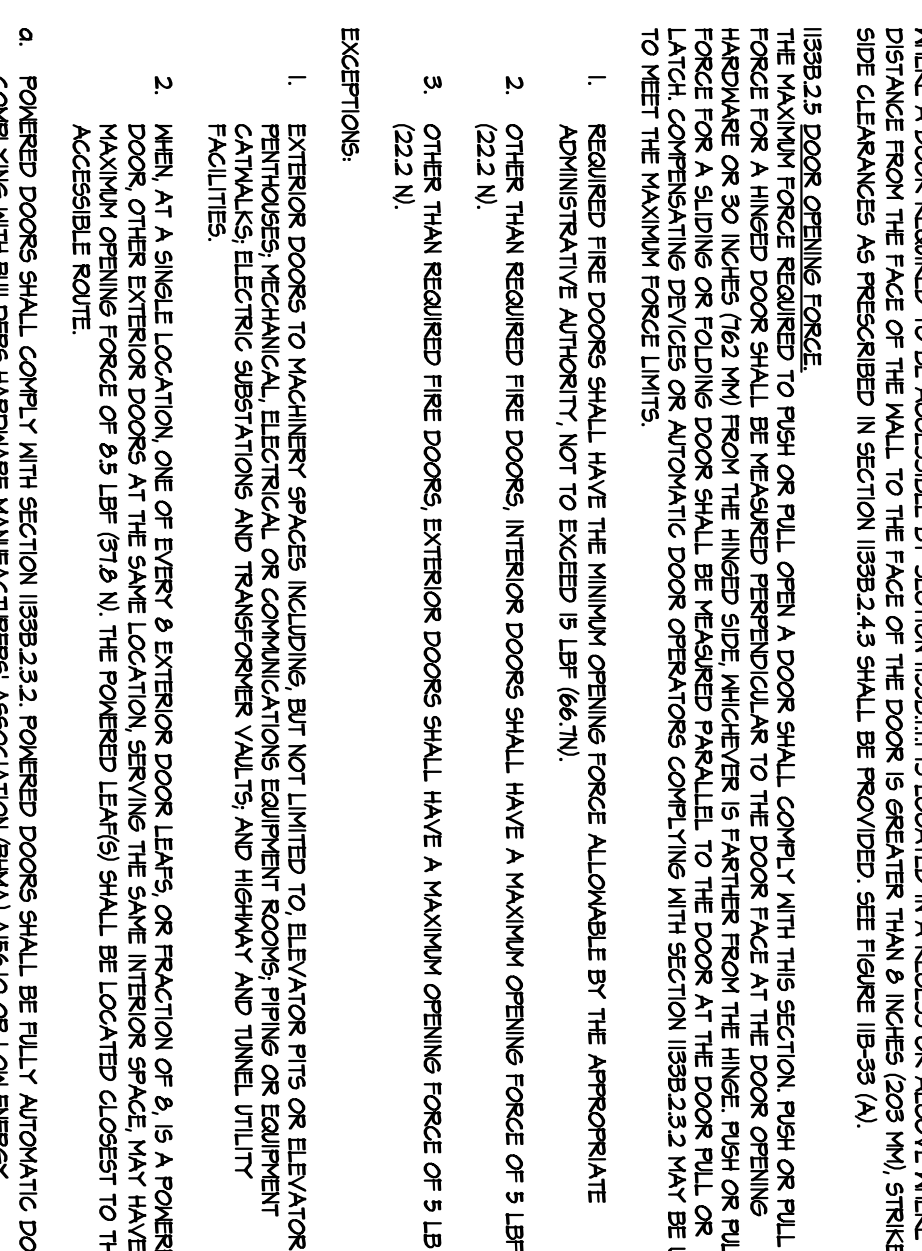
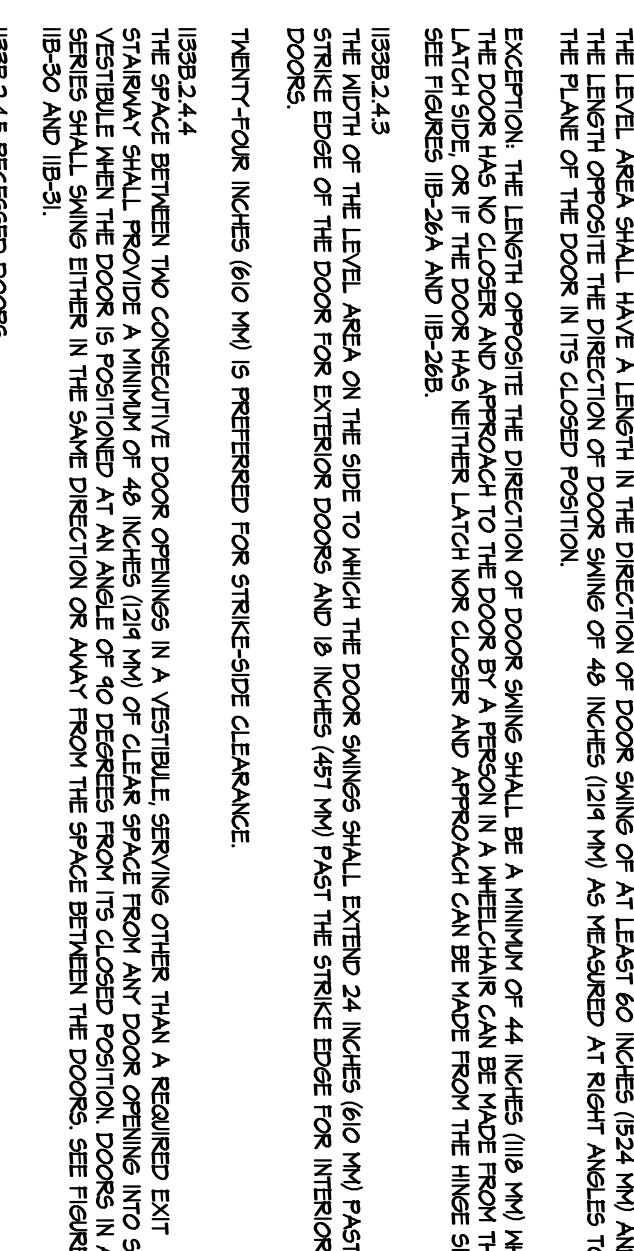
- 1. DOORS NOT REQUIRED FOR ENTRANCES... 2. WHERE A PAIR OF DOORS... 3. WHERE A PAIR OF DOORS... 4. WHERE A PAIR OF DOORS... 5. WHERE A PAIR OF DOORS...

- 1. DOORS NOT REQUIRED FOR ENTRANCES... 2. WHERE A PAIR OF DOORS... 3. WHERE A PAIR OF DOORS... 4. WHERE A PAIR OF DOORS... 5. WHERE A PAIR OF DOORS...

- 1. DOORS NOT REQUIRED FOR ENTRANCES... 2. WHERE A PAIR OF DOORS... 3. WHERE A PAIR OF DOORS... 4. WHERE A PAIR OF DOORS... 5. WHERE A PAIR OF DOORS...

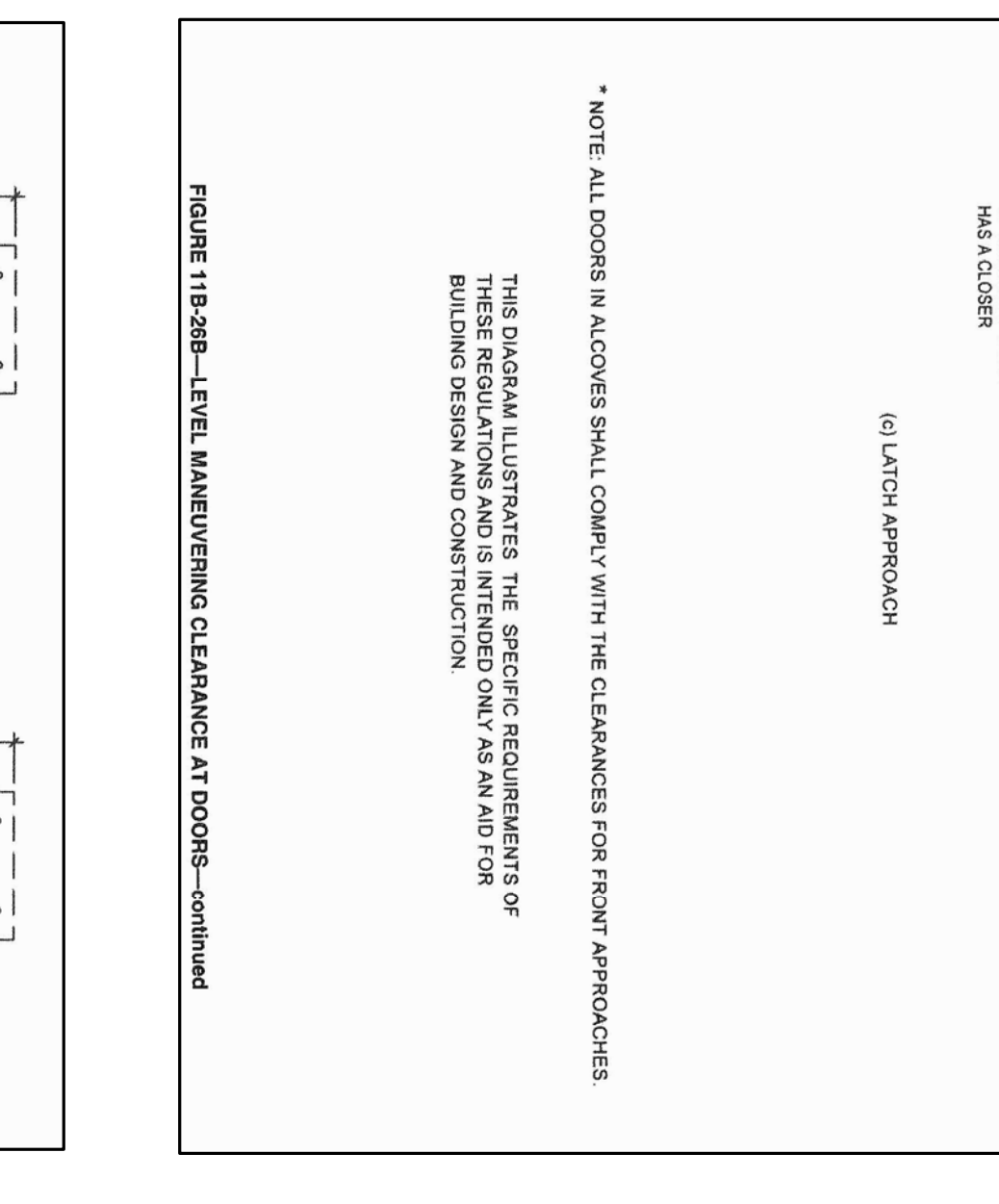
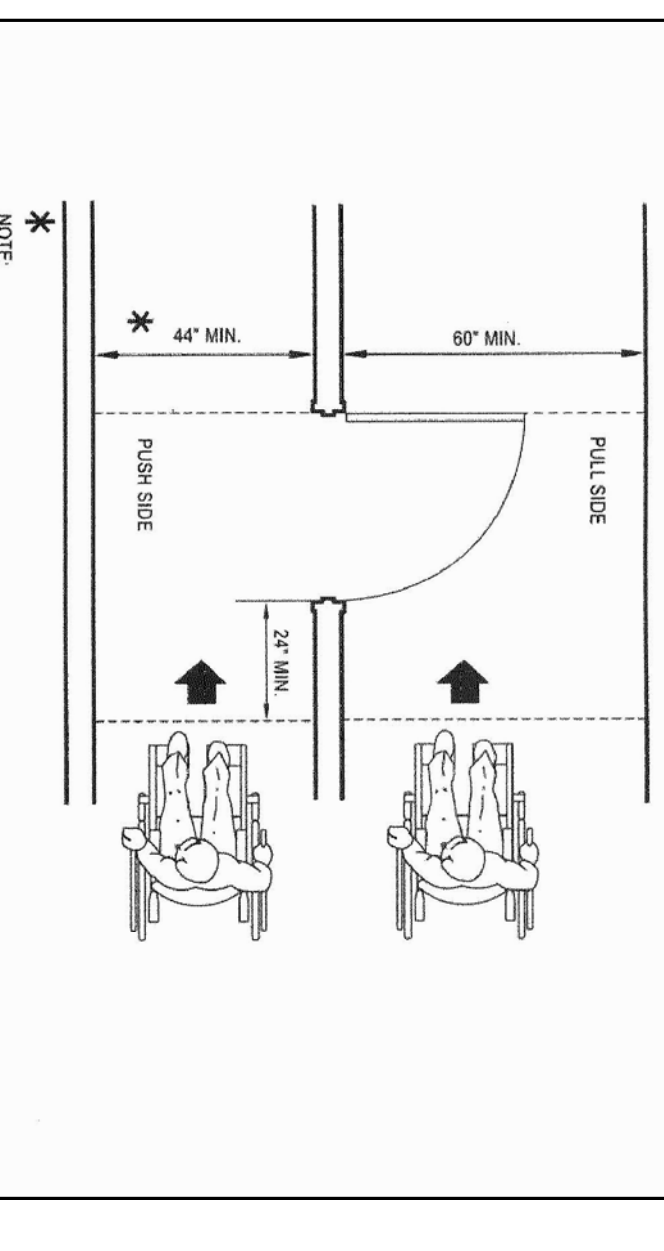
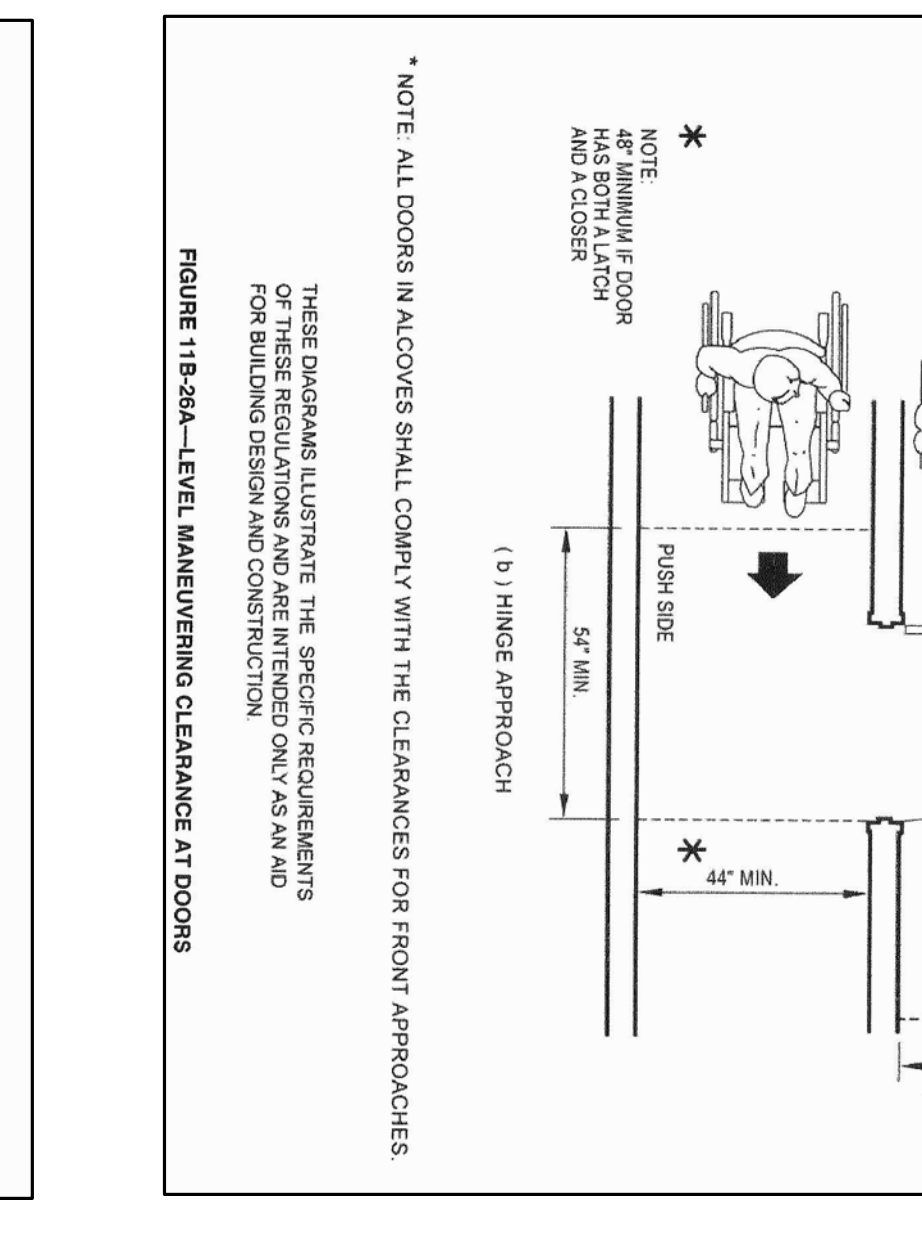
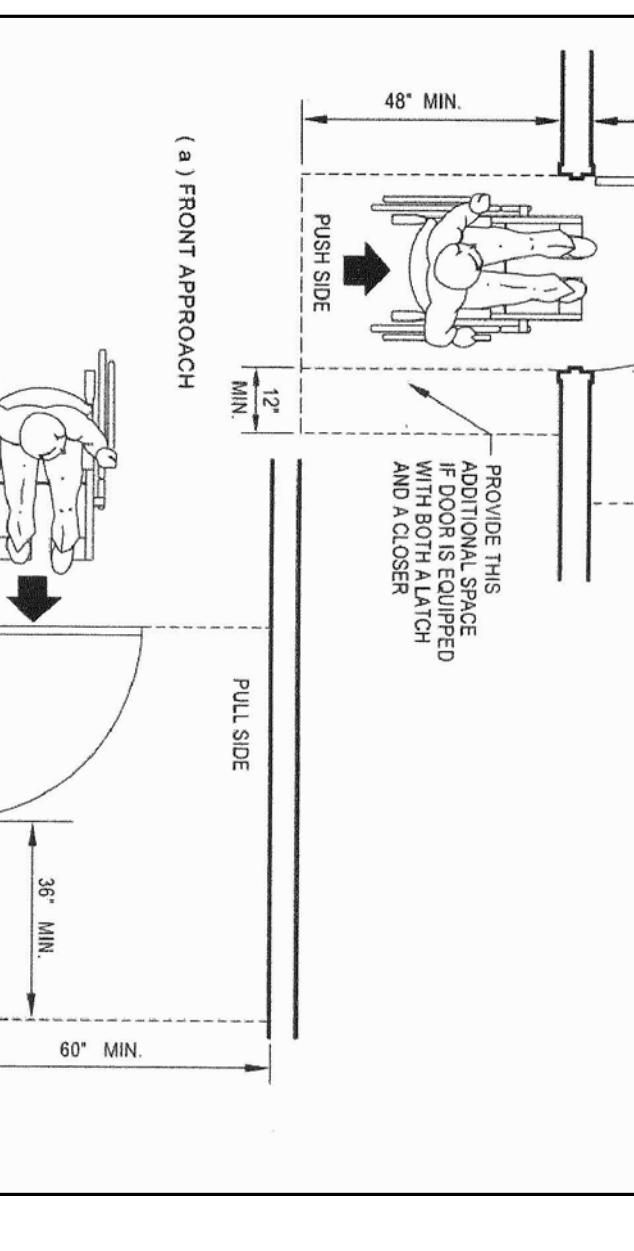
11B) DOORS REFER TO SECTION 1089.4.1 OF THE 2009 CALIFORNIA BUILDING CODE

DOORS OPENING INTO OR OUT OF A BUILDING SHALL BE MADE ACCESSIBLE TO PERSONS WITH PHYSICAL DISABILITIES...



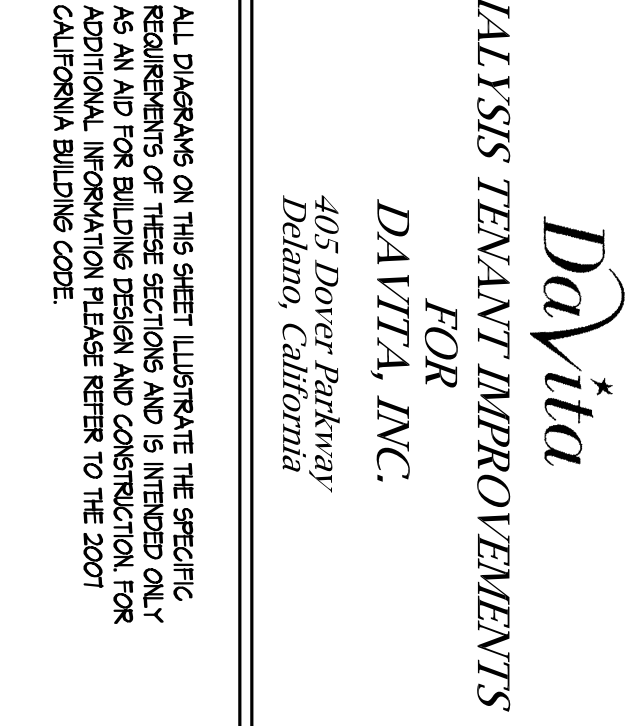
11B) DOORS REFER TO SECTION 1089.4.2 OF THE 2009 CALIFORNIA BUILDING CODE

DOORS OPENING INTO OR OUT OF A BUILDING SHALL BE MADE ACCESSIBLE TO PERSONS WITH PHYSICAL DISABILITIES...



11C) DOORS REFER TO SECTION 1089.4.3 OF THE 2009 CALIFORNIA BUILDING CODE

DOORS OPENING INTO OR OUT OF A BUILDING SHALL BE MADE ACCESSIBLE TO PERSONS WITH PHYSICAL DISABILITIES...



Stephen E. Harrison A.I.A. Architecture & Interior Design. 1801 Redwood Blvd, Suite 300, Redwood Creek, California 94988. Tel: 415-438-9132

DAVIDA TEANANT IMPROVEMENTS FOR DAVIDA INC. 405 Dover Parkway, Daly City, California

Summary History table with columns: No, Description, Date, By. Includes entries for PERMIT SUBMITTAL.

Job Number: 110209, CADD Path: DD/, Drawn By: JMH / JH, Checked By: PRK, Sheet Number: A-0.4



STAIRS REFERS TO SECTION 10204 OF THE 2010 CALIFORNIA BUILDING CODE

GENERAL REQUIREMENTS FOR STAIRS SHALL BE CONSIDERED TO BE THE PORTION OF THIS SECTION

10204.1 HANDRAILS

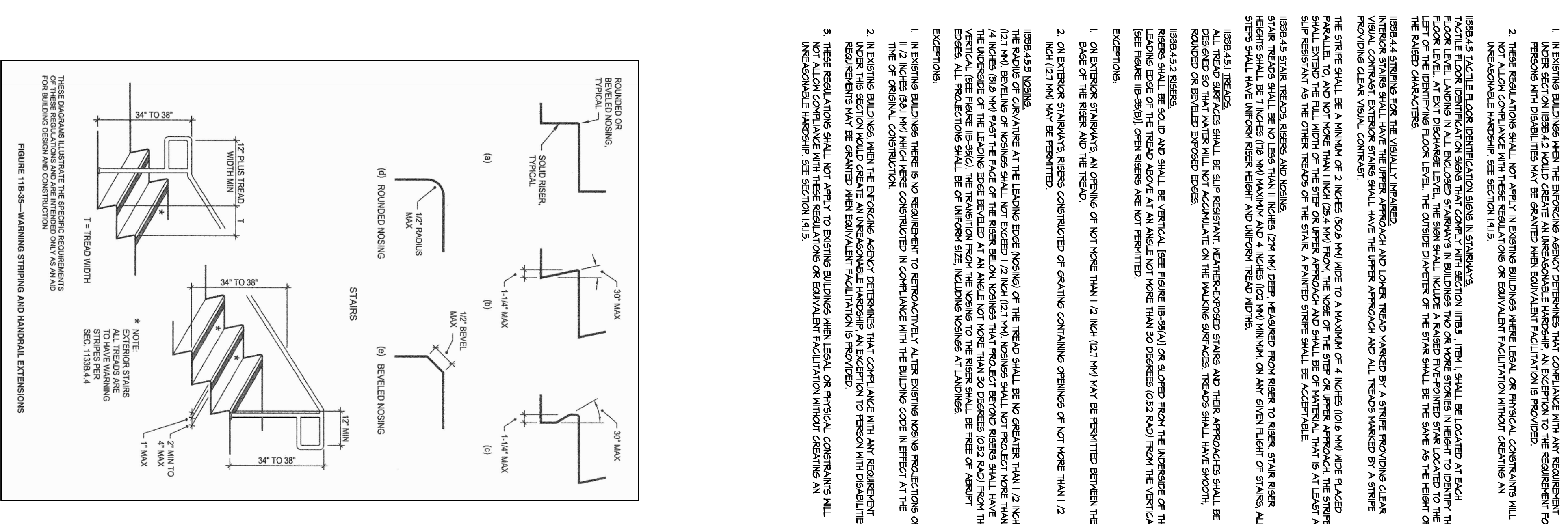
10204.1.1 GRADED HANDRAILS SHALL BE PROVIDED FOR EACH RISE. HANDRAILS SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY. INTERMEDIATE HANDRAILS SHALL BE PROVIDED AS REQUIRED IN SECTION 10212.

10204.1.2 GRADED HANDRAILS SHALL BE PROVIDED FOR EACH RISE. HANDRAILS SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY. INTERMEDIATE HANDRAILS SHALL BE PROVIDED AS REQUIRED IN SECTION 10212.

10204.1.3 GRADED HANDRAILS SHALL BE PROVIDED FOR EACH RISE. HANDRAILS SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY. INTERMEDIATE HANDRAILS SHALL BE PROVIDED AS REQUIRED IN SECTION 10212.

10204.1.4 GRADED HANDRAILS SHALL BE PROVIDED FOR EACH RISE. HANDRAILS SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY. INTERMEDIATE HANDRAILS SHALL BE PROVIDED AS REQUIRED IN SECTION 10212.

10204.1.5 GRADED HANDRAILS SHALL BE PROVIDED FOR EACH RISE. HANDRAILS SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY. INTERMEDIATE HANDRAILS SHALL BE PROVIDED AS REQUIRED IN SECTION 10212.



RAMP REFERS TO SECTION 10205 OF THE 2010 CALIFORNIA BUILDING CODE

GENERAL REQUIREMENTS FOR RAMP SURFACES SHALL BE CONSIDERED TO BE THE PORTION OF THIS SECTION

Table with 2 columns: SLOPE and MAXIMUM RISE. Rows include 1:12, 1:8, 1:6, 1:4, 1:3, and 1:2 slopes with corresponding maximum rise values.

10205.1 GENERAL. RAMP SURFACES SHALL BE PROVIDED FOR EACH RISE. RAMP SURFACES SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...

WALKWAYS AND SIDEWALKS REFERS TO SECTION 10207 OF THE 2010 CALIFORNIA BUILDING CODE

GENERAL REQUIREMENTS FOR WALKWAYS AND SIDEWALKS SHALL BE CONSIDERED TO BE THE PORTION OF THIS SECTION

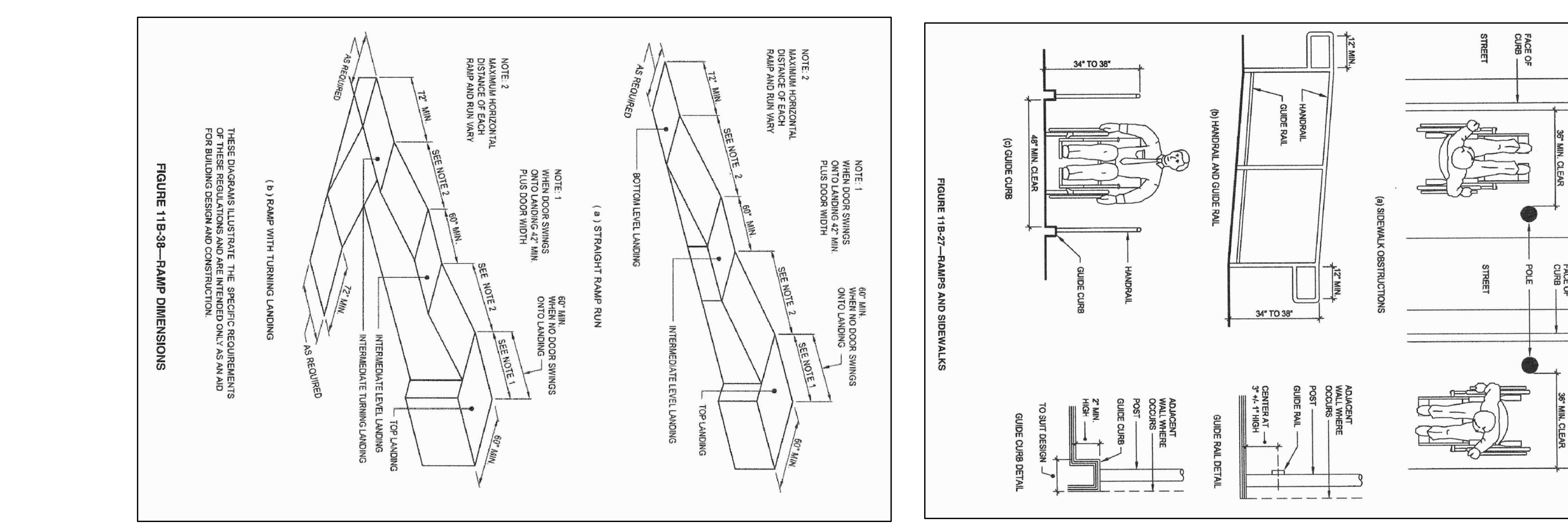
10207.1 WALKWAYS

10207.1.1 WALKWAYS SHALL BE PROVIDED FOR EACH RISE. WALKWAYS SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...

10207.1.2 WALKWAYS SHALL BE PROVIDED FOR EACH RISE. WALKWAYS SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...

10207.1.3 WALKWAYS SHALL BE PROVIDED FOR EACH RISE. WALKWAYS SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...

10207.1.4 WALKWAYS SHALL BE PROVIDED FOR EACH RISE. WALKWAYS SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...



WALLS AND SIDEWALLS REFERS TO SECTION 10208 OF THE 2010 CALIFORNIA BUILDING CODE

GENERAL REQUIREMENTS FOR WALLS AND SIDEWALLS SHALL BE CONSIDERED TO BE THE PORTION OF THIS SECTION

10208.1 GENERAL. WALLS AND SIDEWALLS SHALL BE PROVIDED FOR EACH RISE. WALLS AND SIDEWALLS SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...

10208.2 GENERAL. WALLS AND SIDEWALLS SHALL BE PROVIDED FOR EACH RISE. WALLS AND SIDEWALLS SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...

HAZARDS REFERS TO SECTION 10209 OF THE 2010 CALIFORNIA BUILDING CODE

GENERAL REQUIREMENTS FOR HAZARD PREVENTION SHALL BE CONSIDERED TO BE THE PORTION OF THIS SECTION

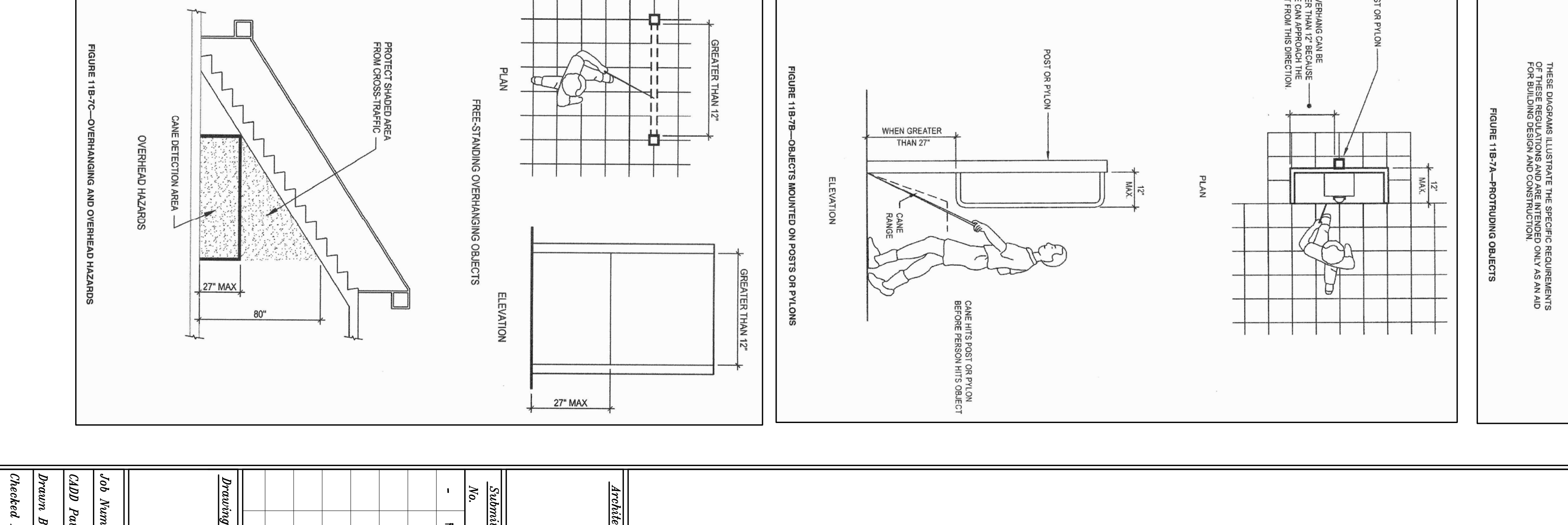
10209.1 HAZARD PREVENTION

10209.1.1 HAZARD PREVENTION SHALL BE PROVIDED FOR EACH RISE. HAZARD PREVENTION SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...

10209.1.2 HAZARD PREVENTION SHALL BE PROVIDED FOR EACH RISE. HAZARD PREVENTION SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...

10209.1.3 HAZARD PREVENTION SHALL BE PROVIDED FOR EACH RISE. HAZARD PREVENTION SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...

10209.1.4 HAZARD PREVENTION SHALL BE PROVIDED FOR EACH RISE. HAZARD PREVENTION SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...



ADA DETAILS

GENERAL REQUIREMENTS FOR ADA COMPLIANCE SHALL BE CONSIDERED TO BE THE PORTION OF THIS SECTION



10209.1.5 HAZARD PREVENTION SHALL BE PROVIDED FOR EACH RISE. HAZARD PREVENTION SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...

10209.1.6 HAZARD PREVENTION SHALL BE PROVIDED FOR EACH RISE. HAZARD PREVENTION SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...

10209.1.7 HAZARD PREVENTION SHALL BE PROVIDED FOR EACH RISE. HAZARD PREVENTION SHALL BE CONTIGUOUS ALONG BOTH SIDES OF A STAIRWAY...

CAL GREEN MANDATORY CHECKLIST

Pursuing a checklist for the 2010 California Green Building Standards Code (CALGreen) requirements for new non-

residential projects. The provisions of this Code apply to the same extent as if the requirements were included in the California Building Standards Code (CALGreen) requirements for new non-residential projects.

Table with 4 columns: Item Number, Description, Comments, and Reference. Includes items 5.1 (Planning and Design) and 5.2 (Energy Modeling).

Table with 4 columns: Item Number, Description, Comments, and Reference. Includes items 5.3 (Water Efficiency and Conservation) and 5.4 (Material Conservation and Resource Efficiency).

Table with 4 columns: Item Number, Description, Comments, and Reference. Includes items 5.5 (Indoor Environmental Quality) and 5.6 (Environmental Quality).

Table with 4 columns: Item Number, Description, Comments, and Reference. Includes items 5.4 (Material Conservation and Resource Efficiency) and 5.5 (Indoor Environmental Quality).

Table with 4 columns: Item Number, Description, Comments, and Reference. Includes items 5.4 (Material Conservation and Resource Efficiency) and 5.5 (Indoor Environmental Quality).

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Table with 4 columns: Item Number, Description, Comments, and Reference. Includes items 5.5 (Indoor Environmental Quality) and 5.6 (Environmental Quality).

Table with 4 columns: Item Number, Description, Comments, and Reference. Includes items 5.6 (Environmental Quality) and 5.7 (Construction Waste Management).

CONSTRUCTION WASTE MANAGEMENT PLAN

Construction Waste Management (CWM) Plan

Note: This sample form may be used to assist in documenting compliance with the waste management plan.

Project Name, Project Manager, Waste Handling Company, and Construction Permit Number fields.

All Subcontractors shall comply with the project's Construction Waste Management Plan. All Subcontractors present shall sign the CWM Plan Acknowledgment Sheet.

Table with 4 columns: Item Number, Description, Comments, and Reference. Includes items 5.4 (Material Conservation and Resource Efficiency) and 5.5 (Indoor Environmental Quality).

Table 5.5.0.4.1: Labels and Labels per Linear Foot of Building Applications. Includes categories like Floor finish, Wall finish, etc.

Table 5.5.0.4.2: VOC Content Limits by Material Category. Lists various materials and their corresponding VOC content limits.

Table 5.5.0.4.3: Labels and Labels per Linear Foot of Building Applications. Includes categories like Floor finish, Wall finish, etc.

Table 5.5.0.4.4: Labels and Labels per Linear Foot of Building Applications. Includes categories like Floor finish, Wall finish, etc.

Table 5.5.0.4.5: Labels and Labels per Linear Foot of Building Applications. Includes categories like Floor finish, Wall finish, etc.

Table 5.5.0.4.6: Labels and Labels per Linear Foot of Building Applications. Includes categories like Floor finish, Wall finish, etc.

Table 5.5.0.4.7: Labels and Labels per Linear Foot of Building Applications. Includes categories like Floor finish, Wall finish, etc.

Table 5.5.0.4.1: Labels and Labels per Linear Foot of Building Applications. Includes categories like Floor finish, Wall finish, etc.

Table 5.5.0.4.2: VOC Content Limits by Material Category. Lists various materials and their corresponding VOC content limits.

Table 5.5.0.4.3: Labels and Labels per Linear Foot of Building Applications. Includes categories like Floor finish, Wall finish, etc.

Table 5.5.0.4.4: Labels and Labels per Linear Foot of Building Applications. Includes categories like Floor finish, Wall finish, etc.

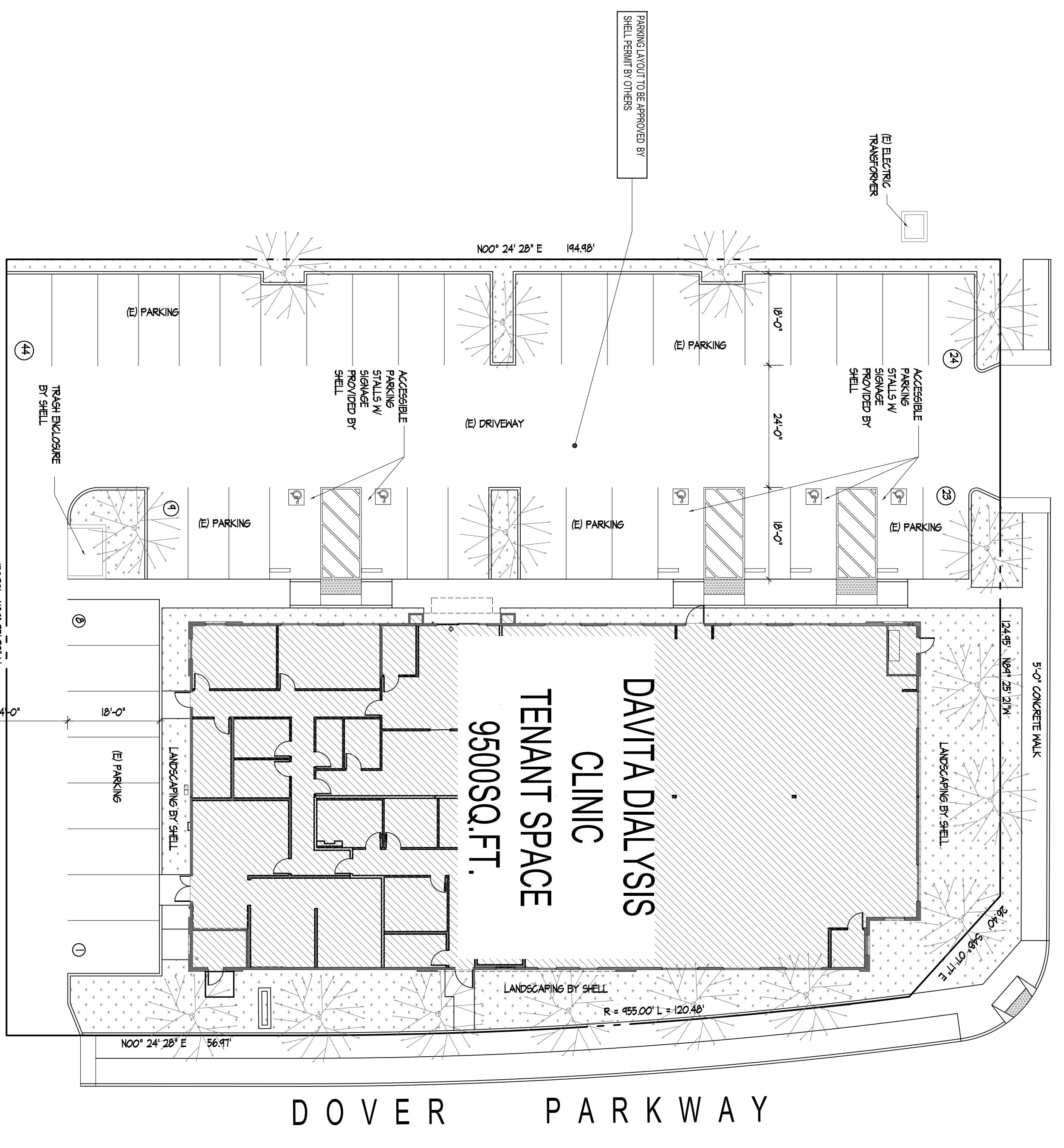
Table 5.5.0.4.5: Labels and Labels per Linear Foot of Building Applications. Includes categories like Floor finish, Wall finish, etc.

Table 5.5.0.4.6: Labels and Labels per Linear Foot of Building Applications. Includes categories like Floor finish, Wall finish, etc.

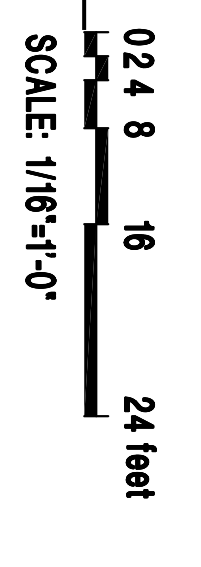
Table 5.5.0.4.7: Labels and Labels per Linear Foot of Building Applications. Includes categories like Floor finish, Wall finish, etc.

Architect's Stamp for Stephen E. Harrisman A.I.A. and Associates, dated 12/4/2011. Includes fields for Job Number (11826), CADD Path, Drawn By (JMH/JA), and Checked By (PRK).

DIAZ AVENUE



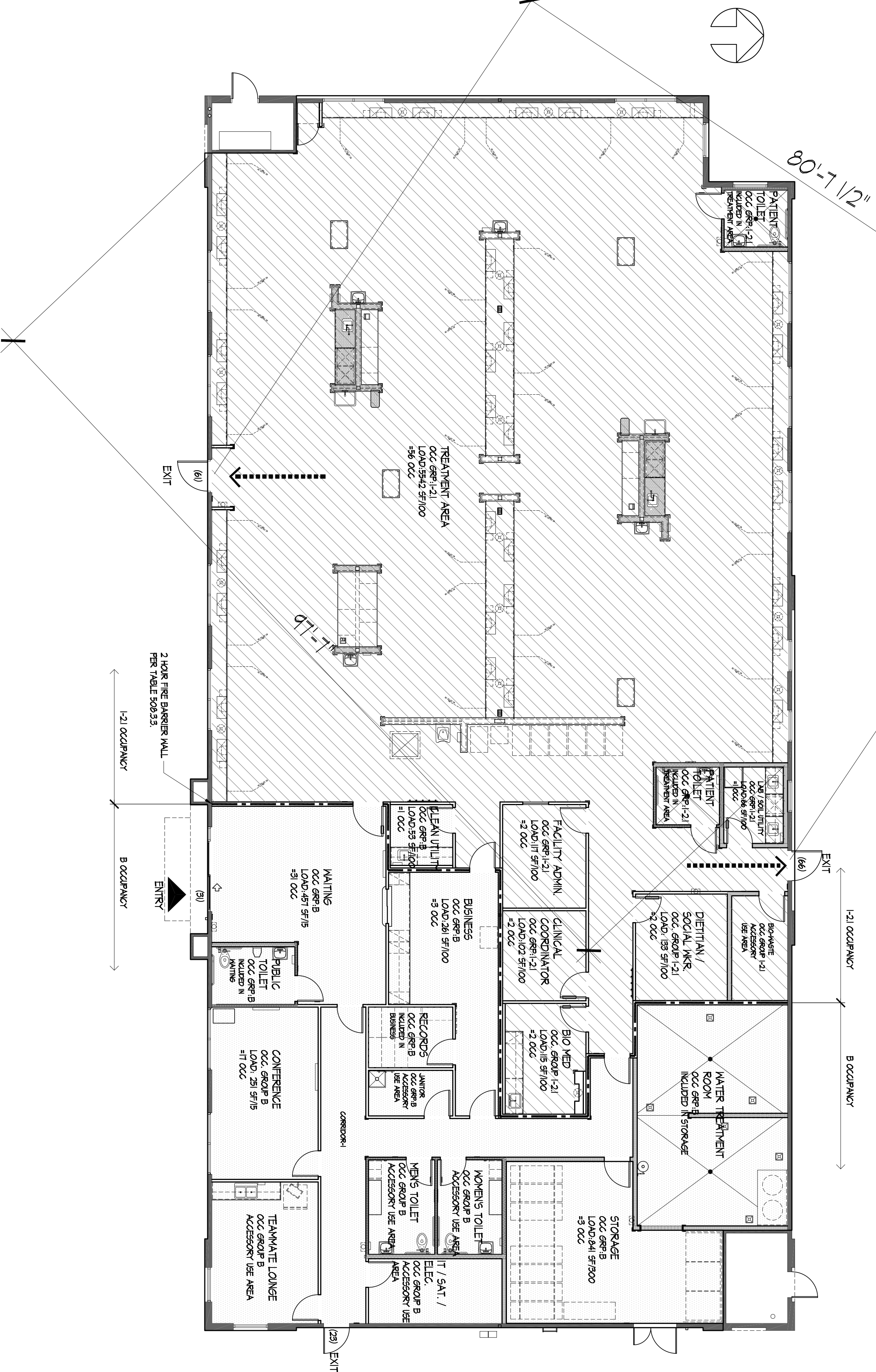
SITE PLAN



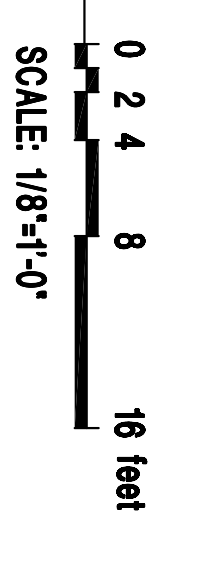
- INDICATES I-21 OCCUPANCY PORTION (1 HOUR RATED)
- INDICATES B OCCUPANCY PORTION (1 HOUR RATED)
- INDICATES 2-HR FIRE BARRIER WALL
- INDICATES EXIT PATH

**PARKING ANALYSIS: (FOR REFERENCE ONLY)**  
 PARKING RATIO: 1:1,000  
 DAVITA TENANT SPACE: 8725 NET SQ.FT.  
 8725 / 200 = 44 SPACES

**NOTE:**  
 THE SITE PLAN, ASSOCIATED HARDSCAPE AND ALL EXTERIOR ACCESSIBLE FEATURES ARE BEING SHOWN FOR REFERENCE ONLY. THE SHELL GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL SITE WORK, SITE UTILITIES AND ALL ACCESSIBLE REQUIREMENTS PERTAINING TO I-OCCUPANCY.



OCCUPANT LOAD AND EXITING DIAGRAM



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 Walnut Creek, California 94596  
 (925) 934-1160  
 Fax: 925-934-8132

**Davita**  
 DIALYSIS TENANT IMPROVEMENTS  
 FOR  
 DAVITA, INC.  
 405 Dover Parkway  
 Delano, California

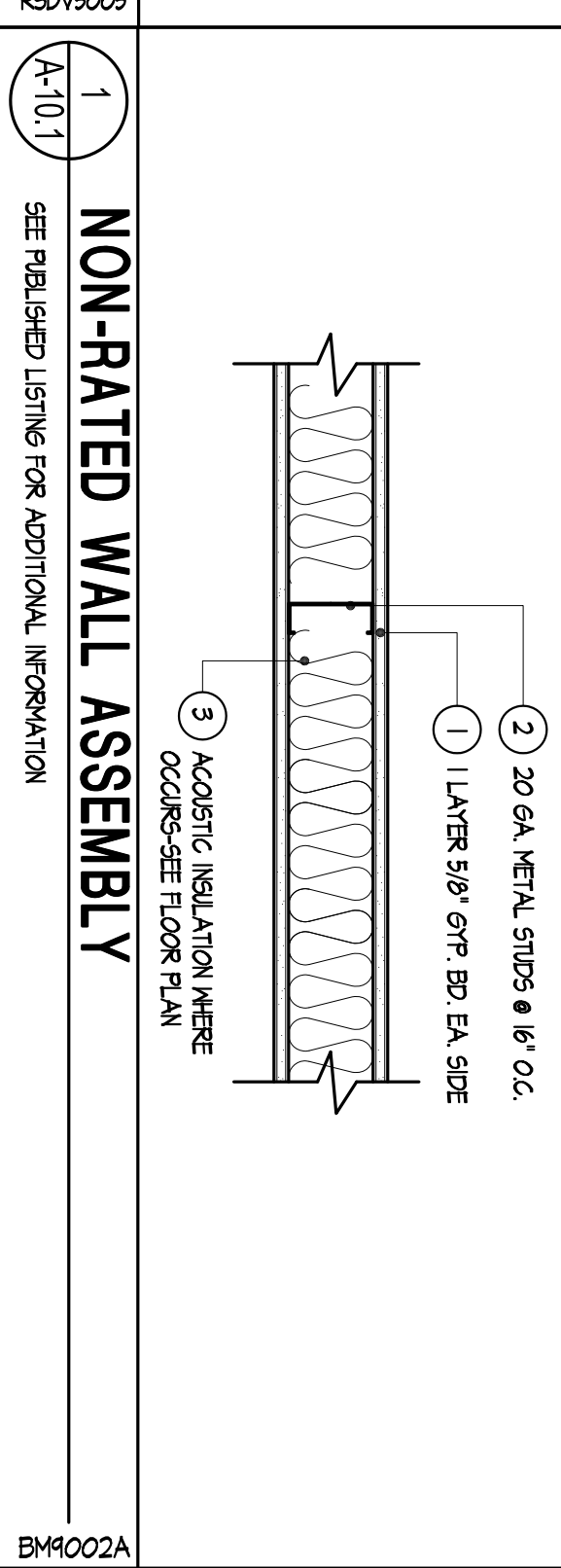
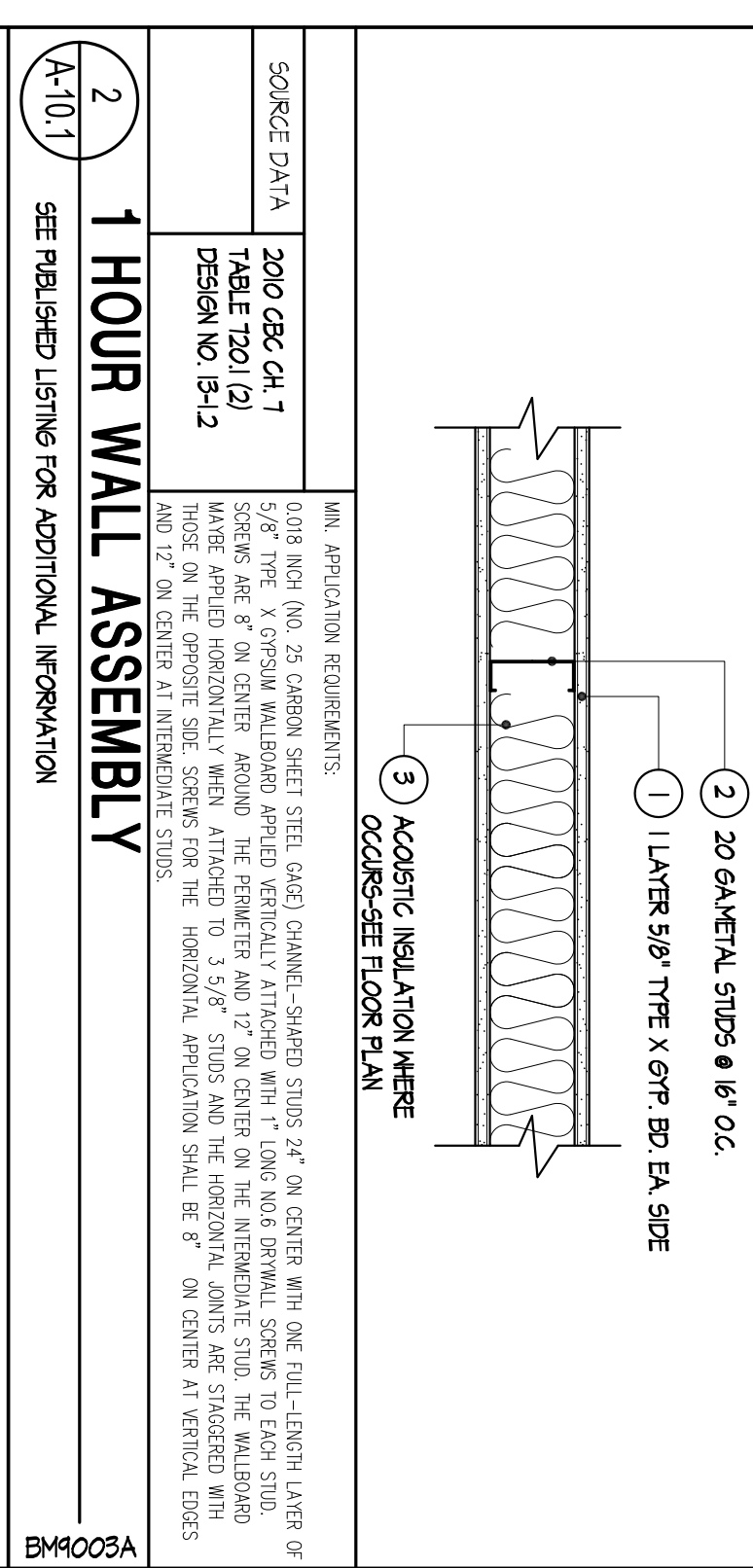
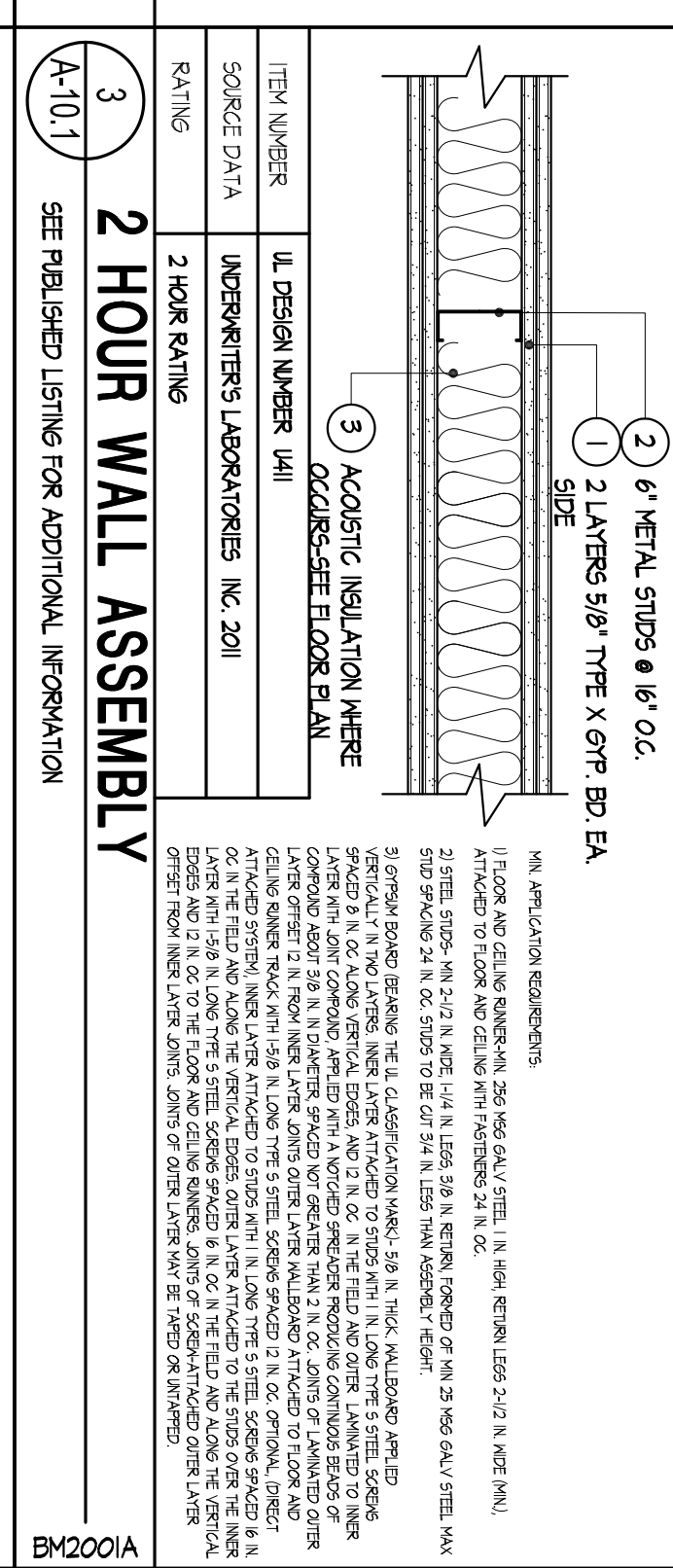
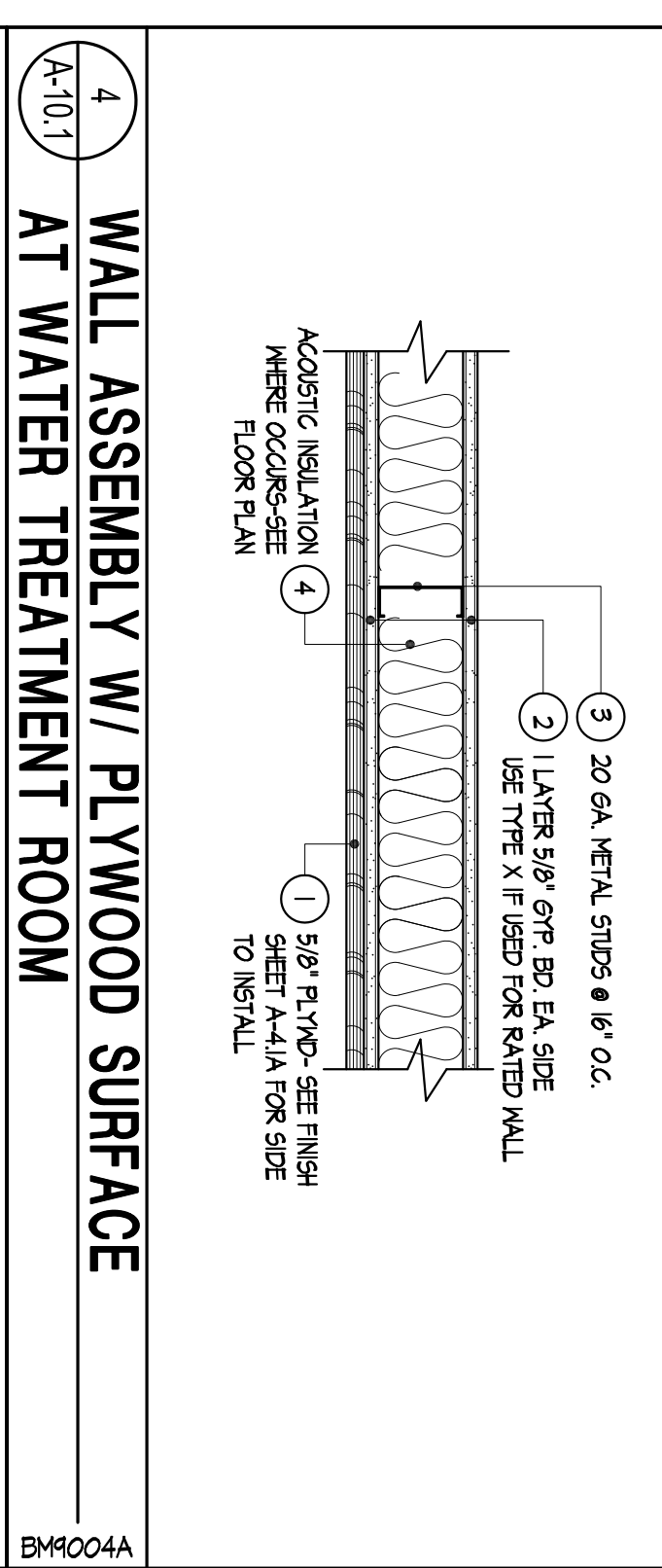
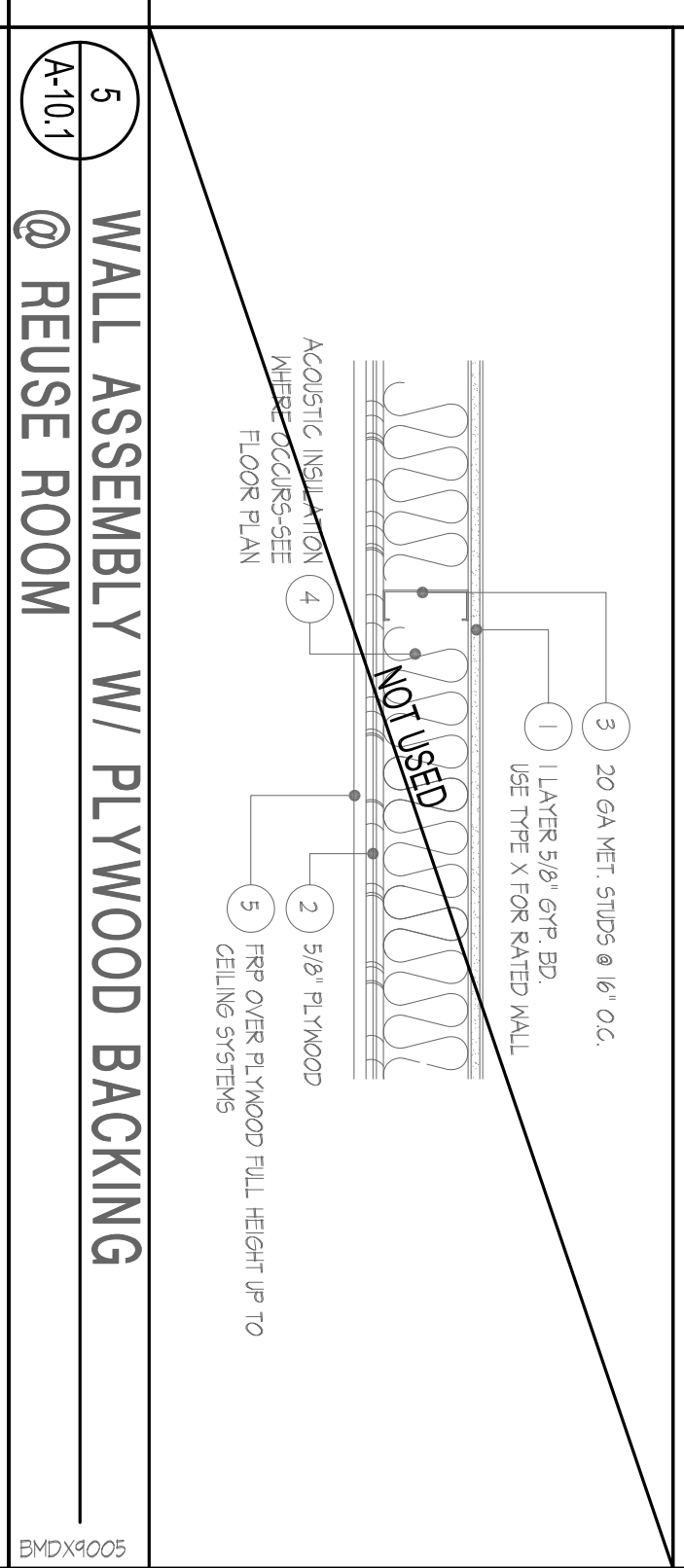
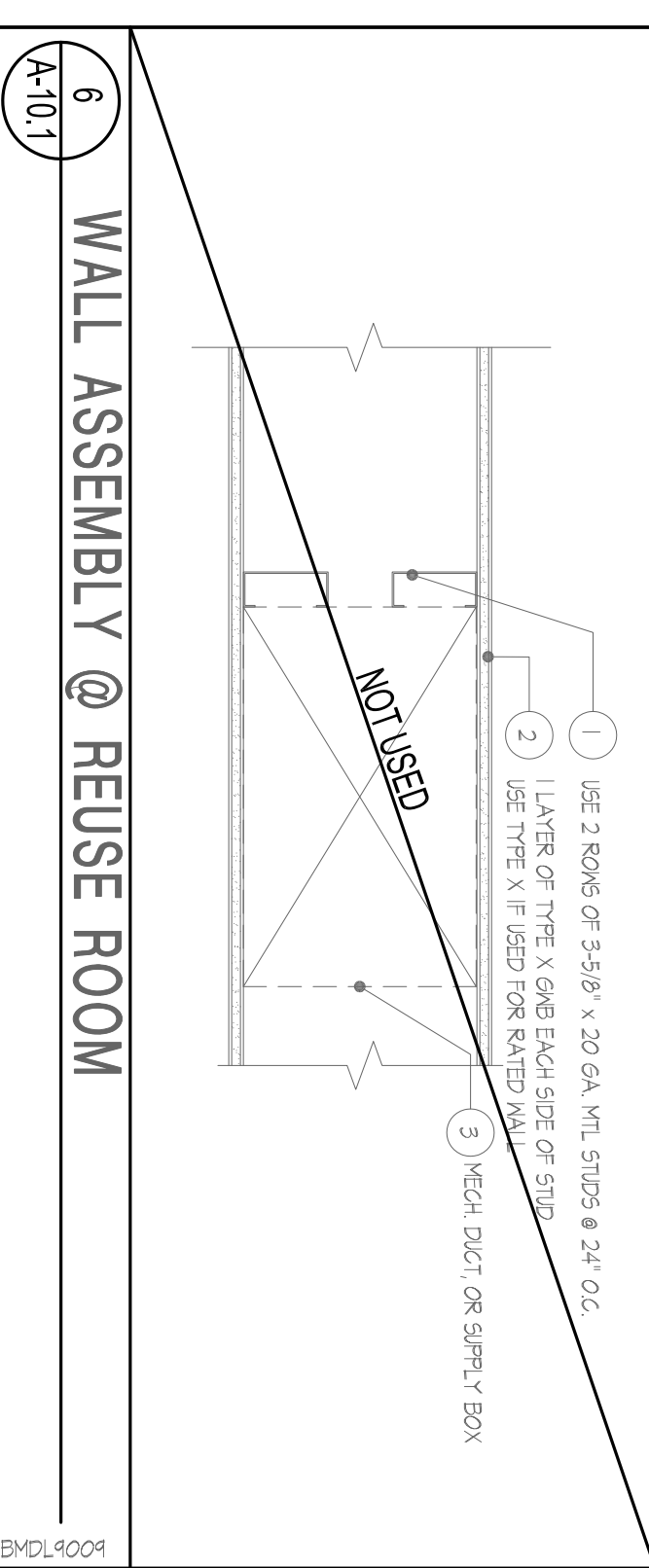
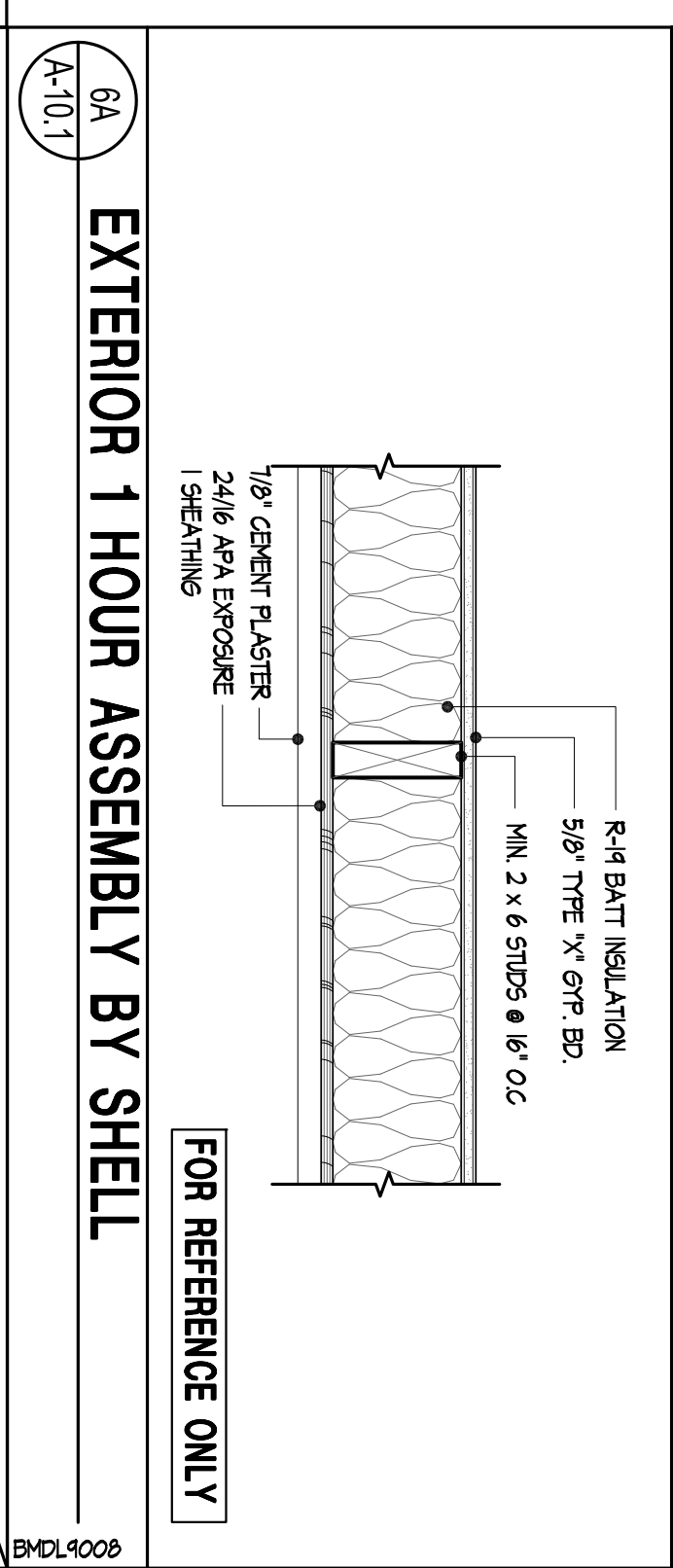
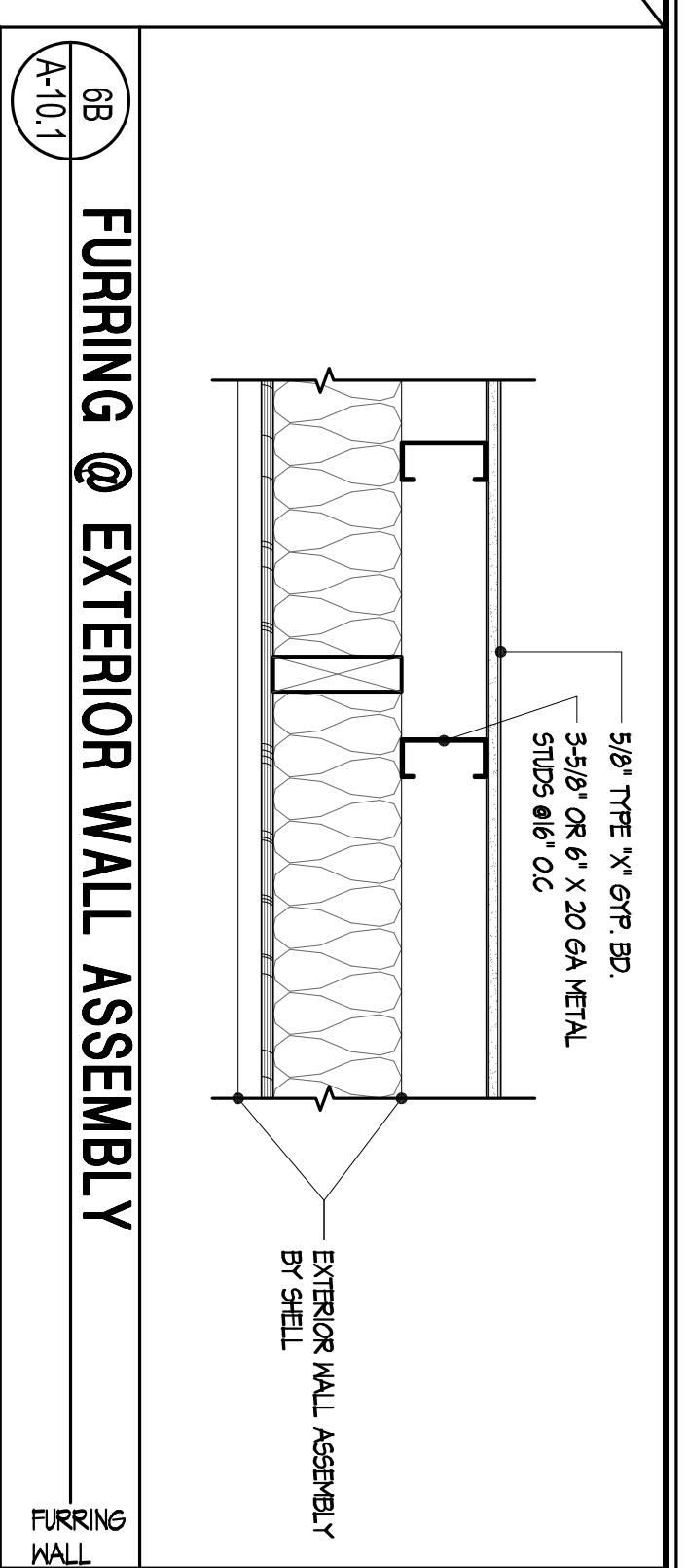
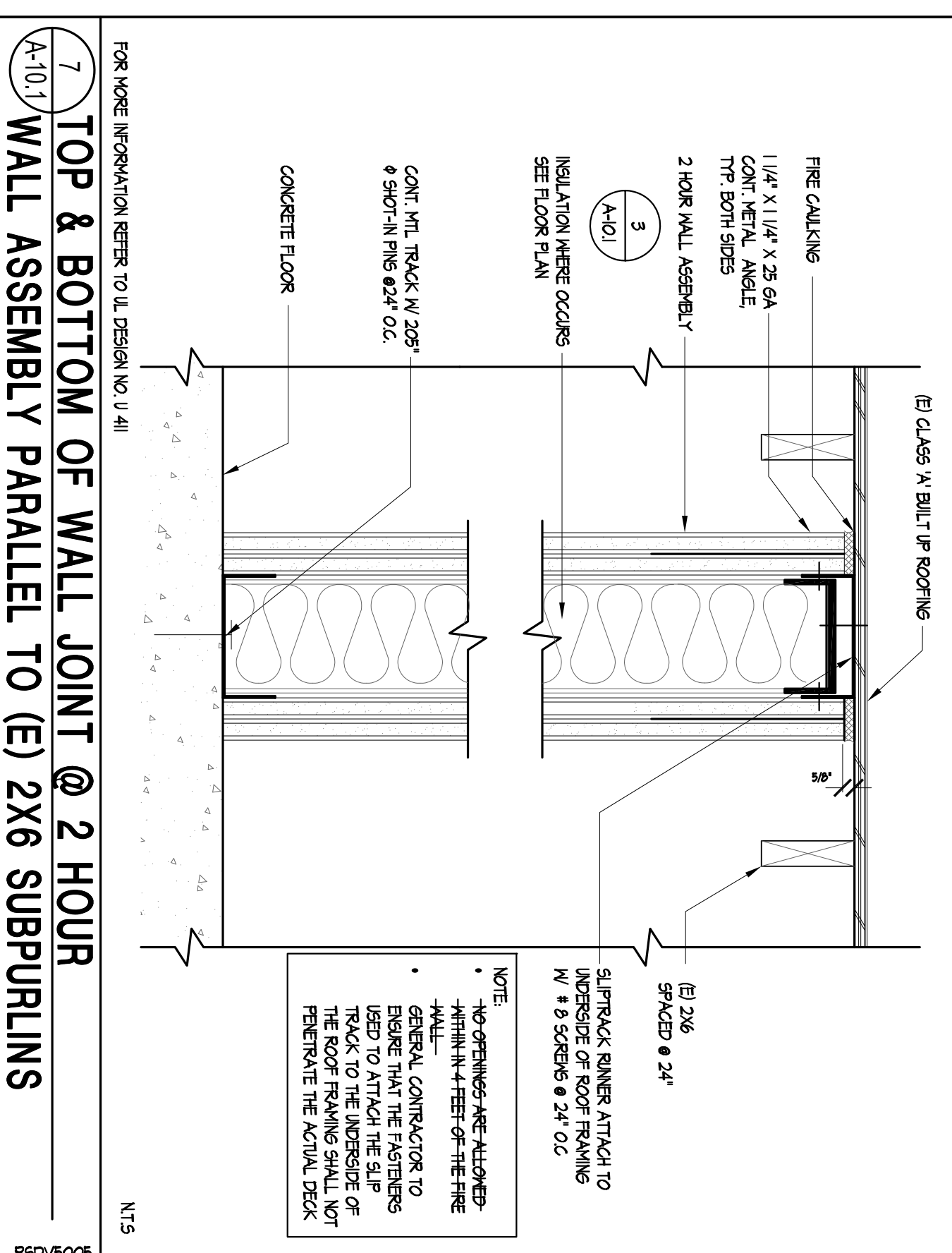
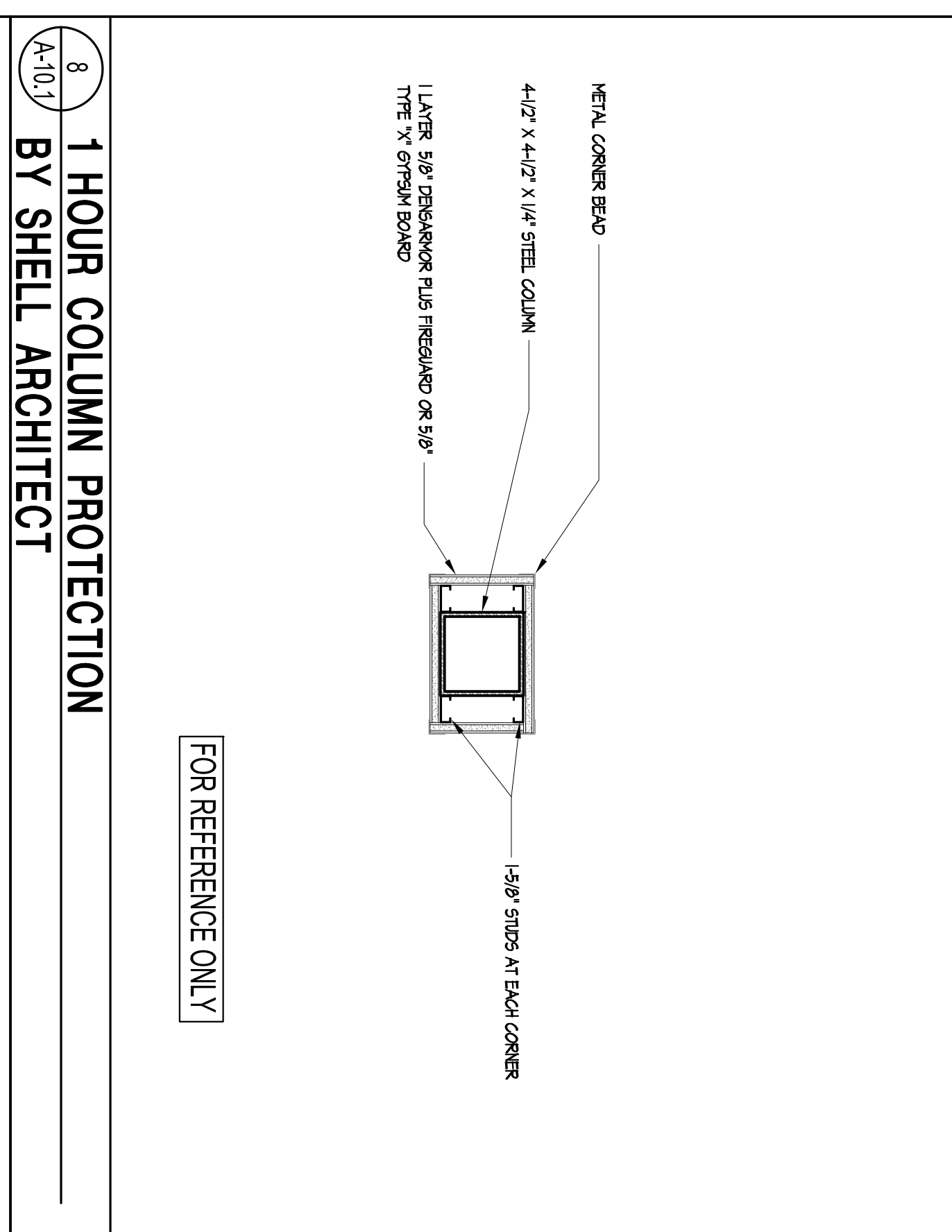
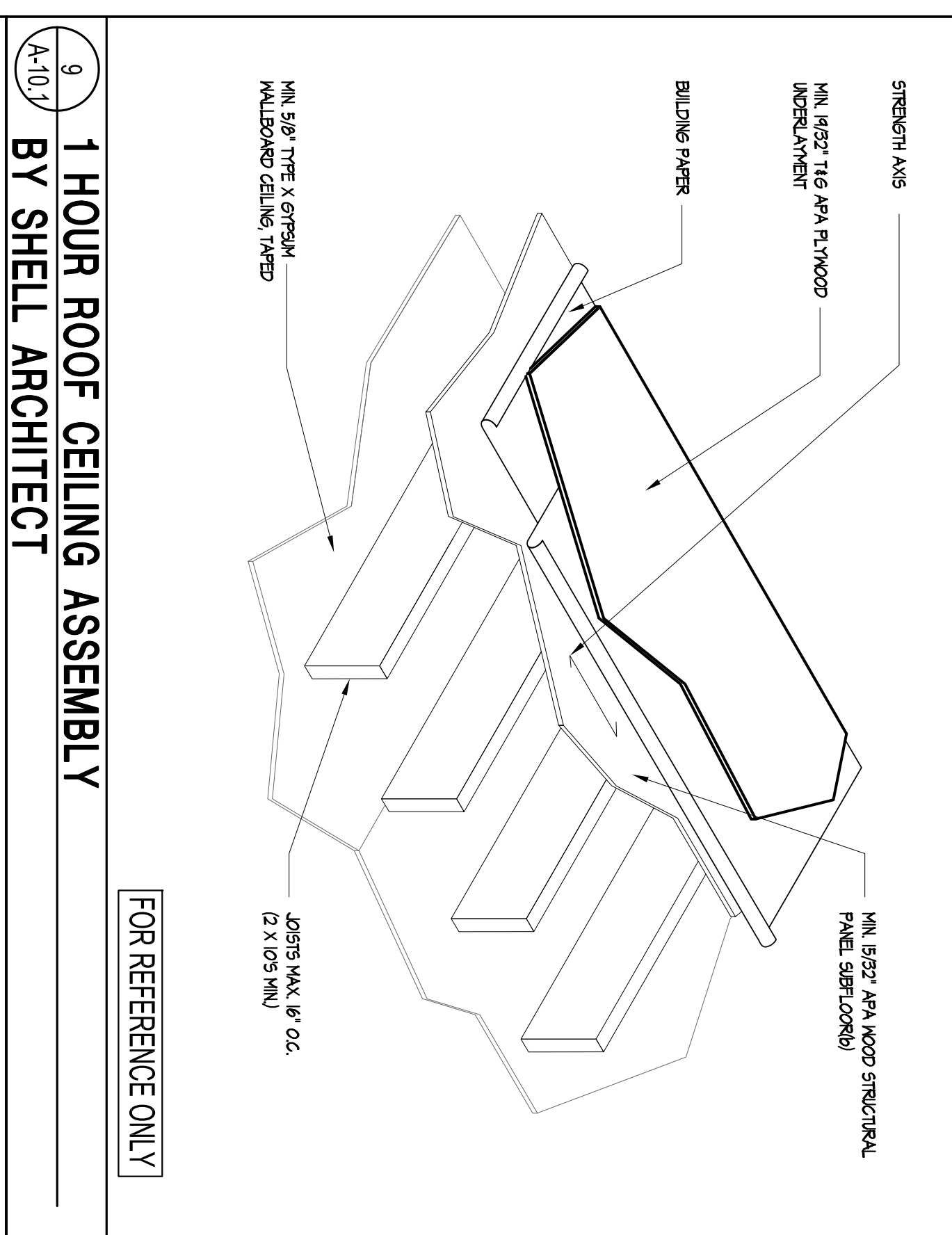
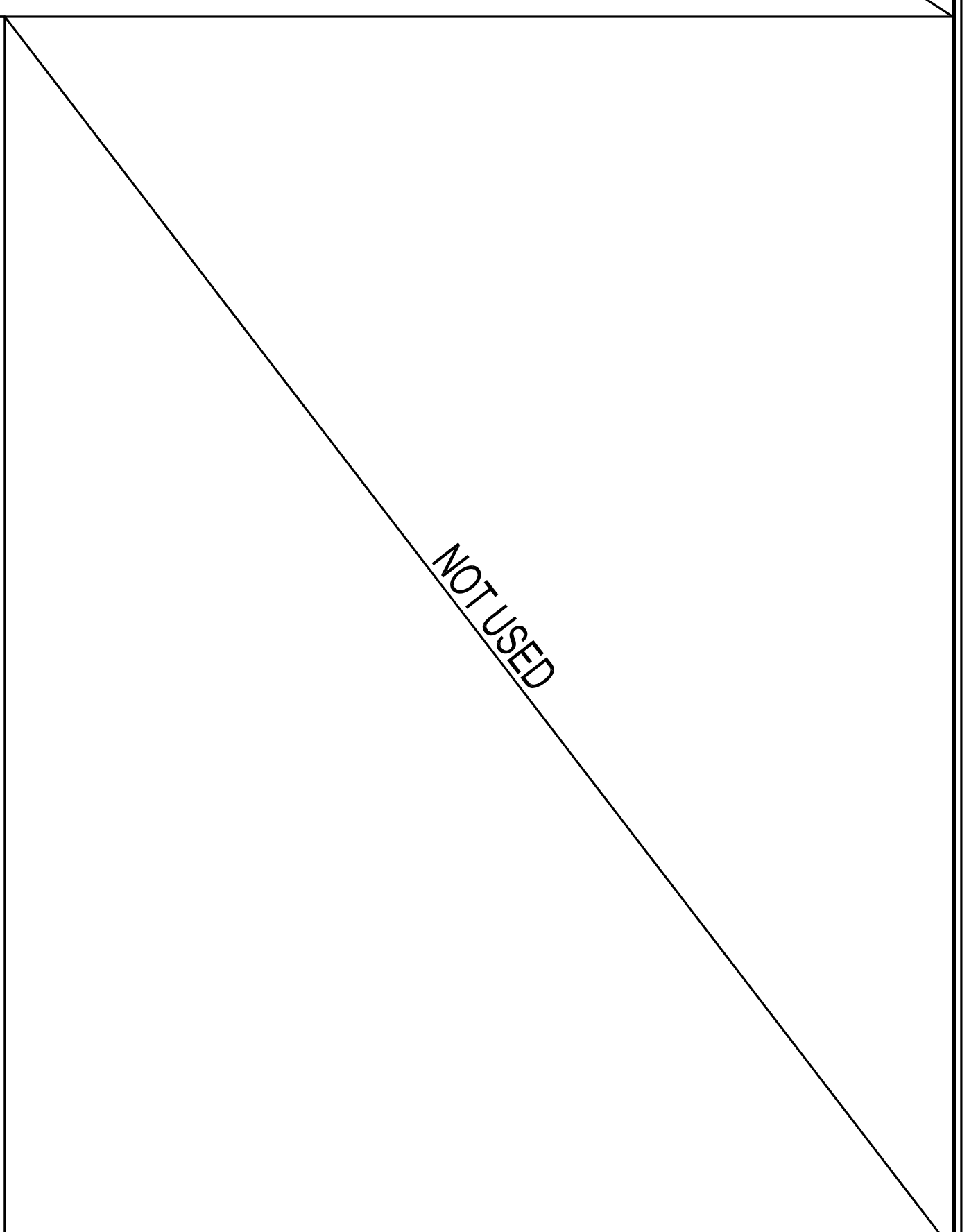
Submitted	Revision	Date	By
No.	Description		
-	PERMIT SUBMITTAL	12/14/2011	JM

Architect's Stamp	

Drawing Title	
SITE PLAN, OCCUPANT LOAD & EXITING DIAGRAM	
Job Number	118208
CADD Path	DD/A-11
Drawn By	JM / JM
Checked By	DPK
Sheet Number	A-1.1



Stephen E. Harriman A.I.A. & Associates  
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 1801 Oakland Blvd, Suite 300  
 Walnut Creek, California 94590  
 Fax: 925-938-8132

**Dayita**  
 DAYITA'S TENANT IMPROVEMENTS  
 FOR  
 DAVITA, INC.  
 405 Power Parkway  
 Delano, California

Submitted	Revision	Date	By
No.	Description		
-	PERMIT SUBMITTAL	12/14/2011	JM

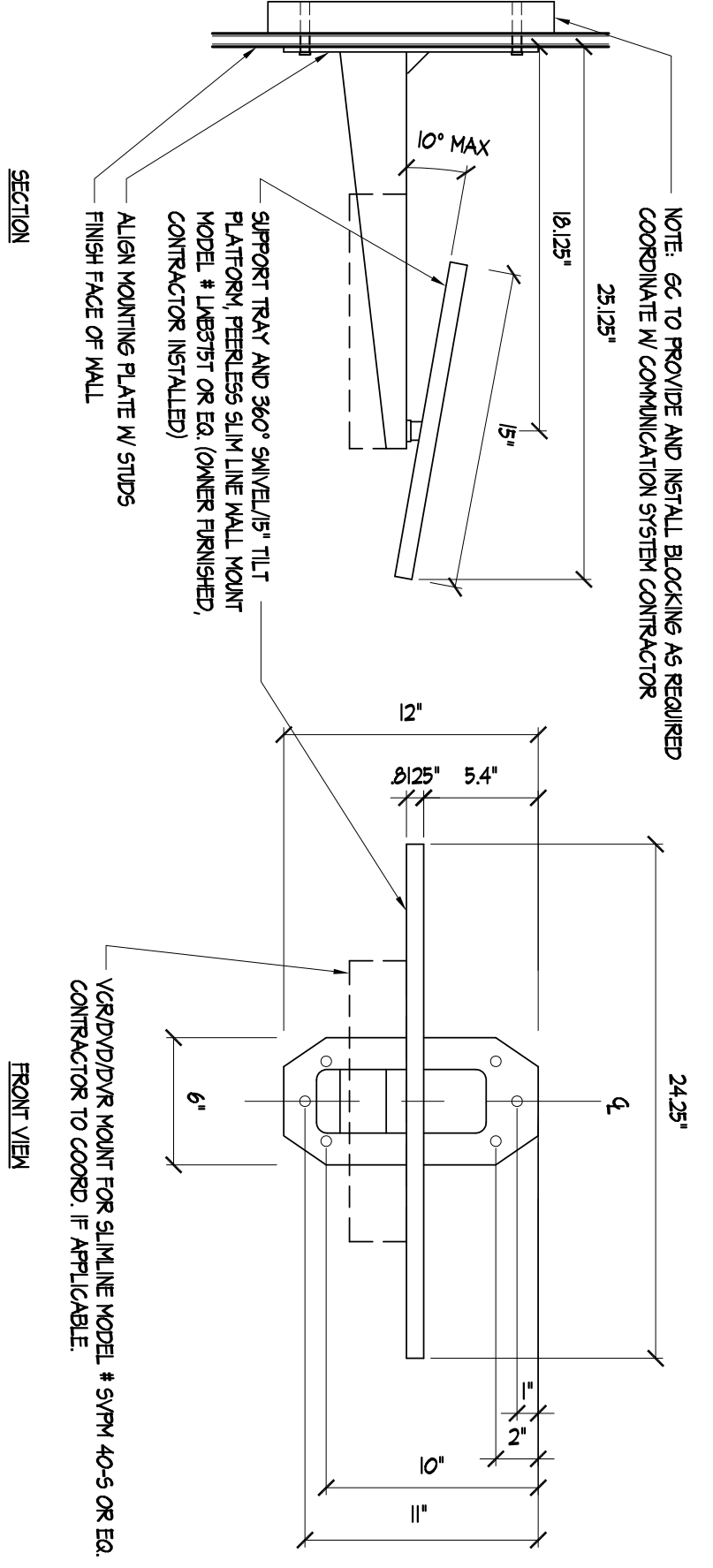
Architect's Stamp

Job Number: 118208  
 CADD Path: D0/A-10.1  
 Drawn By: JM / JH  
 Checked By: DPK

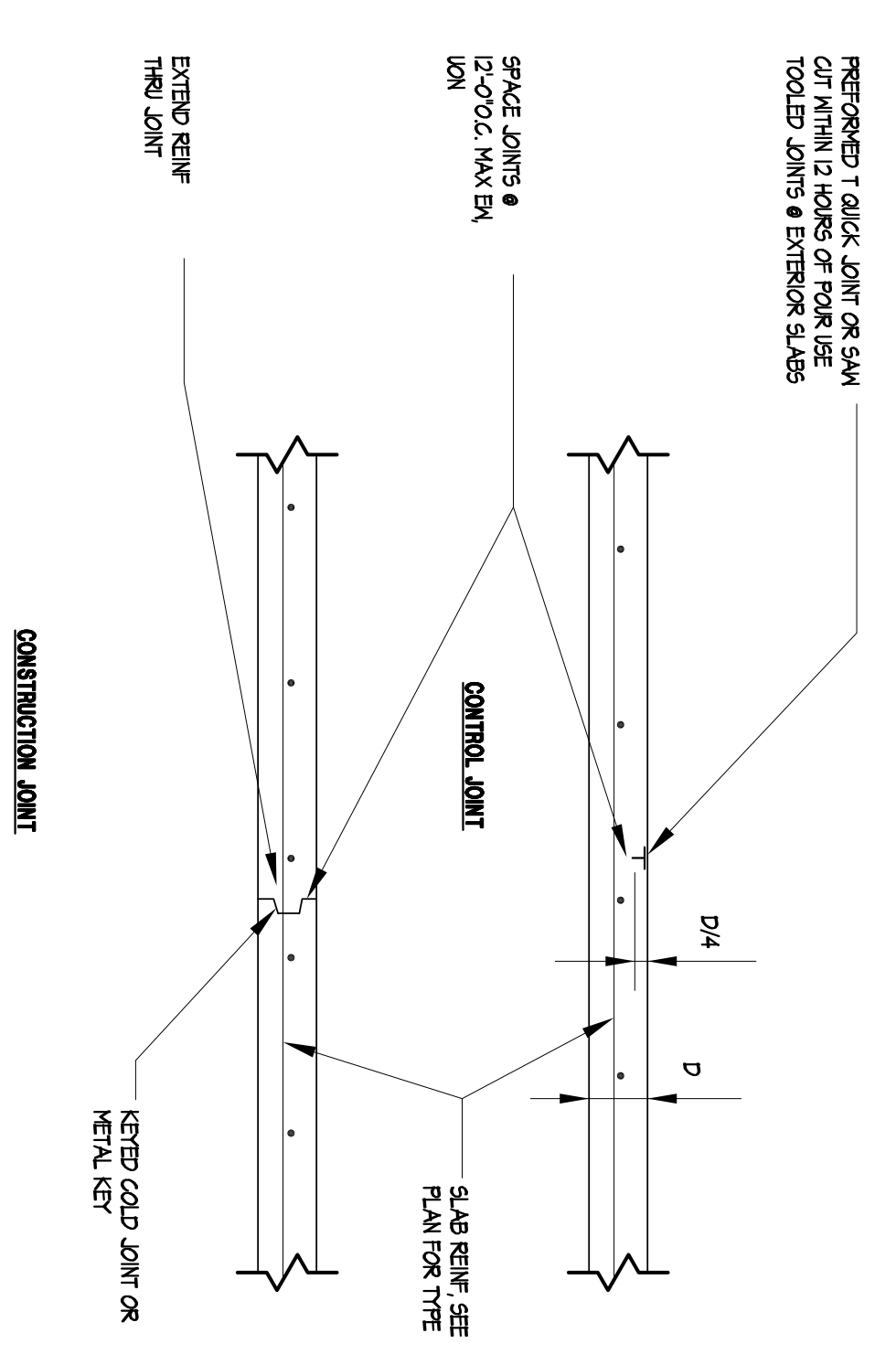
Sheet Number: **A-10.1**

**WALL ASSEMBLIES/  
 FIRE RATED ASSEMBLIES**

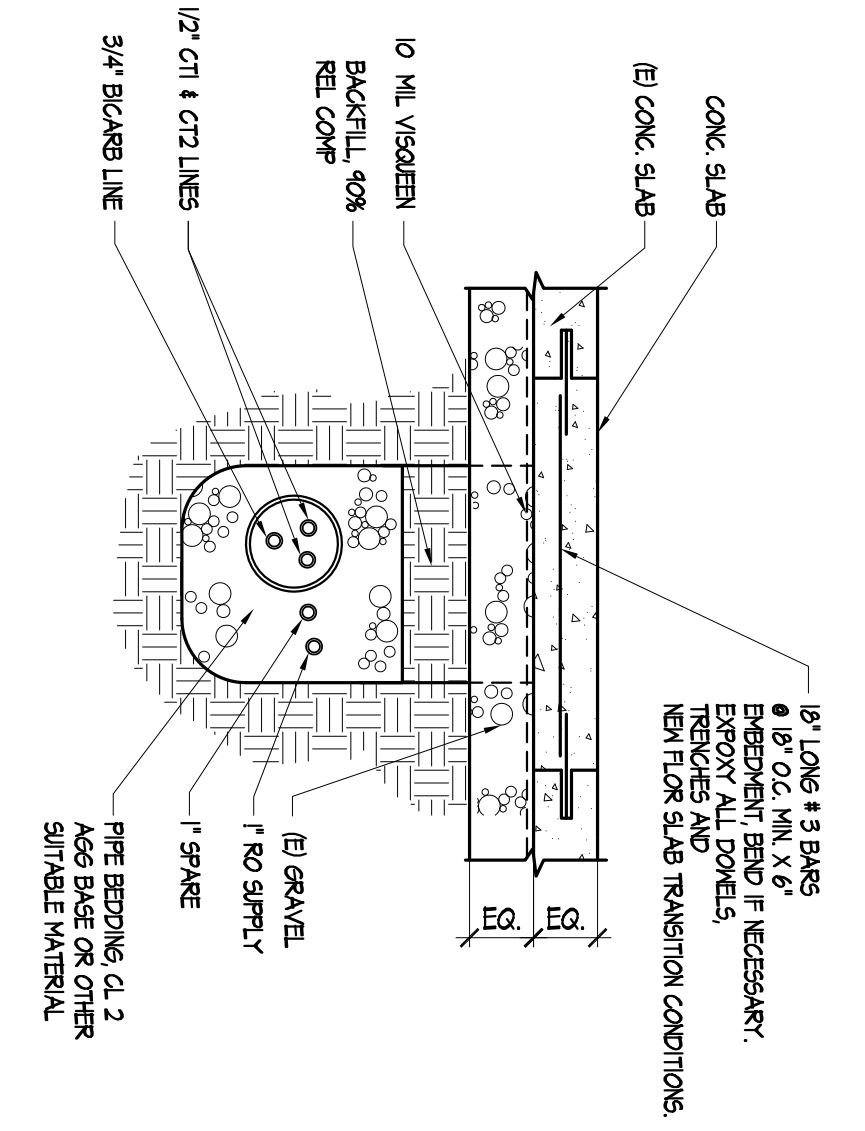
BUILDING PERMIT SUBMITTAL



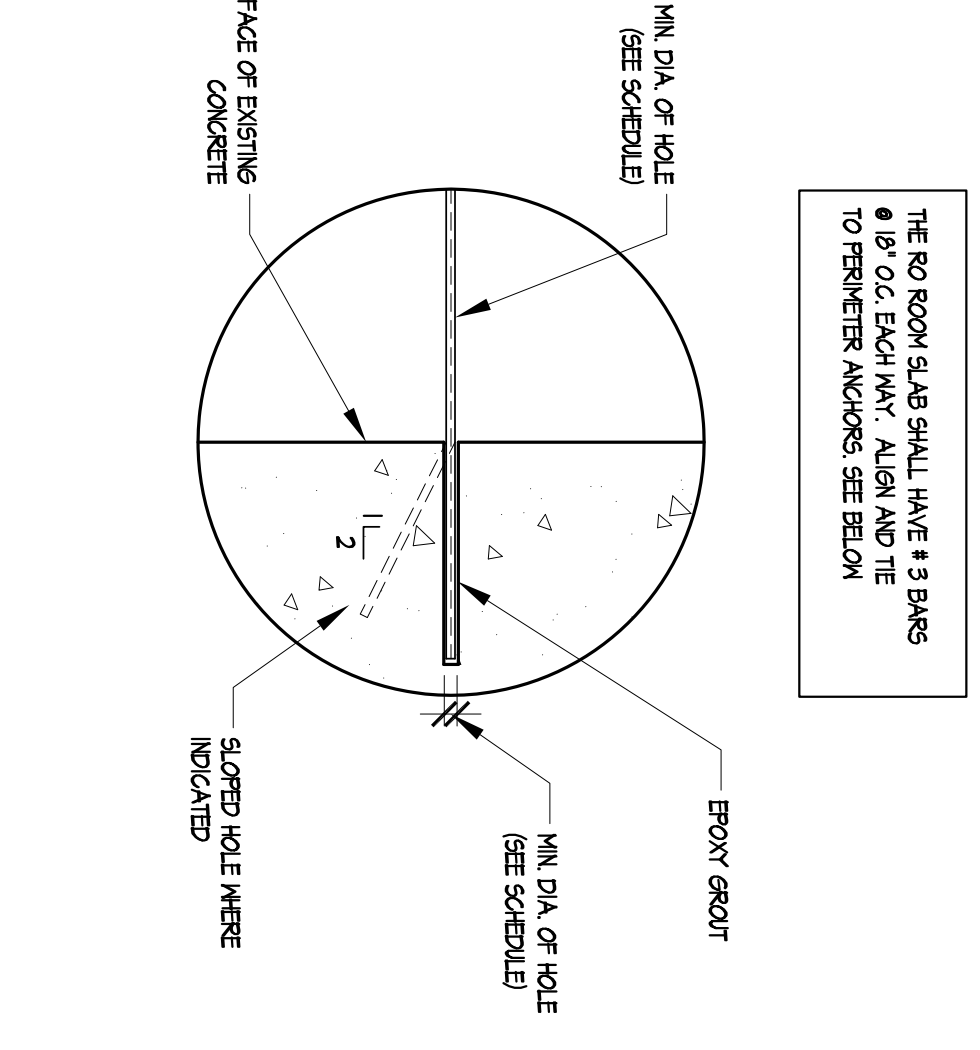
19 WALL MOUNT TV BRACKET  
SCALE: 1/2\"/>



18 SLAB ON GRADE JOINTS  
SCALE: NOT TO SCALE



17 UTILITY TRENCH INSTALLATION  
SCALE: 1/2\"/>



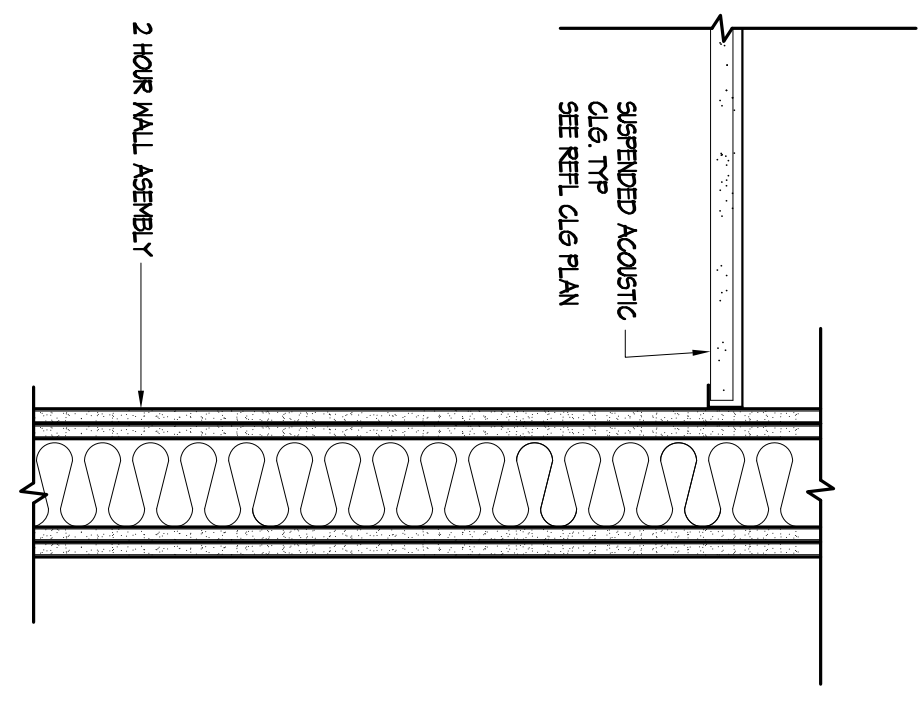
THE NO. ROOM SLAB SHALL HAVE 3 BARS @ 0.2' EACH WAY. ALSO ADJUST TO OVERLAP JOINTS. SEE DETAIL.

PROCESSES:

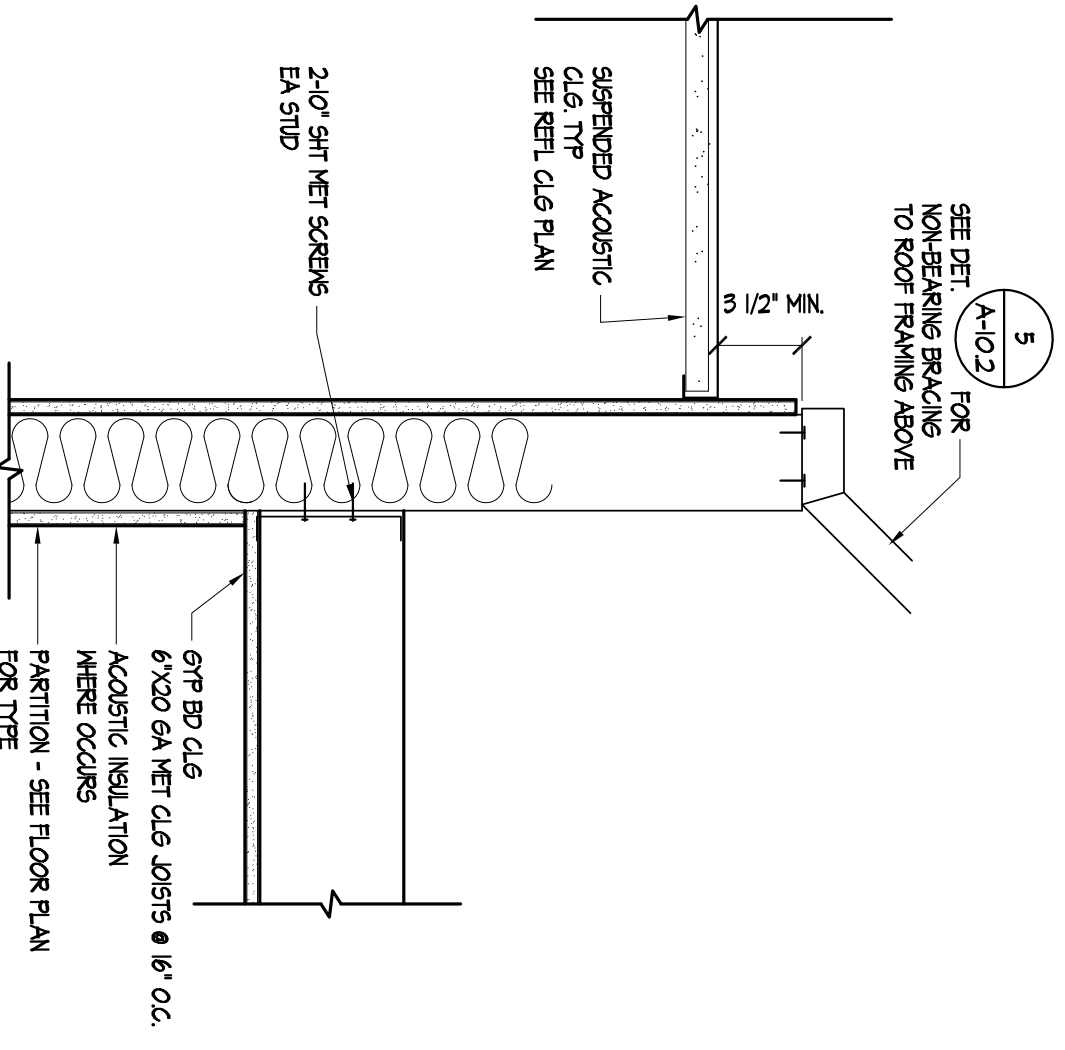
- DRILL HOLE OF PROPER DIAMETER AND DEPTH USING A CARBIDE TIP DRILL BIT AND AN EPoxy MIXED SHELL BY RELIABLE HOLE SLURRY.
- CLEAN HOLE THOROUGHLY BY VACUUM OR AIR PRESSURE.
- WAXE SHEET THAT HOLE IS DRY AND CLEAN BEFORE GROUTING.
- PLACE EPoxy GROUT IN HOLE WITH CALIBRATED CONCRETE PLACEMENT FUNNEL AT BOTTOM TILL HOLE APPROX. 2/3 FULL.
- COAT DOWEL WITH SAME EPoxy GROUT AND INSERT INTO HOLE. TAP DOWEL TO REMOVE AIR BUBBLES. THE SIDES OF THE SLAB AND COMPLETELY FLUSH ALL JOINTS.
- REMOVE SUPPORT FROM DOWEL BY TYPING TO REBAR OR OTHER ELEMENT UNTIL GROUT HAS CURED.
- EPoxy GROUT SHALL BE COA. GEL BY COVER OPERATING LOGS APPROVED DOWEL. MIX-CURED BY MULTI-COPE (100% 4000) OR APPROVED DOWEL. MIX-CURED BY MULTI-COPE (100% 4000) ON 8. METAL DOWELS AT 18\"/>

ROD SIZE	BAR SIZE	MIN. DIA.	MIN. DEPTH
5/8"	#4	1 1/2"	5 1/4"
1/2"	#4	5/8"	6 5/8"
5/8"	#4	5/4"	1 1/2"
5/4"	#6	1"	1"

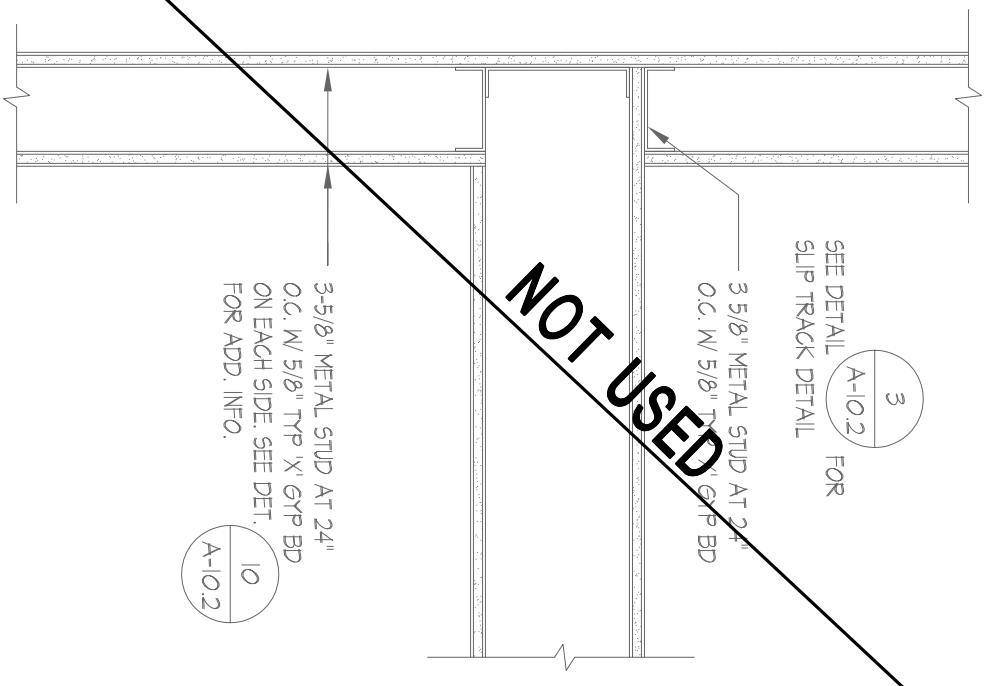
16 DOWELS @ EXISTING CONSTRUCTION (RO ROOM SLAB)  
SCALE: NOT TO SCALE



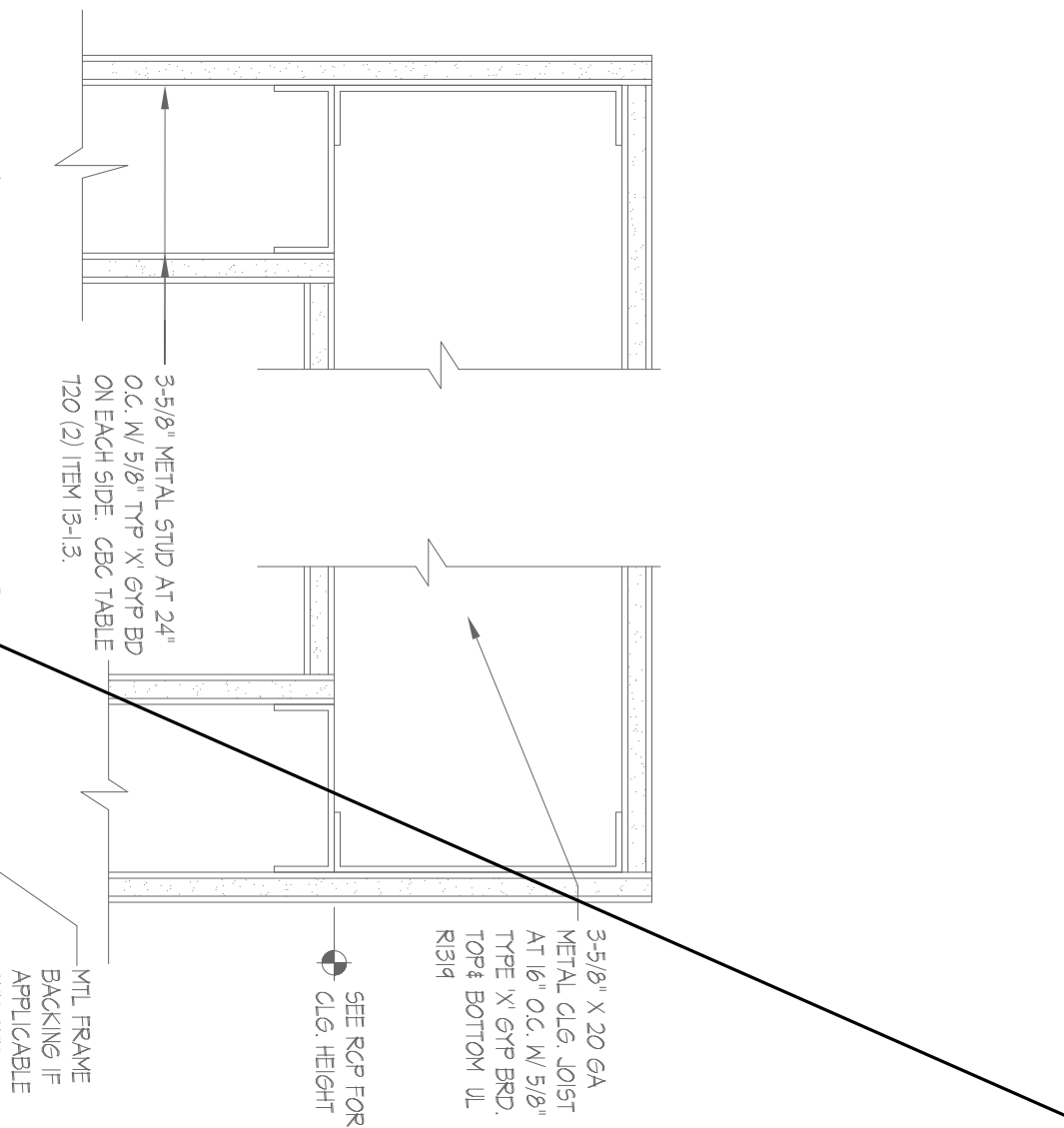
14 2 HOUR WALL & EXPOSED ROOF FRAMING  
SCALE: 1/2\"/>



13 TYP. PARTITION HEAD @ GYP. CLG.  
SCALE: 1/2\"/>



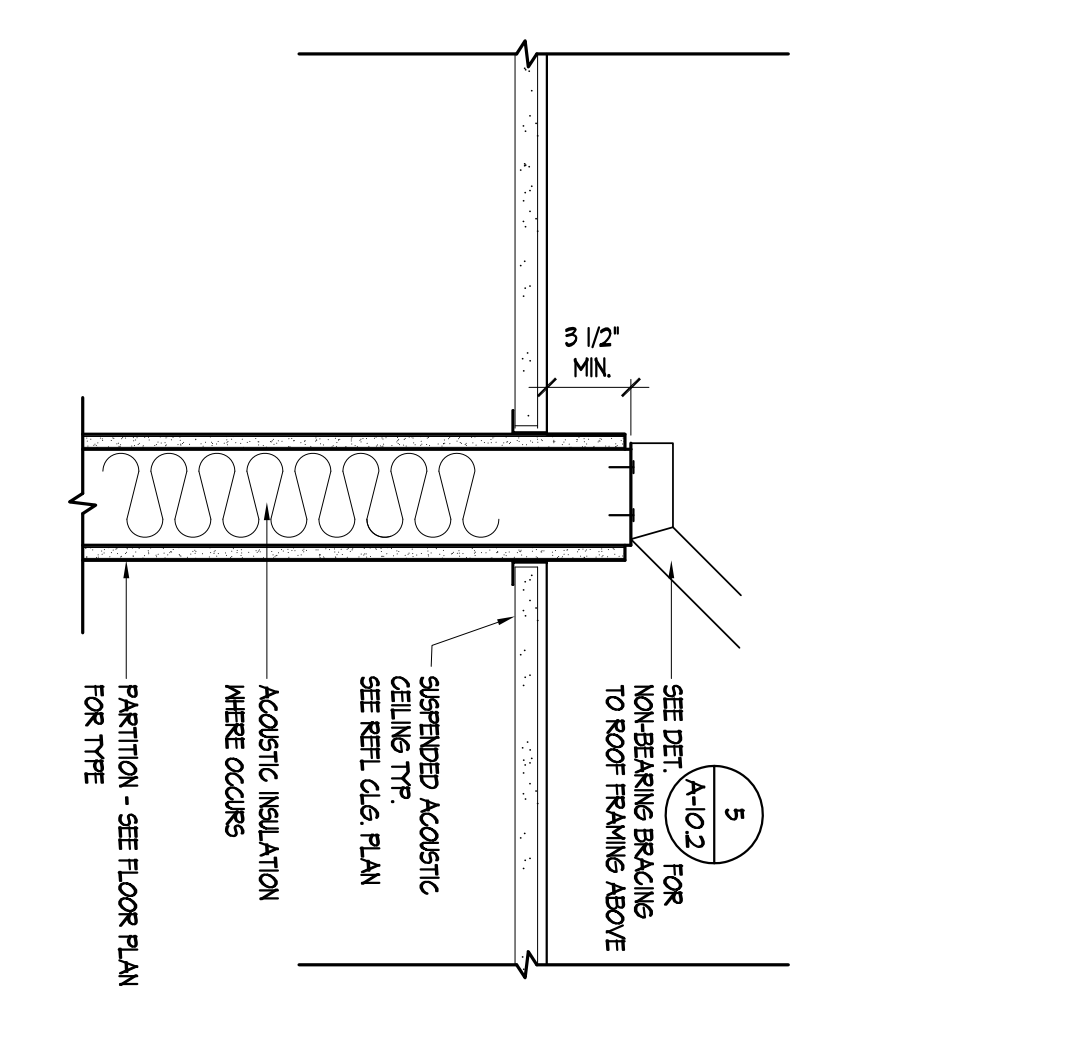
11 CONDITION @ 1 HOUR CORRIDOR & EXPOSED ROOF FRAMING  
SCALE: 1/2\"/>



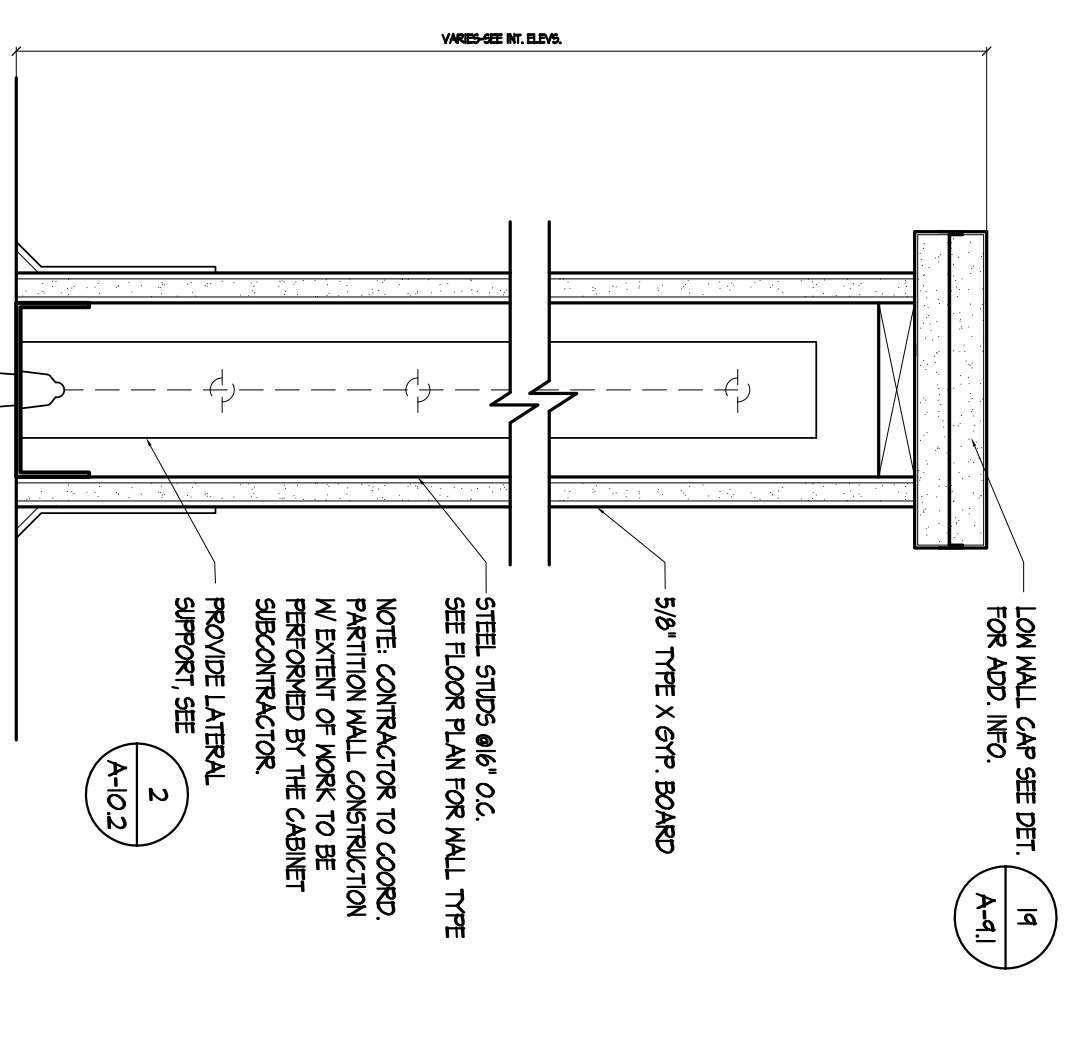
10 1-HR CORRIDOR  
SCALE: 1/2\"/>



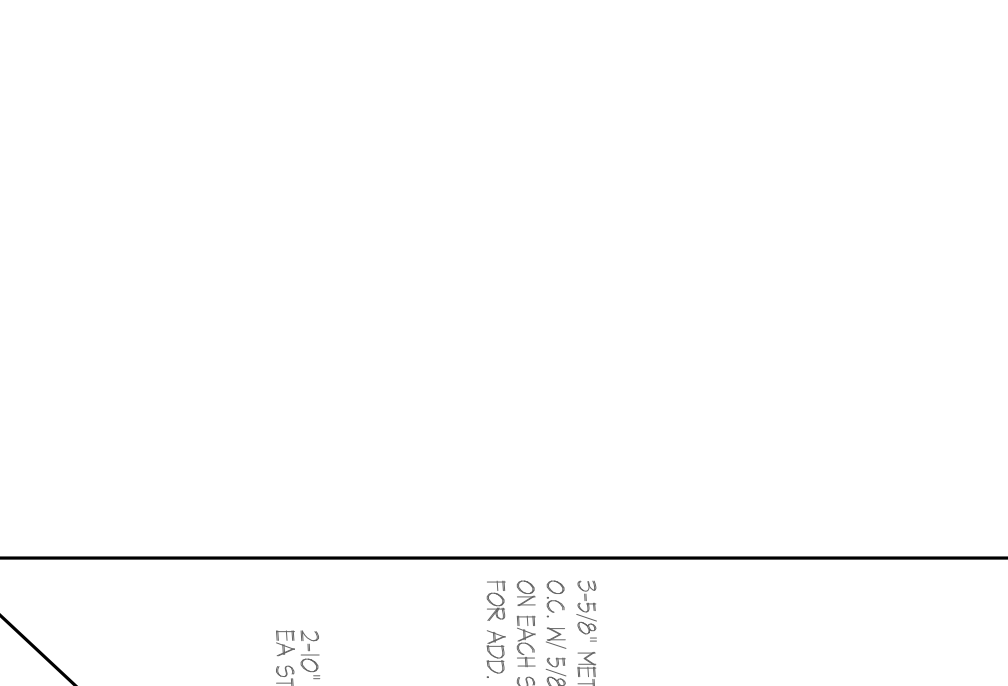
8 1 HOUR CORRIDOR & GYP. CEILING INTERSECTION  
SCALE: 1/2\"/>



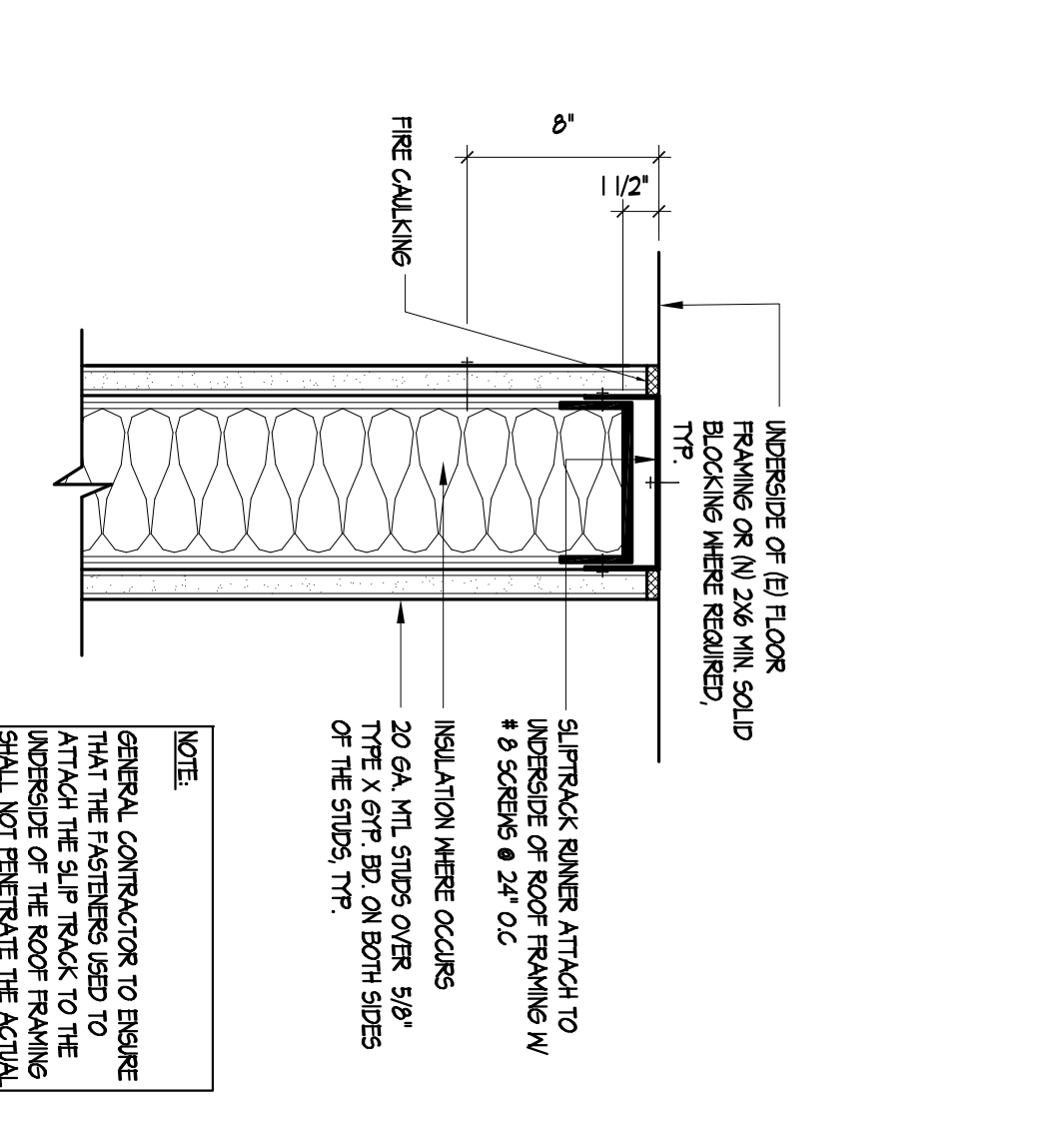
7 TYPICAL PARTITION HEAD  
SCALE: 1/2\"/>



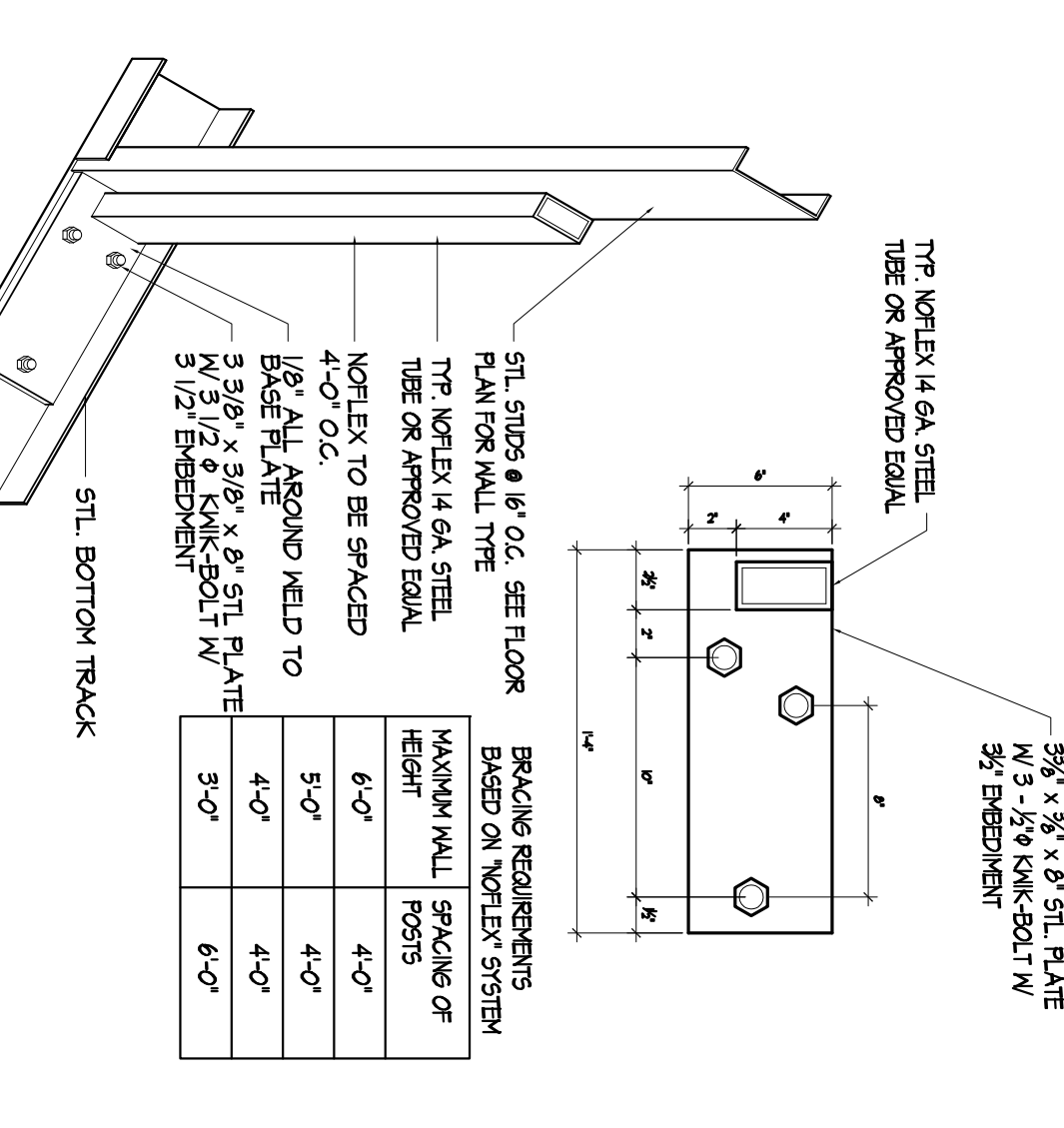
6 PARTIAL HEIGHT WALL  
SCALE: 1/2\"/>



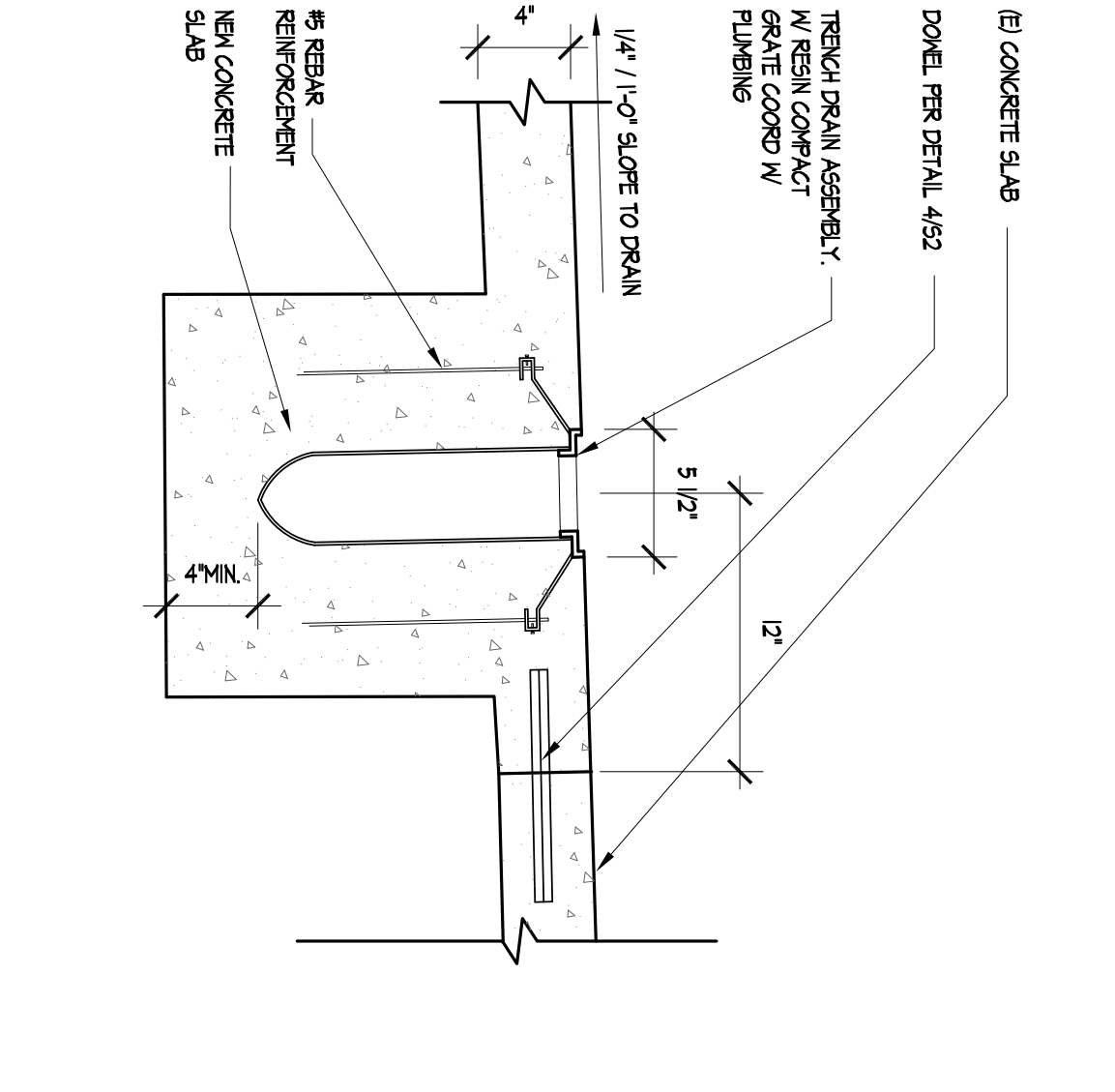
4 1 HOUR CORRIDOR & GYP. CEILING INTERSECTION  
SCALE: 1/2\"/>



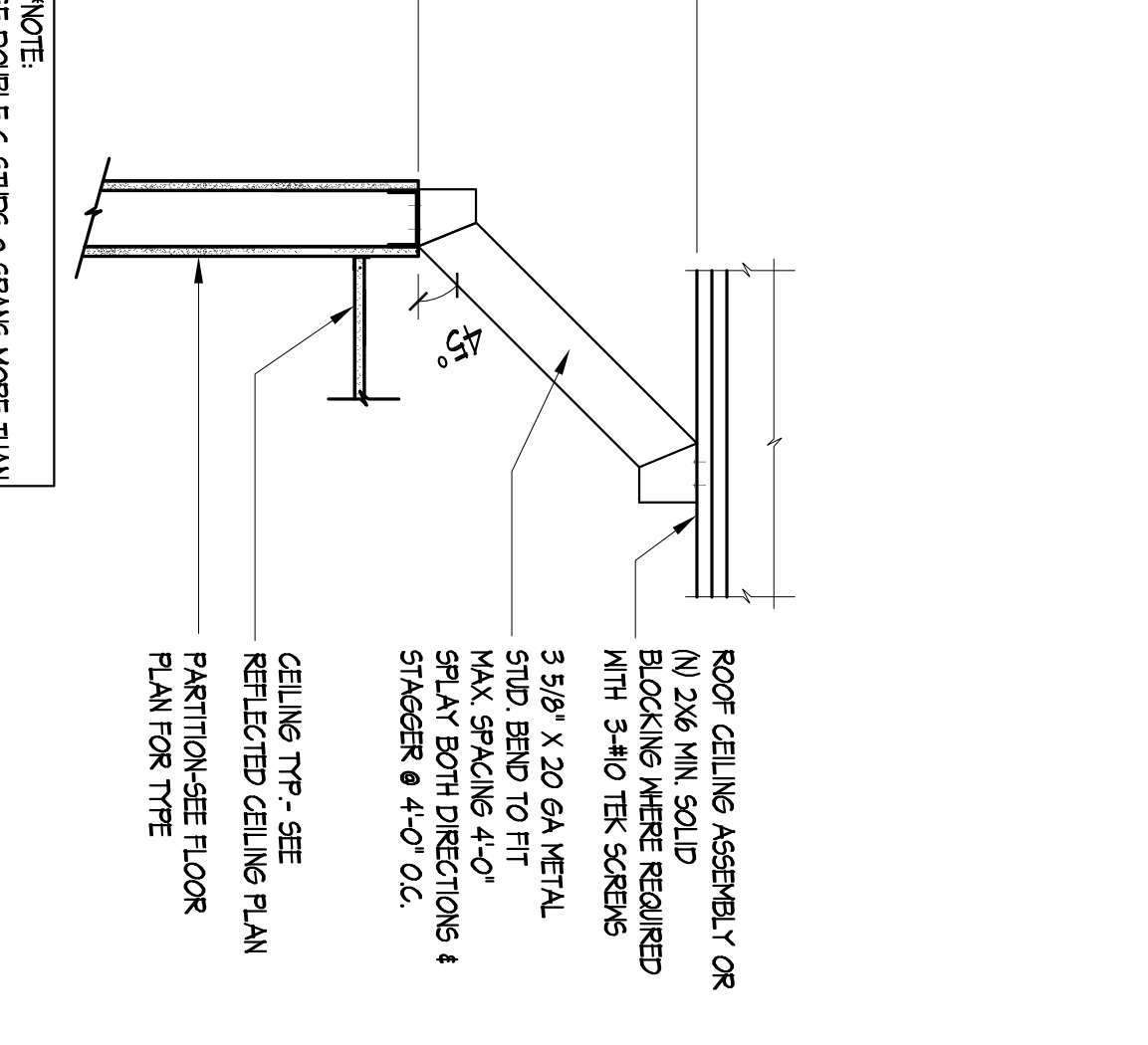
3 SLIP TRACK  
SCALE: 1/2\"/>



2 LOW PARTITION BRACING  
SCALE: NOT TO SCALE



9 TRENCH DRAIN  
SCALE: 1/2\"/>



5 WALL BRACING  
SCALE: 1/2\"/>

Limiting Span-Steel Stud Ceiling System (1)

Stud Spacing (On-C)	Simple Span (ft.-in.) (Uniform load-1)	Multiple and Partial Span (ft.-in.) (Uniform load-1)
24	5'-0"	5'-0"
18	5'-0"	5'-0"
12	5'-0"	5'-0"
6	5'-0"	5'-0"
3	5'-0"	5'-0"

1 STEEL STUD CEILING SYSTEM  
SCALE: 1/2\"/>

Stephen E. Harriman A.I.A. Architecture & Interior Design  
1901 Oakland Blvd., Suite 300  
Redwood Creek, California 94888  
Tel: 925-834-1160 Fax: 925-834-8132

**Davita**  
DIAGNOSIS, TREATMENT IMPROVEMENTS FOR  
DAVITA, INC.  
405 Power Parkway  
Palo Alto, California

Submitted	Description	Date	By
No.	PERMIT SUBMITTAL	12/14/2011	JM

Architect's Stamp

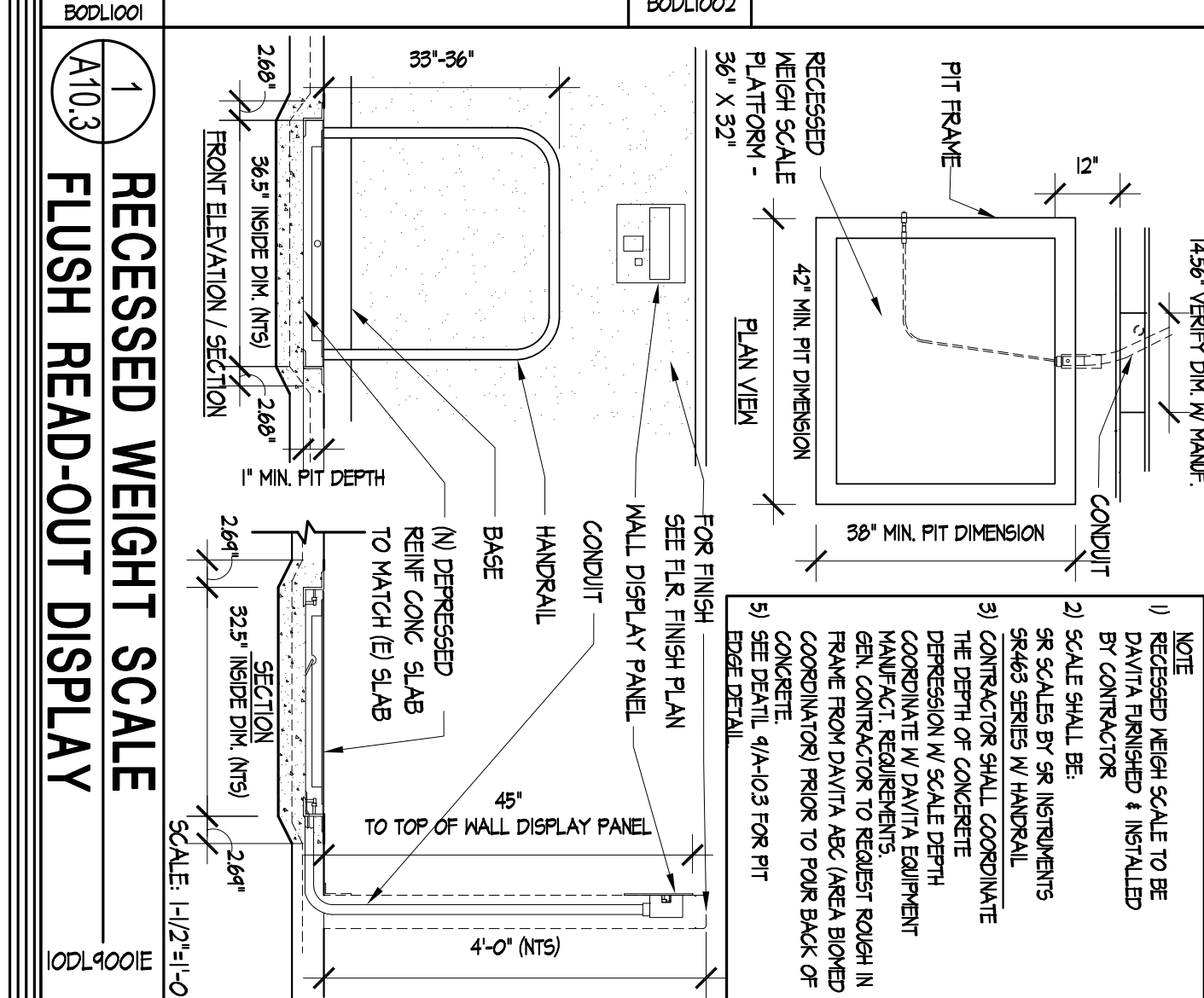
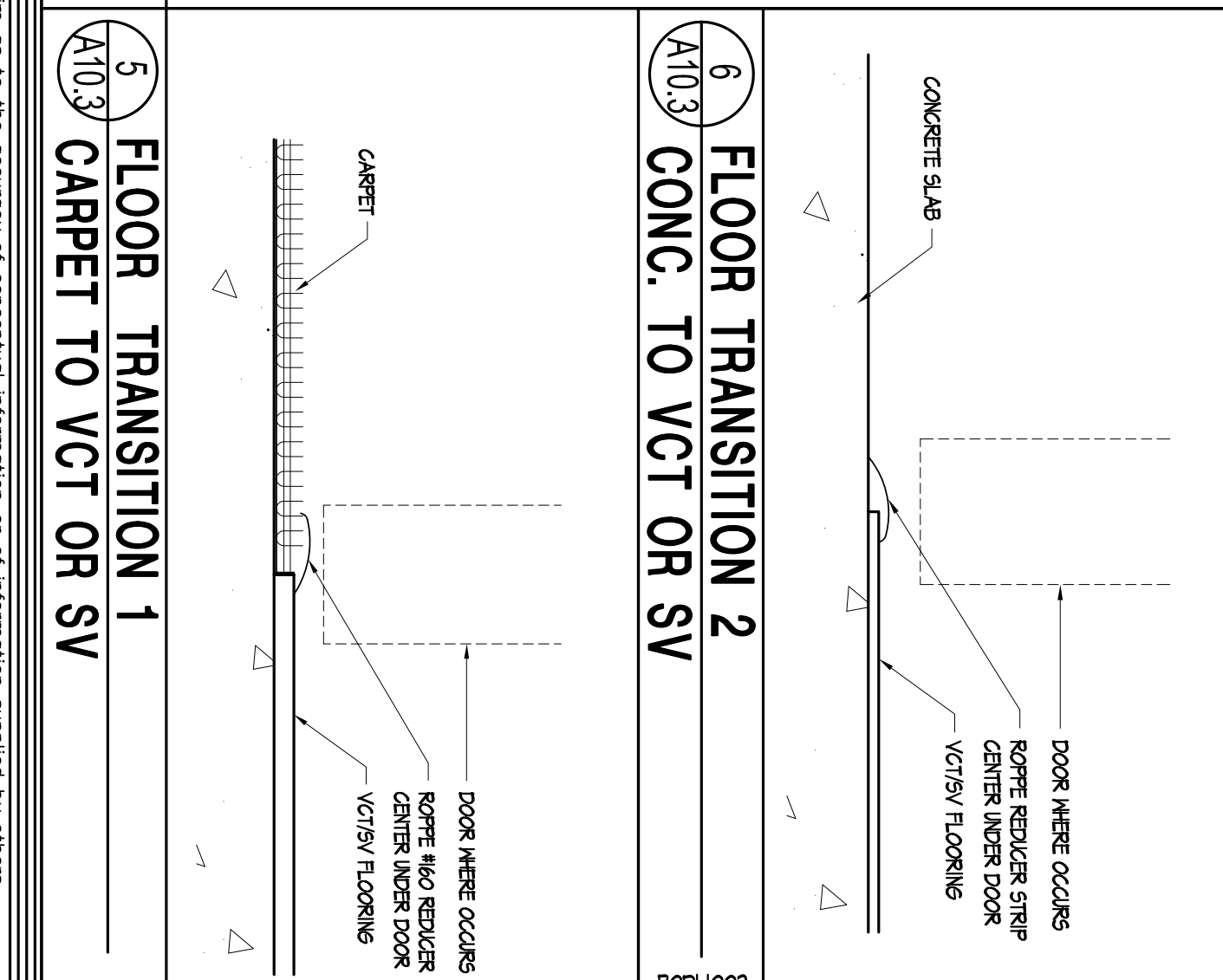
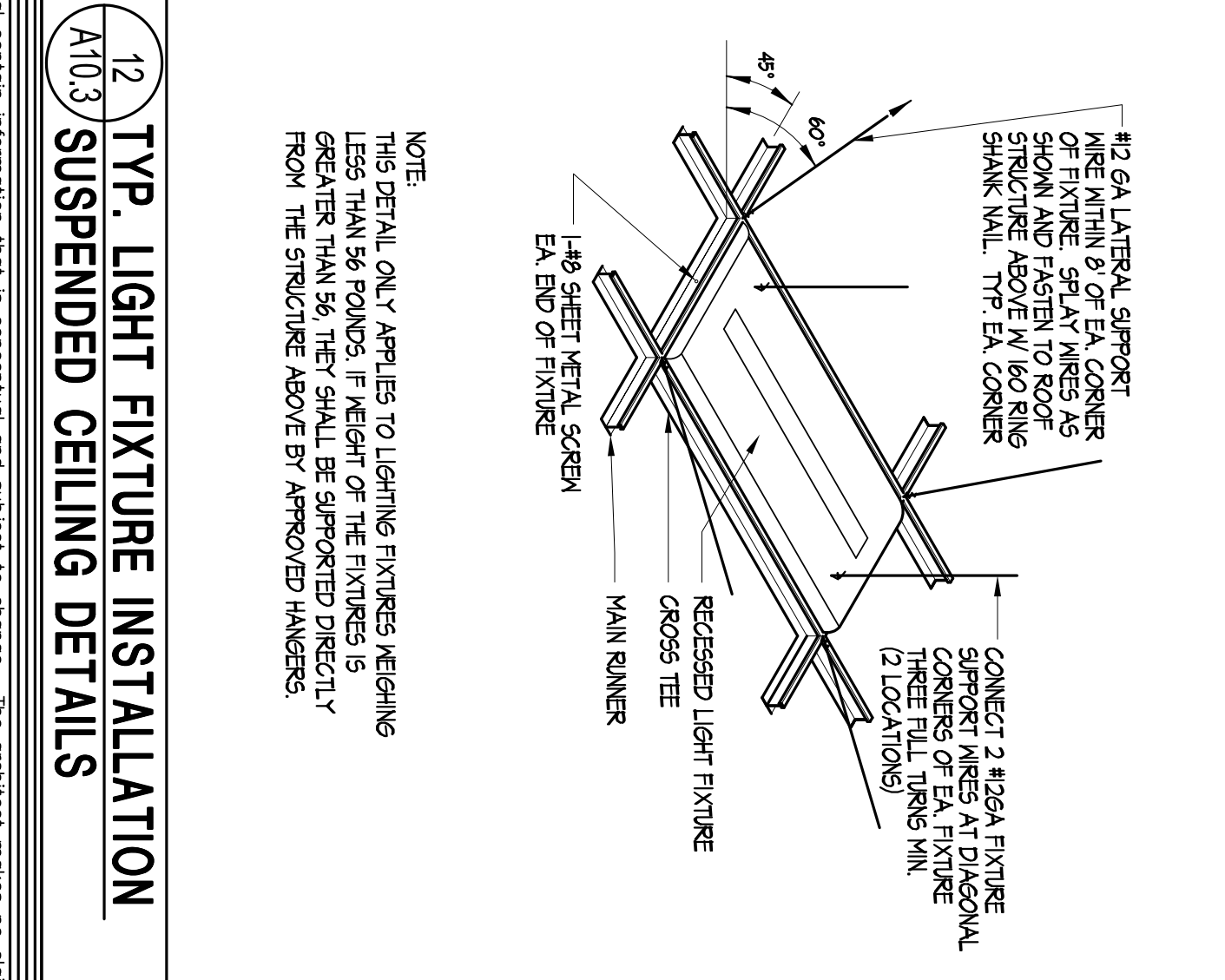
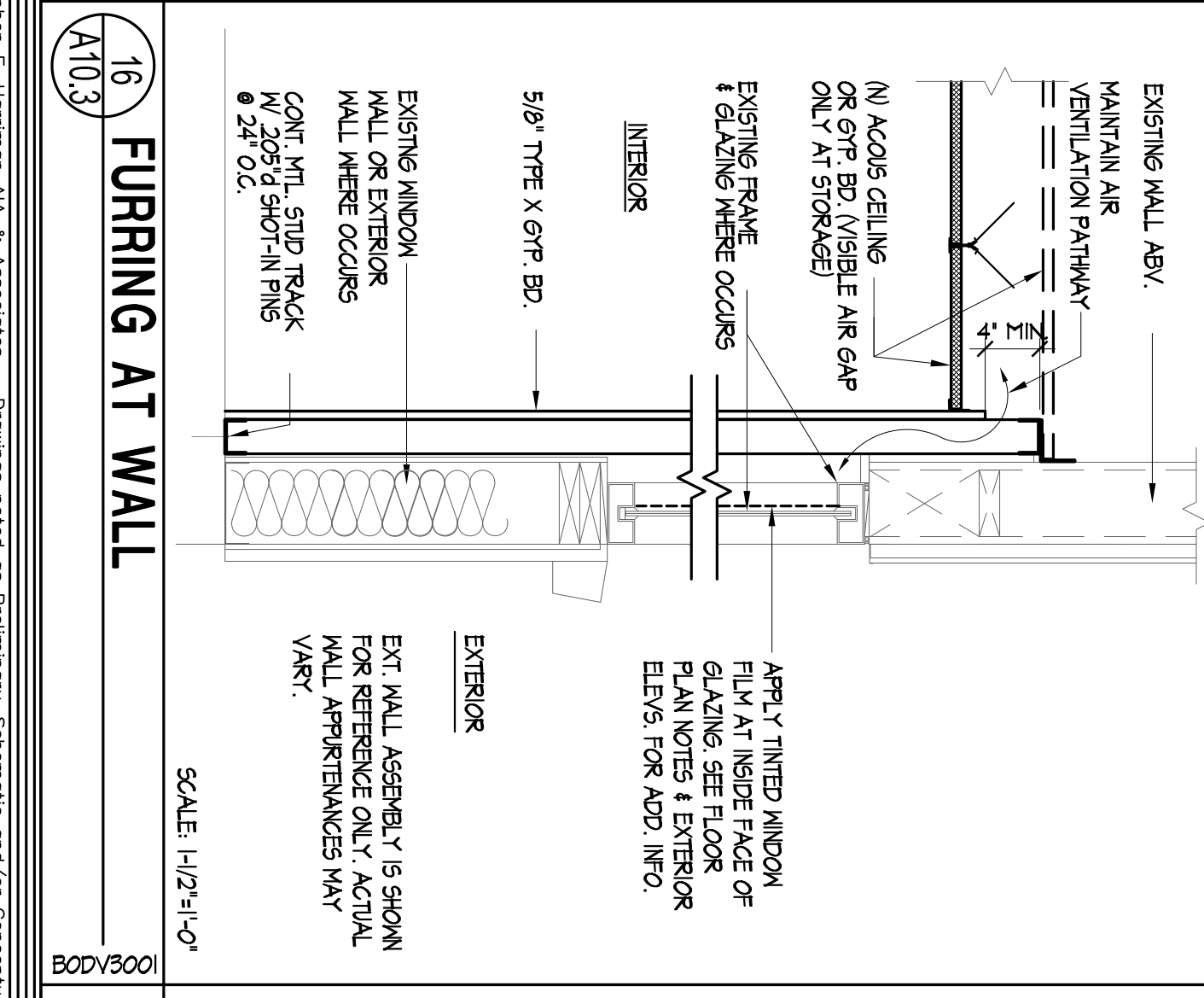
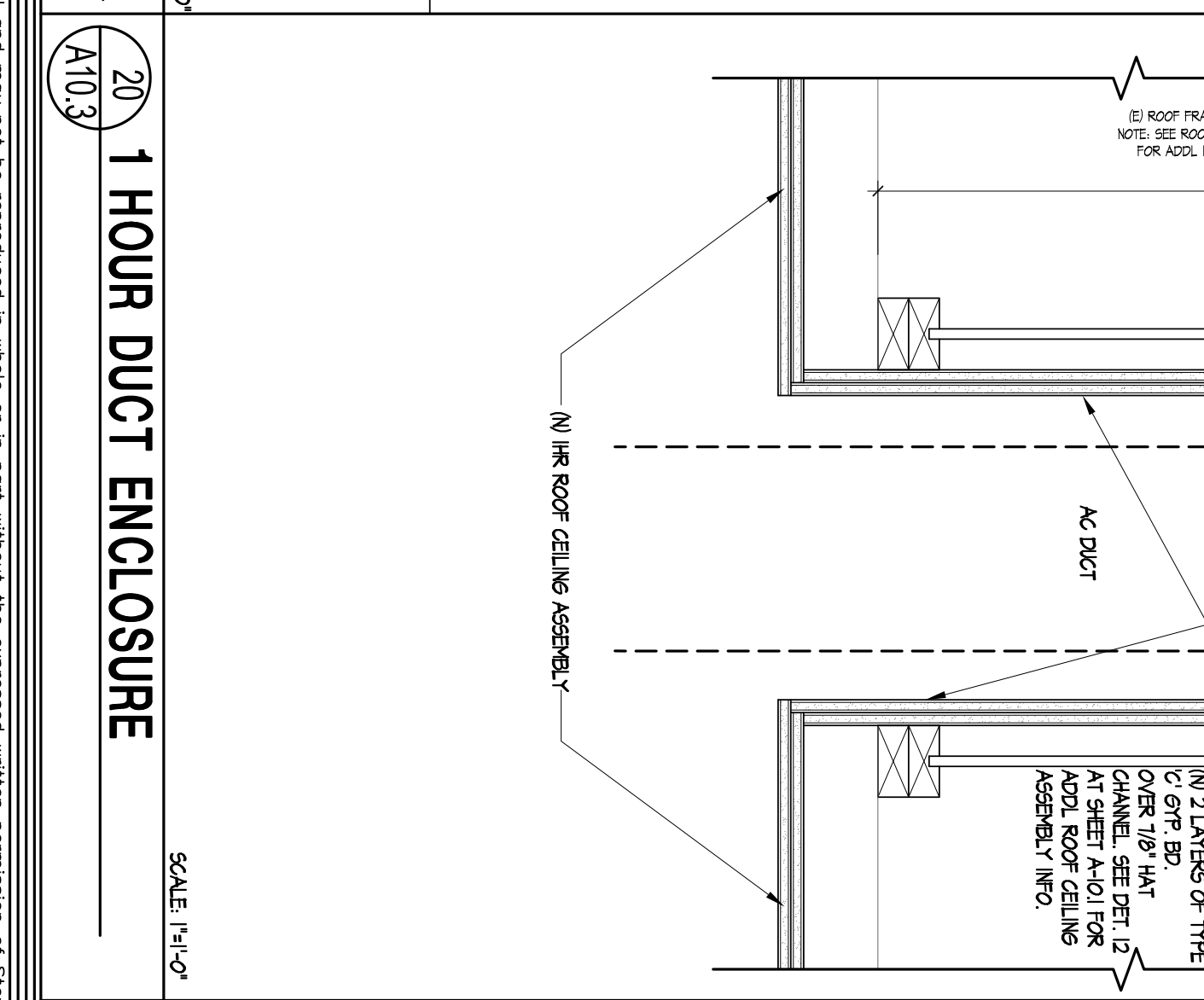
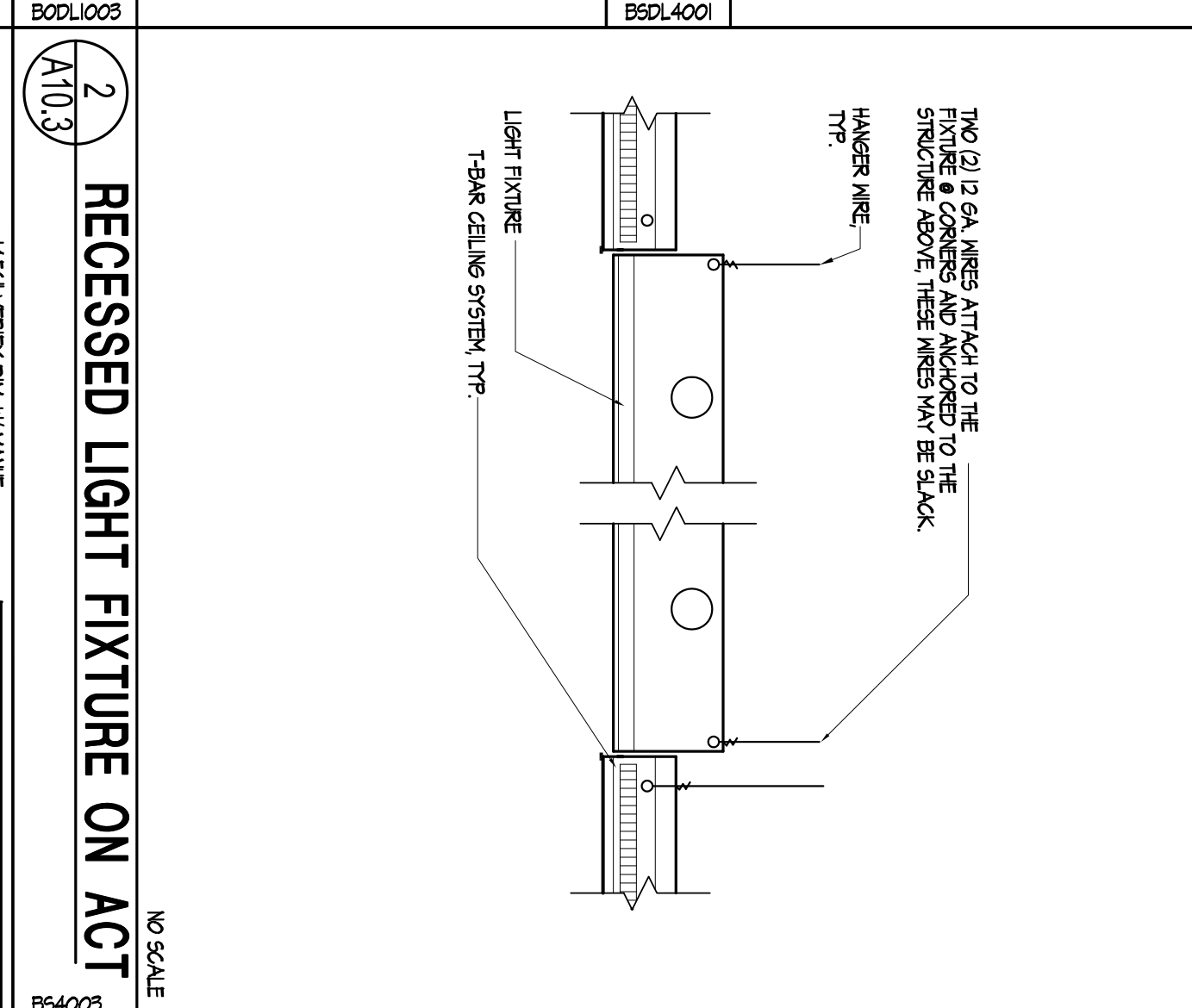
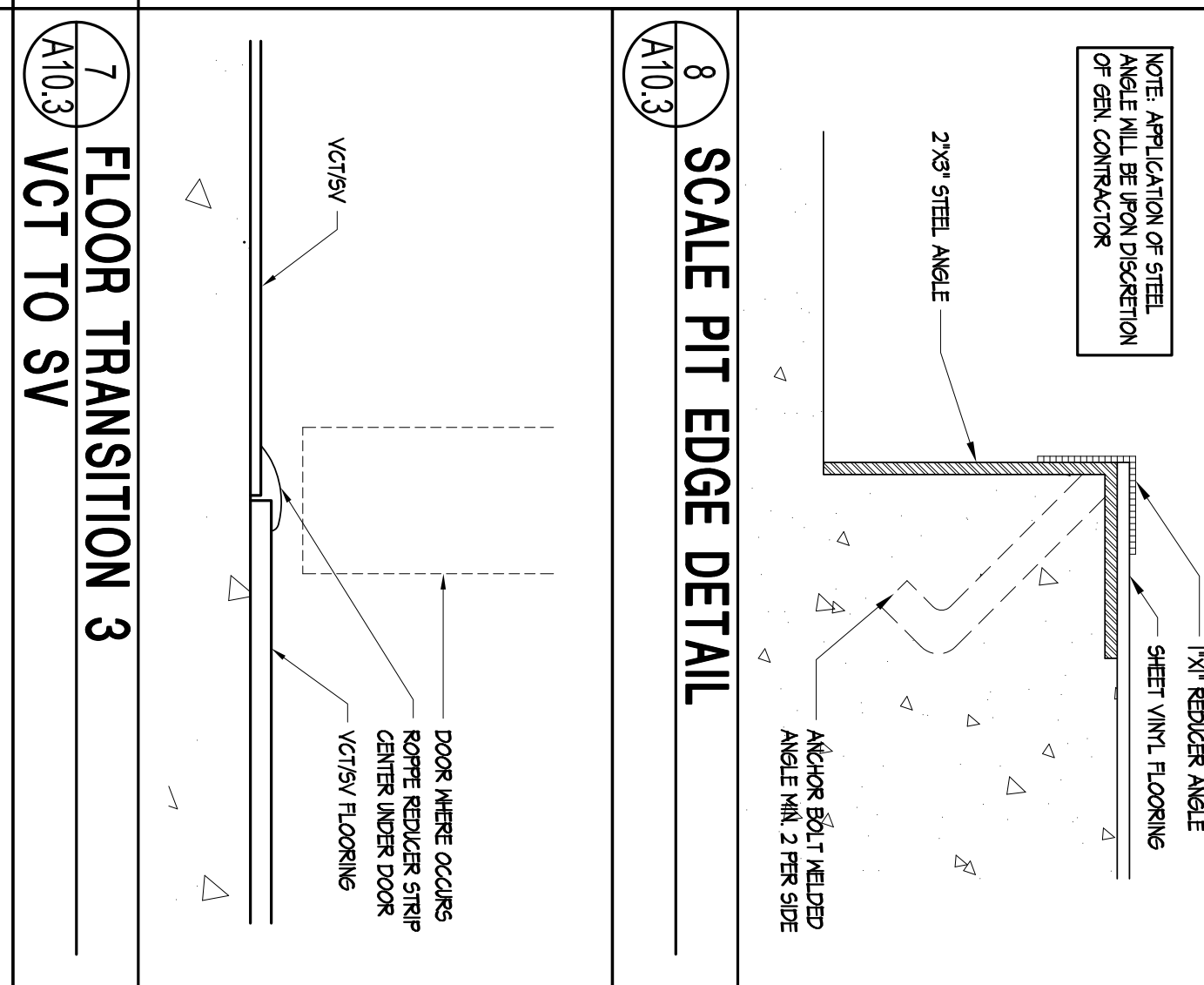
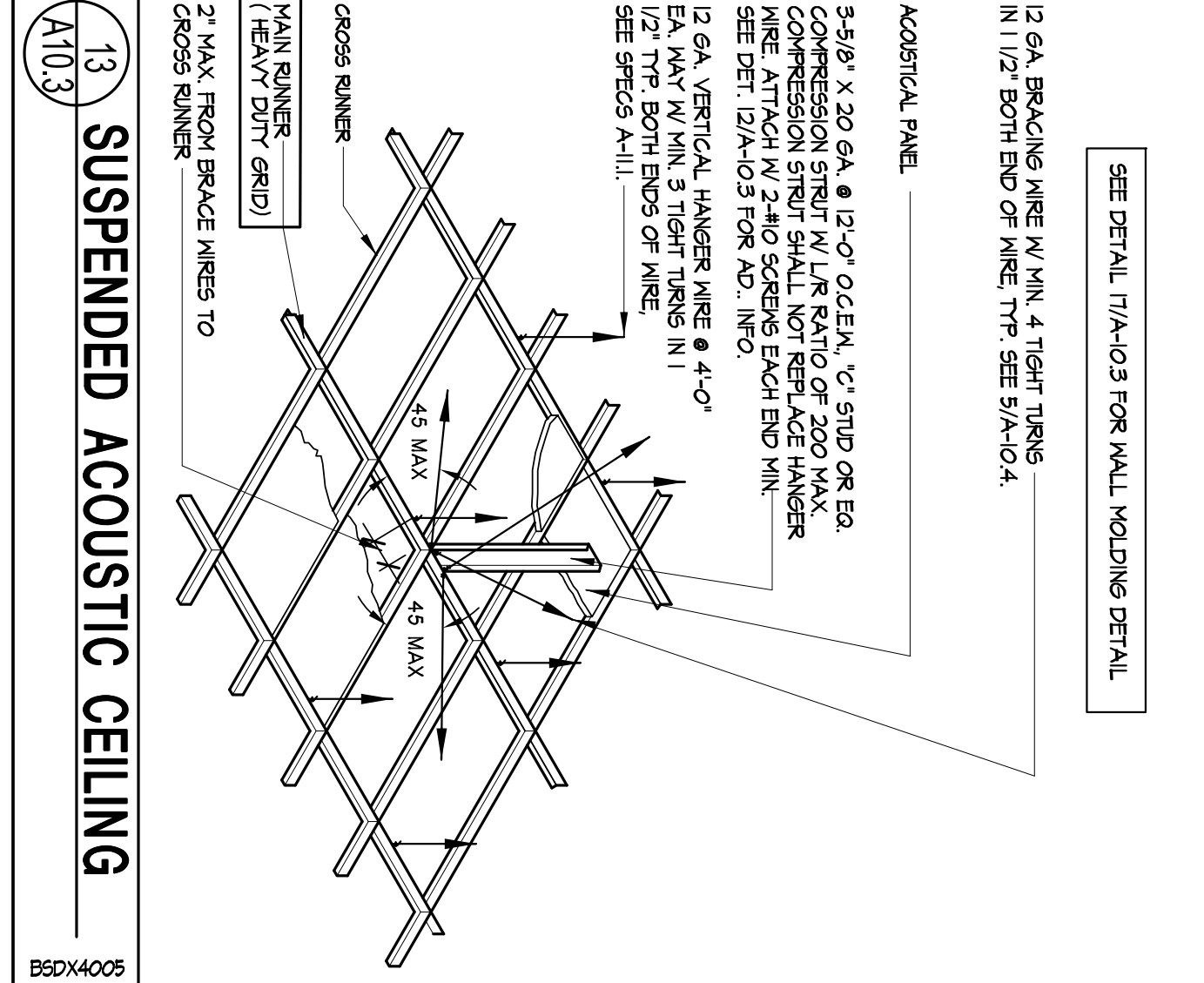
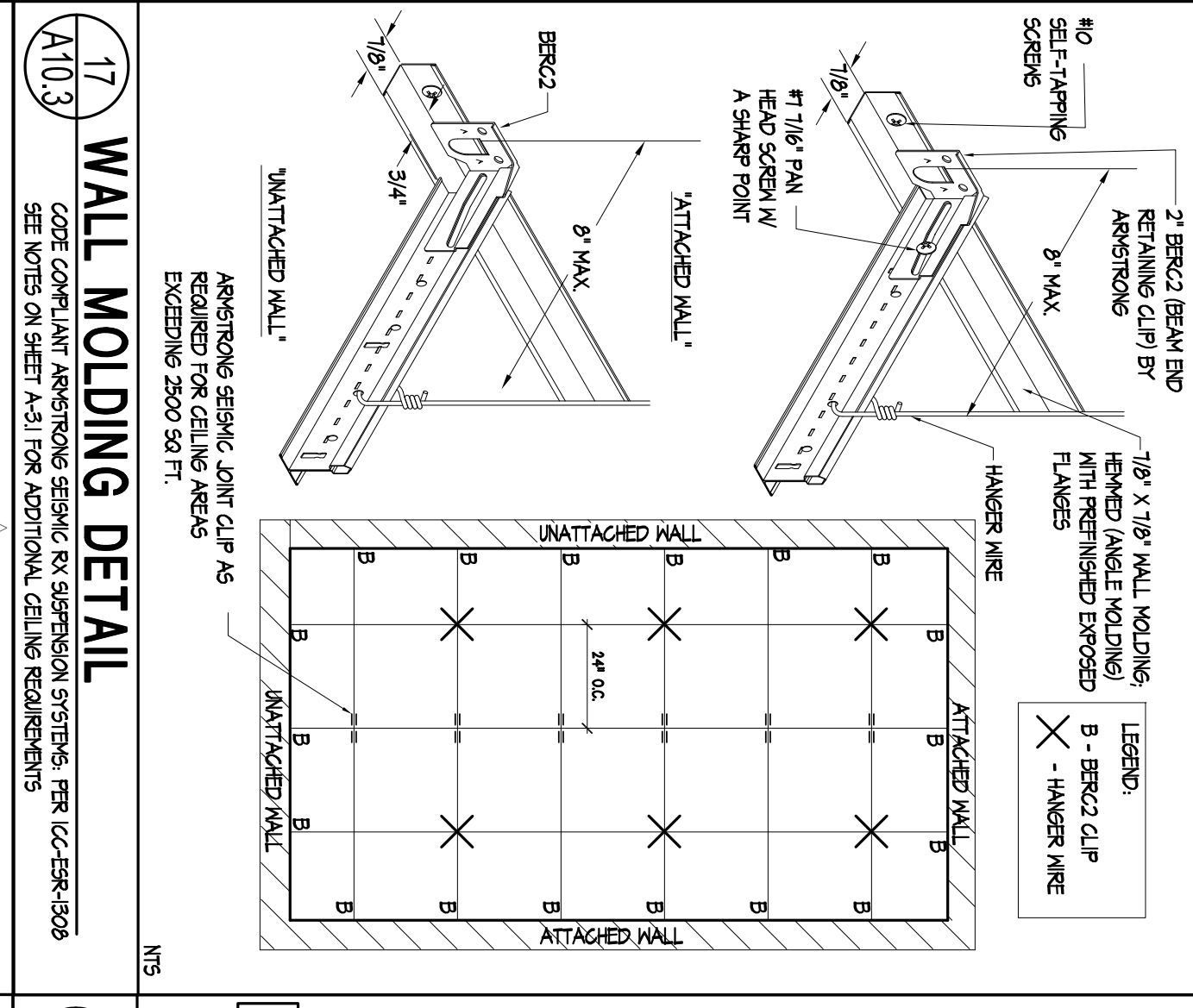
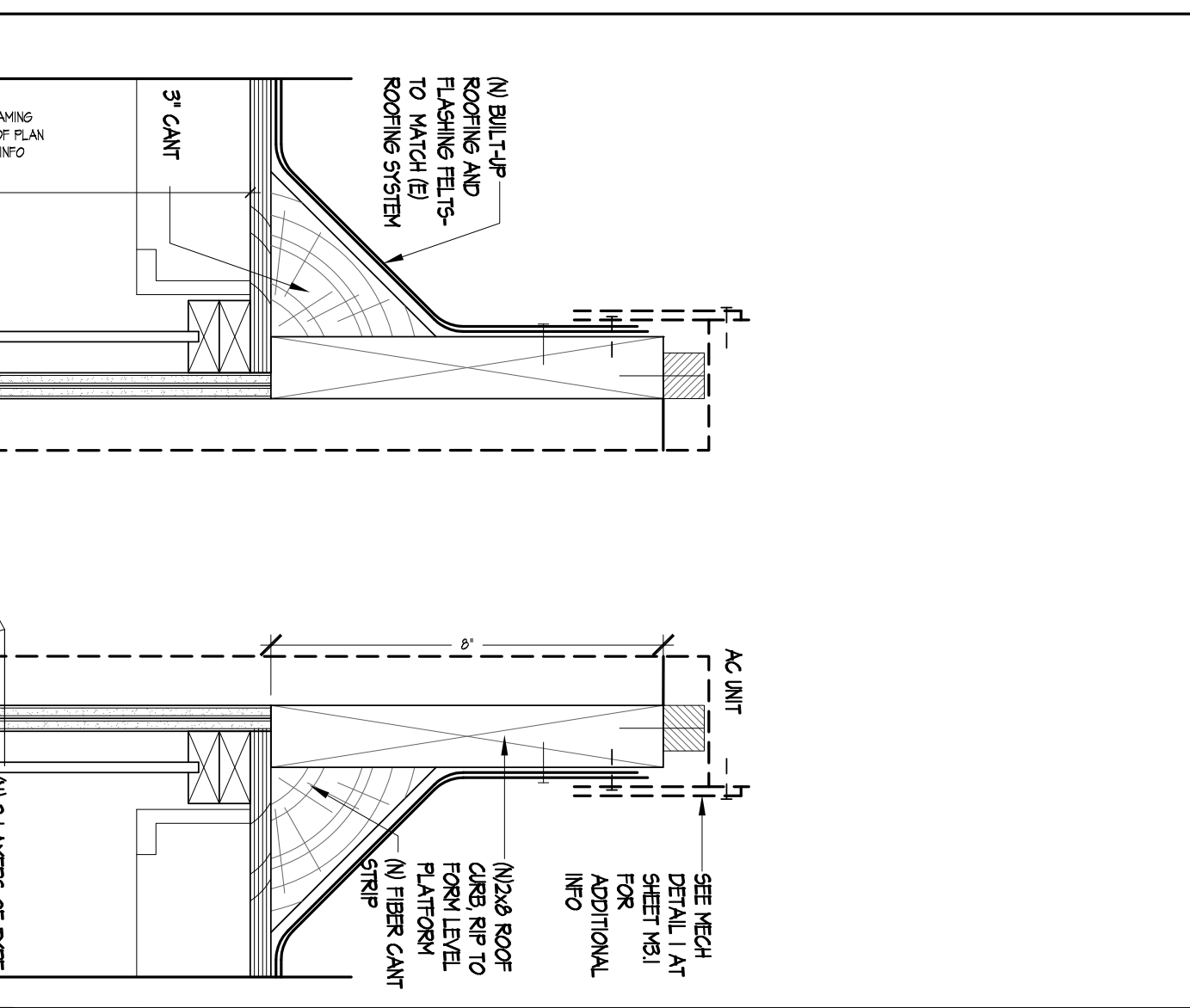
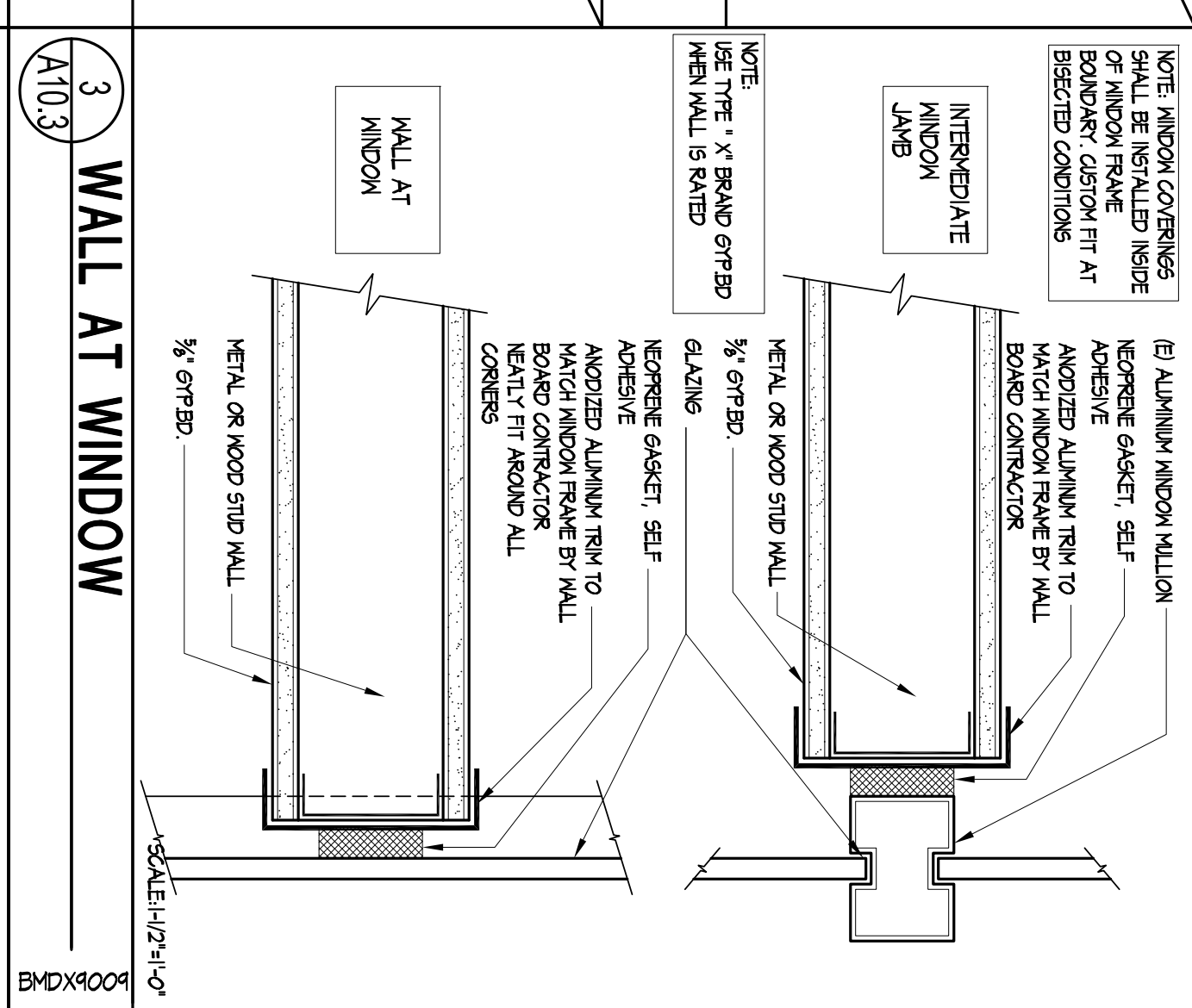
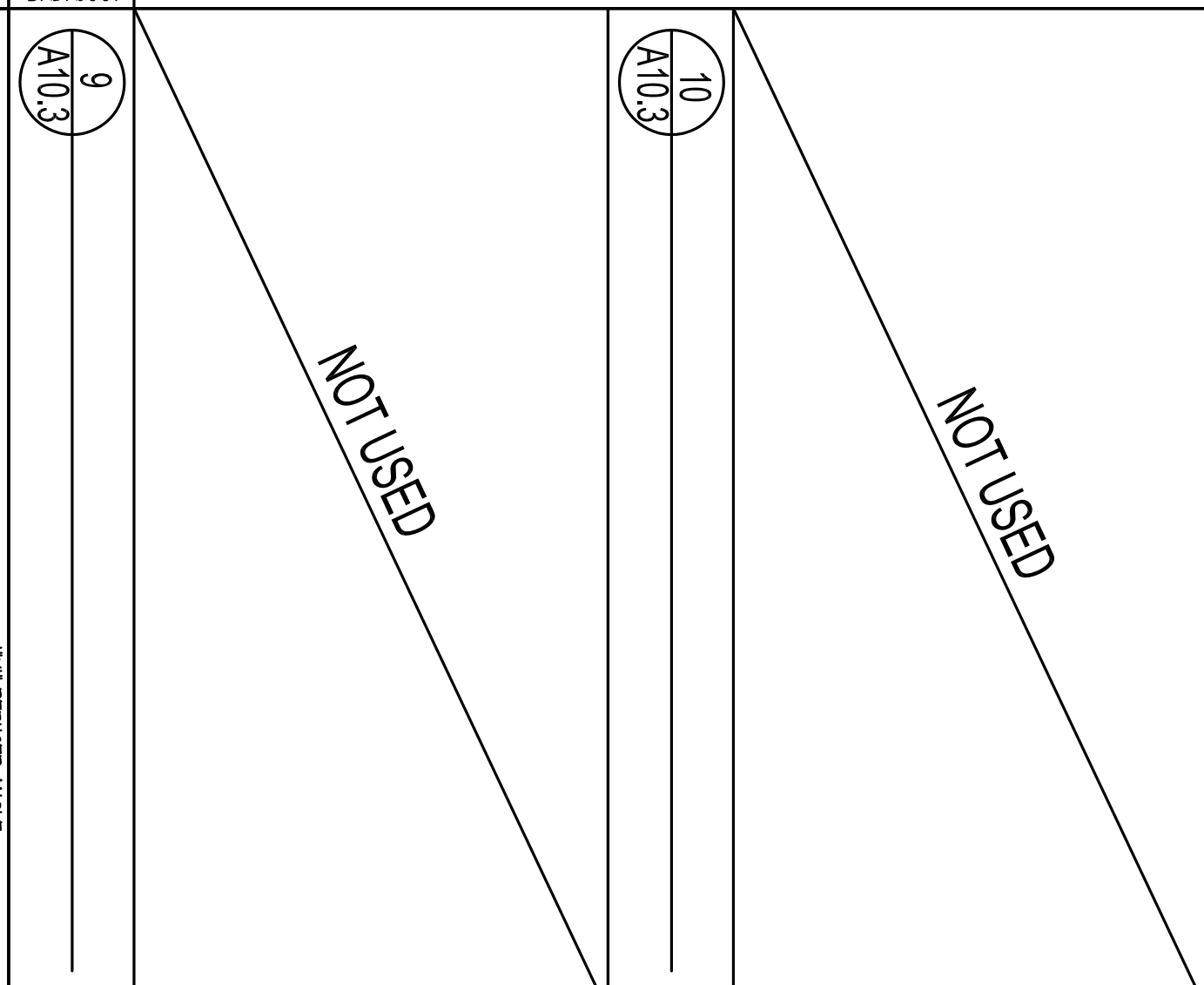
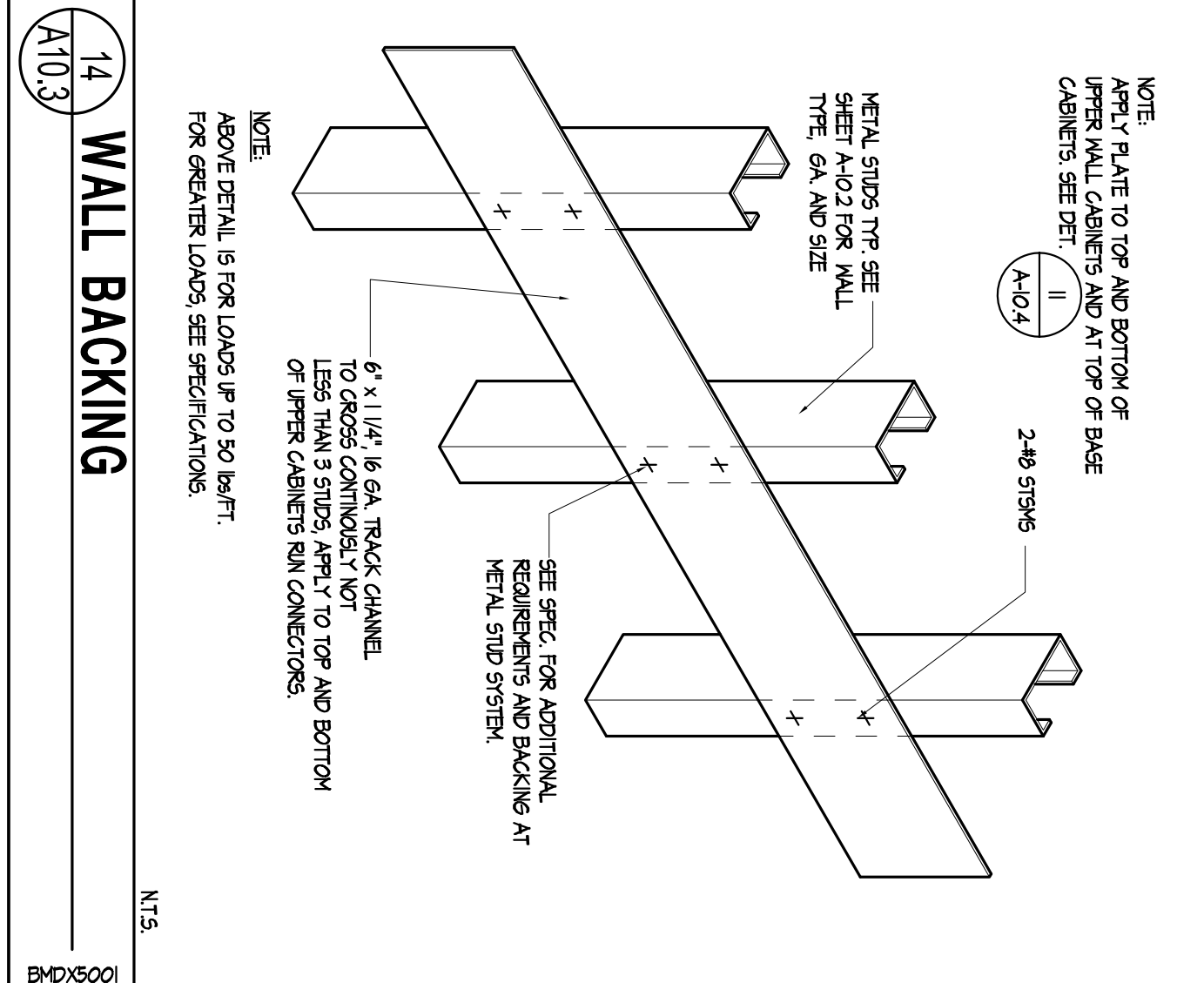
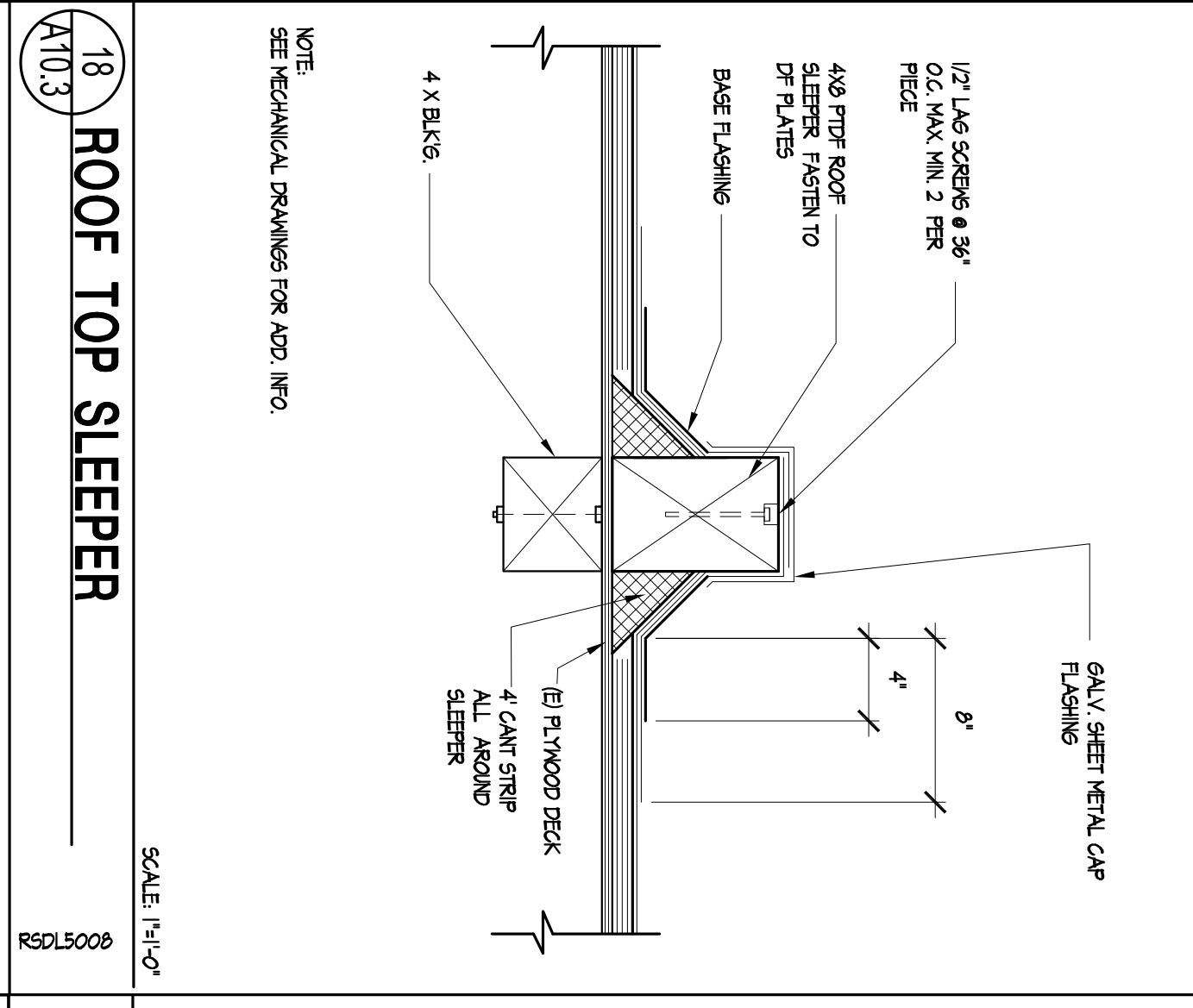
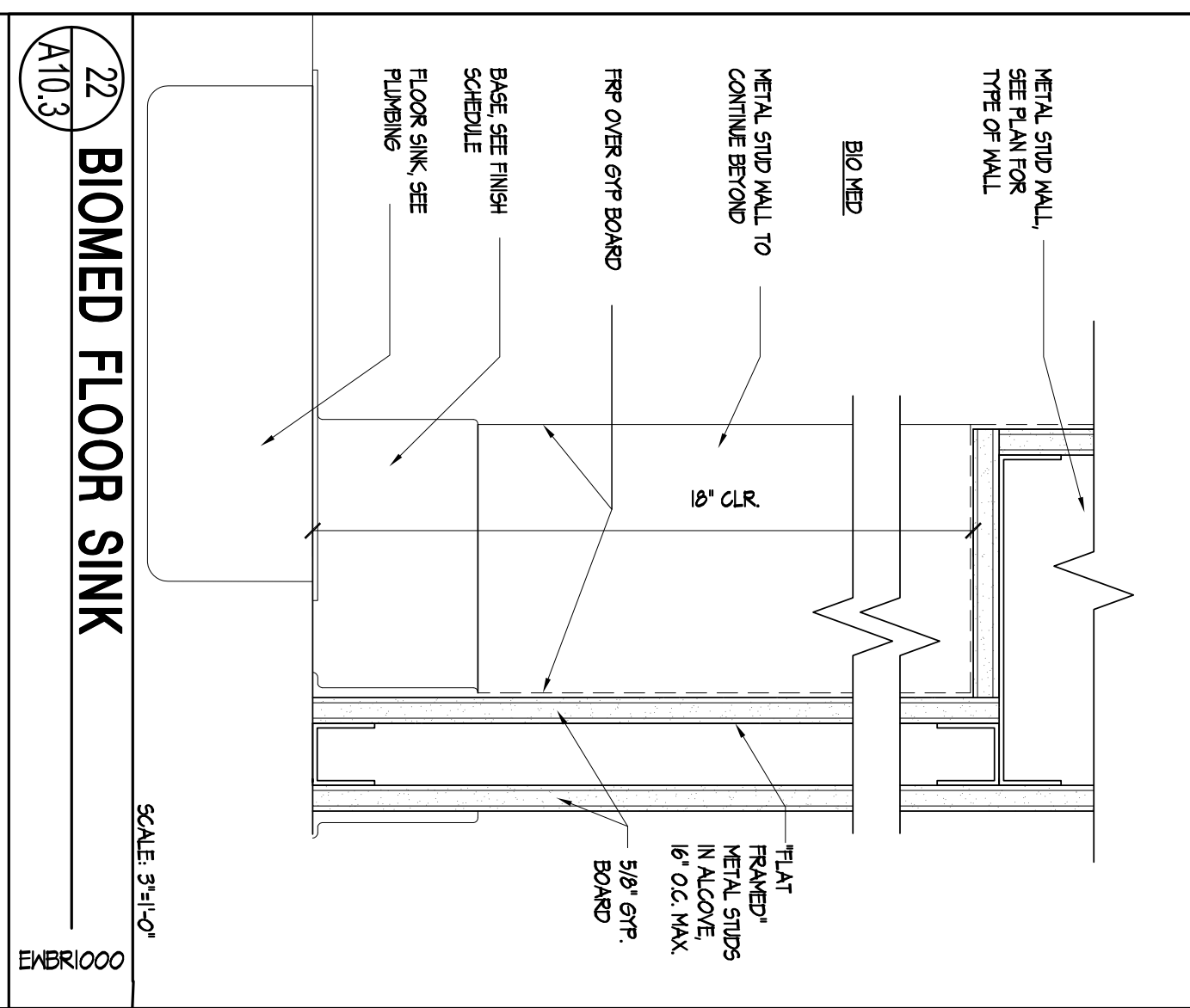
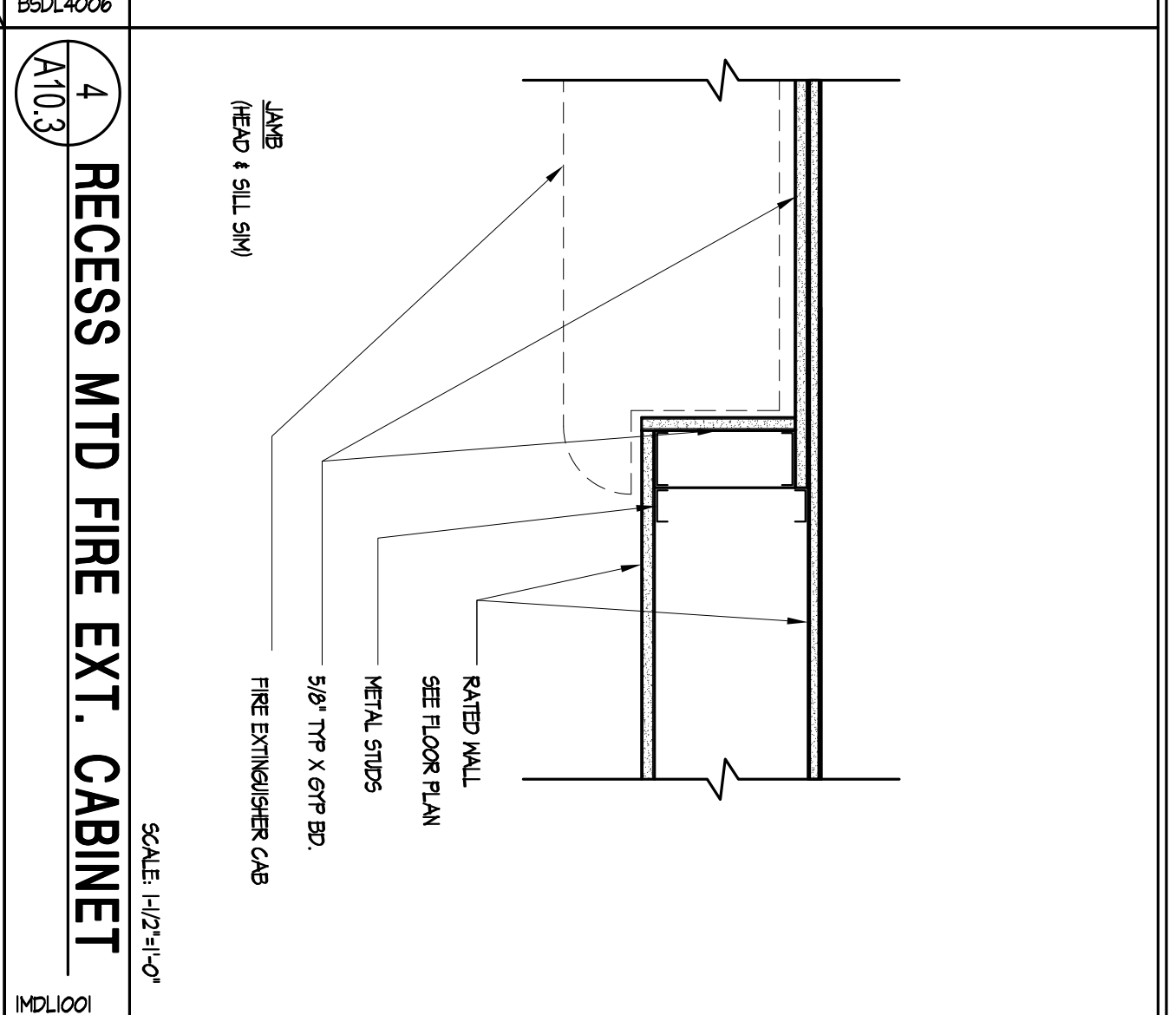
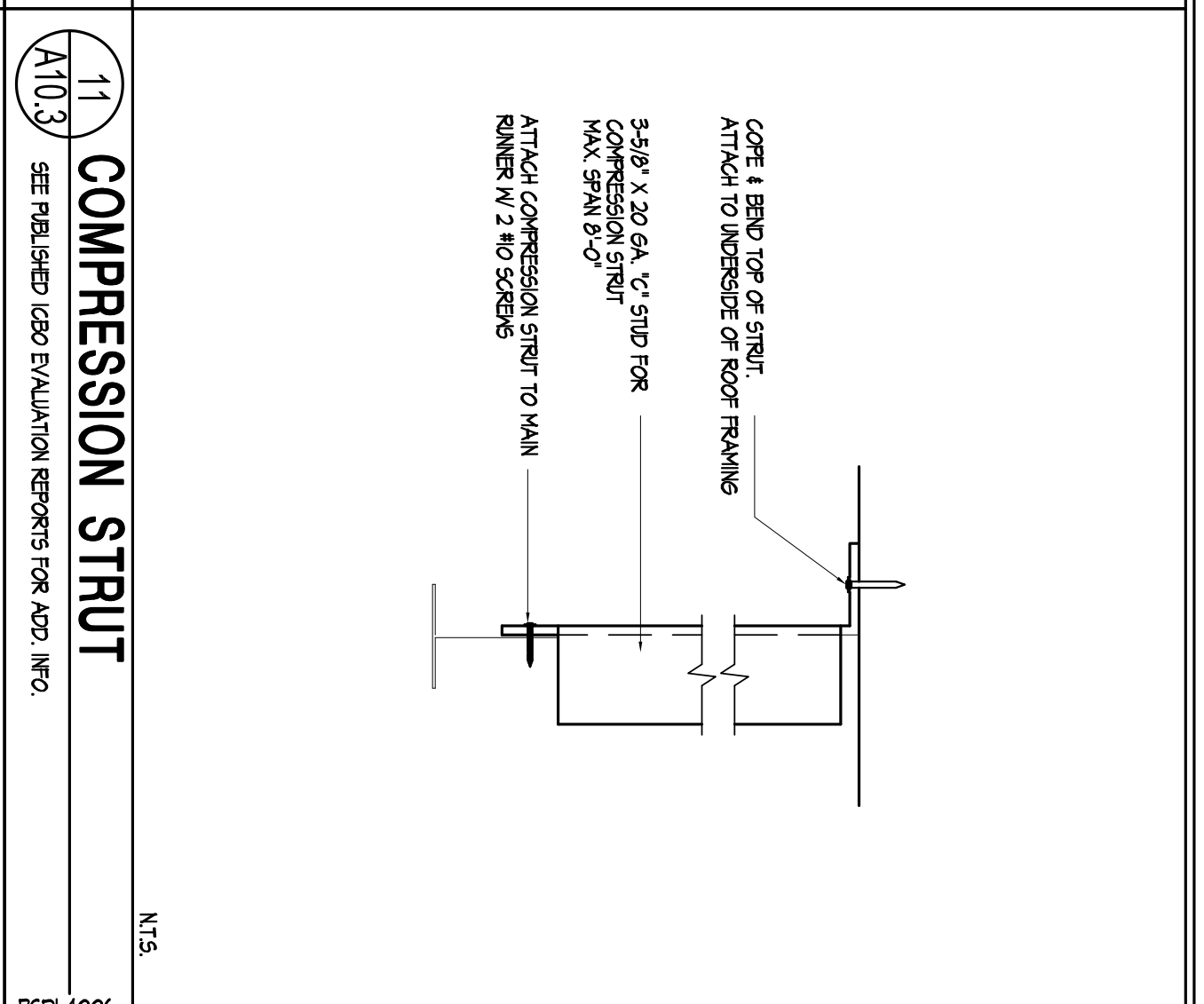
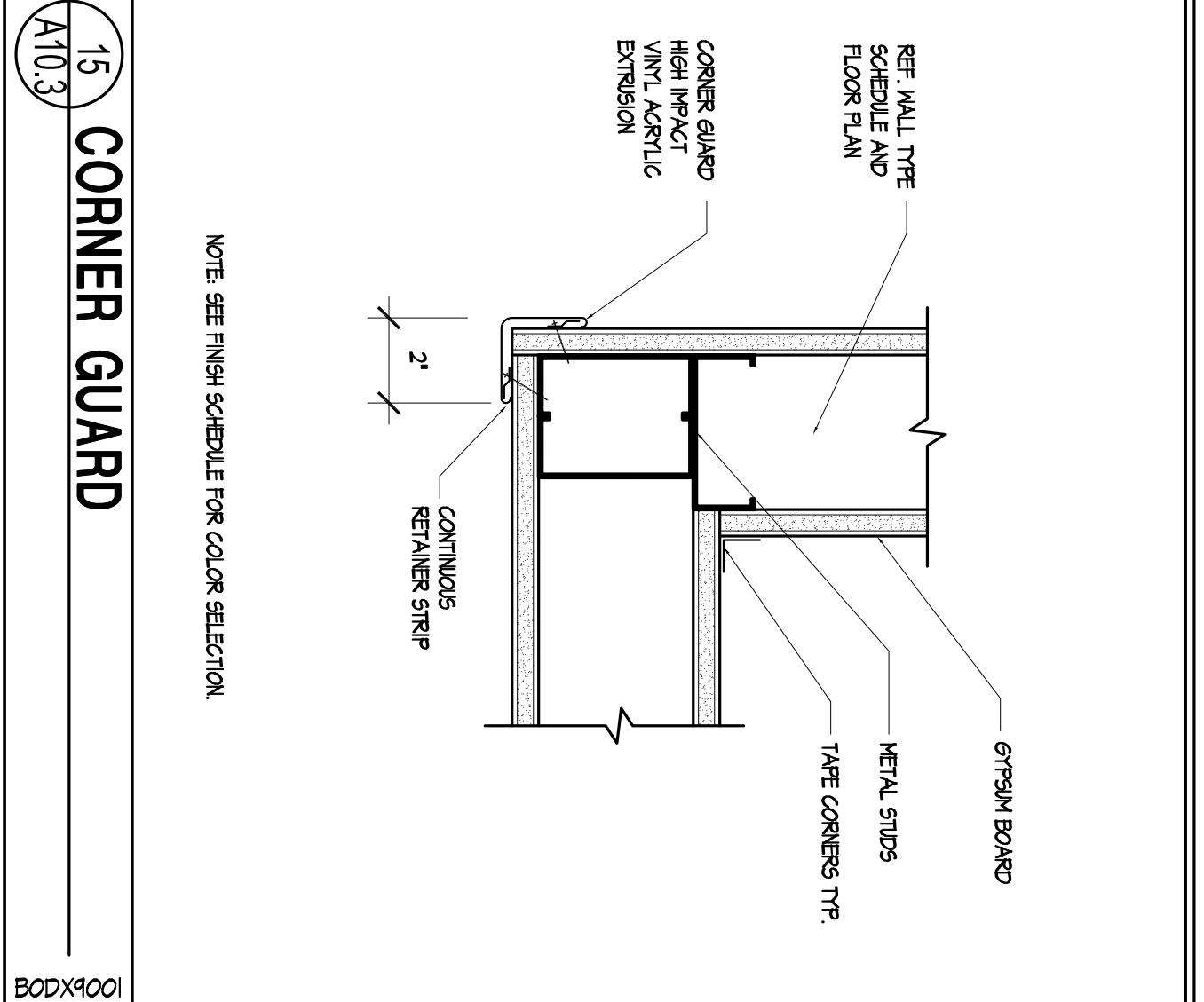
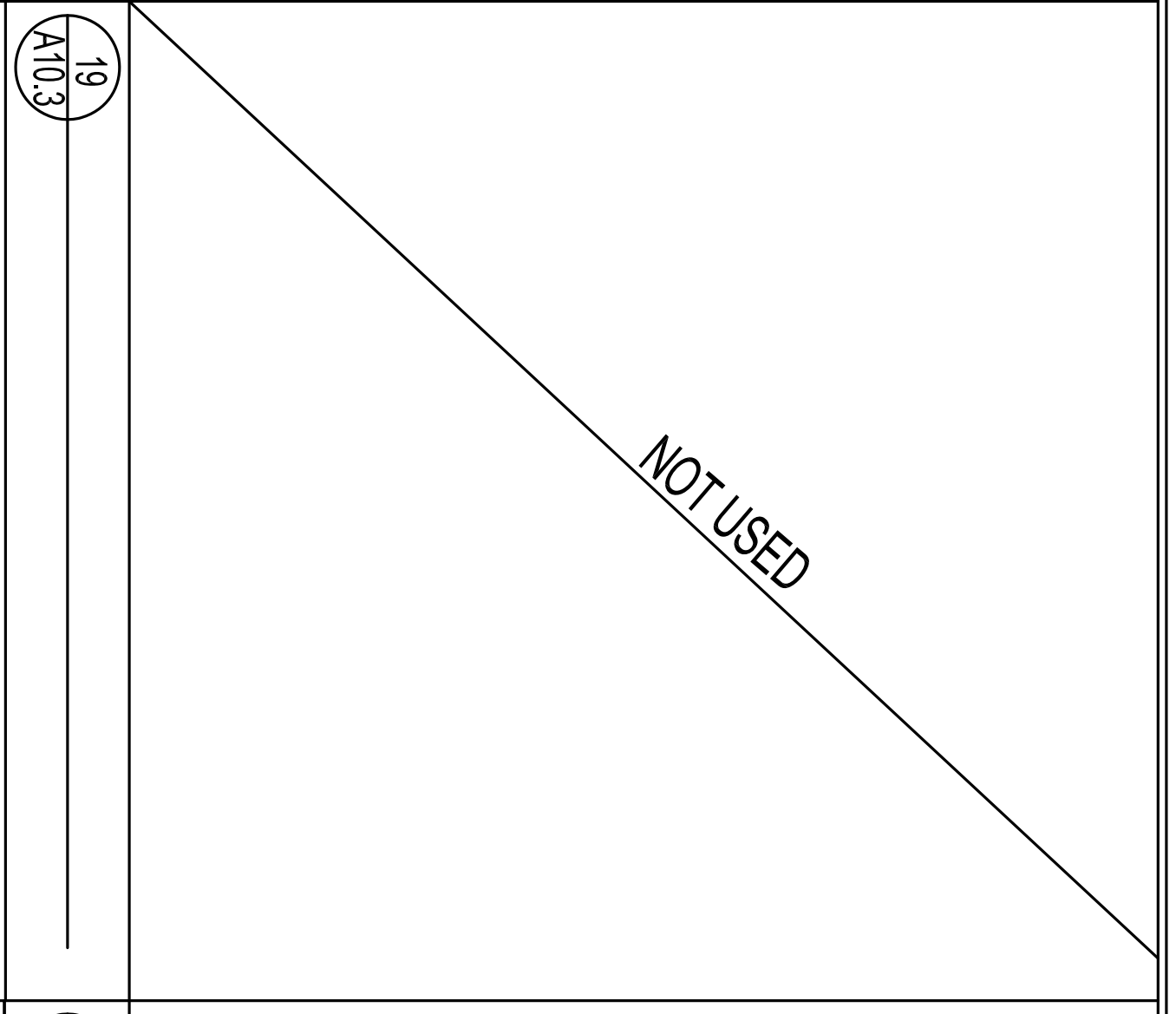
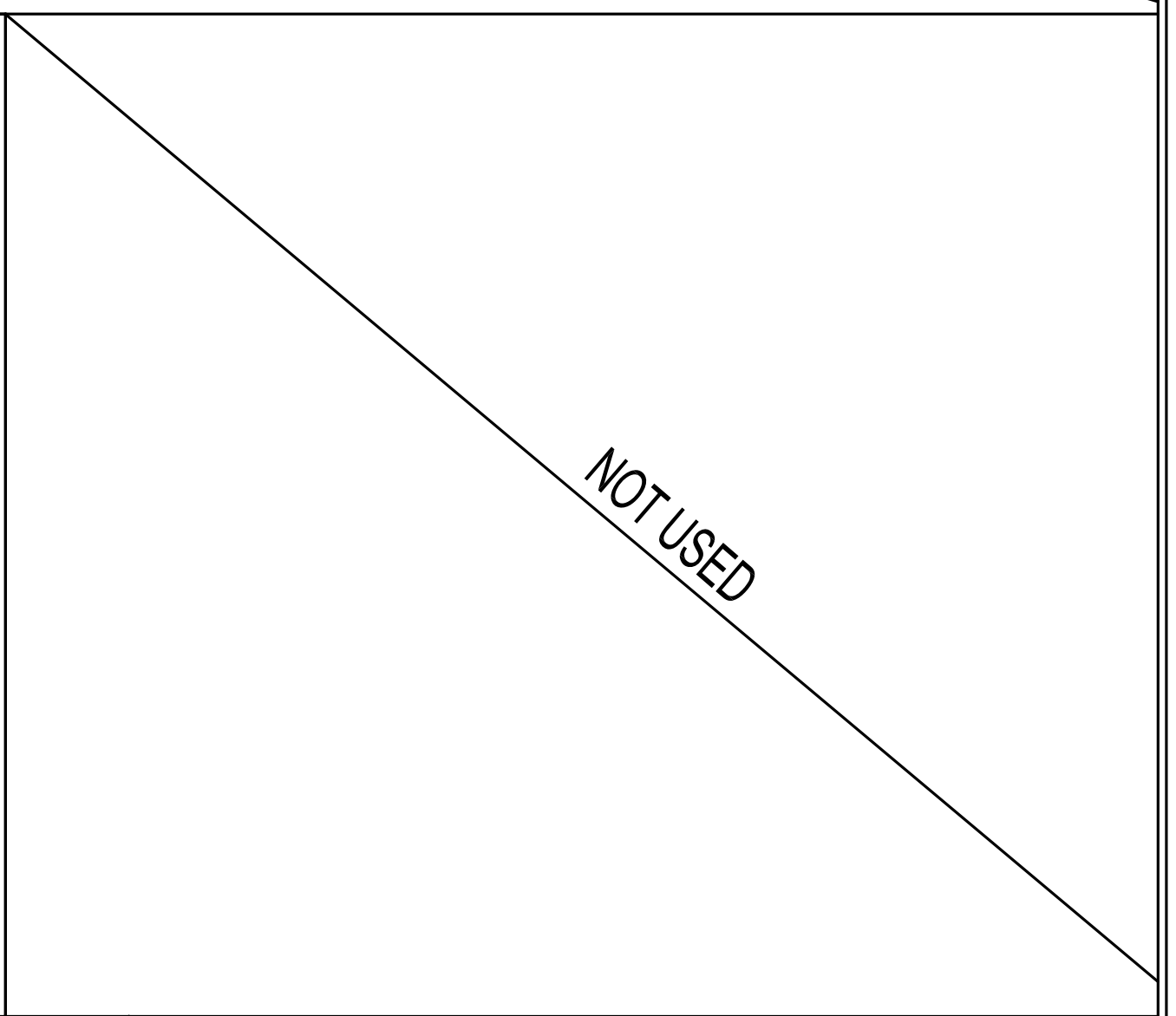
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CADD Path: DD / A-10.2  
Drawn By: JM / JH  
Checked By: DK

Sheet Number: **A-10.2**

**ARCHITECTURAL DETAILS**

Job Number: 110208  
CADD Path: DD / A-10.2  
Drawn By: JM / JH  
Checked By: DK

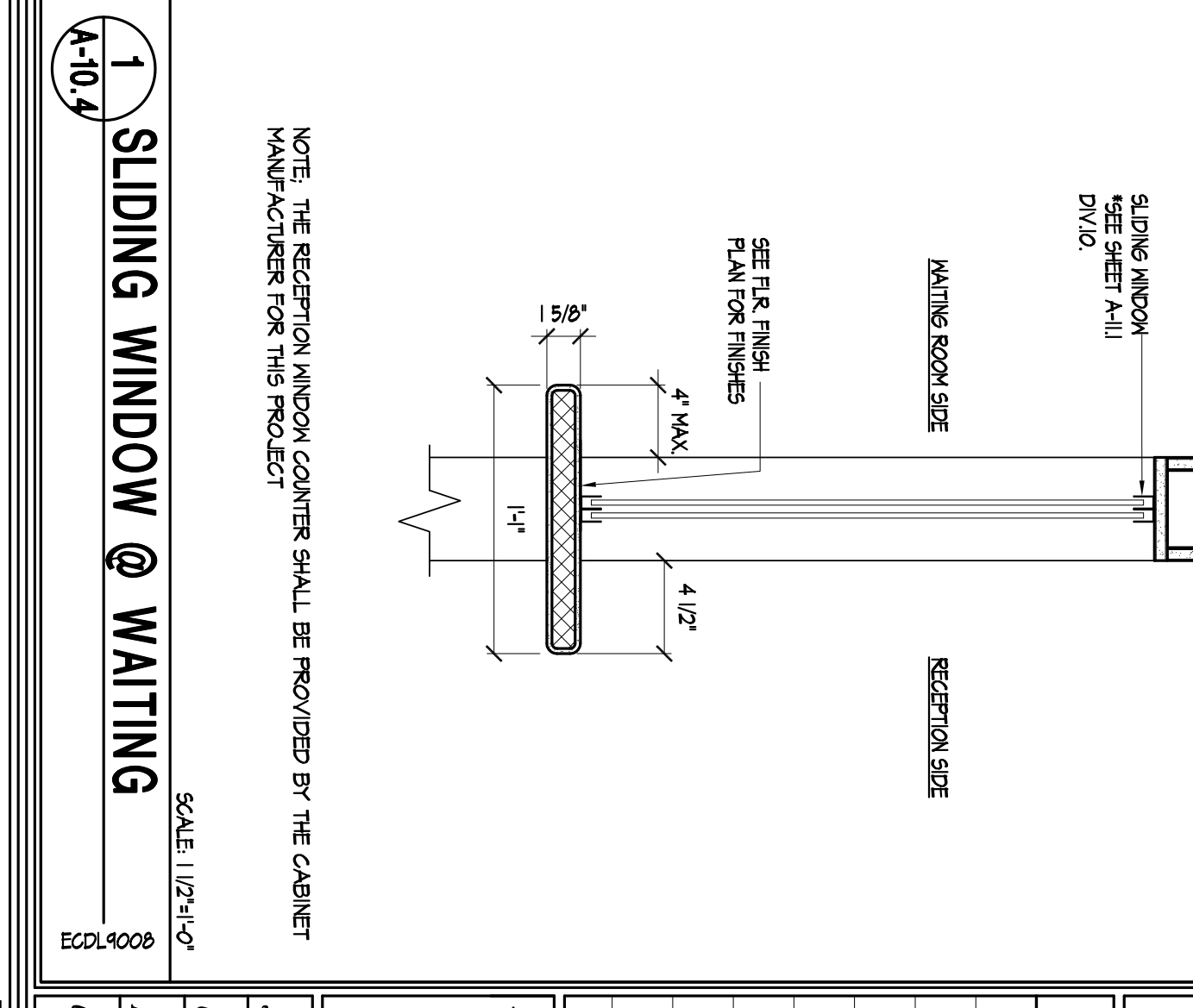
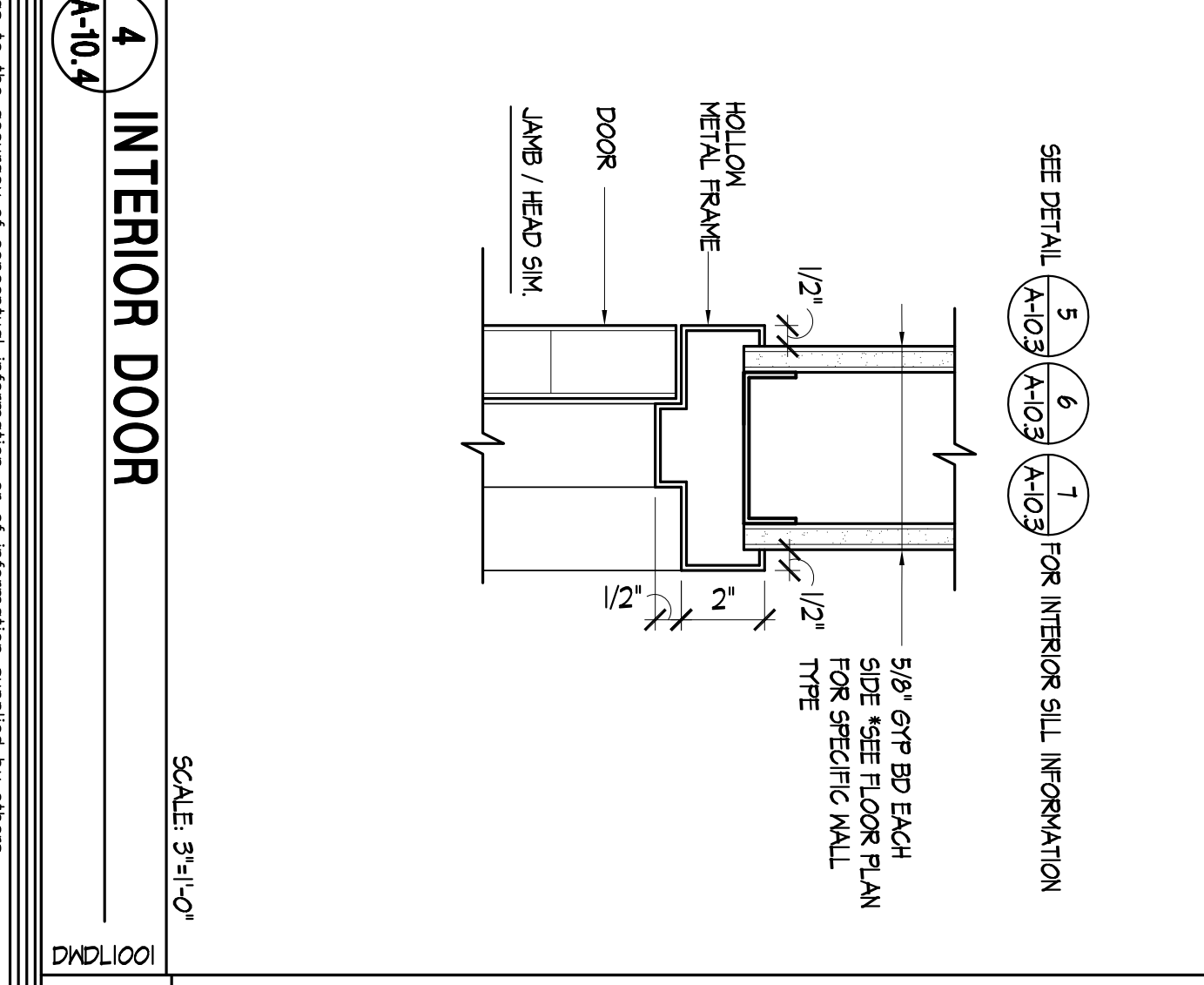
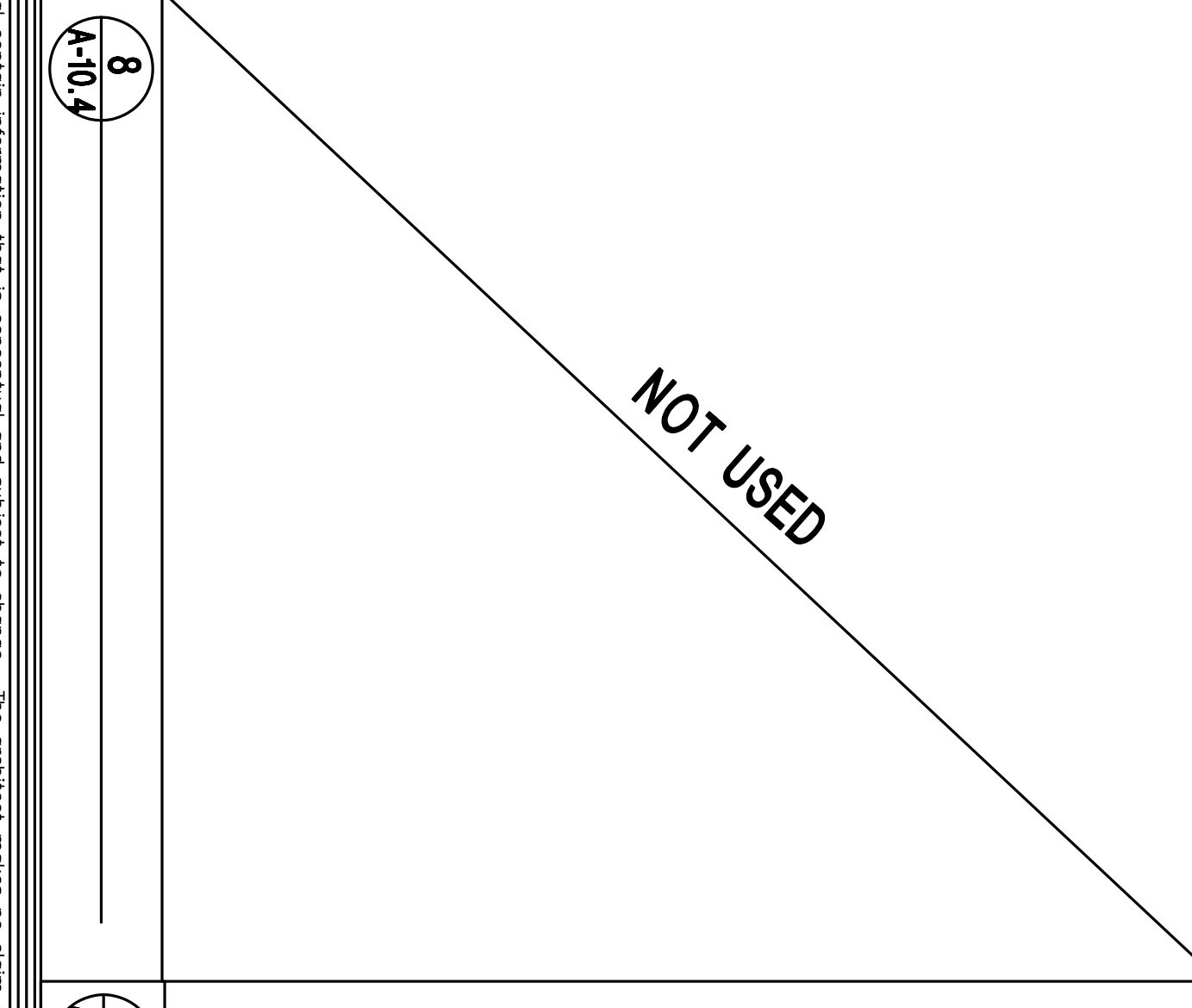
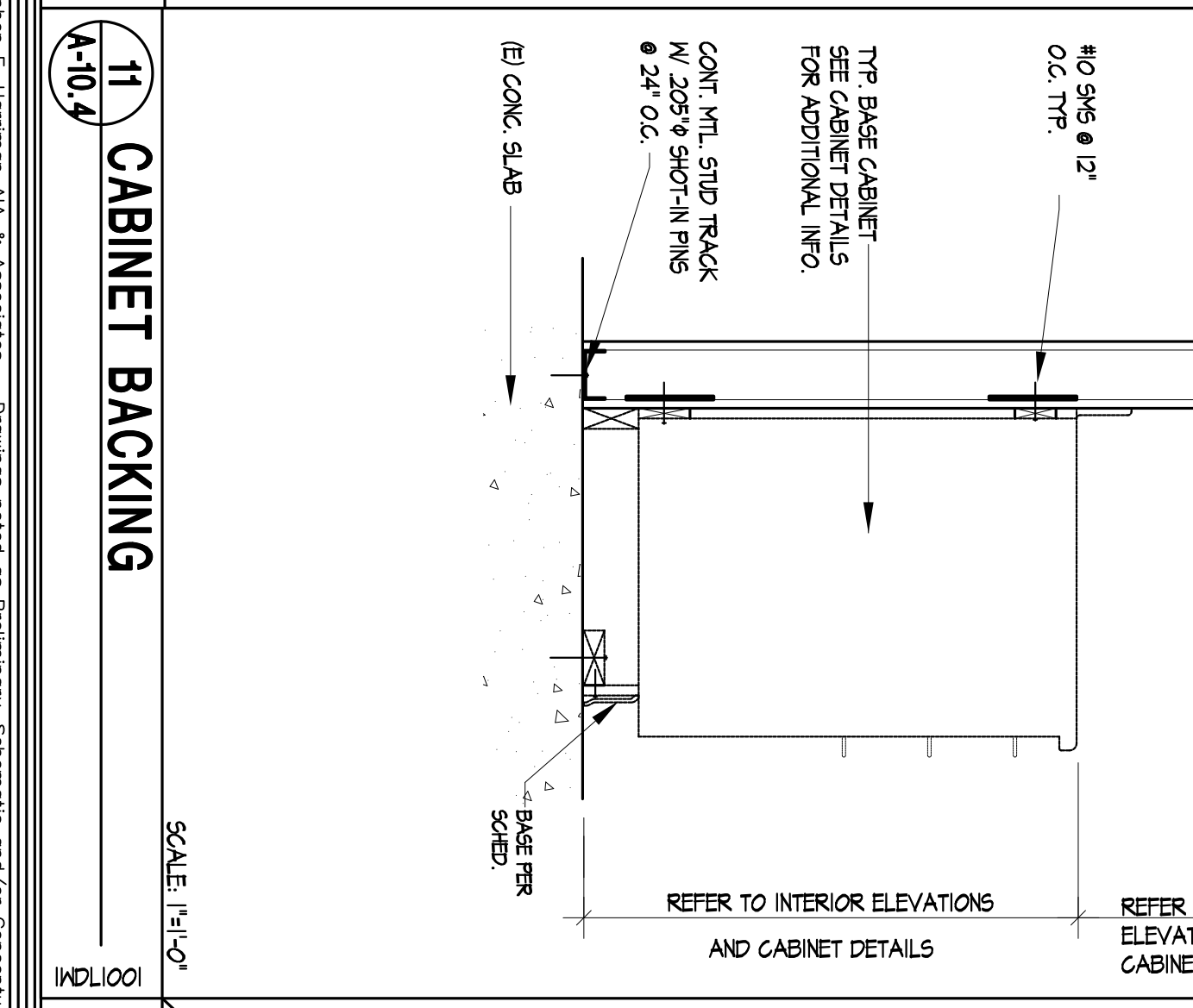
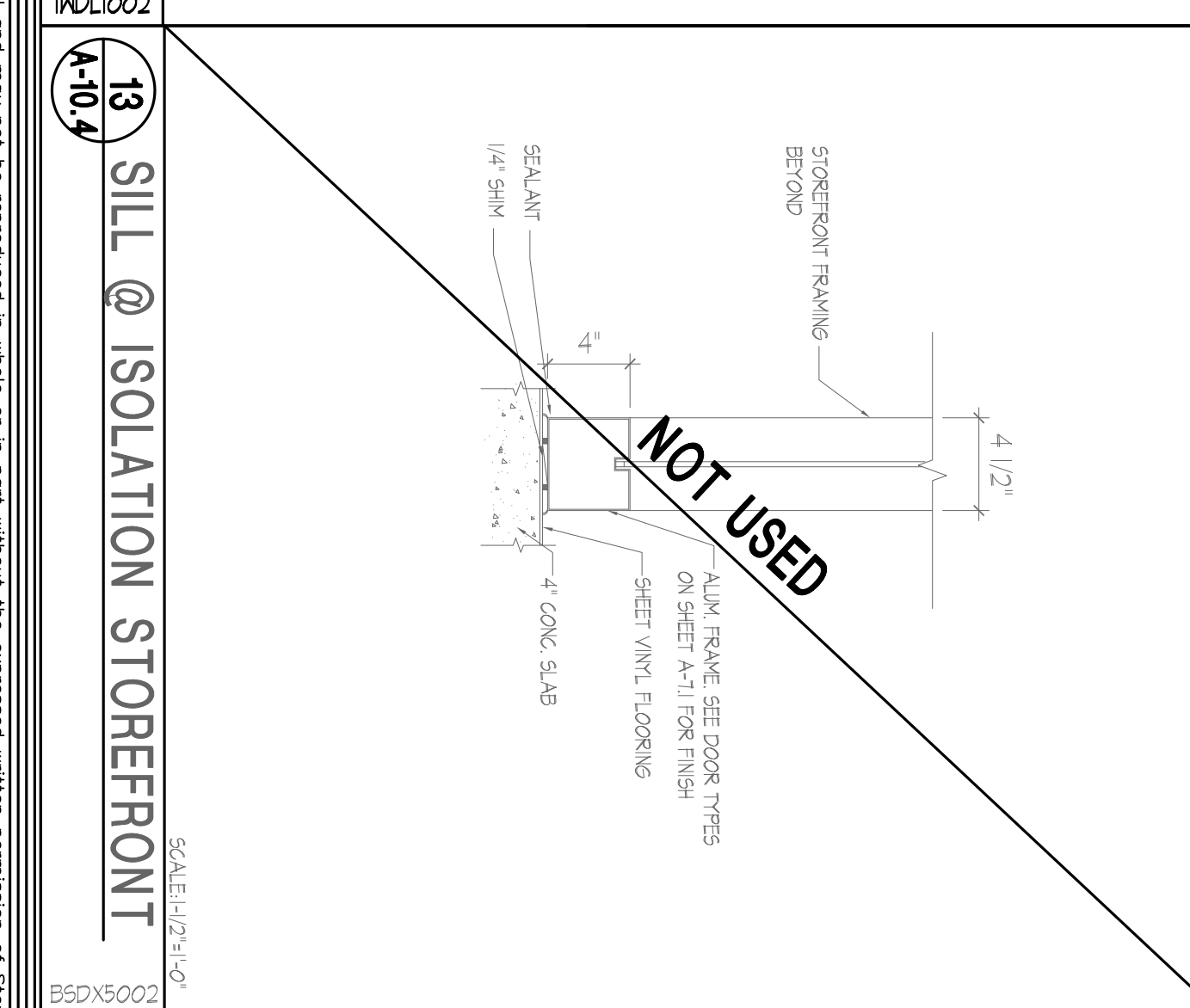
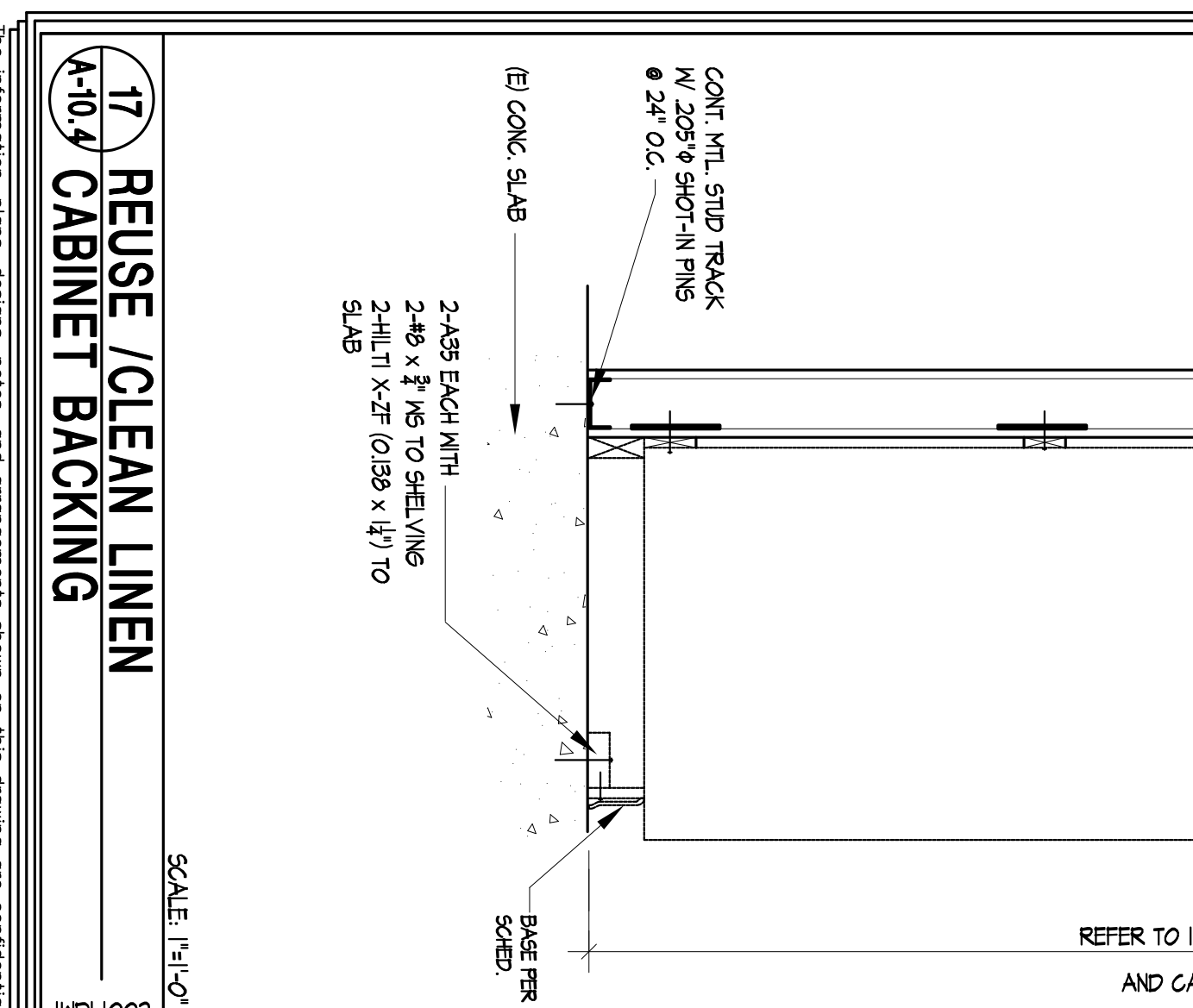
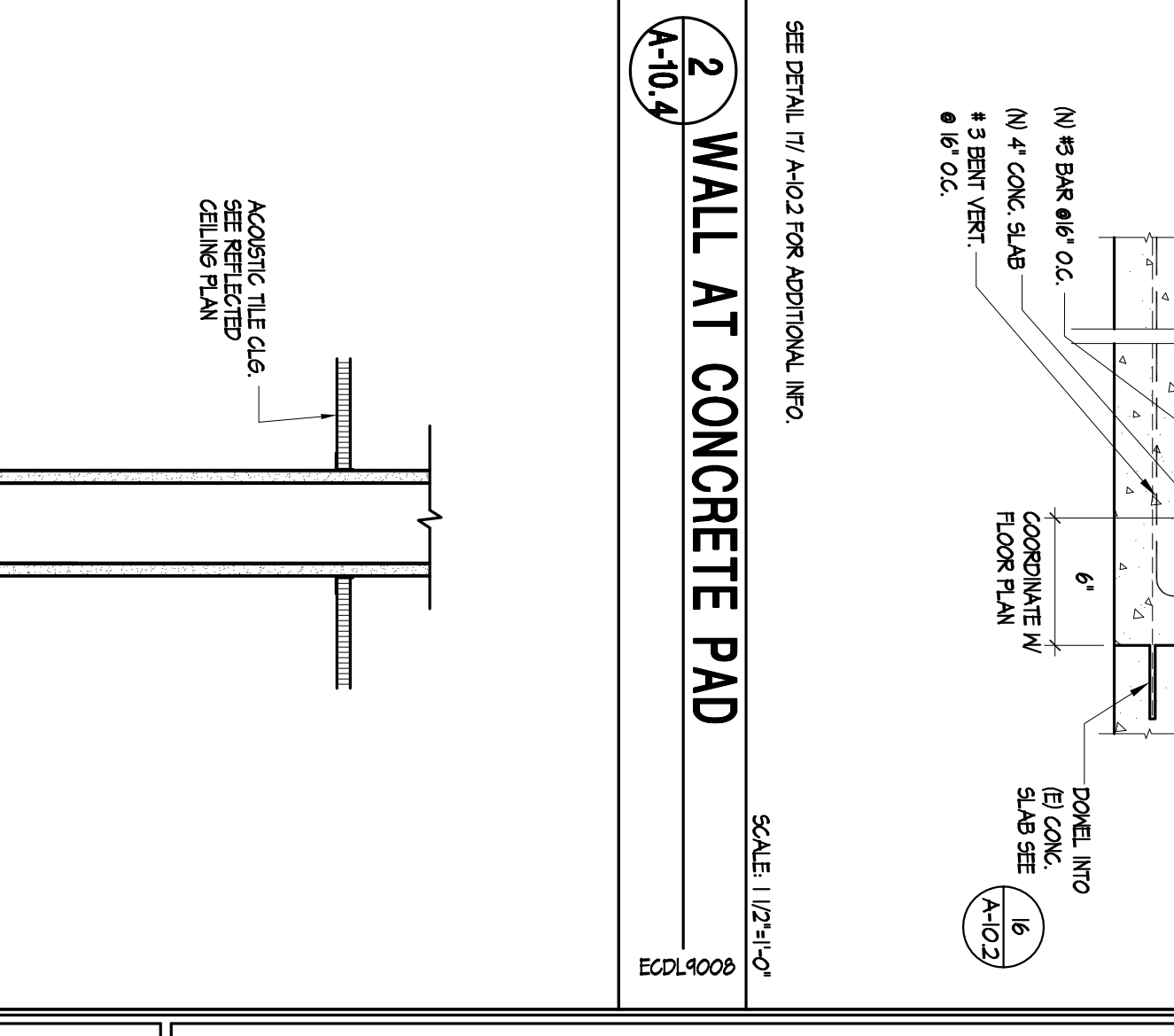
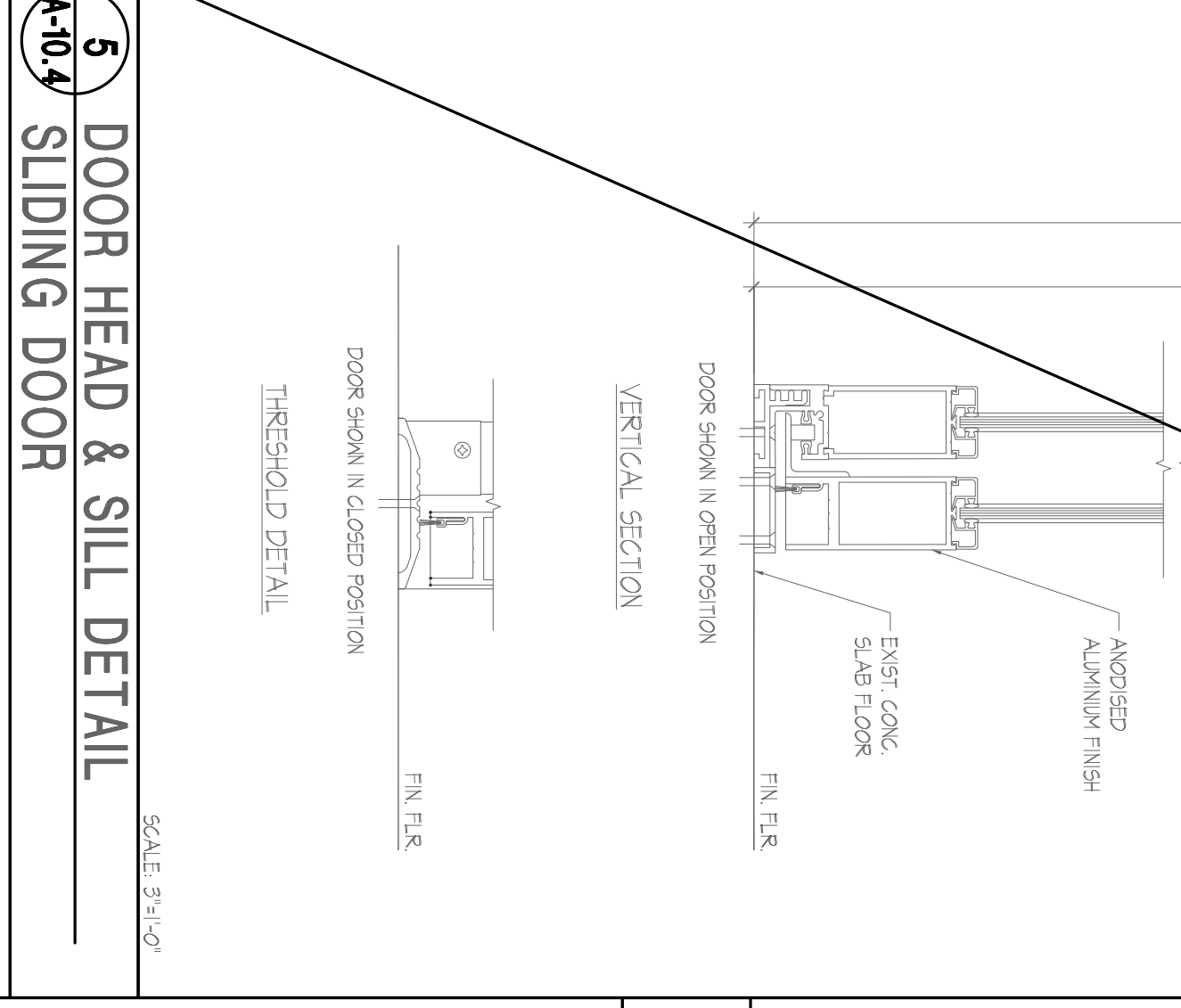
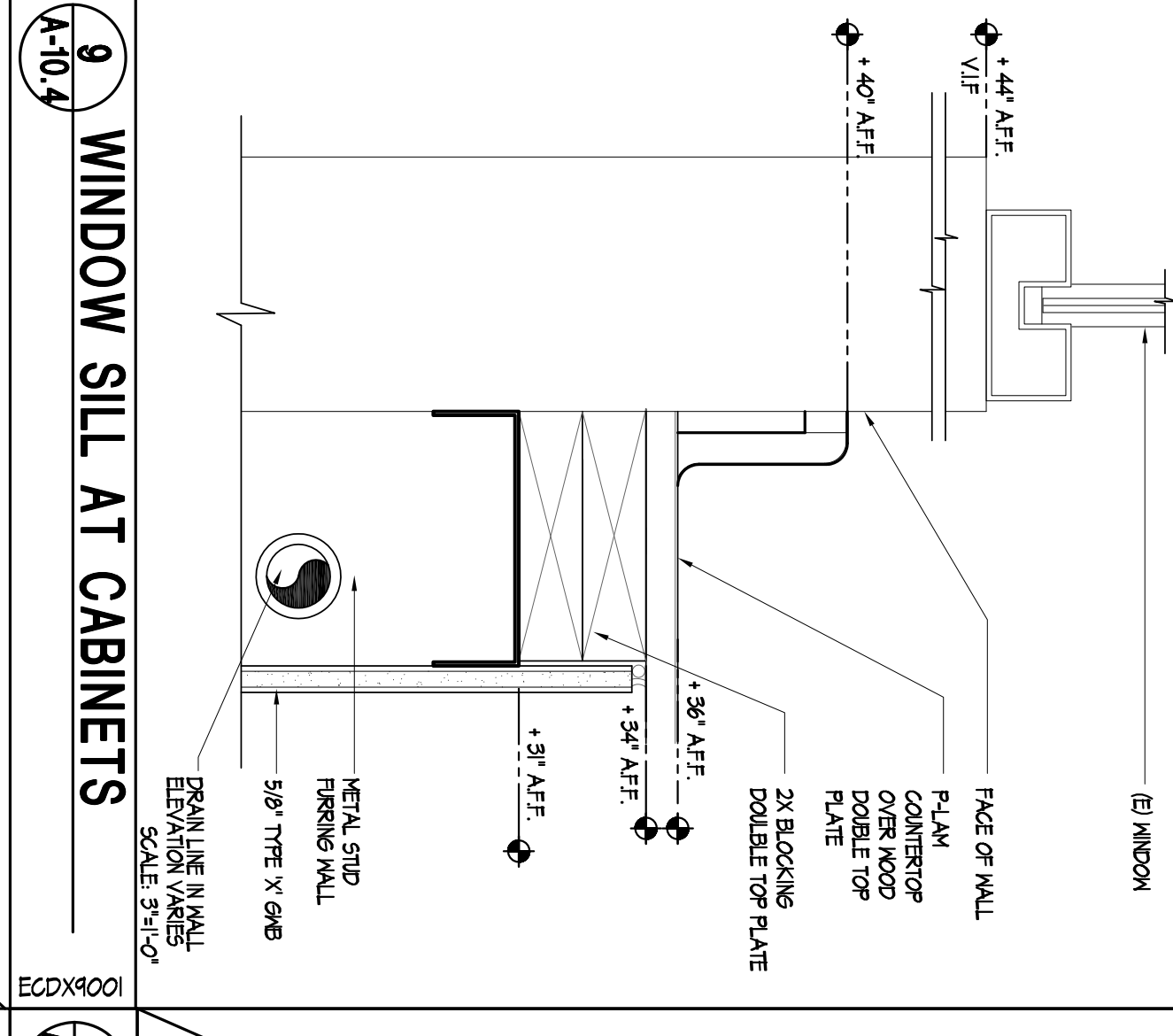
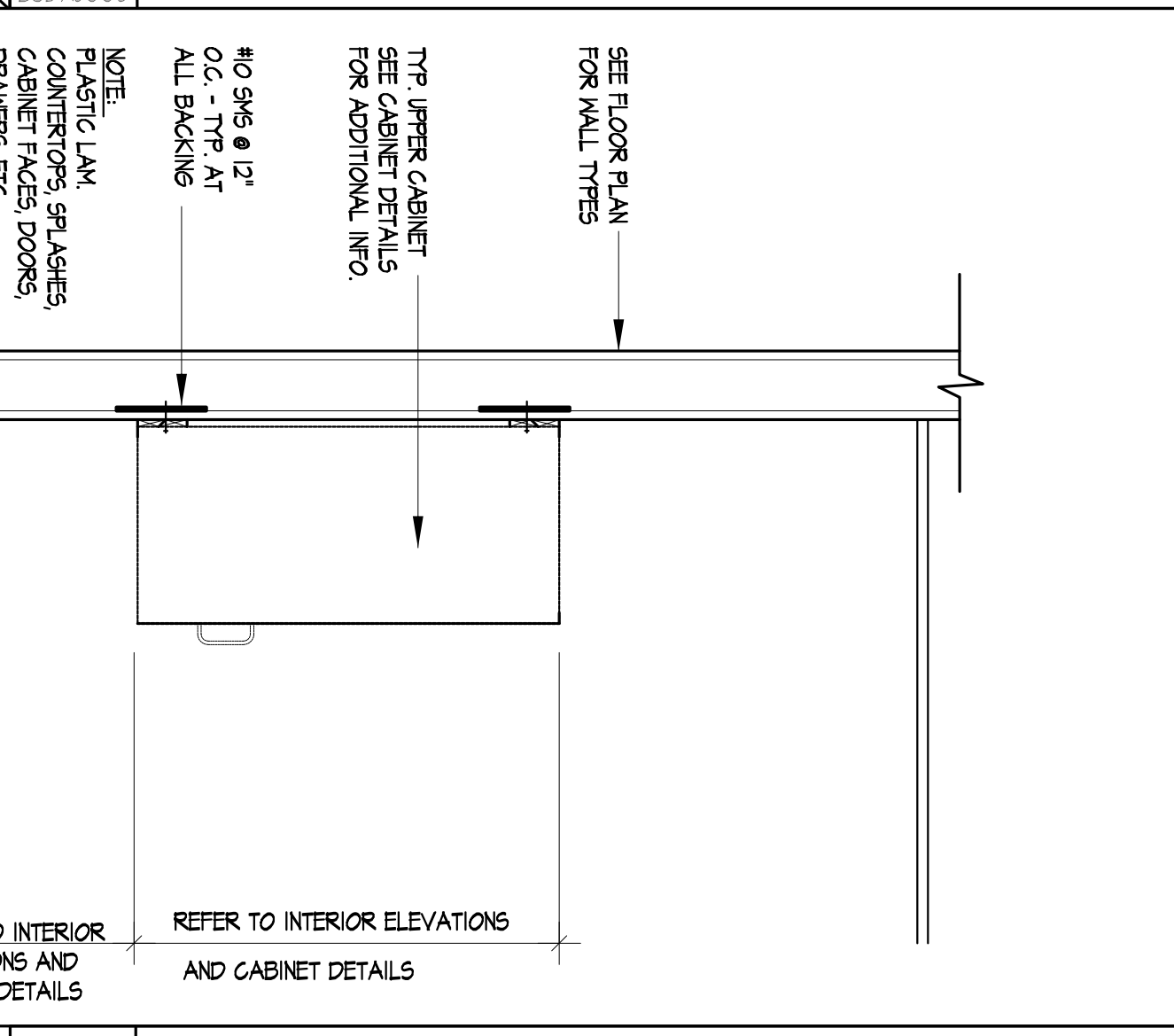
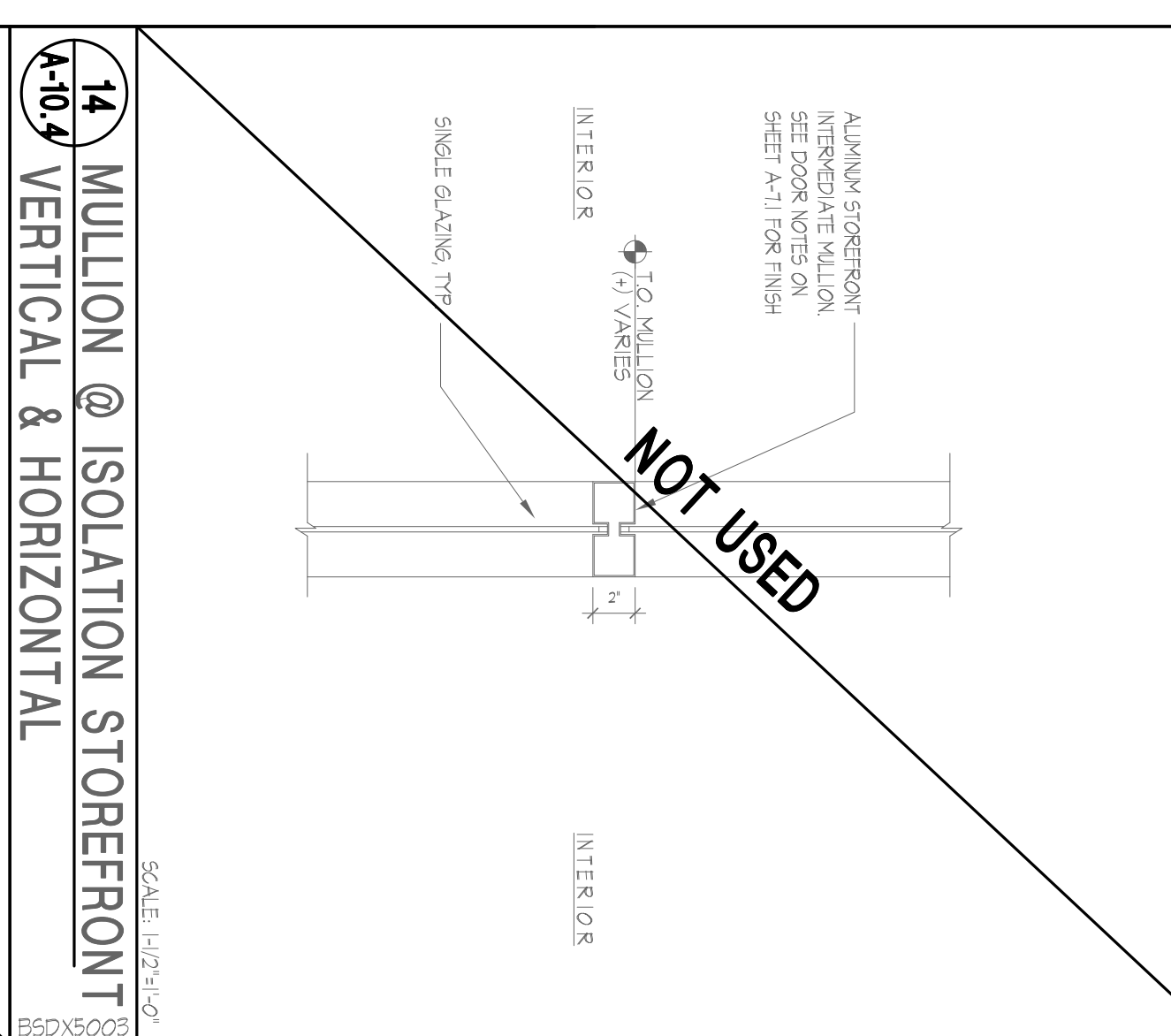
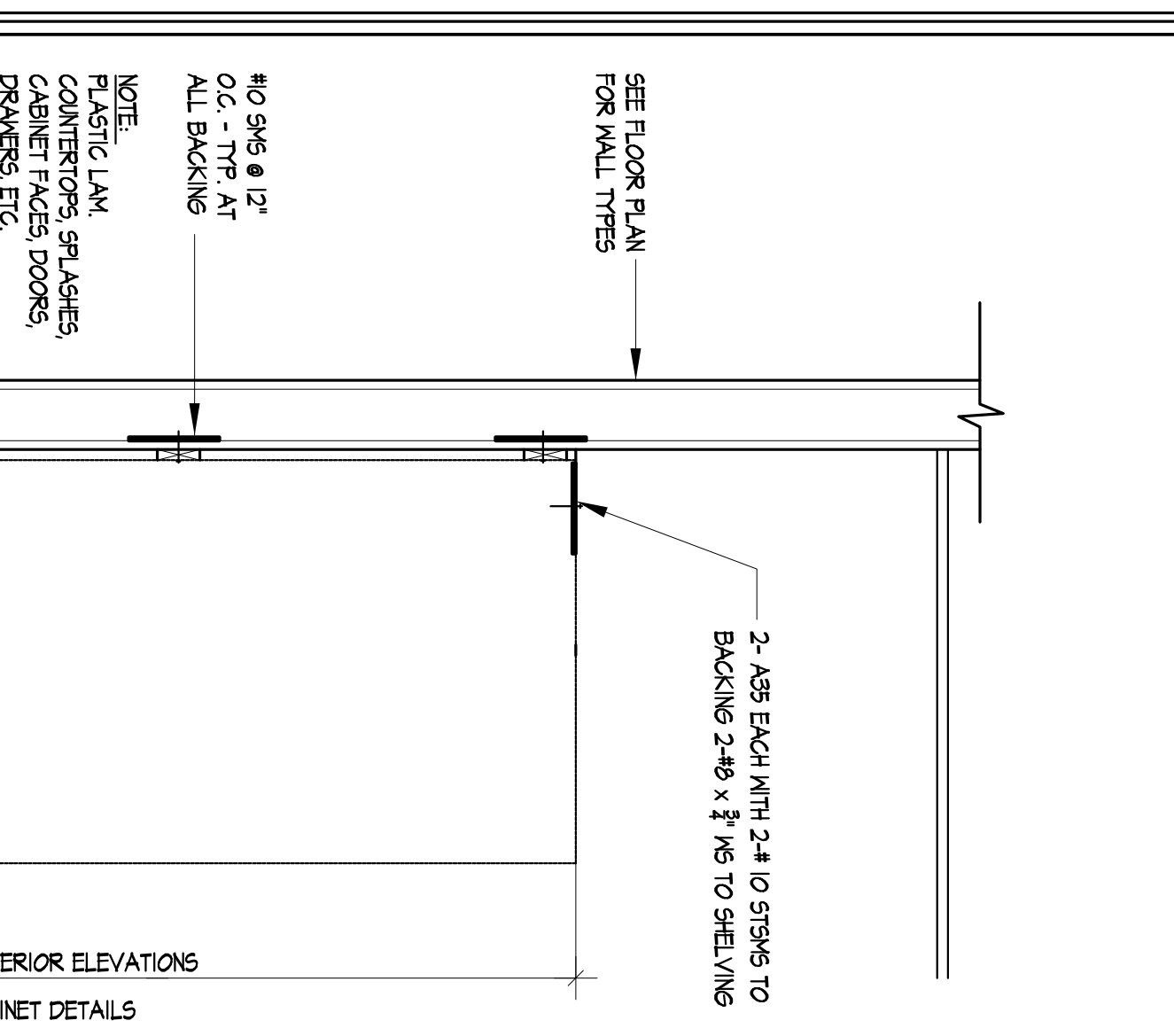
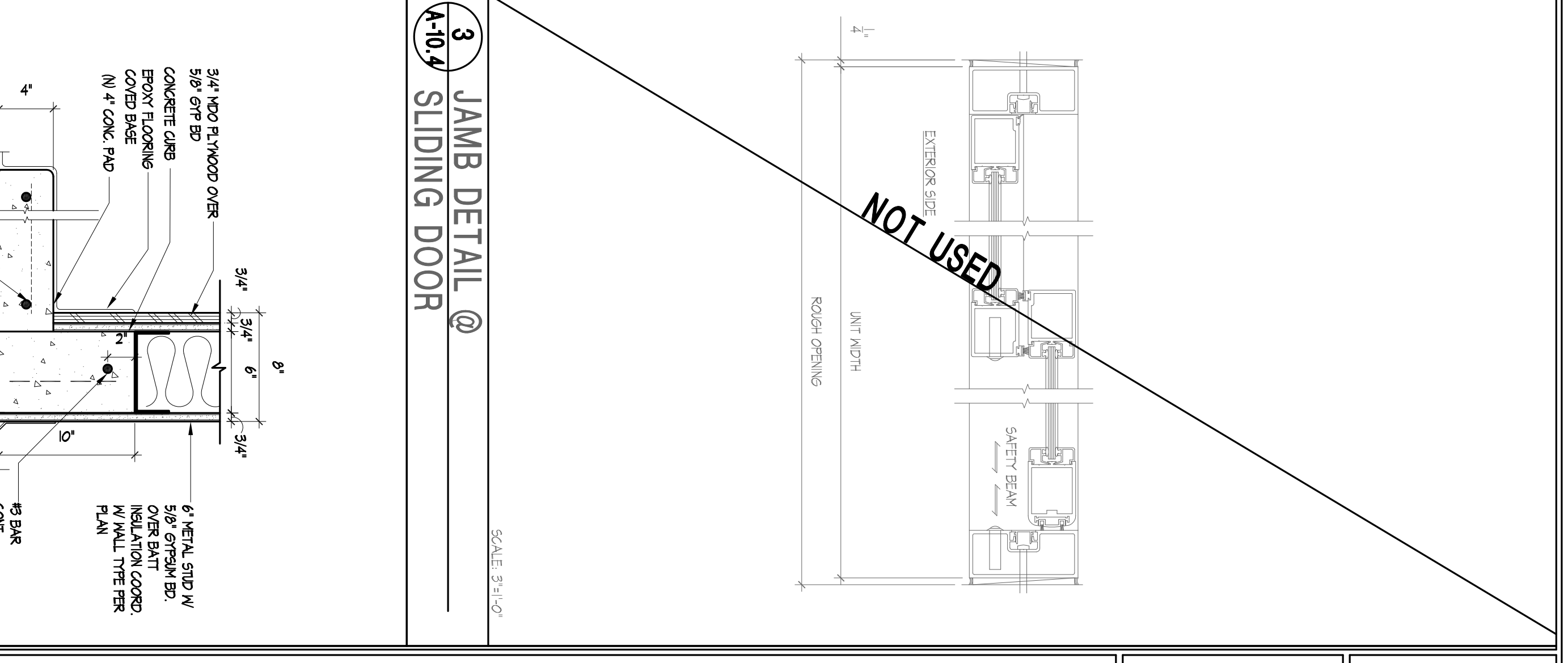
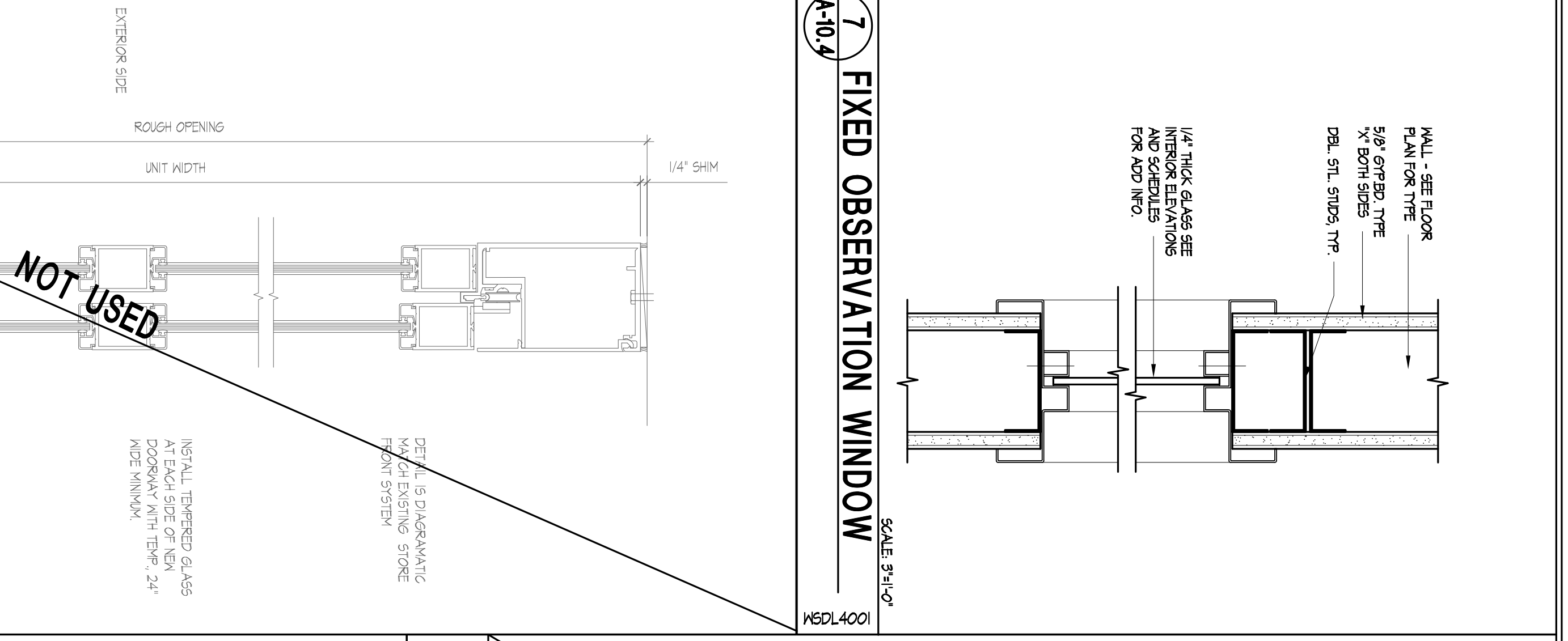
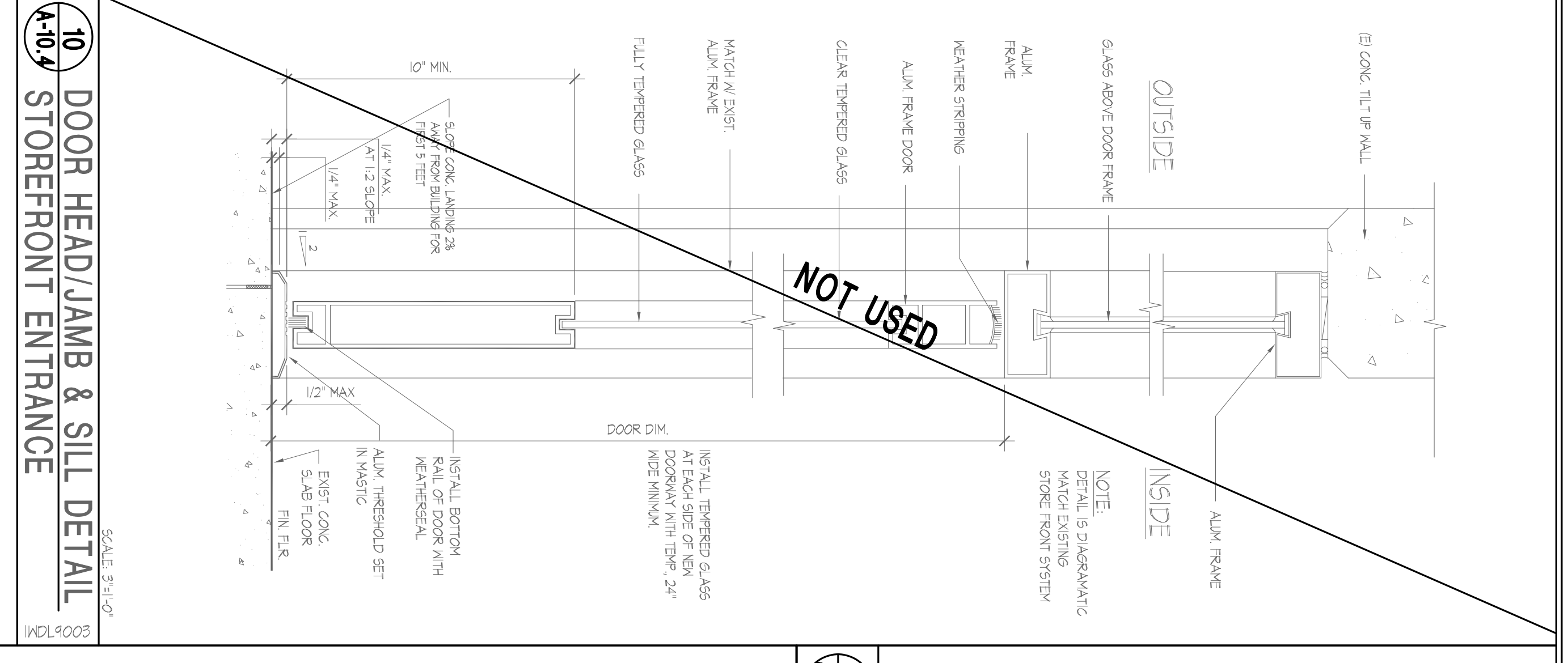
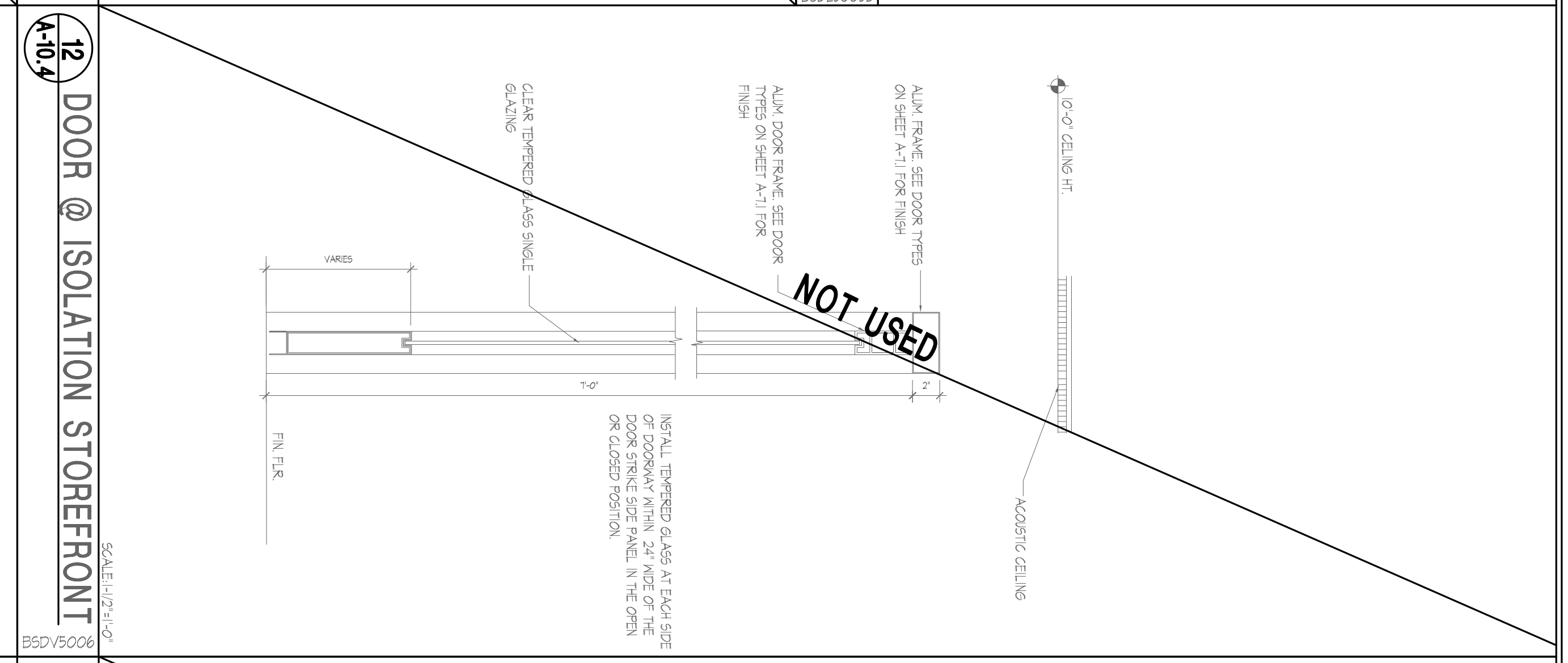
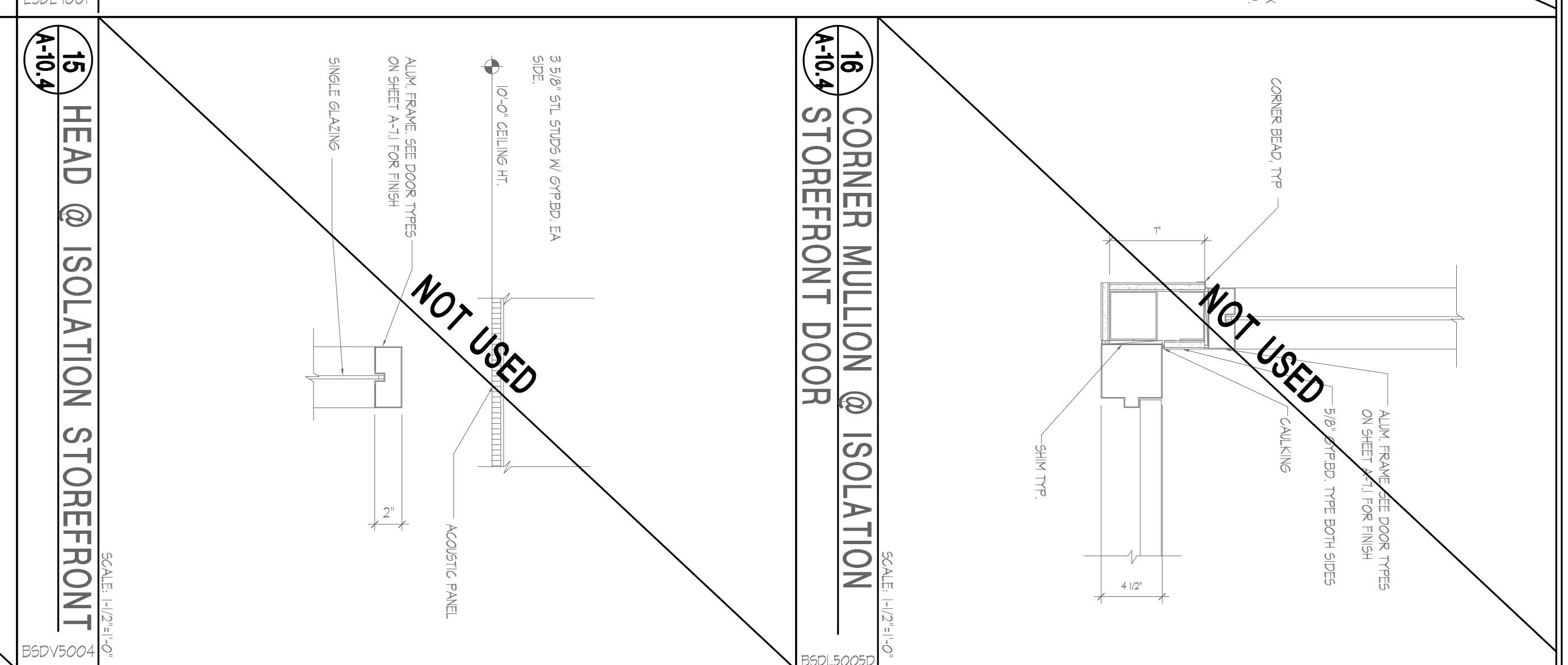
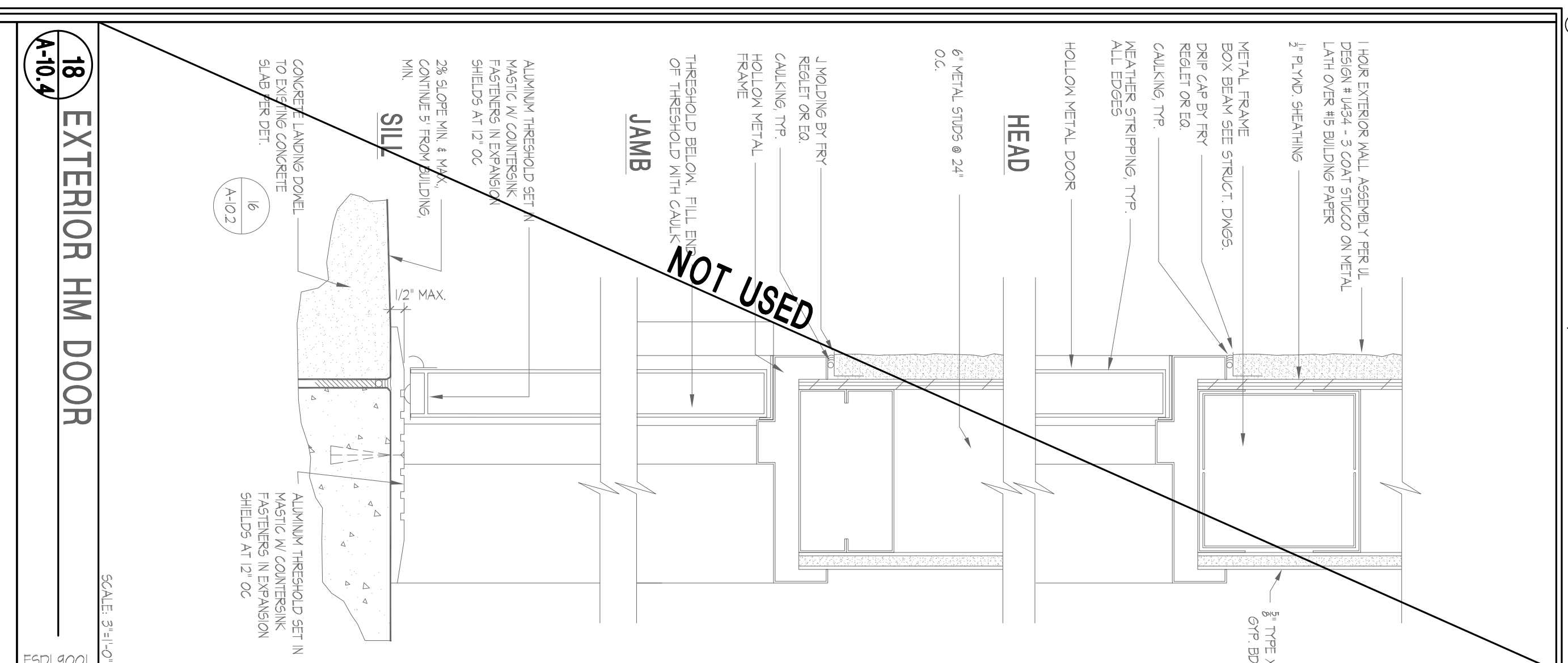
Sheet Number: **A-10.2**



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**Davita**  
 DAVIDA'S TENANT IMPROVEMENTS  
 FOR  
 DAVITA, INC.  
 403 Dover Parkway  
 Delano, California

<p>Architect's Stamp</p>	<p>Submitted: <b>12/14/2011</b></p> <p>Description: <b>PERMIT SUBMITTAL</b></p> <p>Date: <b>1/4/2011</b></p> <p>By: <b>JM</b></p>
<p>Drawn By: <b>JM / JH</b></p> <p>Checked By: <b>DPK</b></p>	<p>Job Number: <b>110209</b></p> <p>CADD Path: <b>DD/1-103</b></p> <p>Sheet Number: <b>A-10.3</b></p>
<p><b>ARCHITECTURAL DETAILS</b></p>	
<p><b>BUILDING PERMIT SUBMITTAL</b></p>	



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**DAVITA**  
 DAVIDA'S TENANT IMPROVEMENTS  
 FOR  
 DAVITA, INC.  
 405 Dover Parkway  
 Delano, California

**Architectural Details**

Job Number: 118208  
 CADD Path: DC/A-10.4  
 Drawn By: LM / JH  
 Checked By: DK

Sheet Number: **A-10.4**

Submitted	Date	By
No. Description	12/14/2011	JM
PERMIT SUBMITTAL		

**BUILDING PERMIT SUBMITTAL**

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

REFER TO INTERIOR ELEVATIONS AND CABINET DETAILS

2-#5 EACH WITH 2-#10 STRIPS TO BACKING 2-#6 x 8#6 TO SHELVING

SEE FLOOR PLAN FOR WALL TYPES

4#0 3/8" @ 12" O.C. TYP. AT ALL BACKING

NOTE: PLASTER LAM. COUNTERTOPS, SPRAYERS, CABINETS, FACES, DOORS, DRAWERS, ETC.

CONT. MET. STD. TRACK W/ 20599 SHOT-N-RING @ 24" O.C.

2-#6 x 8#6 TO SHELVING 2-SHIFT X-77 (0.95 x 1/4") TO SLAB

BASE PER SCOTCH

REUSE / CLEAN LINEN CABINET BACKING

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

REFER TO INTERIOR ELEVATIONS AND CABINET DETAILS

ALUMINUM THRESHOLD SET INTERMEDIATE MULLION SEE DOOR TYPES ON SHEET A-11 FOR FINISH

1/2" MULLION

1/2" MULLION

SINGLE GLAZING TYP.

ISOLATION

ISOLATION

NOT USED

ALUMINUM THRESHOLD SET INTERMEDIATE MULLION SEE DOOR TYPES ON SHEET A-11 FOR FINISH

ISOLATION

ISOLATION

ISOLATION

HEAD @ ISOLATION STOREFRONT

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

REFER TO INTERIOR ELEVATIONS AND CABINET DETAILS

SEE FLOOR PLAN FOR WALL TYPES

4#0 3/8" @ 12" O.C. TYP. AT ALL BACKING

NOTE: PLASTER LAM. COUNTERTOPS, SPRAYERS, CABINETS, FACES, DOORS, DRAWERS, ETC.

CONT. MET. STD. TRACK W/ 20599 SHOT-N-RING @ 24" O.C.

2-#6 x 8#6 TO SHELVING 2-SHIFT X-77 (0.95 x 1/4") TO SLAB

BASE PER SCOTCH

DOOR @ ISOLATION STOREFRONT

SCALE: 3/4"=1'-0"

DOOR HEAD/JAMB & SILL DETAIL

INSIDE

GLASS ABOVE DOOR FRAME

ALUMINUM THRESHOLD SET

HEAD/JAMB

ISOLATION

ISOLATION

ISOLATION

DOOR HEAD/JAMB & SILL DETAIL

SCALE: 3/4"=1'-0"

DOOR HEAD & SILL DETAIL

DOOR HEAD & SILL DETAIL

DOOR SILL IN OPEN POSITION

THRESHOLD DETAIL

INSIDE

GLASS ABOVE DOOR FRAME

ALUMINUM THRESHOLD SET

HEAD/JAMB

ISOLATION

ISOLATION

ISOLATION

DOOR HEAD & SILL DETAIL

SCALE: 1/2"=1'-0"

WALL AT CONCRETE PAD

WALL AT CONCRETE PAD

CONCRETE PAD

FOUNDATION

INSIDE

GLASS ABOVE DOOR FRAME

ALUMINUM THRESHOLD SET

HEAD/JAMB

ISOLATION

ISOLATION

ISOLATION

WALL AT CONCRETE PAD

SCALE: 1/2"=1'-0"

SLIDING WINDOW @ WAITING

SLIDING WINDOW @ WAITING

SLIDING WINDOW

WAITING AREA

INSIDE

GLASS ABOVE DOOR FRAME

ALUMINUM THRESHOLD SET

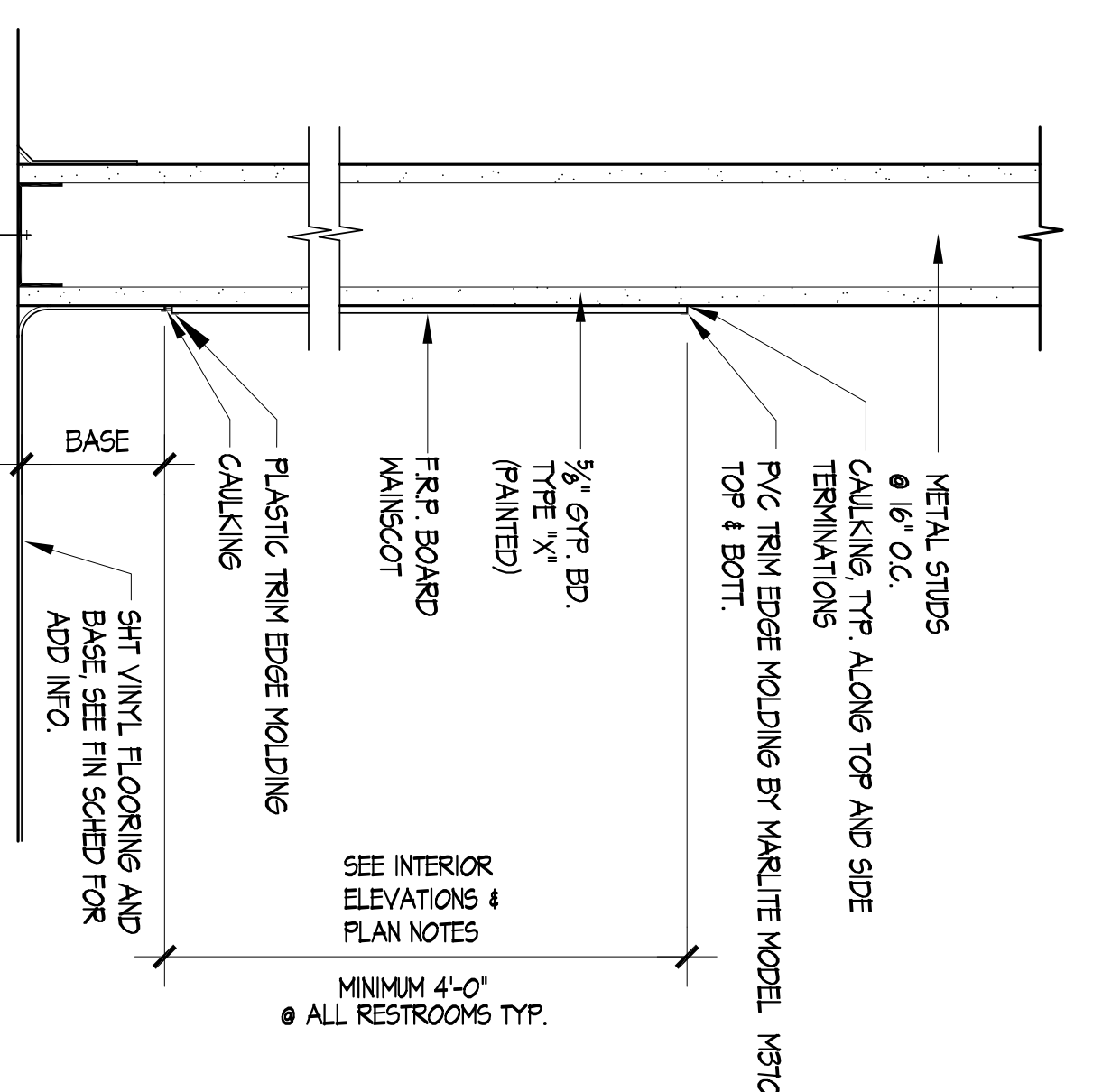
HEAD/JAMB

ISOLATION

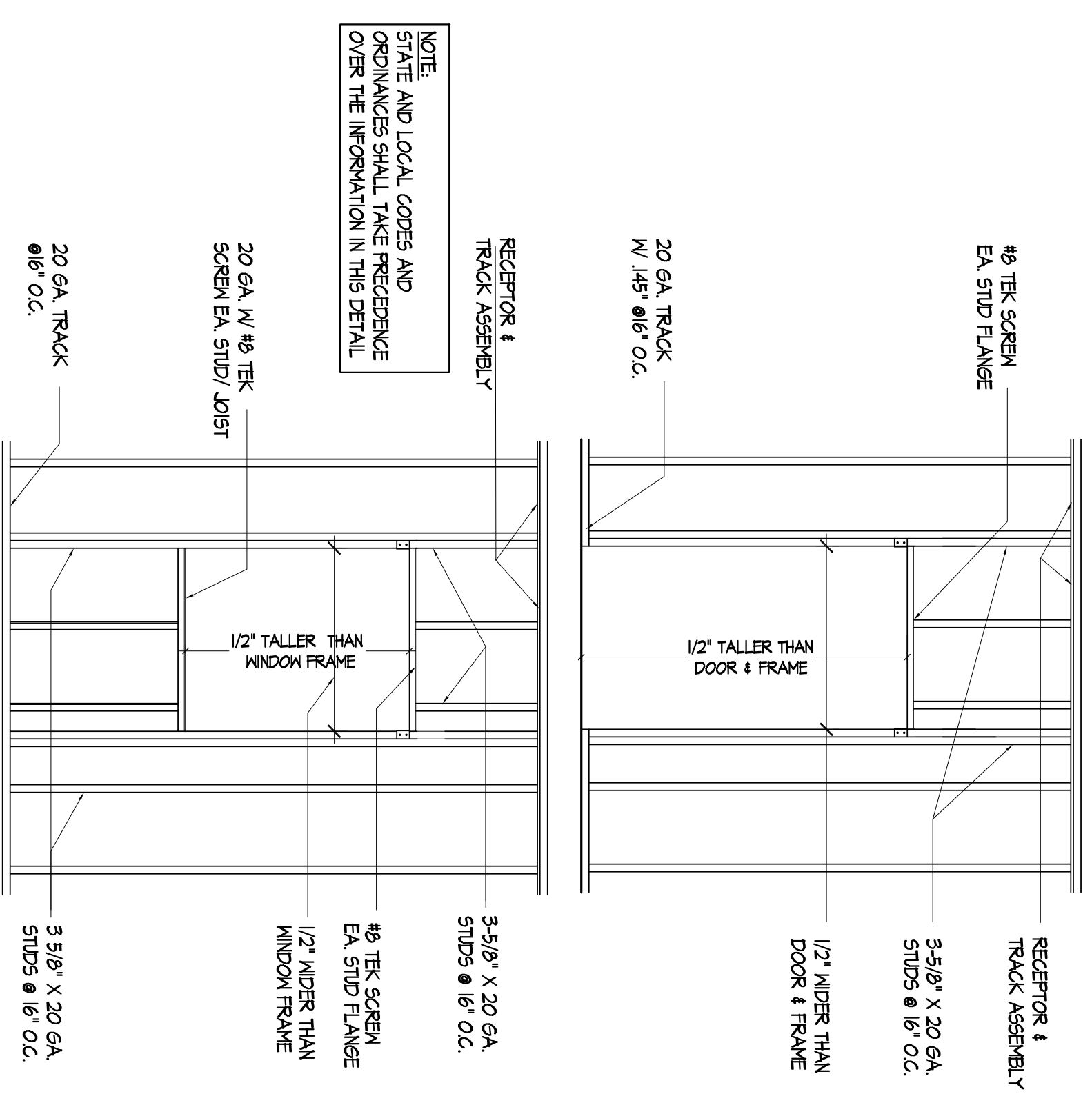
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ISOLATION

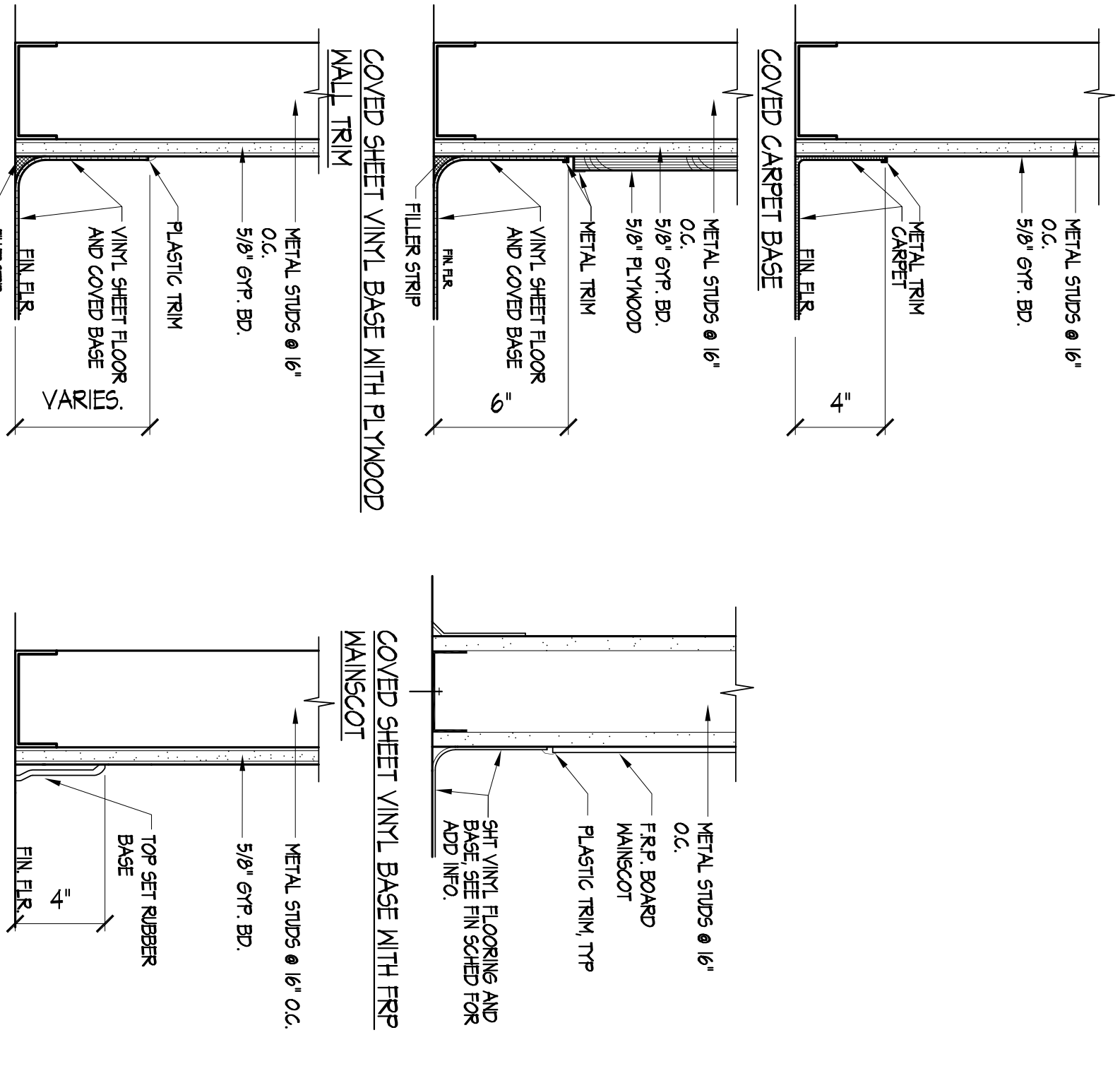
SLIDING WINDOW @ WAITING



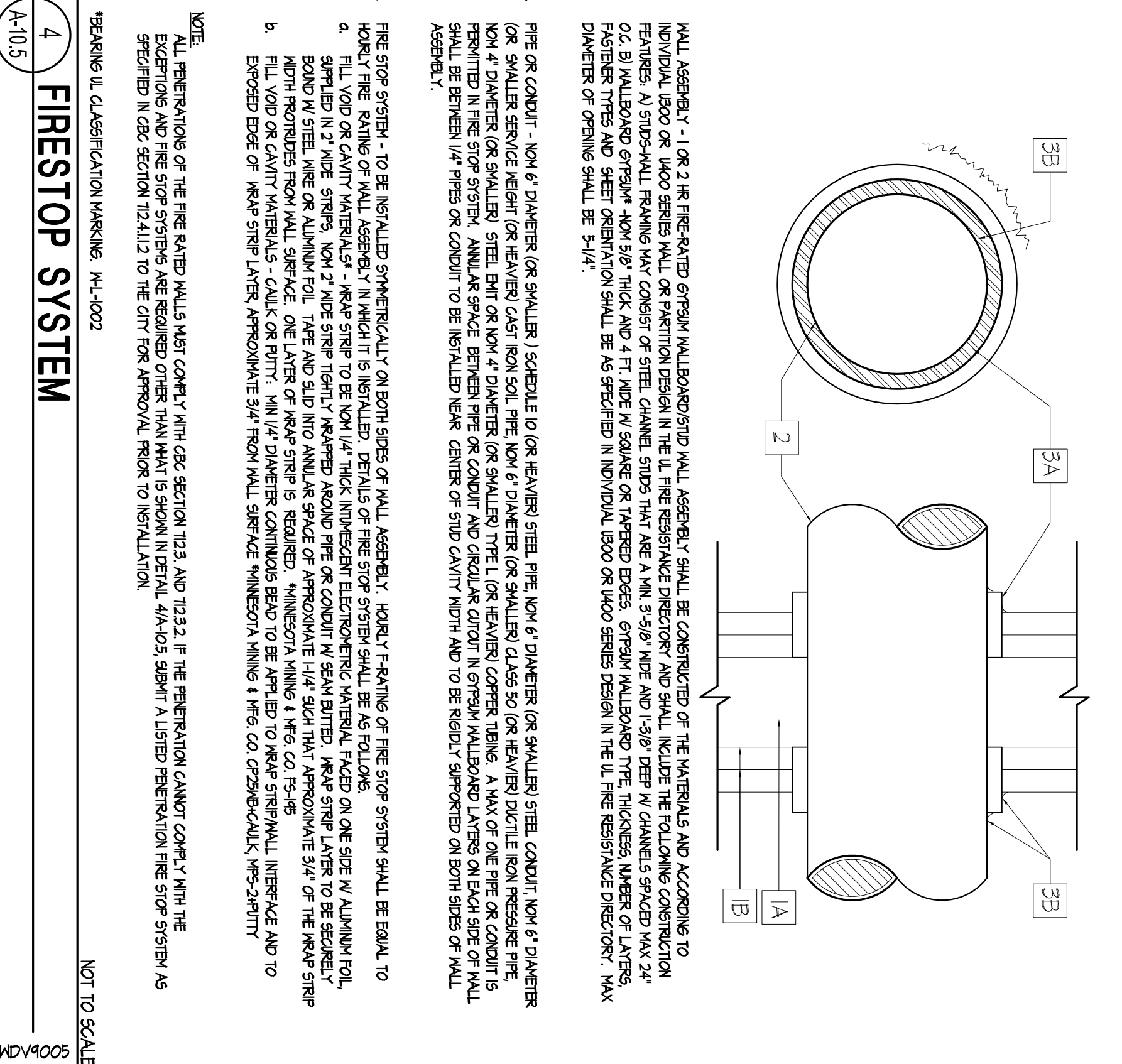
7 F.R.P. BASE DETAIL  
SCALE: 3/4"=1'-0"



5 WINDOW AND DOOR FRAMING  
SCALE: 3/4"=1'-0"



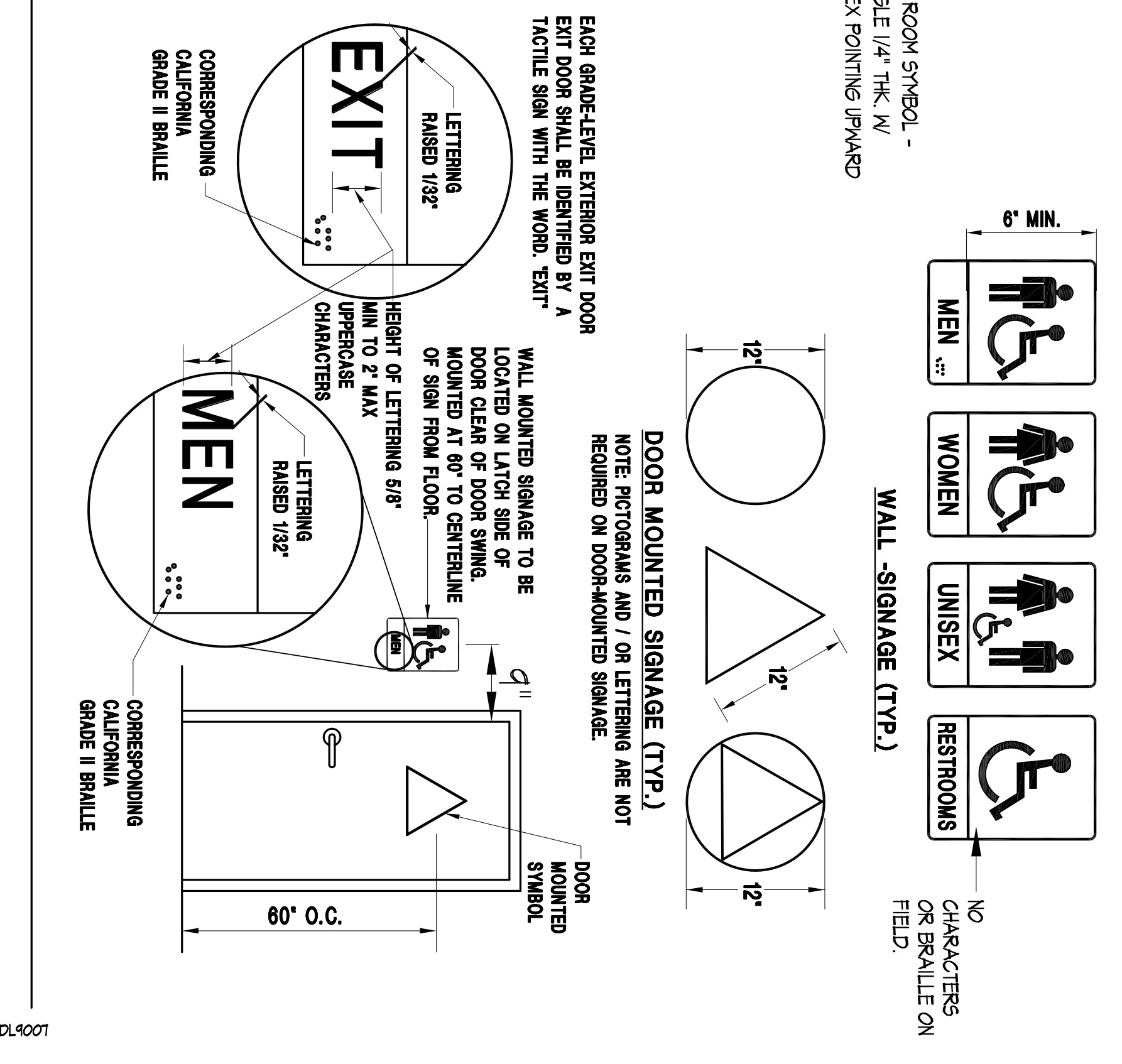
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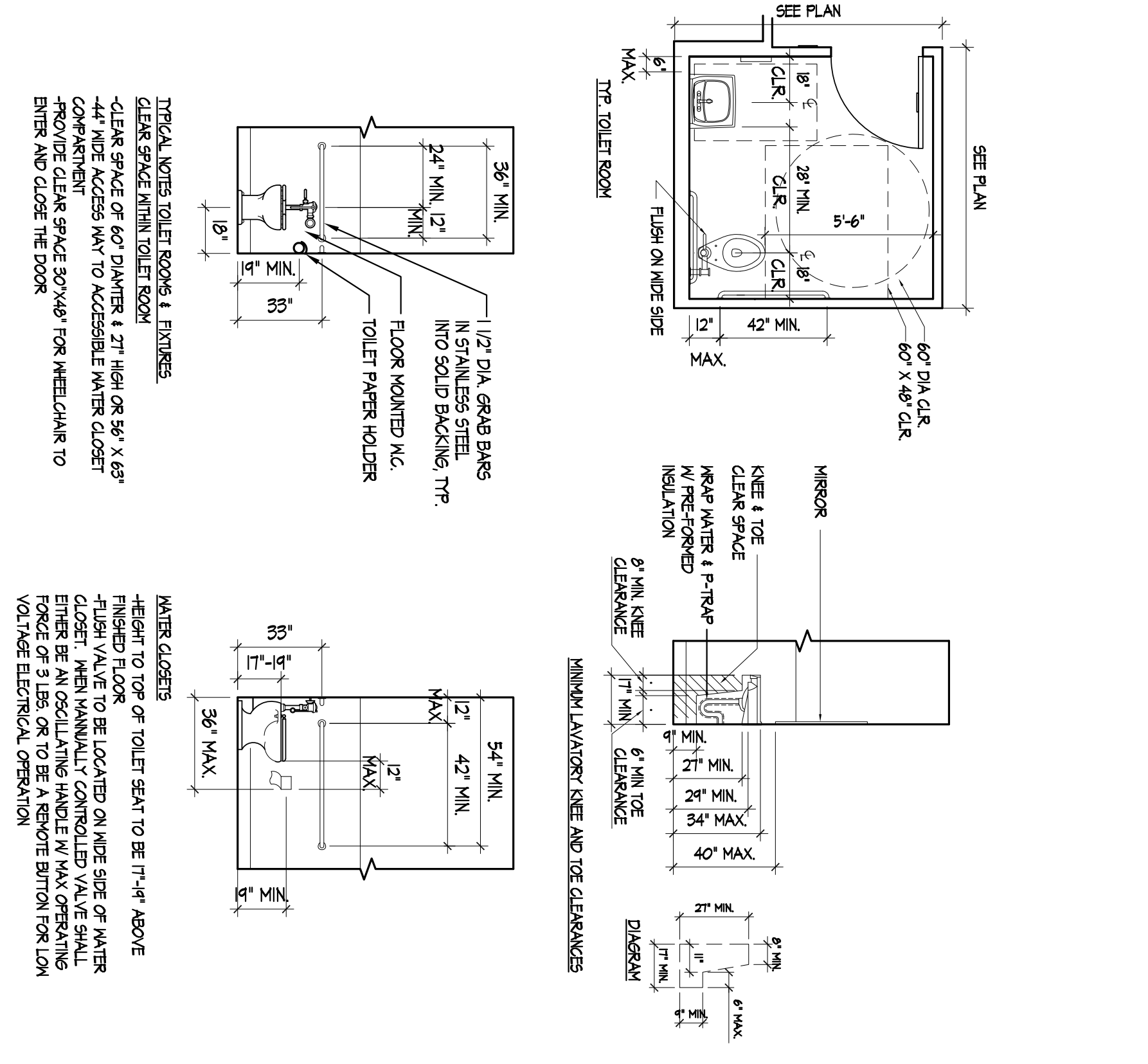
4 FIRESTOP SYSTEM  
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NOT USED

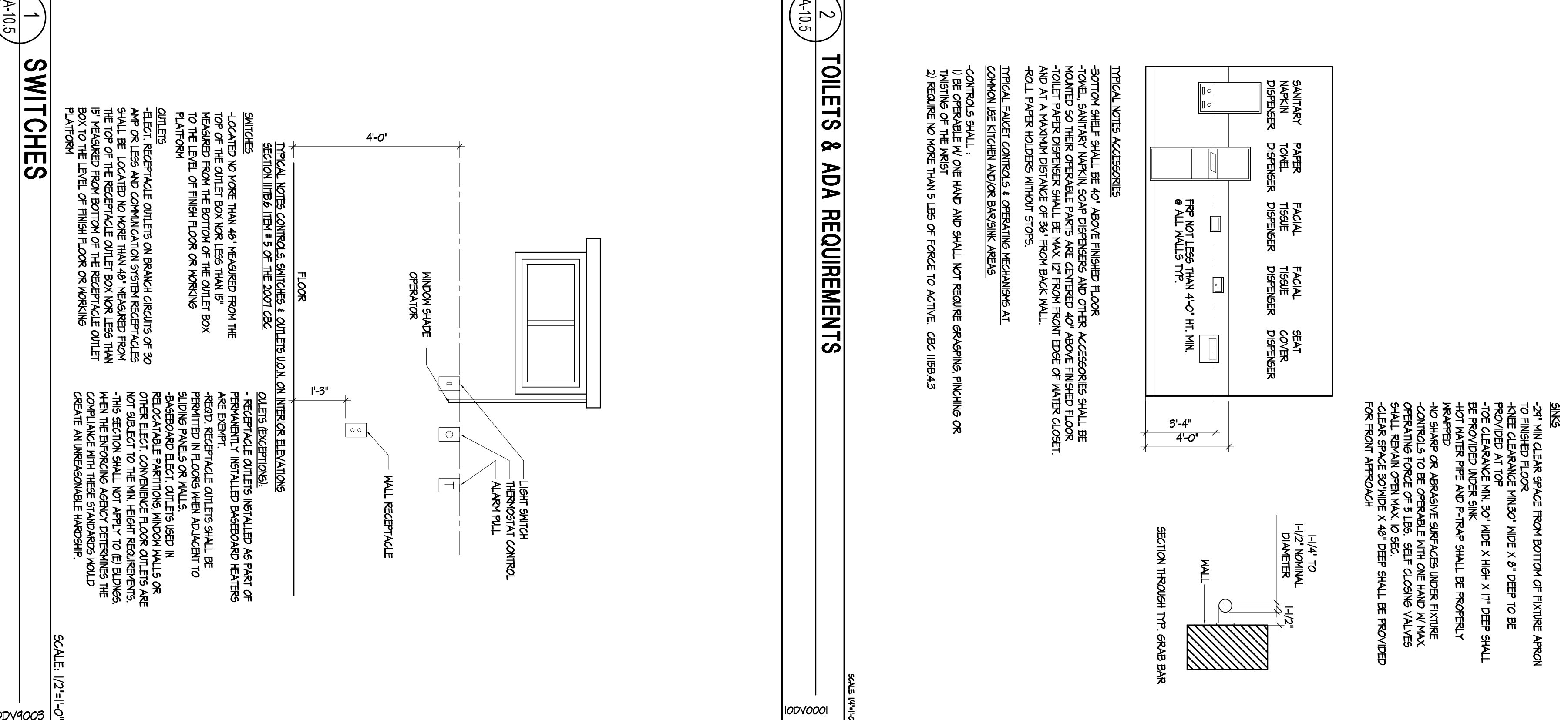
1. SYMBOLS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 60" A.F.F.  
 2. THE SYMBOL COLOR AND CONTRAST SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE ROOM.  
 3. COLOR OF SYMBOL - THE SYMBOL SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. SIGNS ALSO SHALL BE MADE OF A NON-GLASS, NON-REFLECTIVE, RESISTANT SURFACE.  
 4. MOUNTING LOCATION AND HEIGHT WHERE PERMANENT IDENTIFICATION IS PROVIDED OR WHERE SIGNAGE IS REQUIRED FOR ROOMS AND SPACES RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY CALIFORNIA BRAILLE IN CONFORMANCE WITH SECTIONS 11B3.2, 11B3.3, 11B3.5, 11B3.6, 11B3.7, 11B3.8, 11B3.9, 11B3.10, 11B3.11, 11B3.12, 11B3.13, 11B3.14, 11B3.15, 11B3.16, 11B3.17, 11B3.18, 11B3.19, 11B3.20, 11B3.21, 11B3.22, 11B3.23, 11B3.24, 11B3.25, 11B3.26, 11B3.27, 11B3.28, 11B3.29, 11B3.30, 11B3.31, 11B3.32, 11B3.33, 11B3.34, 11B3.35, 11B3.36, 11B3.37, 11B3.38, 11B3.39, 11B3.40, 11B3.41, 11B3.42, 11B3.43, 11B3.44, 11B3.45, 11B3.46, 11B3.47, 11B3.48, 11B3.49, 11B3.50, 11B3.51, 11B3.52, 11B3.53, 11B3.54, 11B3.55, 11B3.56, 11B3.57, 11B3.58, 11B3.59, 11B3.60, 11B3.61, 11B3.62, 11B3.63, 11B3.64, 11B3.65, 11B3.66, 11B3.67, 11B3.68, 11B3.69, 11B3.70, 11B3.71, 11B3.72, 11B3.73, 11B3.74, 11B3.75, 11B3.76, 11B3.77, 11B3.78, 11B3.79, 11B3.80, 11B3.81, 11B3.82, 11B3.83, 11B3.84, 11B3.85, 11B3.86, 11B3.87, 11B3.88, 11B3.89, 11B3.90, 11B3.91, 11B3.92, 11B3.93, 11B3.94, 11B3.95, 11B3.96, 11B3.97, 11B3.98, 11B3.99, 11B3.100.



3 EXIT AND TOILET DOOR DESIGNS  
SCALE: 1/2"=1'-0"



2 TOILETS & ADA REQUIREMENTS  
SCALE: 1/2"=1'-0"



1 SWITCHES  
SCALE: 1/2"=1'-0"

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**Dayita**  
 DAVIS'S TENANT IMPROVEMENTS  
 FOR  
 DAVITA INC.  
 405 Power Parkway  
 Delano, California

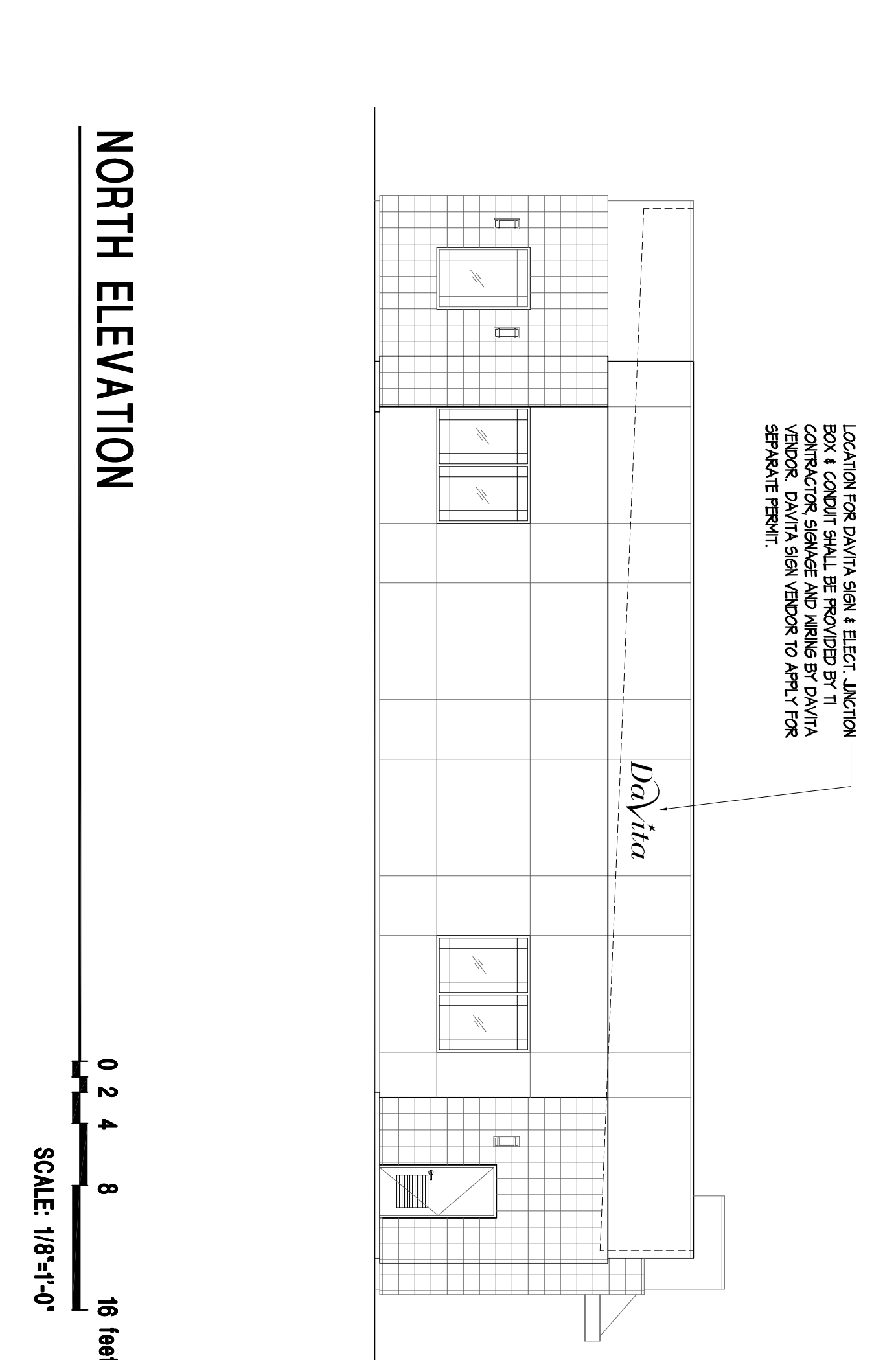
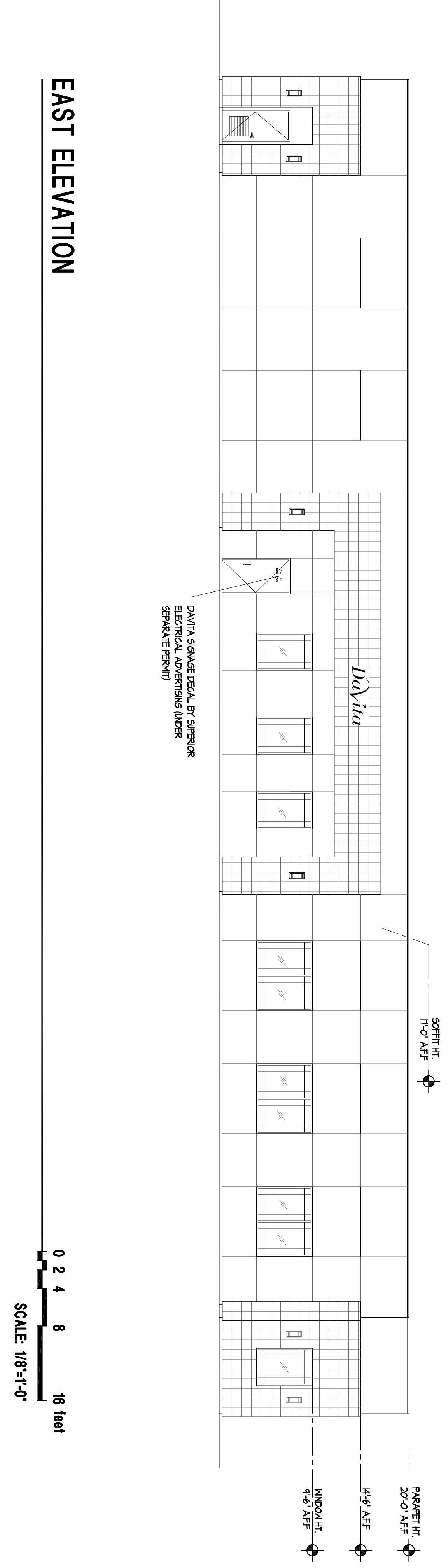
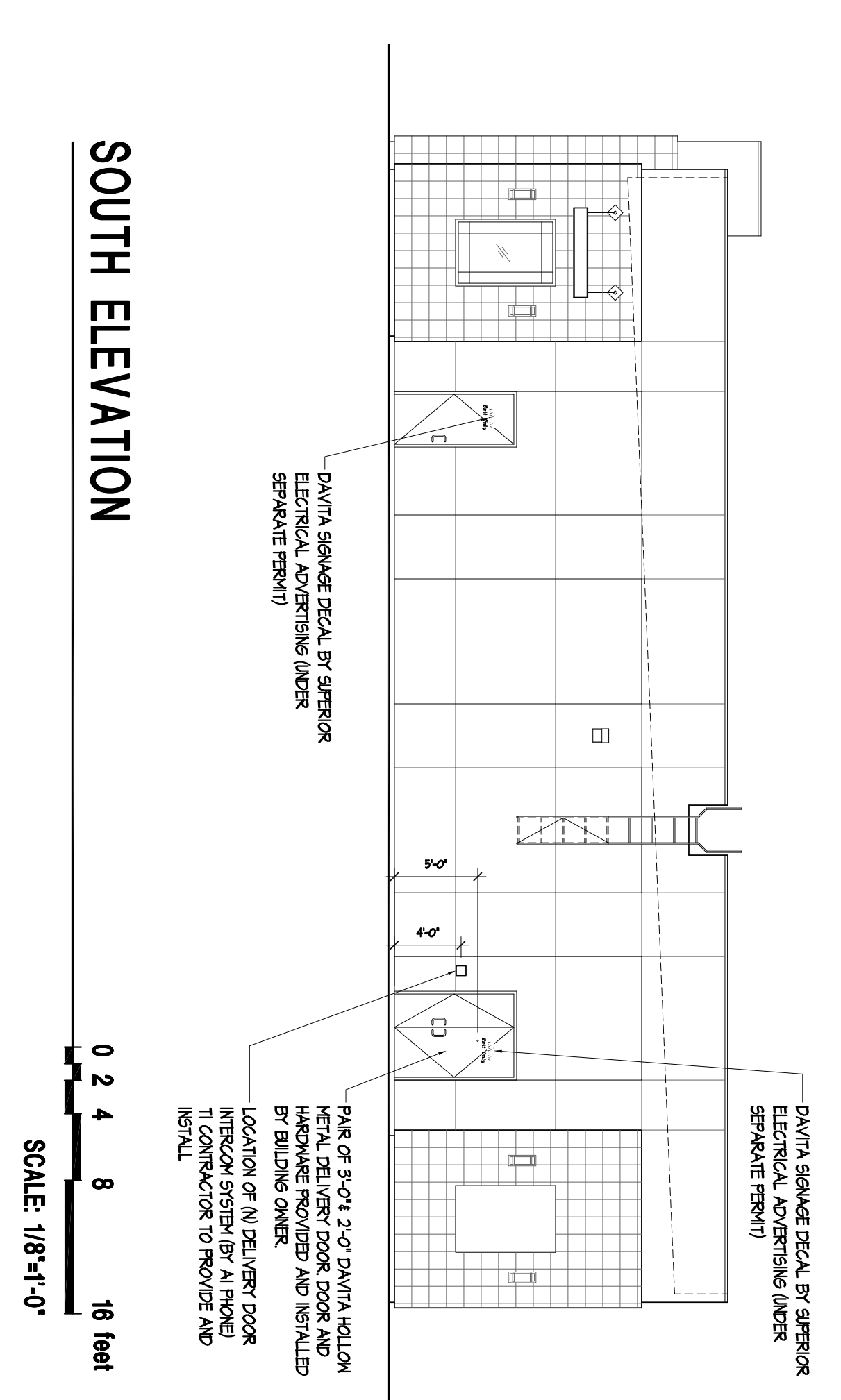
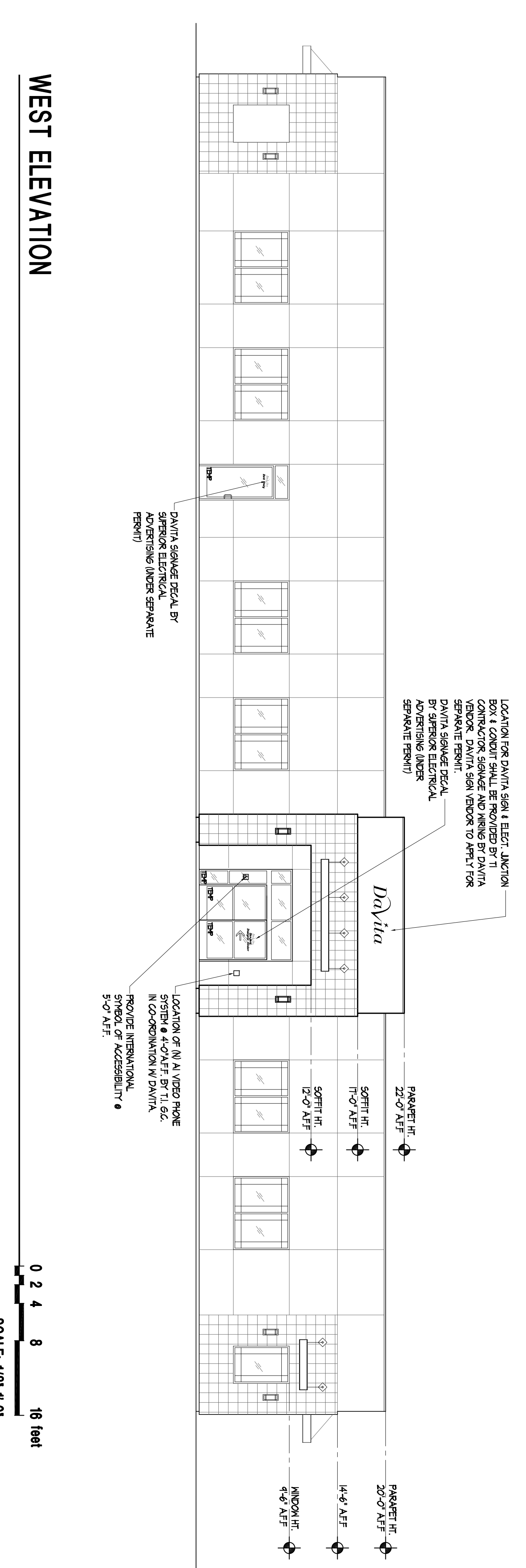
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No.	Description	Date	By						
-	PERMIT SUBMITTAL	12/14/2011	JM						
<p>Job Number 110209</p> <p>CADD Path D:\A-10.5</p> <p>Drawn By JM / JH</p> <p>Checked By DPK</p>	<p>ARCHITECTURAL DETAILS</p> <p>Sheet Number</p> <p><b>A-10.5</b></p>								











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**Davita**  
 DIALYSIS TENANT IMPROVEMENTS  
 FOR  
 DAVITA, INC.  
 405 Power Parkway  
 Delano, California

- NOTE:**
1. THE BUILDING SHELL IS PROVIDED BY THE SHELL GENERAL CONTRACTOR. THE ENVELOPE SHOWN HEREIN IS FOR REFERENCE ONLY. WITH THE EXCEPTION OF THE NOTATIONS INDICATED SCOPE OF WORK TO BE PROVIDED BY THE TI GC.
  2. ALL GLAZING SHALL HAVE HORIZONTAL BLINDS INSTALLED BY DAVITA WINDOW VENDOR. COORDINATE INSTALLATION OF BLINDS WITH FINISH WALLS AND CASE WORK AS NECESSARY FOR COMPLETE AND UNIFORM INSTALLATION AND COVERAGE.
  3. TI GC TO VERIFY ALL EXTERIOR LANDING HEIGHTS TO MEET ACCESSIBILITY. IF IT EXCEEDS 2% SLOPE THEN GC TO BRING IT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT.

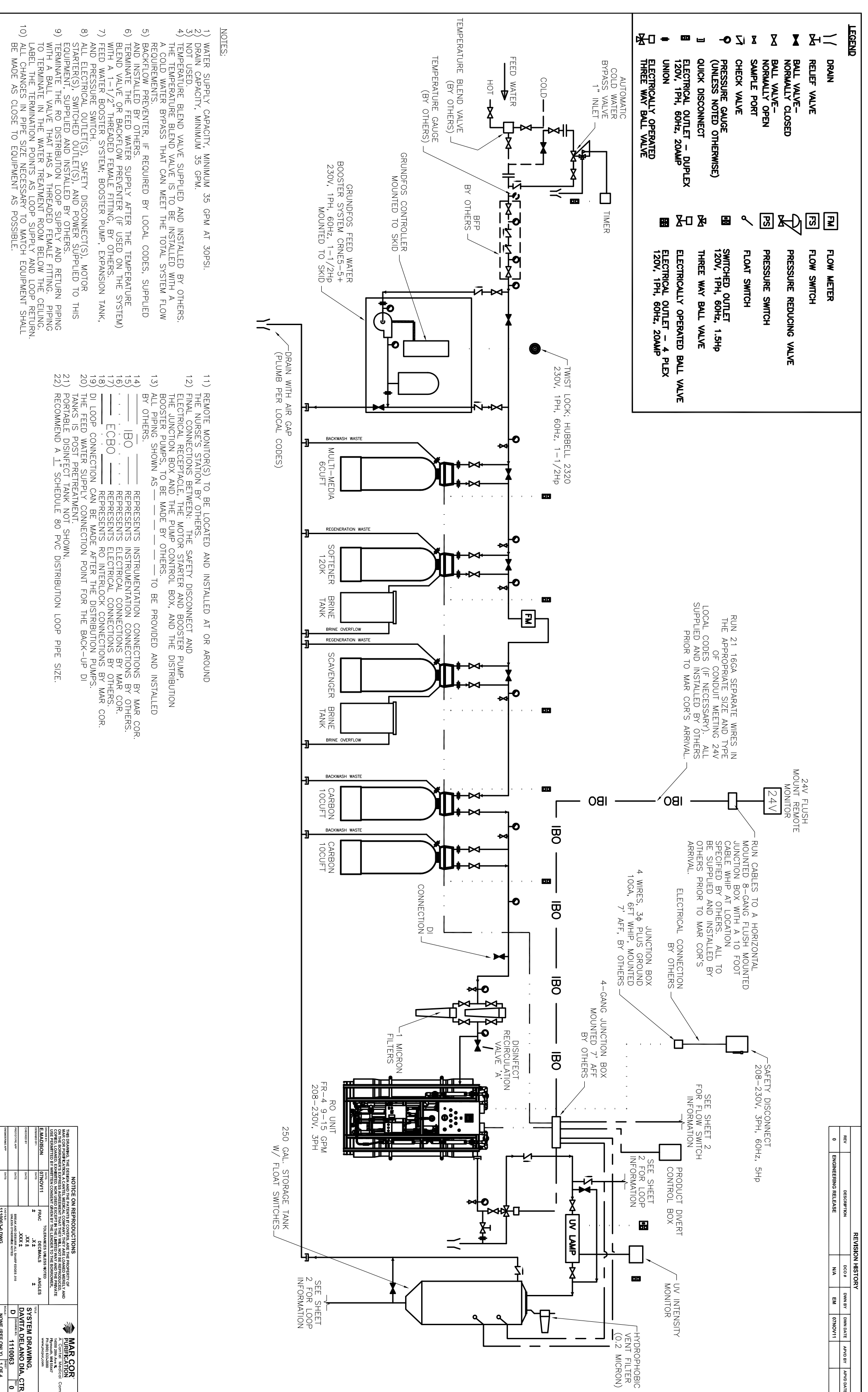
**Architect's Stamp**

SUBMITTAL HISTORY		
No.	Description	Date By
-	PERMIT SUBMITTAL	12/14/2011 JM

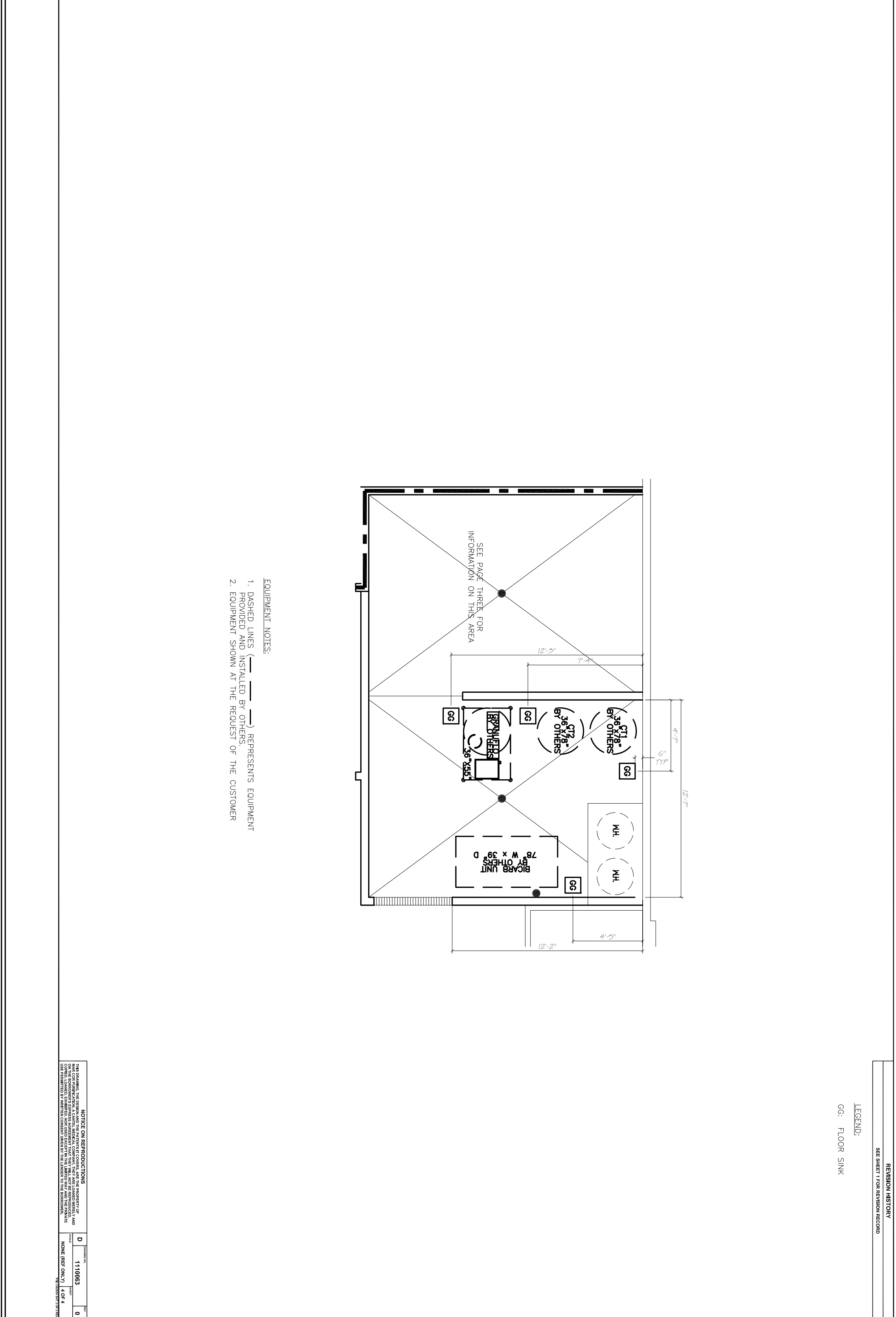
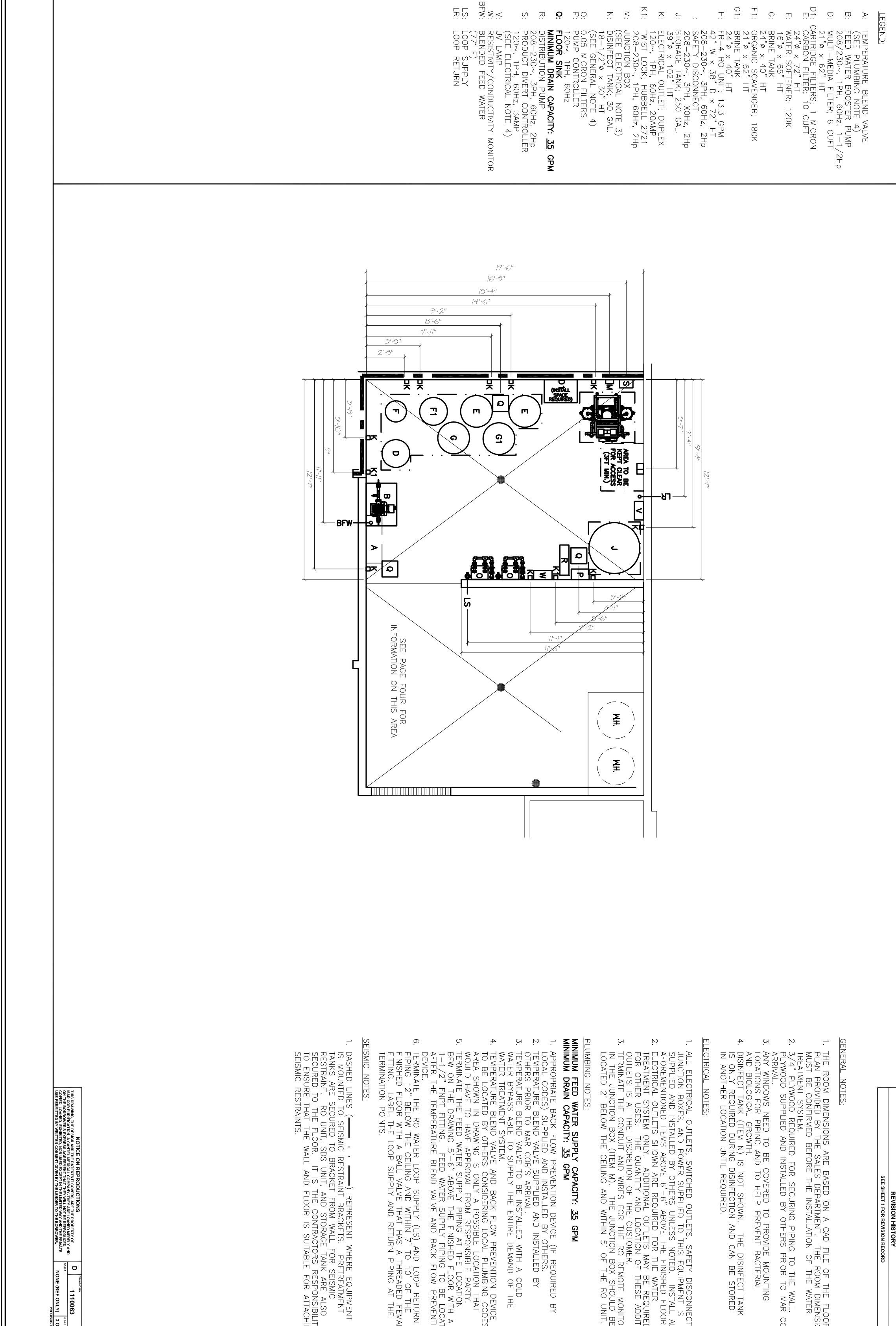
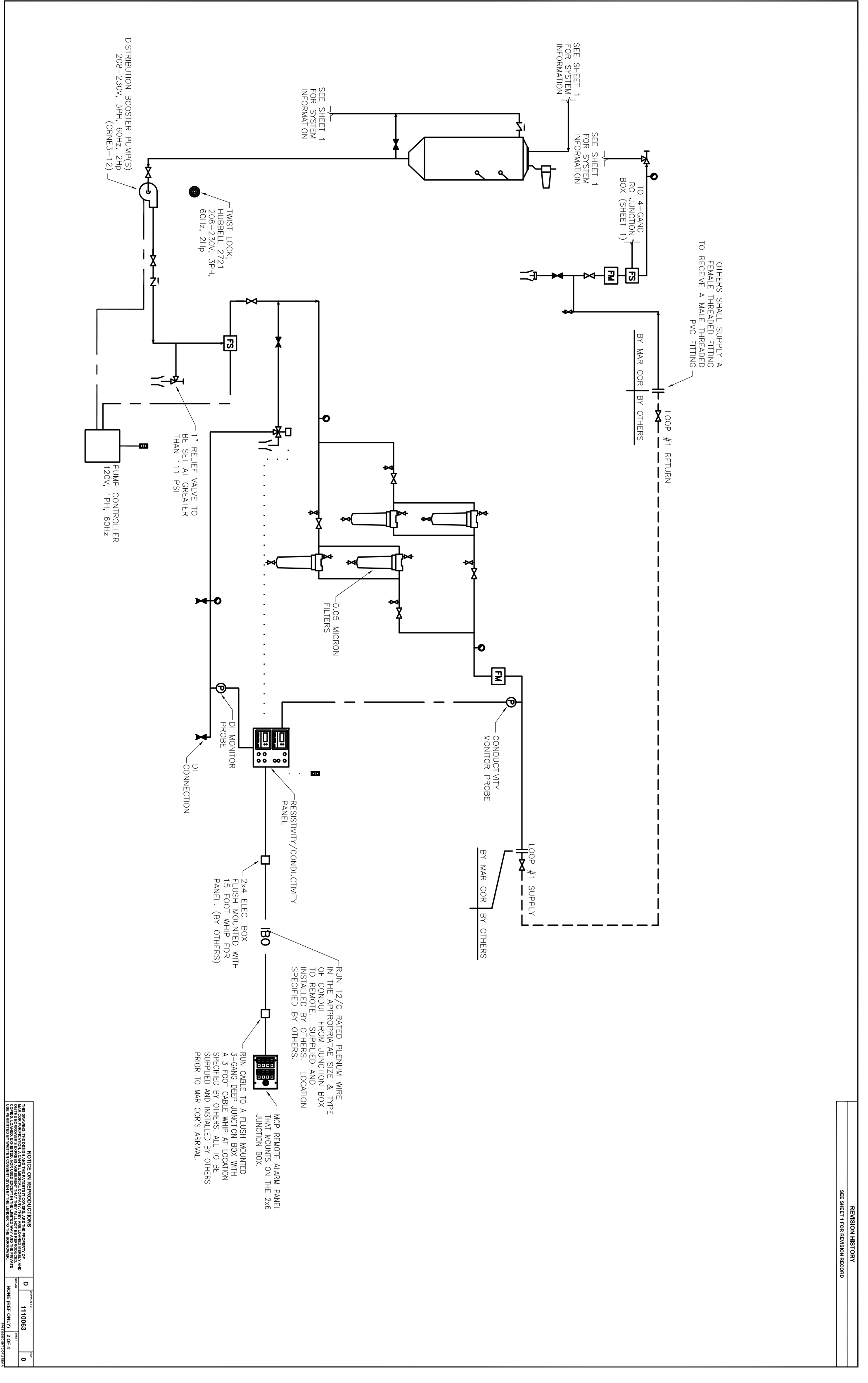
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**EXTERIOR ELEVATIONS**

Job Number	118208	Sheet Number	A-2.2
CADD Path	DD/A-2.2		
Drawn By	JM / JA		
Checked By	DK		



FOR REFERENCE ONLY



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**Davita**  
 FOR  
 DIALYSIS TREATMENT IMPROVEMENTS  
 405 Power Parkway  
 Delano, California

**Job Number** 118208  
**CADD Path** DD/  
**Drawn By** JM / JH  
**Checked By** DPK

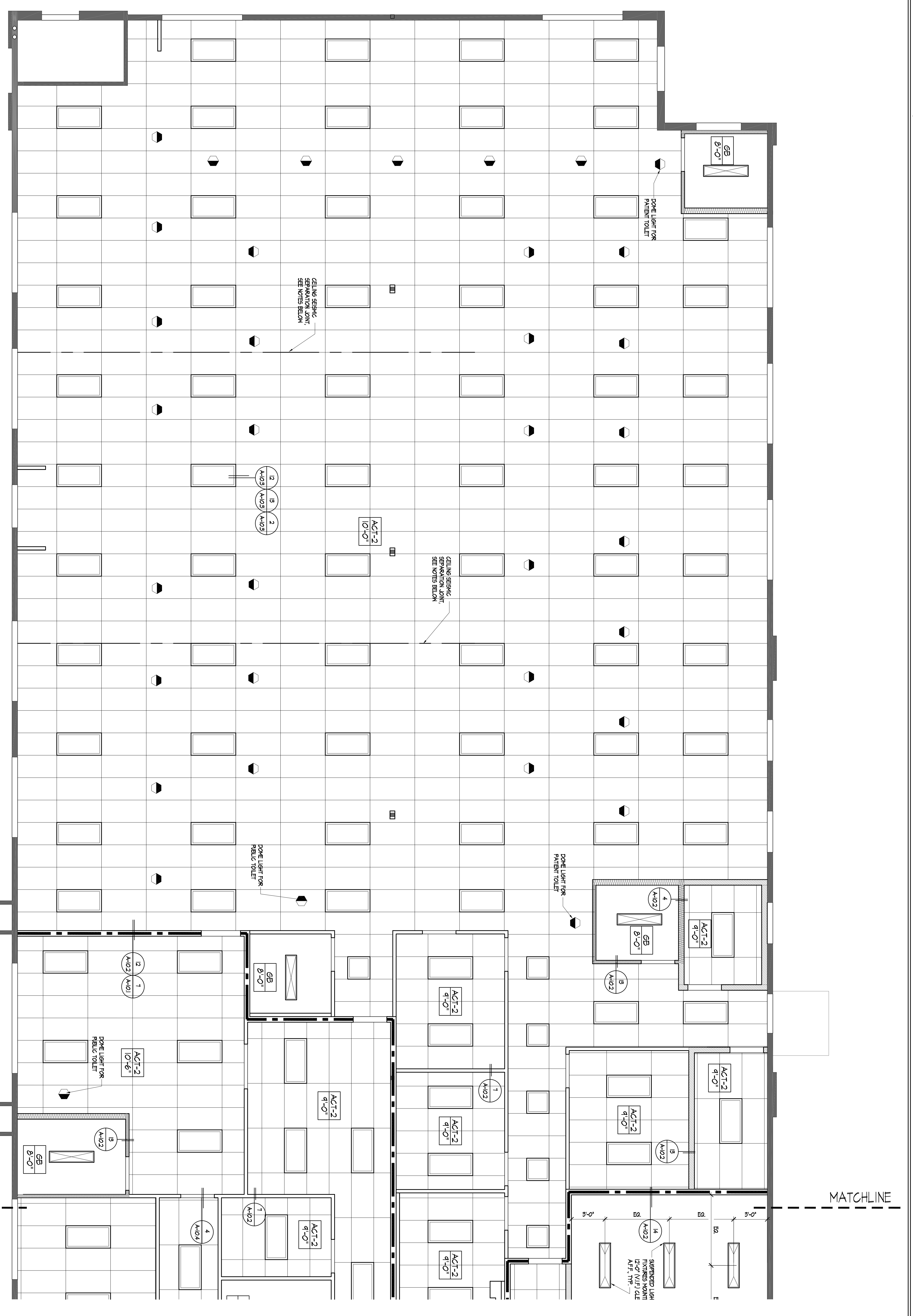
**Sheet Number**  
**A-2.3**

**Water Treatment Room Reference Floor Plans**

Submitted	Description	Date	By
No.	PERMIT SUBMITTAL	12/14/2011	JM

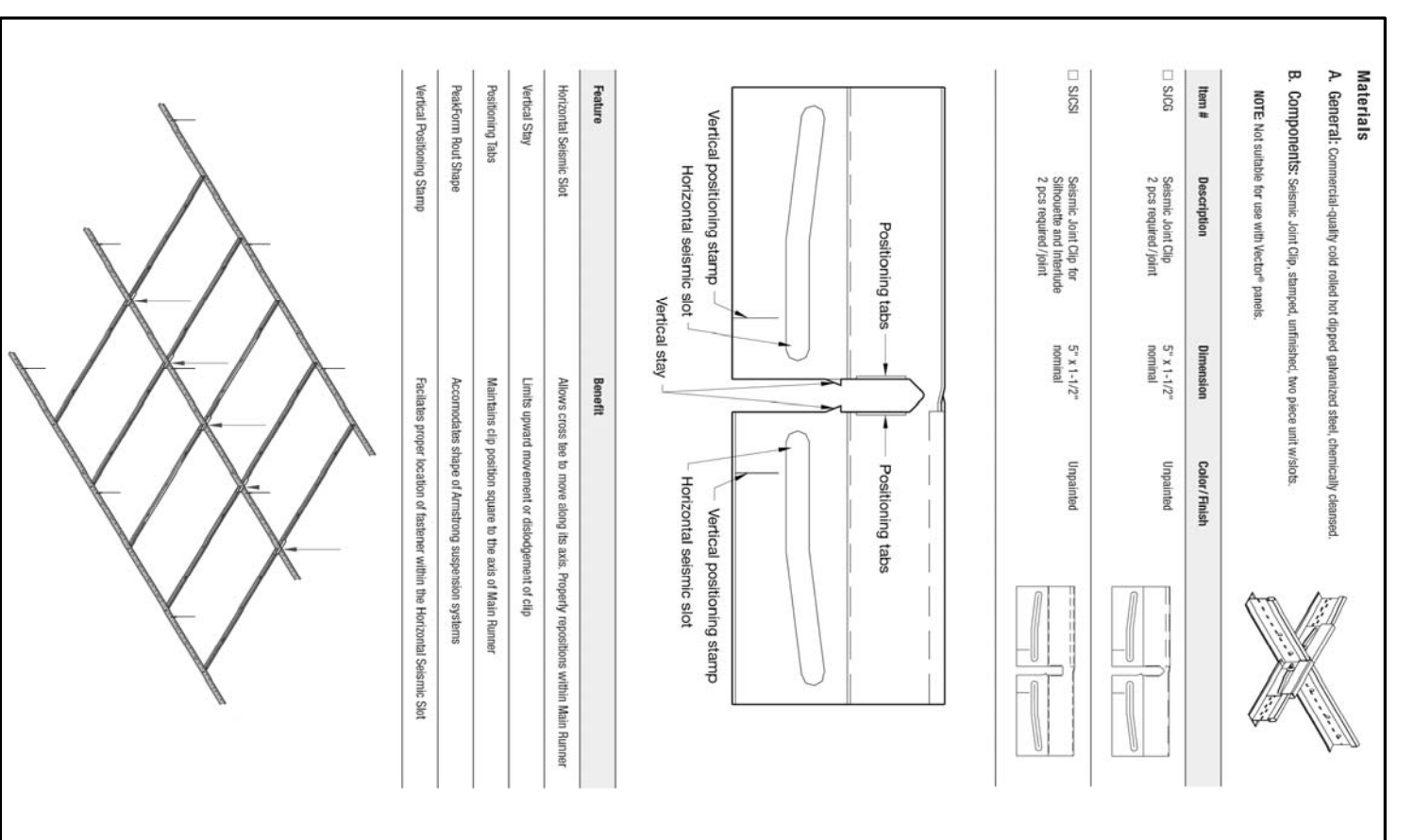
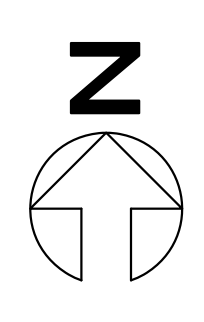
**Architect's Stamp**

**Drawn Title**

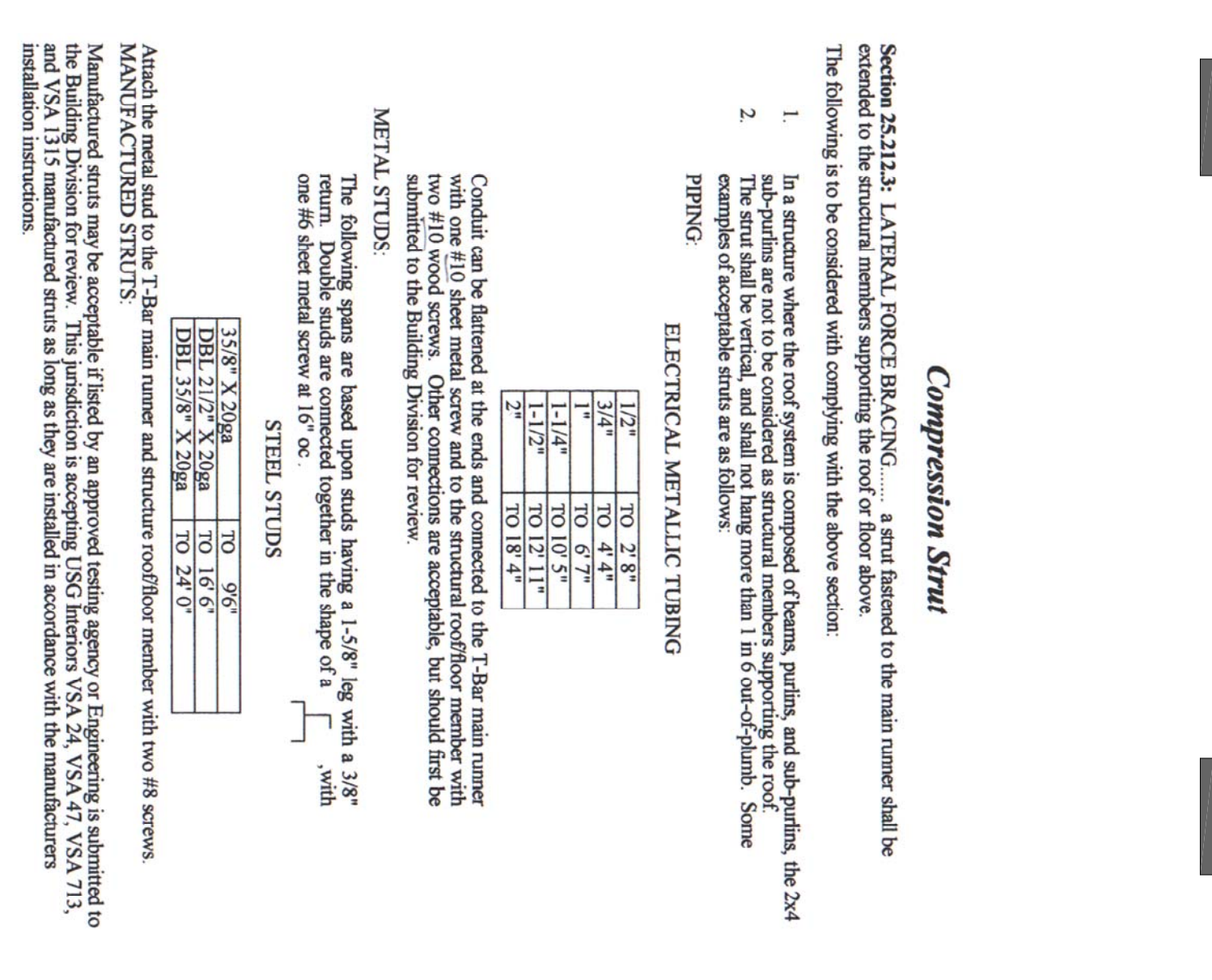


**REFLECTED CEILING PLAN**

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



**SEISMIC JOINT CLIP**



**METAL SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANEL CEILINGS**

- CEILING CONSTRUCTION OF LAY-IN PANELS OR ACOUSTICAL TILE SHALL BE INSTALLED TO SUPPORT HANGERS THAT SUPPORT CEILING OR LAY-IN PANELS FROM WALL TO WALL. SHALL BE DESIGNED FROM THE LATERAL FORCE BRACING SYSTEM. BRACING SHALL BE THE USE OF METALLIC STRIPS (COMPRESSION POSTS) AND SPRAY WEBS.
- LATERAL FORCE BRACING SHALL BE TO REST ON GROUND ANCHORS AND BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. BRACING SHALL NOT EXCEED 48" FROM THE MAIN BEAM.
- SPRAY WEBS SHALL BE TO BE FOR 2 GAUGE WEBS ATTACHED TO THE MAIN BEAM.
- SPRAY WEBS SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS PER SQUARE FOOT (PSF) WITH A SAFETY FACTOR OF 2. HANGERS SHALL BE SPACED AT 24" ON CENTER.
- SPRAY WEBS SHALL BE TO BE INSTALLED AT THE CONNECTION OF THE VERTICAL STRIP TO THE HANGERS.
- VERTICAL STRIPS SHALL BE INSTALLED AT THE CONNECTION OF THE HANGERS TO THE VERTICAL STRIPS TO BE METALLIC STRIPS, OTHER CONNECTIONS ACCEPTABLE BUT CONSULT MANUFACTURER'S INSTRUCTIONS. BRACING SHALL BE SUBMITTED TO BUILDING DIVISION FOR REVIEW.

**CEILING PERIMETER**

- METALLIC EDGE HANGERS PER DETAIL 20A-103, OR 2007 CODE COMPLIANT ALTERNATIVE SHALL BE USED TO SUPPORT CEILING FROM THE END OF THE GRID SYSTEM AT PERIMETER WALLS. SOURCE: SEE SECTION 052221.10.

**INSTALLED SUSPENSION SYSTEM COMPONENTS SHALL:**

- HAVE A MIN. 3/8" CLEARANCE FROM THE WALL OR CROSS THE END TO THE WALL.
- BE SECURED AND ANCHORED WITH ONE ANCHOR ABOVE AND REPLACE.
- ALL MAIN BEAMS ARE TO BE HEAVY DUTY (HD) SOURCE: SEE SECTION 052221.10.
- ALL CEILING TIES SHALL BE CAPABLE OF CARRYING THE DESIGN LOAD WITHOUT EXCEEDING CAPACITY IN CEILING PLANES SHALL BECOME POSITIVE BRACING. SOURCE: SEE SECTION 052221.10.

**LIGHTING FIXTURES:**

- ALL LIGHT FIXTURES SHALL BE MECHANICALLY ATTACHED TO THE SUSPENSION SYSTEM PER DETAIL 406-100 PER FINISH. THE FINISH IS INDEPENDENTLY SUPPORTED.
- EACH FINISH LESS THAN 120" SHALL HAVE A SINGLE 1/2" DIA. HANGING HOOK OR BE MECHANICALLY ATTACHED TO THE STRUCTURE. SOURCE: SEE SECTION 052221.10.
- FINISHES HANGING FROM THE CEILING SHALL BE SUPPORTED BY THE STRUCTURE. SOURCE: SEE SECTION 052221.10.
- FINISHES HANGING FROM THE CEILING SHALL BE SUPPORTED BY THE STRUCTURE. SOURCE: SEE SECTION 052221.10.

**AIR TERMINALS:**

- AIR TERMINALS LESS THAN 20 LBS. SHALL BE POSITIVELY ATTACHED TO THE SUSPENSION SYSTEM.
- AIR TERMINALS THAT WEIGH BETWEEN 20 AND 50 LBS. SHALL BE MECHANICALLY ATTACHED TO THE SUSPENSION SYSTEM. TWO 1/2" DIA. HANGERS SHALL BE ATTACHED FROM THE WALLS TO THE TERMINAL. THE HANGERS MAY BE SLACK. SOURCE: SEE SECTION 052221.10.
- AIR TERMINALS THAT WEIGH MORE THAN 50 LBS. SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE. SOURCE: SEE SECTION 052221.10.

**SEISMIC SEPARATION JOINTS:**

- FOR CEILING AREAS EXCEEDING 2000 SQ. FT. A SEISMIC SEPARATION JOINT OR FULL HEIGHT SEISMIC JOINT SHALL BE INSTALLED THROUGH THE CEILING TIE TO ALLOW FREE MOVEMENT OF THE CEILING SYSTEM. SOURCE: SEE SECTION 052221.10.
- SEISMIC SEPARATION JOINTS SHALL BE PERMITTED BY AN ALTERNATE SOURCE. SEE SECTION 052221.10.

**ACCESSORIES:**

- METALLIC ACCESSORIES AS APPLICABLE TO MEET PROJECT REQUIREMENTS.

**ASTM REQUIREMENTS FOR FIRE RATED MAIN BEAMS**

- LOAD PERFORMANCE AND INSTALLATION OF FIRE RATED MAIN BEAMS IS NON NEGOTIABLE. ADDRESS IN ACHS 1005 AND 1006, TO PROVIDE LOAD PERFORMANCE ALONG THE ENTIRE LENGTH OF A FIRE RATED MAIN BEAM.

**ASTM C636 - 04**

**DAVITA INC.**  
405 Power Parkway  
Danville, California

**DAVITA INC.**  
FOR  
DIALYSIS TREATMENT IMPROVEMENTS

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Fax: 925-834-8132

**NOTE:**  
THE LIGHTING LAYOUT SHOWN IS CONCEPTUAL AND SHOWN FOR REFERENCE ONLY. TO GO TO PROPER INFORMATION LIGHTING TYPE SPECIFICATIONS ARE LISTED ON ELECTRICAL LIGHTING SCHEDULES.

**ABBREVIATIONS:**

- INDICATES GRID/CLIP/POST
- INDICATES FINISH MATERIAL
- INDICATES CEILING HEIGHT
- 2 X 2 RECESSED FLOURESCENT FIXTURE
- 2 X 4 RECESSED FLOURESCENT FIXTURE
- 1 X 4 RECESSED FLOURESCENT FIXTURE
- 2 X 4 SQUARE VOMED FLOURESCENT FIXTURE
- 1 X 4 SQUARE VOMED FLOURESCENT FIXTURE
- 1 X 4 RECESSED FLOURESCENT FIXTURE
- 1 X 1 SQUARE GLOBE FIXTURE
- RECESSED CAN LIGHT FIXTURE

1. SEE SHEET A-01 FOR SYMBOLS AND ABBREVIATIONS  
2. ALL DIMENSIONS ARE TO FACE OF FINISH SURF.  
3. LIGHT FIXTURES SEE ELECTRICAL DRAWINGS  
4. SEE MECHANICAL DRAWINGS FOR MECHANICAL DETAILS  
5. SEE DETAIL A-02 FOR AOD AND PERMANENT TO VERTICAL HANGERS  
6. SEE DETAIL A-03 FOR AOD AND PERMANENT TO VERTICAL HANGERS  
7. SEE DETAIL A-04 FOR AOD AND PERMANENT TO VERTICAL HANGERS  
8. SEE DETAIL A-05 FOR AOD AND PERMANENT TO VERTICAL HANGERS  
9. SEE DETAIL A-06 FOR AOD AND PERMANENT TO VERTICAL HANGERS  
10. SEE DETAIL A-07 FOR AOD AND PERMANENT TO VERTICAL HANGERS  
11. ORIGIN THE JUNCTION BOX FOR THE HANGERS CALL LIGHT SO THAT NUMBERS FACE THE HANGERS STATION.

**NOTE:** THE NAME OF BEAMS, WALLS, THE BUT DISCOUNT SHALL BE DETERMINED AT ALL TIMES THE BUILDING IS OCCUPIED. MAINTAIN HANGERS ONE FOOT ABOVE CEILING LUMINANCE AT THE PROVIDE BEAM/CEILING LUMINANCE AT THE LUMINANCE OF THE EXTERIOR EXIT DISCOUNT IMMEDIATELY ADJACENT TO THE PROVIDED BY IT.

**Architect's Stamp**

**Submitted History**

No.	Description	Date	By
-	PERMIT SUBMITTAL	12/14/2011	JM

**Job Number:** 110208  
**CD/D:** PDH  
**Drawn By:** JM / JH  
**Checked By:** DPK

**Sheet Number:**  
**A-3-1A**

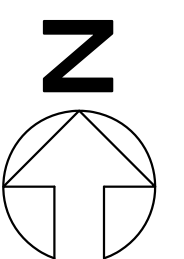


MATCHLINE

MATCHLINE

**REFLECTED CEILING PLAN**

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



**Section 2512.3 LATERAL FORCE BRACING** - a steel frame to the main frame shall be provided for the ceiling. The following is to be considered with the above section:

1. If a condition where the roof is to be considered a structural member supporting the roof, the steel shall be vertical and shall not bring more than 1 in 6 out-of-plumb. Some types of bracing shall be acceptable.

2. PIPING

**COMPRESSION STIFFENING**

7/8"	TO	2 x 8"
3/4"	TO	4 x 4"
1 1/4"	TO	10 x 10"
1 1/2"	TO	10 x 11"
1 1/2"	TO	10 x 11"
1 1/2"	TO	10 x 11"

**ELECTRICAL METALLIC TUBING**

1/2"	TO	2 x 8"
3/4"	TO	4 x 4"
1 1/4"	TO	10 x 10"
1 1/2"	TO	10 x 11"
1 1/2"	TO	10 x 11"

**METALLIC STUDS**

The following sizes are listed upon each having a 1.58" leg with a 3.8" center. Poodle studs are spaced together in the shape of a [diagram] with the center to center spacing as follows:

SIZE	C/C
1 3/8" X 3/8"	10, 9"
1 1/2" X 3/8"	10, 9"
1 1/2" X 3/8"	10, 9"
1 1/2" X 3/8"	10, 9"

Steel studs shall be galvanized steel.

Grids can be fabricated at the end and connected to the 1 1/2" main runner with one (1) steel metal screw and to the structural member with one (1) steel metal screw. All connections shall be made in accordance with the Building Division for review.

**REFERENCE SPECIFICATIONS**  
 AIAA 917-2011 (917.2) 1/2" dia main runner and structure roof member with two #8 screws  
 AIAA 917-2011 (917.2) 1/2" dia main runner and structure roof member with two #8 screws  
 Manufactured studs may be acceptable if tested by an approved testing agency or engineering is submitted to the Building Division for review. This jurisdiction is accepting ISO Section 5.2, VISA 97, VISA 713, VISA 714, VISA 715, VISA 716, VISA 717, VISA 718, VISA 719, VISA 720, VISA 721, VISA 722, VISA 723, VISA 724, VISA 725, VISA 726, VISA 727, VISA 728, VISA 729, VISA 730, VISA 731, VISA 732, VISA 733, VISA 734, VISA 735, VISA 736, VISA 737, VISA 738, VISA 739, VISA 740, VISA 741, VISA 742, VISA 743, VISA 744, VISA 745, VISA 746, VISA 747, VISA 748, VISA 749, VISA 750, VISA 751, VISA 752, VISA 753, VISA 754, VISA 755, VISA 756, VISA 757, VISA 758, VISA 759, VISA 760, VISA 761, VISA 762, VISA 763, VISA 764, VISA 765, VISA 766, VISA 767, VISA 768, VISA 769, VISA 770, VISA 771, VISA 772, VISA 773, VISA 774, VISA 775, VISA 776, VISA 777, VISA 778, VISA 779, VISA 780, VISA 781, VISA 782, VISA 783, VISA 784, VISA 785, VISA 786, VISA 787, VISA 788, VISA 789, VISA 790, VISA 791, VISA 792, VISA 793, VISA 794, VISA 795, VISA 796, VISA 797, VISA 798, VISA 799, VISA 800, VISA 801, VISA 802, VISA 803, VISA 804, VISA 805, VISA 806, VISA 807, VISA 808, VISA 809, VISA 810, VISA 811, VISA 812, VISA 813, VISA 814, VISA 815, VISA 816, VISA 817, VISA 818, VISA 819, VISA 820, VISA 821, VISA 822, VISA 823, VISA 824, VISA 825, VISA 826, VISA 827, VISA 828, VISA 829, VISA 830, VISA 831, VISA 832, VISA 833, VISA 834, VISA 835, VISA 836, VISA 837, VISA 838, VISA 839, VISA 840, VISA 841, VISA 842, VISA 843, VISA 844, VISA 845, VISA 846, VISA 847, VISA 848, VISA 849, VISA 850, VISA 851, VISA 852, VISA 853, VISA 854, VISA 855, VISA 856, VISA 857, VISA 858, VISA 859, VISA 860, VISA 861, VISA 862, VISA 863, VISA 864, VISA 865, VISA 866, VISA 867, VISA 868, VISA 869, VISA 870, VISA 871, VISA 872, VISA 873, VISA 874, VISA 875, VISA 876, VISA 877, VISA 878, VISA 879, VISA 880, VISA 881, VISA 882, VISA 883, VISA 884, VISA 885, VISA 886, VISA 887, VISA 888, VISA 889, VISA 890, VISA 891, VISA 892, VISA 893, VISA 894, VISA 895, VISA 896, VISA 897, VISA 898, VISA 899, VISA 900, VISA 901, VISA 902, VISA 903, VISA 904, VISA 905, VISA 906, VISA 907, VISA 908, VISA 909, VISA 910, VISA 911, VISA 912, VISA 913, VISA 914, VISA 915, VISA 916, VISA 917, VISA 918, VISA 919, VISA 920, VISA 921, VISA 922, VISA 923, VISA 924, VISA 925, VISA 926, VISA 927, VISA 928, VISA 929, VISA 930, VISA 931, VISA 932, VISA 933, VISA 934, VISA 935, VISA 936, VISA 937, VISA 938, VISA 939, VISA 940, VISA 941, VISA 942, VISA 943, VISA 944, VISA 945, VISA 946, VISA 947, VISA 948, VISA 949, VISA 950, VISA 951, VISA 952, VISA 953, VISA 954, VISA 955, VISA 956, VISA 957, VISA 958, VISA 959, VISA 960, VISA 961, VISA 962, VISA 963, VISA 964, VISA 965, VISA 966, VISA 967, VISA 968, VISA 969, VISA 970, VISA 971, VISA 972, VISA 973, VISA 974, VISA 975, VISA 976, VISA 977, VISA 978, VISA 979, VISA 980, VISA 981, VISA 982, VISA 983, VISA 984, VISA 985, VISA 986, VISA 987, VISA 988, VISA 989, VISA 990, VISA 991, VISA 992, VISA 993, VISA 994, VISA 995, VISA 996, VISA 997, VISA 998, VISA 999, VISA 1000.

**METAL SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANEL CEILINGS**

REFERENCE SPECIFICATIONS  
 AIAA 917-2011 (917.2) 1/2" dia main runner and structure roof member with two #8 screws  
 AIAA 917-2011 (917.2) 1/2" dia main runner and structure roof member with two #8 screws

CEILING CONSTRUCTION OF LAY-IN PANELS OF CEILING SHALL BE DONE ON WALL TO WALL...  
 LATERAL FORCE BRACING  
 LATERAL FORCE BRACING SHALL BE TO BE PERFORMED ON CEILING MANHOLES AND BESSON...  
 SPRAY INSULATION  
 SPRAY INSULATION SHALL BE PERFORMED ON CEILING MANHOLES AND BESSON...  
 CEILING PERIMETER  
 METALLIC STUDS PER DETAIL 2512-03, C/P, 2007 CODE COMPLIANT ALTERNATIVE...  
 INSTALLED SUSPENSION SYSTEM COMPONENTS SHALL:  
 HAVE A MIN 3/4" CLEARANCE FROM THE MAIN OR CROSS THE END OF THE WALL...  
 BE SECURED AND SUPPORTED WITH ONE ANOTHER REMOVE AND REPLACE...  
 ALL MAIN BEAMS ARE TO BE HEAVY DUTY (HD) SOURCE: AIAA 917-2011 (917.2) 1/2" dia...  
 ALL CROSS BEAMS SHALL BE CAPABLE OF CARRYING THE DESIGN LOAD WITHOUT EXCEEDING...  
 CHANGES TO CEILING FINISHES SHALL REQUIRE POSITIVE BRACING SOURCE: AIAA 917-2011 (917.2) 1/2" dia...

**DAVITA TENANT IMPROVEMENTS FOR DAVITA INC.**

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**NOTE:**  
 THE LIGHTING LAYOUT SHOWN IS CONCEPTUAL AND SHOWN FOR REFERENCE ONLY. TO GO TO REFER TO ELECTRICAL LIGHTING LAYOUT FOR PROPER INFORMATION. LIGHTING TYPE SPECIFICATIONS ARE LISTED ON ELECTRICAL LIGHTING SCHEDULES.

**ABBREVIATIONS:**

INDICATES 6" DIA. DOE LIGHT

INDICATES 6" DIA. DOE LIGHT

INDICATES FINISH MATERIAL

INDICATES CEILING HEIGHT

2 X 4 RECESSED FLOURESCENT FINIRE

2 X 4 RECESSED FLOURESCENT FINIRE

1 X 4 RECESSED FLOURESCENT FINIRE

2 X 4 SURFACE MOUNTED FLOURESCENT FINIRE

1 X 4 SURFACE MOUNTED FLOURESCENT FINIRE

**SPRINKLERS:**

FOR CEILING AREAS EXCEEDING 200 SQ FT, A BRANCH SUPPRESSION LINE OR FULL HEIGHT RISER SHALL BE INSTALLED TO ALLOW THE CEILING TO BE MECHANICALLY ATTACHED TO THE SPRINKLER SYSTEM. TWO (2) GA. WIRE SHALL BE ATTACHED FROM THE HOUSING TO THE BRANCH SUPPRESSION LINE. SOURCE: AIAA 917-2011 (917.2) 1/2" dia.

**SEISMIC SEPARATION JOINTS:**

FOR CEILING AREAS EXCEEDING 200 SQ FT, A BRANCH SUPPRESSION LINE OR FULL HEIGHT RISER SHALL BE INSTALLED TO ALLOW THE CEILING TO BE MECHANICALLY ATTACHED TO THE SPRINKLER SYSTEM. TWO (2) GA. WIRE SHALL BE ATTACHED FROM THE HOUSING TO THE BRANCH SUPPRESSION LINE. SOURCE: AIAA 917-2011 (917.2) 1/2" dia.

**ACCESSORIES:**

METALLIC ACCESSORIES AS APPLICABLE TO MEET PROJECT REQUIREMENTS.

**ASTM REQUIREMENTS FOR FIRE RATED MAIN BEAMS**

LOAD PERFORMANCE AND INSTALLATION OF FIRE RATED MAIN BEAMS IS NON REFLECTED. ADDRESS IN AIAA 917-2011 (917.2) 1/2" dia.

**ASTM C635 - 04**

NON REFLECTED. THE LOAD PERFORMANCE OF THE RATED MAIN BEAMS BE EVALUATED IF A BEM IS INSTALLED GREATER THAN 5' FROM THE FIRE EXPOSURE. RELIEF NOTION: THE LOAD CARRYING CAPABILITY OF THE MAIN BEAM IS CHECKED AT THAT LOCATION. (SEE SECTION 12.1.1.1.1.1.1)

**ASTM C636 - 04**

NON REFLECTED. A HANGER TO BE LOCATED WITHIN 9" OF EITHER SIDE OF THE FIRE NOTION:

**NOTE:**  
 THE NAME OF BESSON VOUCHERS THE BUT PURCHASE SHALL BE SUBMITTED AT ALL TIMES THE BUILDING IS OCCUPIED. MAINTAIN HUMAN ONE FOOT CLEARANCE LUMINANCE AT THE PROVIDE BESSON VOUCHER LUMINANCE AT THE LAYOUT OF THE EXTERIOR EXIT PURCHASE IMMEDIATELY ADJACENT TO THE PROVIDED BY THE

**Architect's Stamp:**

DATE: 12/4/2011  
 BY: JPM

**Summary History**

No.	Description	Date	By
-	PERMIT SUBMITTAL	12/4/2011	JPM

**RELECTED CEILING PLAN**

Job Number: 110209  
 CADD Path: DO/A-31  
 Drawn By: JPM / JPM  
 Checked By: DPK

Sheet Number: A-3-1B

### COLOR SCHEME : DESERT FINISH

**PLYWOOD:**

- PL-V0-1 5/8" CDX FLYWOOD- 4X8 PANELS
- PL-V0-2 5/8" T&G ACQUA GRADE FLYWOOD PAINTED BRN-1, 4X8 PANELS VERTICAL
- FIBERGLASS REINFORCED PANEL:
- FR-1 MAKE THE PERFORATED BRIDGE PANELS 4'x6' WORK
- FR-2 BRIDGEWORK 60 SERIES SHEET BY INRO COLOR DARK BROWN 022 LOCATED AT WEBB STATION (1'x6' REFR DIRECT SINK ONLY)

**ACOUSTICAL TILE SYSTEM:**

- AC-01 ABRONING CORTEXIAL 9'x9'
- AC-02 CONCRETE TILE AND LAM-IN PANELS COLOR WHITE (M1)
- AC-03 ASSIGNING 5/8" REFLUTE EXPOSED TILE GRID COLOR WHITE

**PLASTIC LAMINATE:**

- PL-1 (COMPOSITE) 9'x9' MILSQUANT CARPET TRIMS 4675-60
- PL-2 (VERTICAL FACED) MILSQUANT MANDOCANT 7095-60
- PL-3 (VERTICAL DOOR FACES AND EDGES) MILSQUANT MANDOCANT 7095-60

**WOOD STAIN:**

- ST-11 CHERRY WOOD WITH STAIN TO MATCH AND CLEAR FINISH FOR DARK DOORS PAINT:
- PL-1 TYPICAL WALL AND CEILING FINISH USED VARIOUS DAN EDWARDS PAINTS
- PL-2 ALLY DORSET FINISH ESSENTIAL BRN-6029 IN ALL TOILET ROOMS AND BLDG-WARE
- PL-4 TYPICAL PAINTED ACQUIT WALL DAN EDWARDS SEA 6145 DE075 (WHERE INDICATED ON PLAN) FINISH EDGEBELL
- PL-5 TYPICAL PAINTED ACQUIT WALL DAN EDWARDS PNE SAND DE0324 (WHERE INDICATED ON PLAN) FINISH EDGEBELL

**CONCRETE FLOOR SEALER:**

- CG-1 ISOPORAD COLOR IS-6 GREEN
- CG-2 INDUSTRIAL GRADE CLEAR CONCRETE SEALER SPARTAN COE POW V.O.V. BAKE PRODUCTS BY BDOCO

**RUBBER BASE:**

- BR-1 BOME 4" HIGH ROLLED STANDARD TOE BASE COLOR P HI BOME CAMEL CARPET:
- C-1 SHAWN EVOLVE 6084 GLOM WITH FLAIR 36295

**NOTE FOR FLOORING CONTRACTORS**

TYPICAL FINISHING SEQUENCE SHALL BE AS FOLLOWS: CONCRETE SLAB SHALL BE FINISHED AND REFINISHED FOR ADDITIONAL QUESTIONS PLEASE CONTACT LOVE STROBER & 415-401-7818

**CAL GREEN CODE NOTES:**

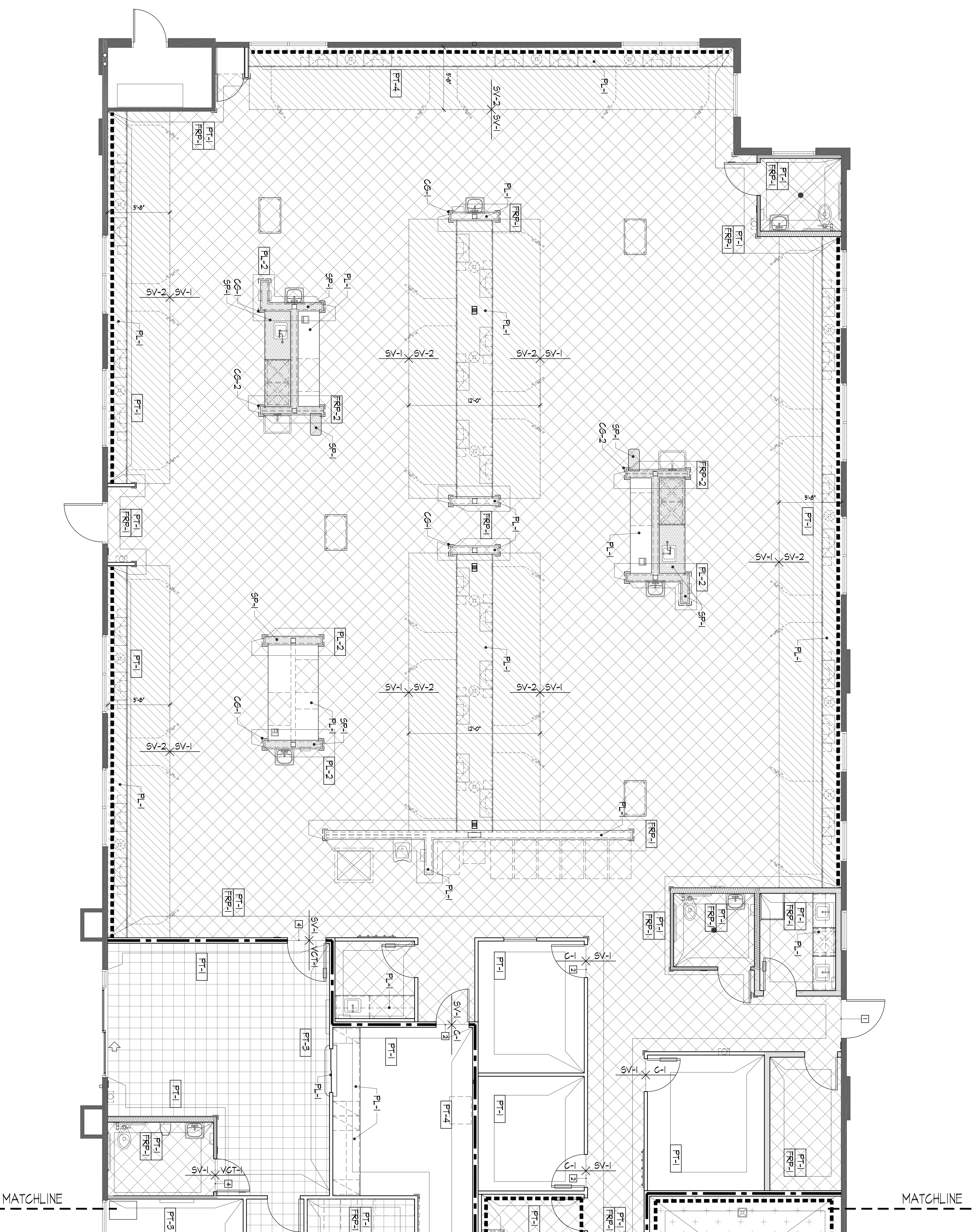
GENERAL CONTRACTOR TO VERIFY THAT ALL FINISH 1529.4 AND 1504.4 & SEE CAL GREEN CHECKLIST ON SHEET A-04 FOR ADDITIONAL INFORMATION.

**FINISH MATERIAL:**

PRODUCT IDENTIFICATIONS	GENERAL CONTRACTOR TO VERIFY AND CONFIRM
CARPET	CERTIFICATION NUMBER 614865 PER CARPET AND SHAW CARPETS
CARPET ADHESIVES	CERTIFICATION NUMBER 614865 PER CARPET RUG SHAW CARPETS
RESILIENT FLOORING SYSTEMS (SHEET VINYL)	FLOOR SCORE CERTIFICATION BY SCIENTIFIC ASSISTING INC. 557-97-9333
RESILIENT FLOORING SYSTEMS (VCT)	FLOOR SCORE CERTIFICATION BY SCIENTIFIC ASSISTING INC. 557-97-9333
PAINTS (EGG SHELL)	CONFORMS TO GREEN SEAL STANDARD 65-11
PAINTS (DAN EDWARDS)	(1ST EDITION) LEED 2009 IEG CRETE 4.2 HANVAM 914-50
PAINTS (EGG SHELL)	(1ST EDITION) LEED 2009 IEG CRETE 4.2 HANVAM 914-50
PAINTS (EGG SHELL)	(1ST EDITION) LEED 2009 IEG CRETE 4.2 HANVAM 914-50

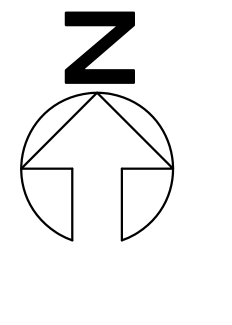
**GENERAL CONTRACTOR TO VERIFY AND CONFIRM**

THAT ALL COMPOSITE WOOD PRODUCTS USED SHALL COMPLY WITH CAL GREEN CODE REQUIREMENTS AND 1529.4 AND 1504.4 OF THE CAL GREEN CODE (SEE SHEET A-04 FOR THE FORMAL VERIFICATION LIMIT TABLE)



### FINISHES PLAN

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



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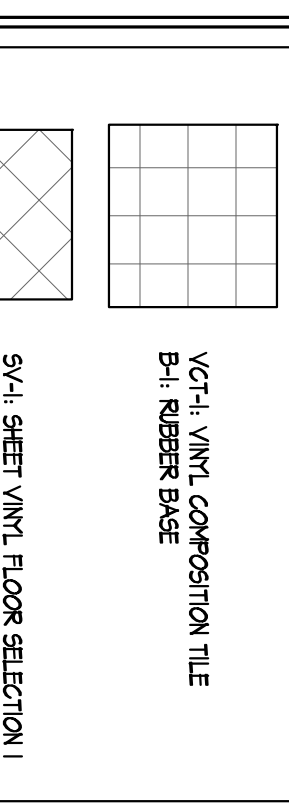
**Davita**  
 DIALYSIS TENANT IMPROVEMENTS  
 FOR  
**DAVITA, INC.**  
 405 Power Parkway  
 Dulano, California

- GENERAL NOTES:**
- ALL EXPOSED FINISH TO BE CLEANED AND FINISHED ALL WORKS
  - BRIT AND ALUMI EDGE OF RFR TO CORNER GARDNS, CARK AND SEAL
  - REMOVE A SOLID COVERED BASE SEE FINISH SCHEDULE
  - THE PAINT COLOR IDENTIFICATION ARE FOR FINISH WALL SURFACE
  - REMOVE TO THE ACQUISITION DESIGN TOLERANCE 6/2 TO VERIFY
  - REMOVE TO THE ACQUISITION DESIGN TOLERANCE IN SCIMITS WALL ABOVE
  - ALL ROOMS RECEIVING VGT SHALL HAVE TYPICAL RUBBER BASE LION CARPET BASE LION
  - ALL ROOMS RECEIVING VGT SHALL HAVE INTERAL COVER BASE
  - SEE DETAIL 1003 TYP (WGT TO SV)
  - SEE DETAIL 1003 TYP (WGT TO SV)
  - SEE DETAIL 1003 TYP (WGT TO SV)
  - SEE DETAIL 1003 TYP (WGT TO SV)

**KEY NOTES:**

- NON-THERMOID
- SEE DETAIL 1003 TYP (WGT TO SV)
- FLOOR TOLERANCE AT DOORWAY SEE DETAIL 6103 TYP (CONK. TO VGT/SA)
- FLOOR TOLERANCE AT DOORWAY SEE DETAIL 1003 TYP (WGT TO SV)

**ABBREV./SYMBOLS:**



**FINISHES FLOOR PLAN**

Job Number 118208  
 CADD Path: DP/A-41  
 Drawn By: LM / JH  
 Checked By: DPK

Sheet Number: **A-4.1A**

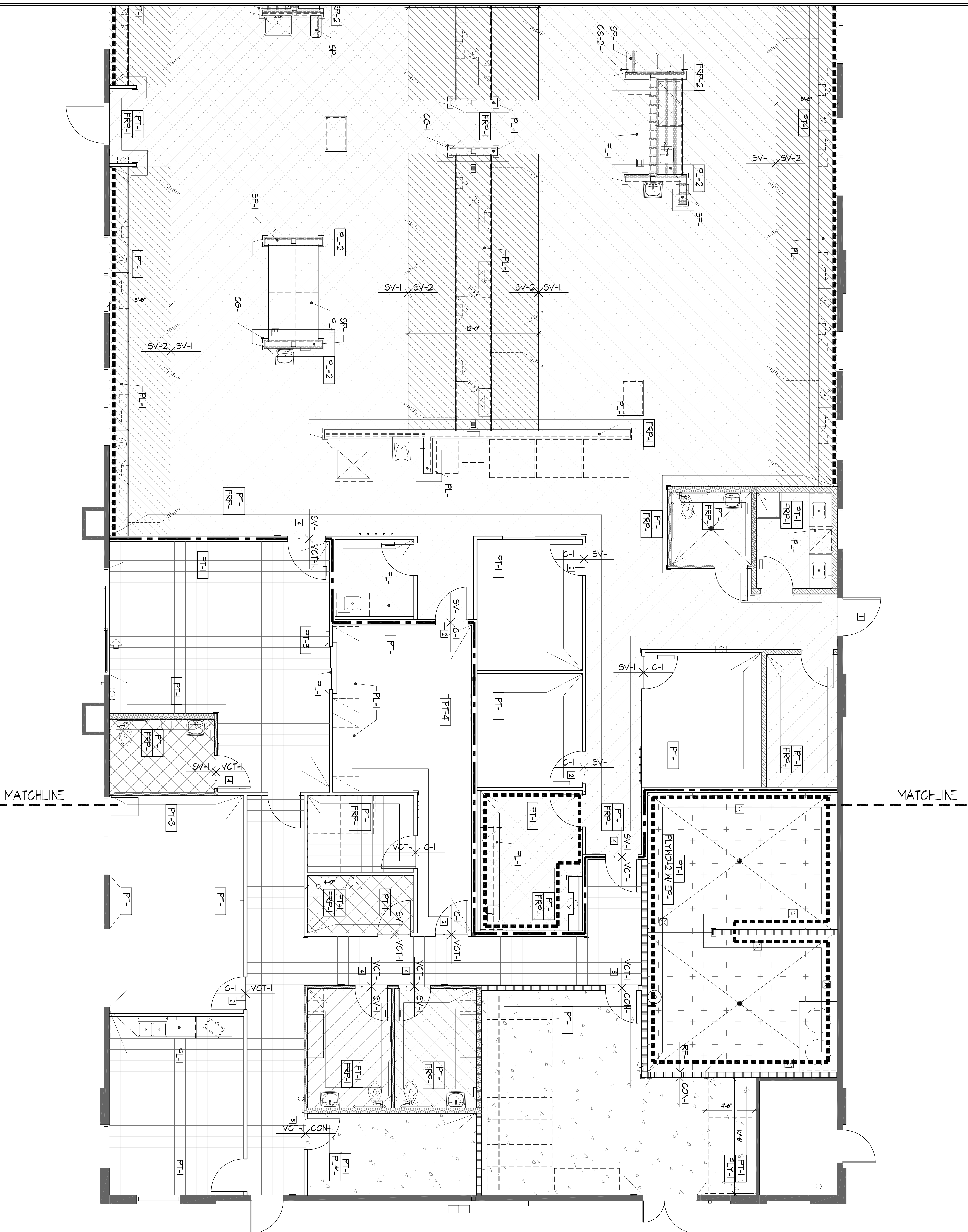
**Revised History:**

No.	Description	Date	By
-	PERMIT SUBMITTAL	12/14/2011	LM

**Architect's Stamp:**

**FINISHES FLOOR PLAN**





### COLOR SCHEME : DESERT FINISH

- PLYWOOD:**  
 PLYWOOD 5/8" THK. GYM PLYWOOD- 4X8 PANELS  
 PLYWOOD 5/8" THK. ADA GRADE PLYWOOD PAINTED EP-1, 4X8 PANELS VERTICAL  
**FIBERGLASS REINFORCED PANEL:**  
 REINFORCED POLYESTER RESIN REINFORCED FIBERGLASS PANELS  
**ACCOUSTICAL TILE SYSTEM:**  
 ACCOUSTICAL TILE AND LAMINATE PANELS COLOR: WHITE (M)  
 6"X6" CONCRETE TILE AND LAMINATE PANELS EXPOSED TILE GRID COLOR: WHITE  
**PAINT:**  
 P-1 (CORNER/95% GLOSS) MILSOMER CORNER 1059-460  
 P-2 (VERTICAL FACED) MILSOMER MANSION 1059-460  
 P-3 (VERTICAL DOOR FACES AND EDGES) MILSOMER MANSION 1059-460  
**WOOD STAIN:**  
 ST-1 (CHERRY WOOD WITH STAIN) TO MATCH AND CLEAR FINISH FOR DARK DOORS  
**PAINT:**  
 PA-1 (TRICAL HALL AND CEILING) MILSOMER VERTIC 1059-460  
 PA-2 (TRICAL HALL) MILSOMER VERTIC 1059-460  
 PA-3 (TRICAL HALL) MILSOMER VERTIC 1059-460  
 PA-4 (TRICAL HALL) MILSOMER VERTIC 1059-460  
 PA-5 (TRICAL HALL) MILSOMER VERTIC 1059-460  
**RESINOUS FLOORING:**  
 RF-1 (FIELD COLOR) ANSTRONING TRANSLUCENT EXCELLEN ANTIQUE WHITE 5181  
**HOLLOW METAL DOOR FRAMES:**  
 HF-1 (HOLLOW METAL) ANSTRONING TRANSLUCENT EXCELLEN ANTIQUE WHITE 5181  
**CONCRETE FLOOR SEALER:**  
 CS-1 (INDUSTRIAL GRADE) CLEAR CONCRETE SEALER SPARTAN COAT POW V.O.V.  
**RUBBER BASE:**  
 RB-1 (BOME 4" HIGH ROLLED STANDARD TOE BASE) COLOR: P H BOME CAMEL  
**CARPET:**  
 C-1 (SHELVING) 6084 GLOM WITH PLANK 5235

### NOTE FOR FLOORING CONTRACTORS

1. GENERAL CONTRACTOR TO VERIFY THAT ALL FINISHES ARE APPLIED TO THE CORRECT SURFACE AND TO THE CORRECT THICKNESS. SEE SHEET A-4.1 FOR ADDITIONAL INFORMATION.

### CAL GREEN CODE NOTES:

- GENERAL CONTRACTOR TO VERIFY THAT ALL FINISHES ARE APPLIED TO THE CORRECT SURFACE AND TO THE CORRECT THICKNESS. SEE SHEET A-4.1 FOR ADDITIONAL INFORMATION.
- FINISH MATERIAL:** PRODUCT IDENTIFICATIONS
- | FINISH MATERIAL                          | PRODUCT IDENTIFICATIONS  |
|--|--|
| CARPET                                   | CERTIFICATION NUMBER 617465 FOR CARPET AND SHAW CARPETS  |
| CARPET ADHESIVES                         | CERTIFICATION NUMBER 617465 FOR CARPET RUG SHAW CARPETS  |
| RESILIENT FLOORING SYSTEMS (SHEET VINYL) | FLOOR SCORE CERTIFICATION BY SCIENTIFIC ASSISTING INC. 505-975-9155  |
| RESILIENT FLOORING SYSTEMS (VCT)         | FLOOR SCORE CERTIFICATION BY SCIENTIFIC ASSISTING INC. 505-975-9155  |
| PAINTS (EGG SHELL)                       | CONFORMS TO GREEN SEAL STANDARD 65-11 (97 EDITION) LEED 2009 (EG CRENT) 4.2. VANANUM 94-130  |
| PAINTS (EGG SHELL)                       | CONFORMS TO GREEN SEAL STANDARD 65-11 (97 EDITION) LEED 2009 (EG CRENT) 4.2. VANANUM 94-130  |
| CONCRETE SEALERS                         | GENERAL CONTRACTOR TO VERIFY AND CONFIRM THAT ALL CONCRETE SEALERS ARE APPLIED TO THE CORRECT SURFACE AND TO THE CORRECT THICKNESS. SEE SHEET A-4.4 FOR THE FORMAL/DEVTE LIMIT TABLE |

**Stephen E. Harriman A.I.A.**  
 Architect & Interior Design  
 1801 Oakland Blvd, Suite 300  
 Walnut Creek, California 94598  
 Tel: 925-934-1160  
 Fax: 925-934-8132

**DAVITA**  
 FOR  
 DAVITA, INC.  
 405 Power Parkway  
 Delano, California

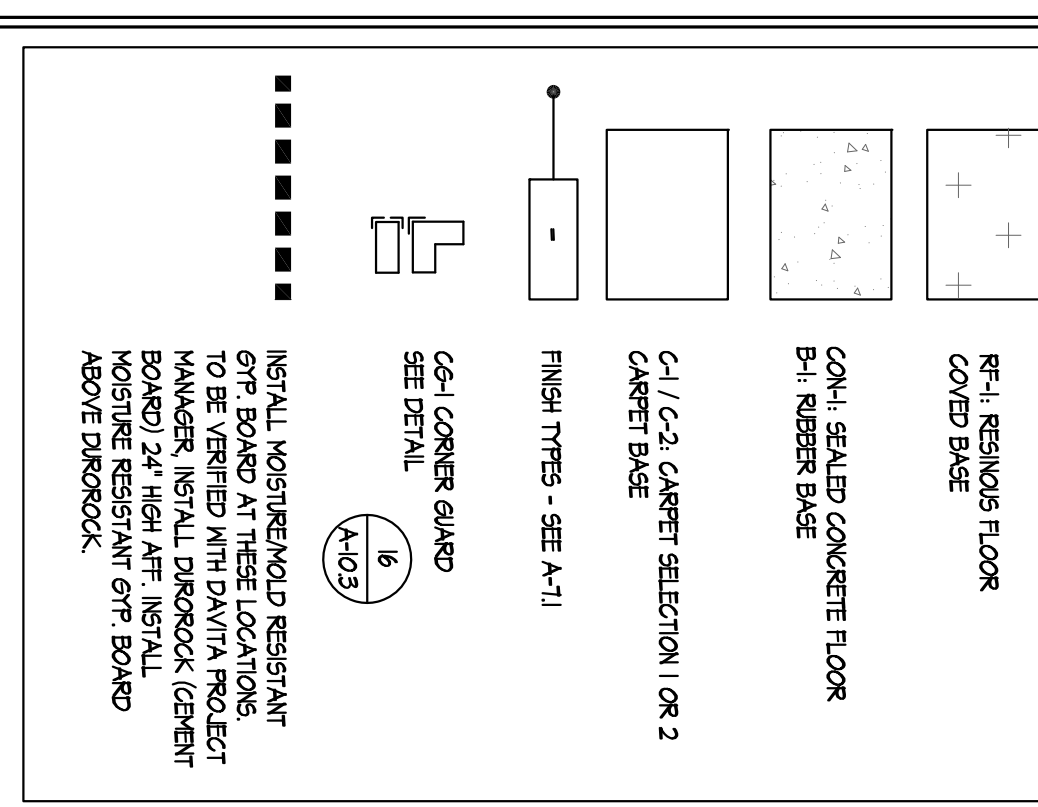
**DAVIS SS TENANT IMPROVEMENTS**

- ### GENERAL NOTES:
- ALL EXPOSED FINISH TO BE CLEANED AND PAINTED. ALL WORKS TO BE DONE IN ACCORDANCE WITH THE PROJECT MANUAL.
  - VERIFY ALL FINISHES ARE APPLIED TO THE CORRECT SURFACE AND TO THE CORRECT THICKNESS. SEE SHEET A-4.1 FOR ADDITIONAL INFORMATION.
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### KEY NOTES:

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### ABBREV./SYMBOLS:



### Architect's Stamp

No.	Description	Date	By
-	PERMIT SUBMITTAL	12/14/2011	JM

### FINISHES FLOOR PLAN

Job Number	118208	Sheet Number	
CADD Path	DD/A-41	Drawn By	JM / JN
Checked By	DPK		

### FINISHES FLOOR PLAN

### FINISHES PLAN

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

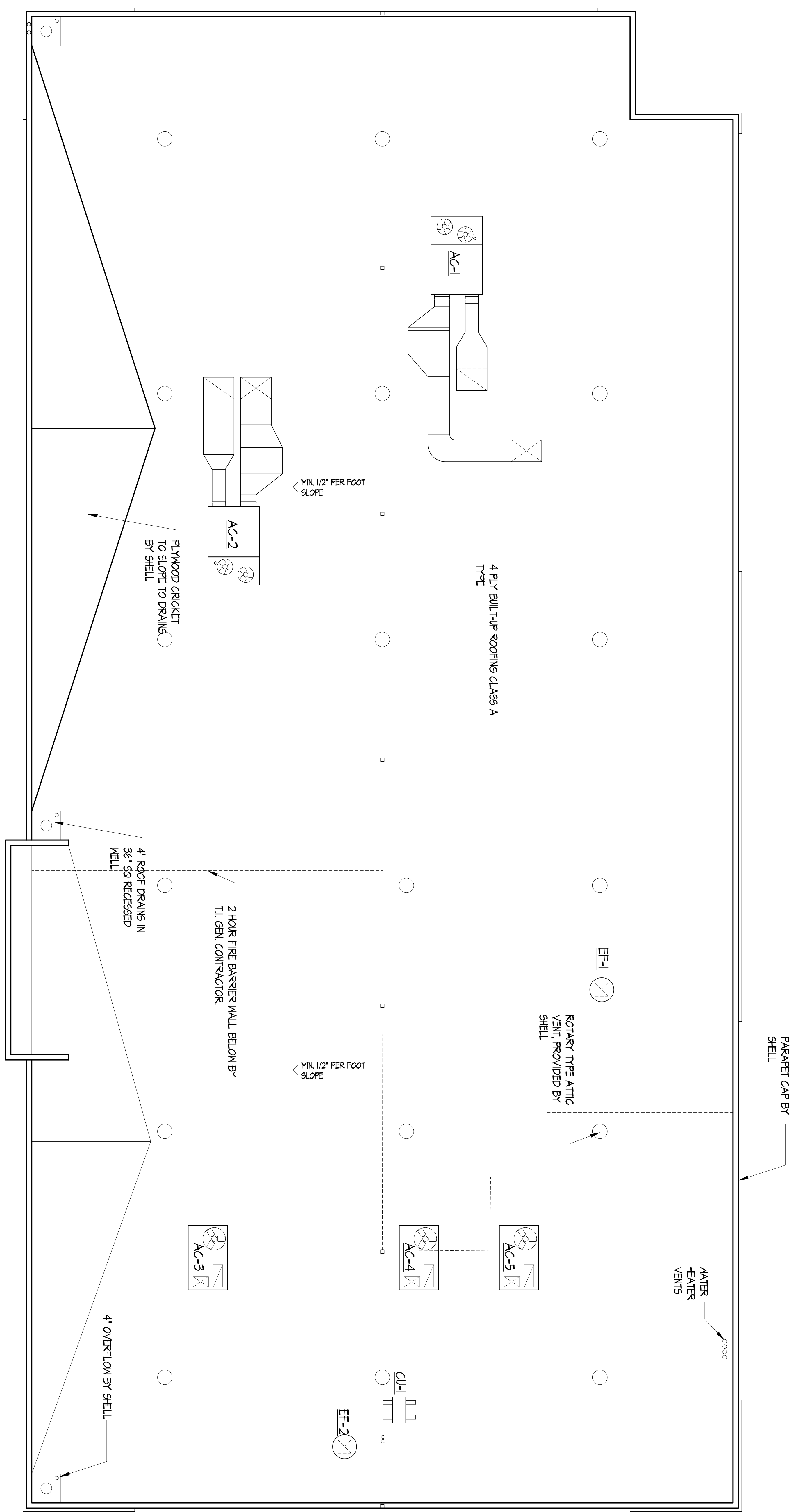
0 2 4 8 feet

Building Permit Submittal

**Davita**  
 DIALYSIS TENANT IMPROVEMENTS  
 FOR  
**DAVITA, INC.**  
 405 Power Parkway  
 Delano, California

**NOTE:**  
 1. THE BUILDING SHELL IS PROVIDED BY THE SHELL GENERAL CONTRACTOR. THE DETAIL SHOWN HEREIN IS FOR REFERENCE ONLY, WITH THE EXCEPTION OF THE NOTATIONS INDICATED SCOPE OF WORK TO BE PROVIDED BY THE T.I.G.C.  
 2. THE BUILDING SHELL CONTRACTOR SHALL PROVIDE THE HVAC EQUIPMENT PENETRATIONS (CURBS, FLASHING REINFORCEMENT, AND CHAS. THE T.I.G.C. CONTRACTOR SHALL PROVIDE ALL THE HVAC UNITS/FIRE DAMPERS, FIRE SMOKE DAMPERS, DUCTWORK, FILTER BANKS, EXHAUST FANS, ANY OTHER EQUIPMENTS ON ROOF AND DUCT DISTRIBUTION BELOW ROOF. T.I.G.C. IS RESPONSIBLE FOR MISCELLANEOUS ROOF SLEEPS AND SIMILAR SUPPORTS FOR DUCTWORK DISTRIBUTION ON ROOF.

LANDLORD IS RESPONSIBLE FOR THE STRUCTURAL SUPPORT OF THE AC UNITS. THESE DRAWINGS WERE SUBMITTED UNDER SEPARATE PERMIT.  
 SEE MECH DRAWINGS FOR ADDITIONAL INFORMATION ON ROOF EQUIPMENT EXHAUST FANS AND OTHER PERTINENT INFORMATION.



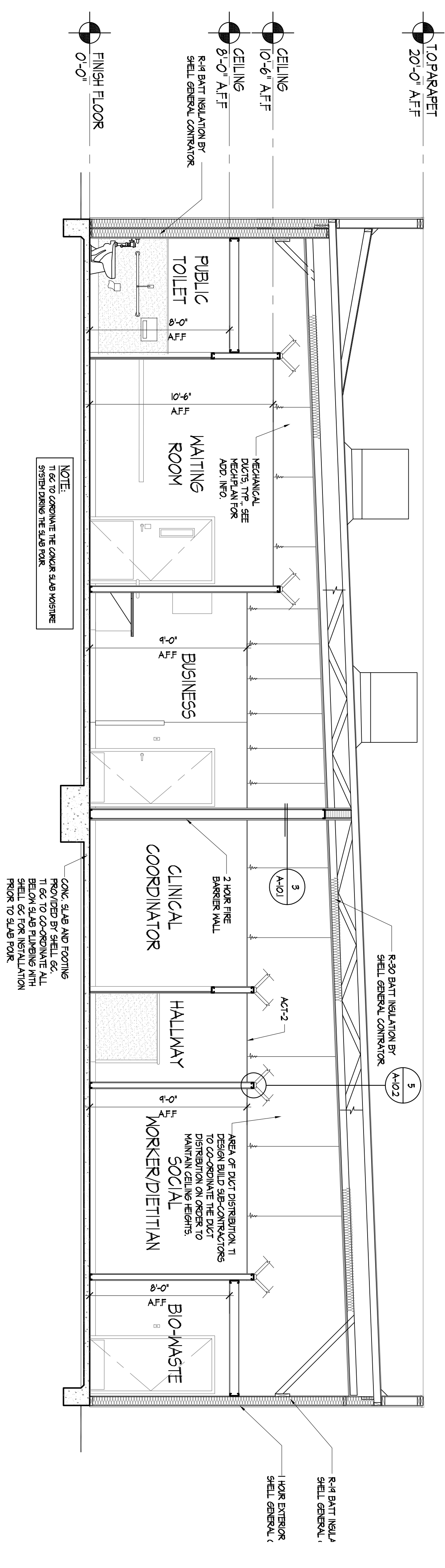
**ROOF PLAN**

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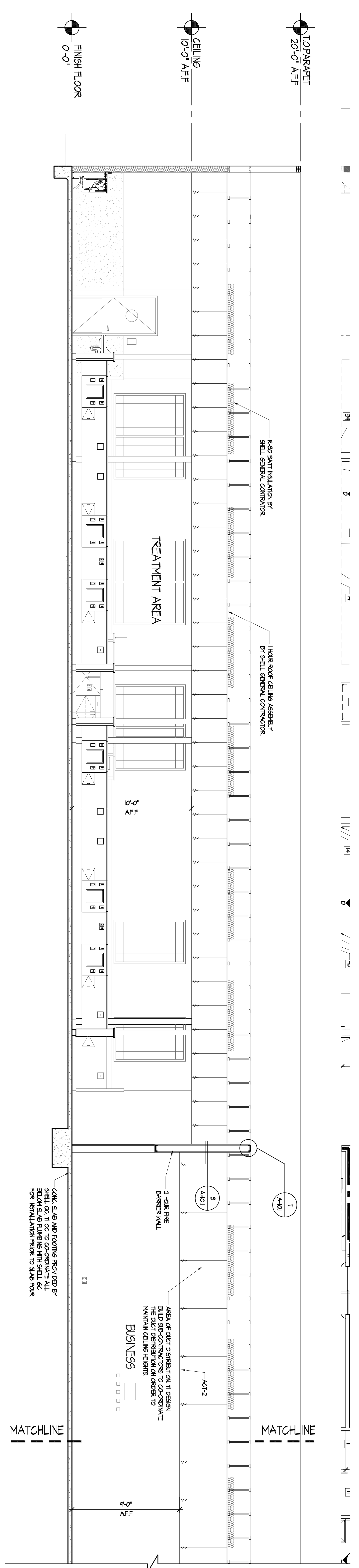
SUBMITTAL HISTORY			
No.	Description	Date	By
-	PERMIT SUBMITTAL	12/14/2011	JM

DRAWING TITLE	
ROOF PLAN & FIREPROOFING PLAN	

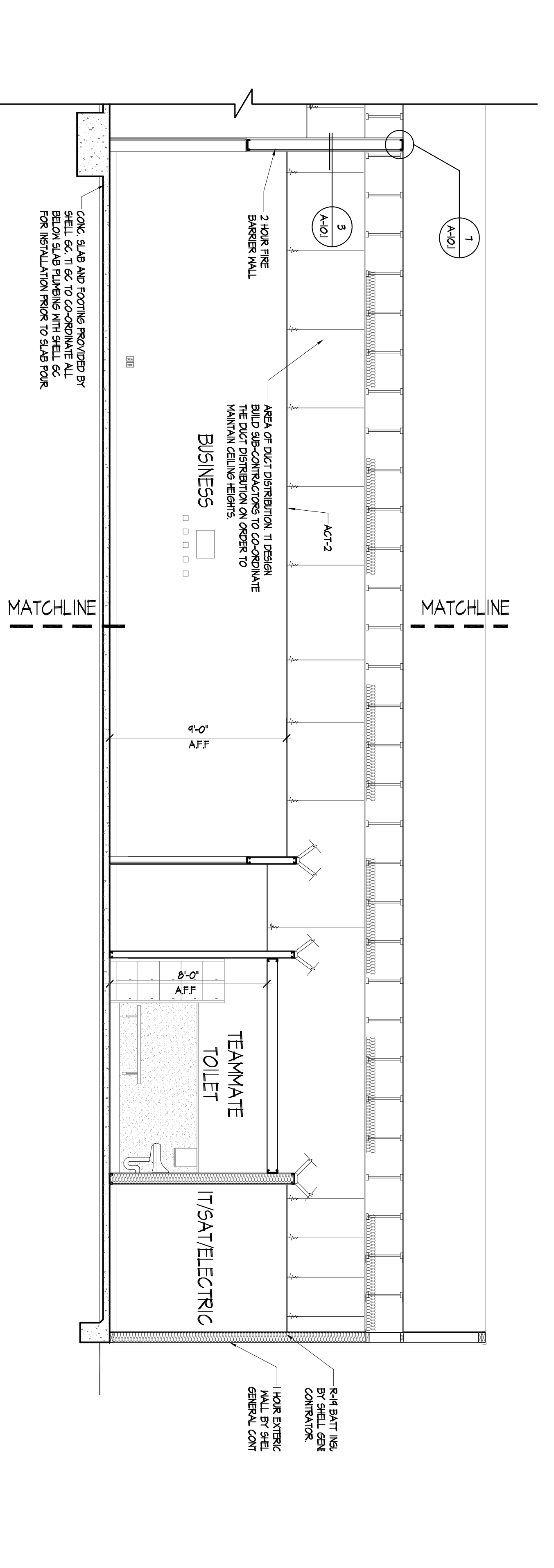
Job Number	11828	Sheet Number	A-5.1
CADD Path	DO/A-5.1		
Drawn By	JM / JH		
Checked By	DPK		



**BUILDING SECTION A-A**  
SCALE: 1/4"=1'-0"  
0 2 4 8 feet



**BUILDING SECTION B-B**  
SCALE: 1/4"=1'-0"  
0 2 4 8 feet



**BUILDING SECTION B-B CONTINUED**  
SCALE: 1/4"=1'-0"  
0 2 4 8 feet

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Fax: 925-858-9132

**Davita**  
DIAGNOSIS TENANT IMPROVEMENTS  
FOR  
**DAVITA, INC.**  
405 Power Parkway  
Petaluma, California

**NOTE:**  
ALL SLAB REINFORCEMENT SHALL BE PROPERLY SEALED AT THE VAPOR BARRIER PRIOR TO BE-FOR-POUR. REINFORCEMENT SHALL BE PROPERLY SEALED WITH SHEET METAL CAP SEAL OVER THE TOP OF ALL VERTICAL REINFORCEMENT PRIOR TO BE-FOR-POUR.

Submittal No.	Description	Date	By
-	PERMIT SUBMITTAL	12/14/2011	JM

**Architect's Stamp**

**Job Number** 118208  
**CADD Path** DCA-A-6.1  
**Drawn By** JM / JN  
**Checked By** DK

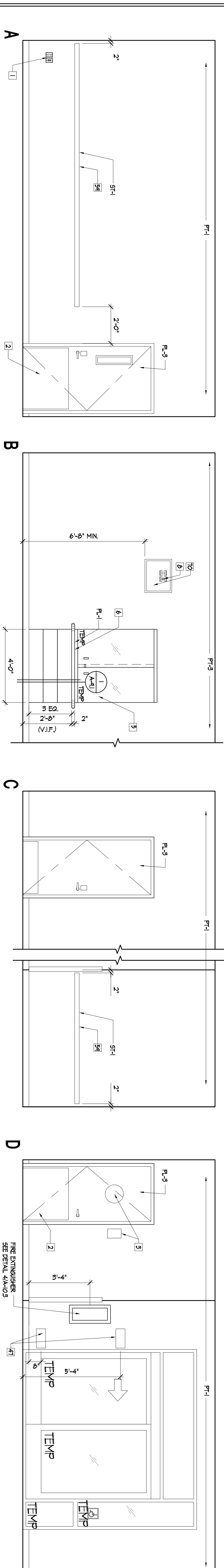
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**A-6.1**

**BUILDING SECTIONS**

**BUILDING PERMIT SUBMITTAL**



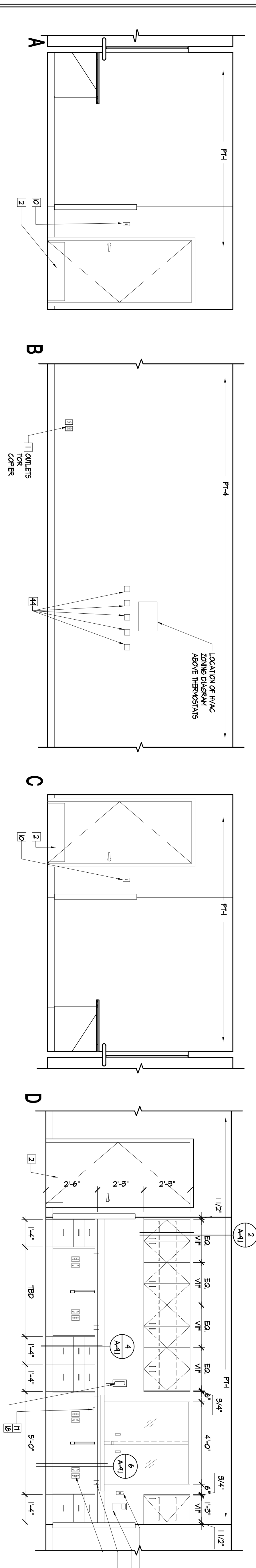




**7 WAITING**

A-8-2

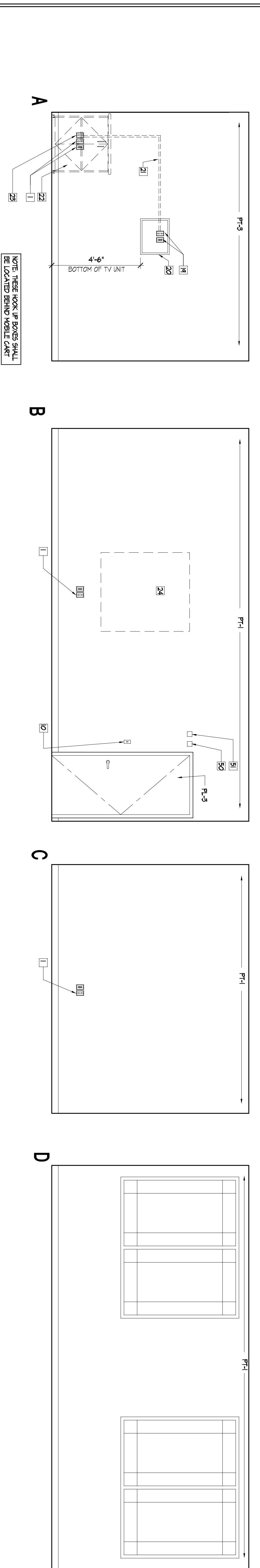
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**8 BUSINESS**

A-8-2

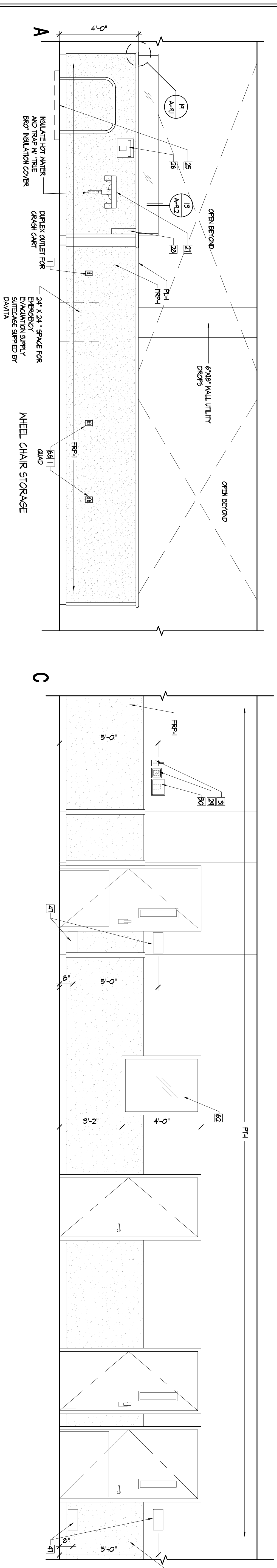
SCALE: 3/8" = 1'-0"



**9 CONFERENCE ROOM**

A-8-2

SCALE: 3/8" = 1'-0"



**10 WHEELCHAIR STORAGE / CRASH CART**

A-8-2

SCALE: 3/8" = 1'-0"

**KEY NOTES:**

1. TELEPHONE DATA OUTLET MOUNTED 6" FROM THE BOTTOM OF THE OUTLET BOX TO THE CENTER OF THE OUTLET BOX. SEE DETAIL 1A-03 FOR ADDITIONAL INFO.
2. RESTROOM SIGNS MOUNTED 6' 0" AFF. SEE DETAIL 3A-03.
3. ALUM. REAR BOTTOM #88 BY GEN. CONTRACTOR.
4. SLOTTED GLASS WINDOW.
5. RECEPTION COUNTER SEE SHEET 1A-11 FOR FINISH.
6. BURNING EXTINGUISHER GLASSINE.
7. ELECT. OUTLET 1 TV CABLE INHUB & 2 B-241T OR 2 B-241T INHUB & 2 B-241T INHUB OR ANY TV CABLE COMPONENT BROUGHT FROM ROOM SHOWN.
8. FIRE TV LOCATION LOCATION TO BE DETERMINED BY GEN. CONTRACTOR TO REMOVE REDUCED POWER FROM ROOMS. MOUNTED 4' AFF. FROM THE TOP OF THE OUTLET BOX TO FLOOR FINISH.
9. SEE DETAIL 1A-03 FOR TV TO FLOOR FINISH.
10. 2 1/2" DIA. SMOKEKIT.
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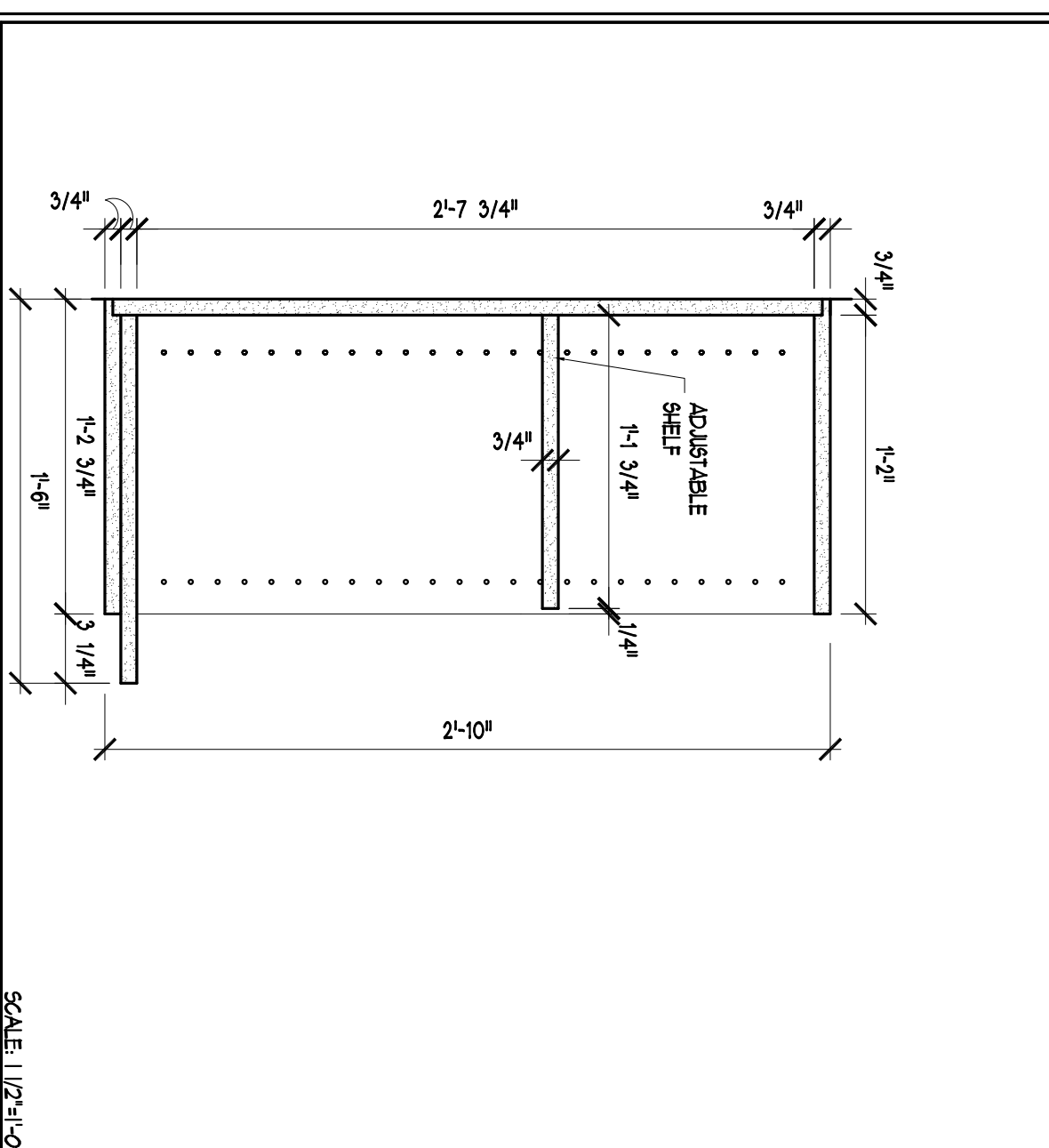
**Stephen E. Harriman A.I.A.**  
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**Davita**  
 DAVIDA'S TENANT IMPROVEMENTS  
 FOR  
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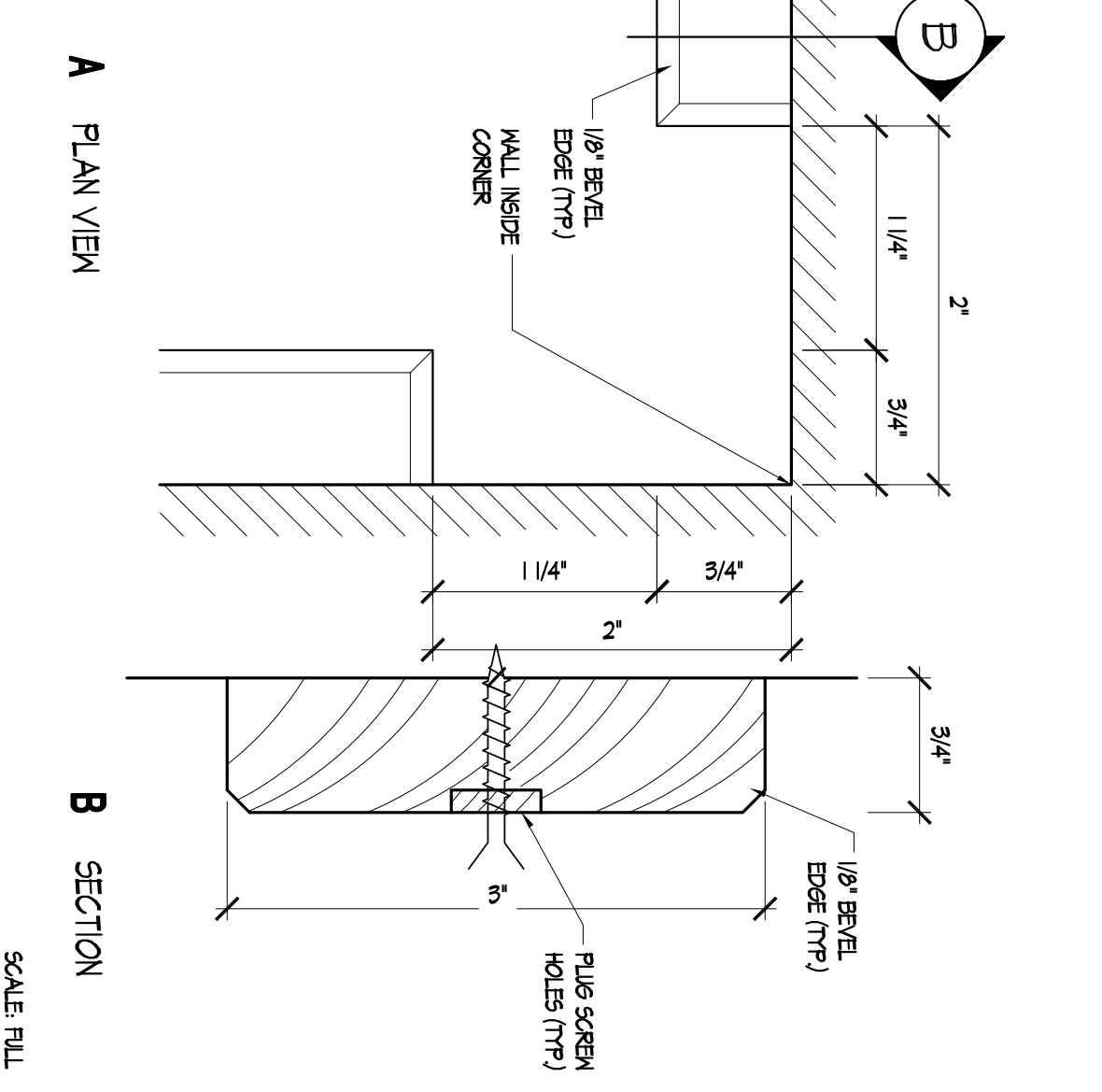
No.	Description	Date	By
1	PERMIT SUBMITTAL	12/14/2011	JM

Submitted History	
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1	PERMIT SUBMITTAL

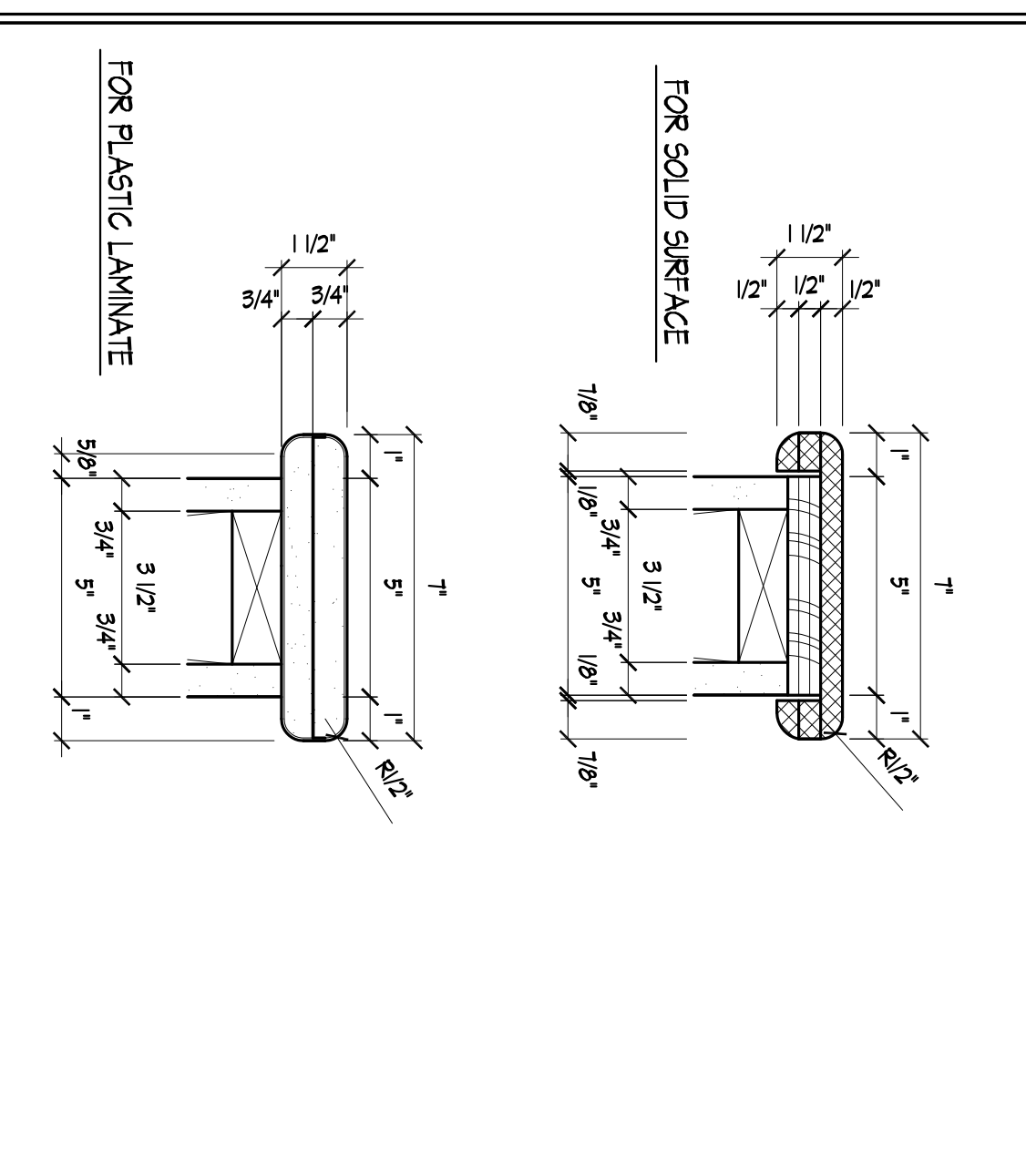
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Drawn By	JM / JH
Checked By	DPK
Sheet Number	A-8.2



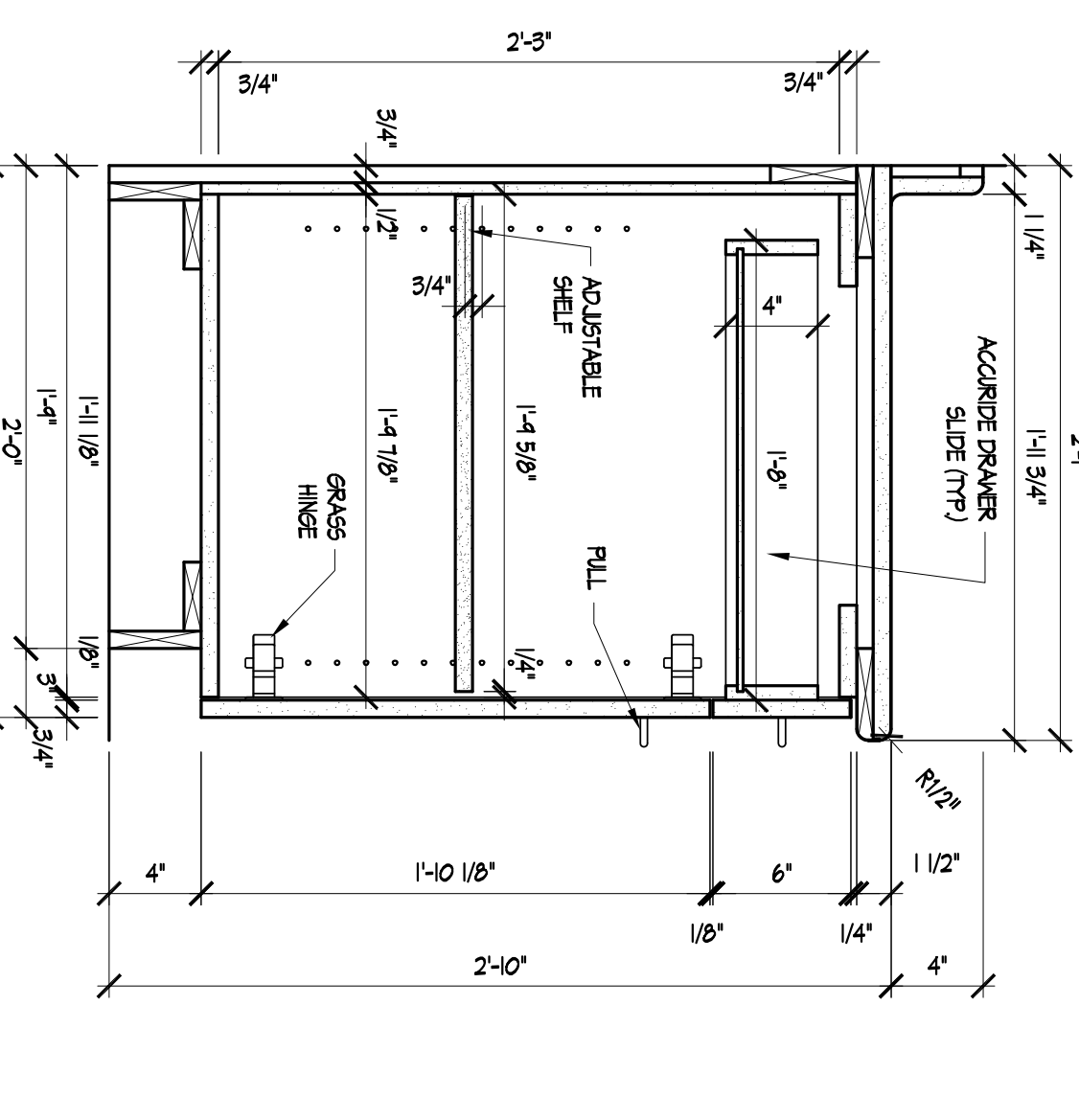
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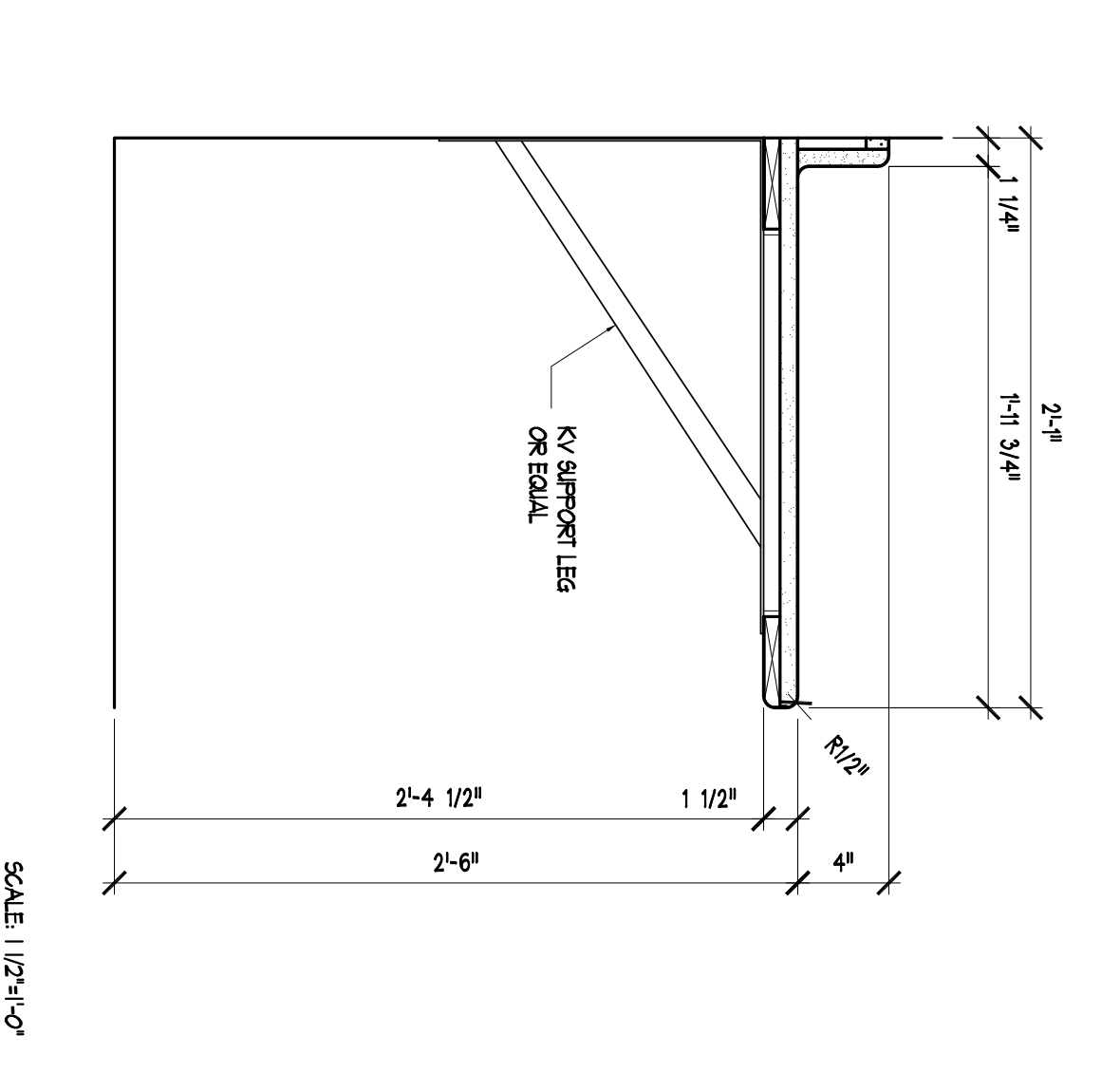
SECTION 17 CHAIR RAIL DETAIL  
SCALE: FULL



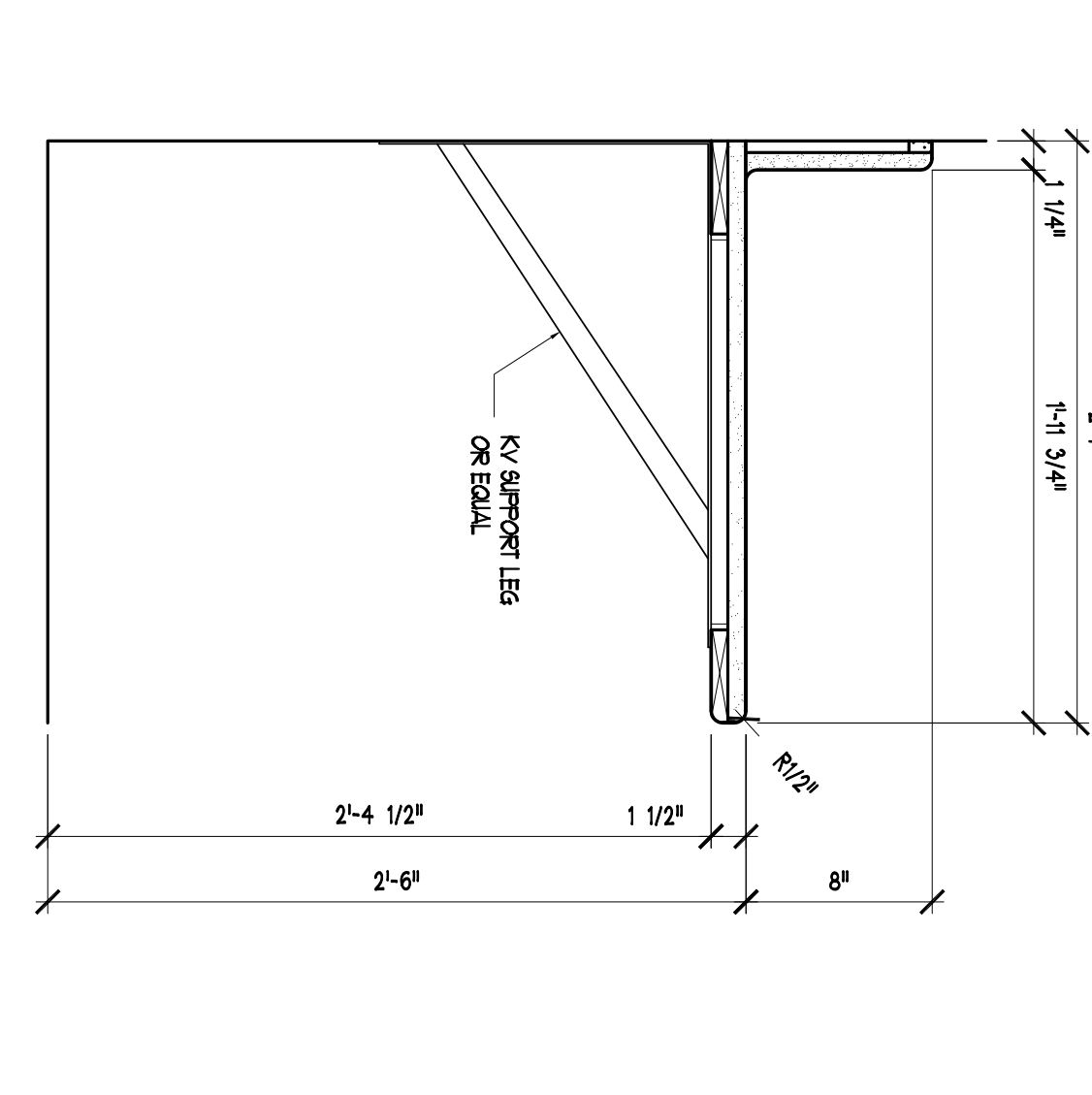
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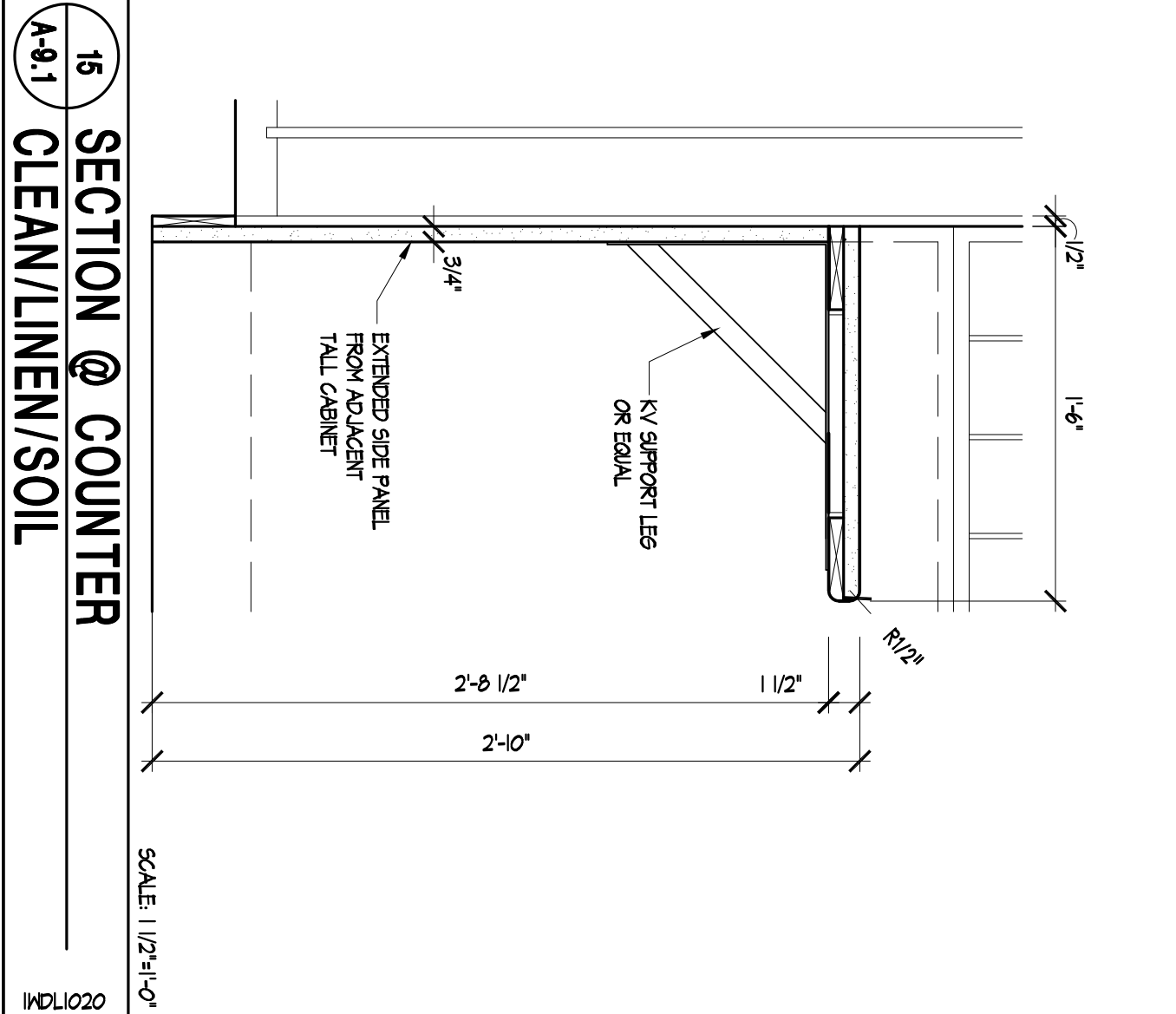
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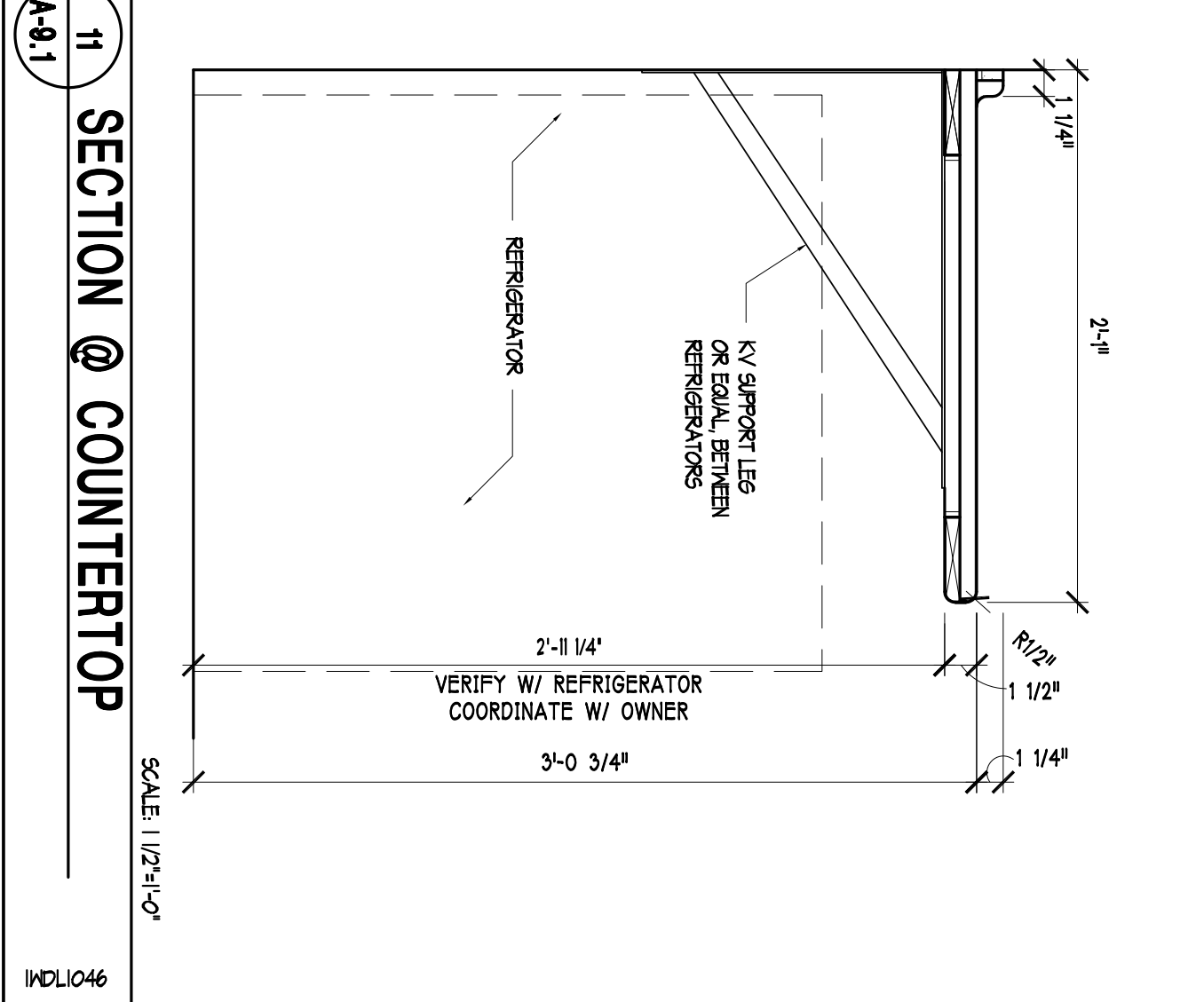
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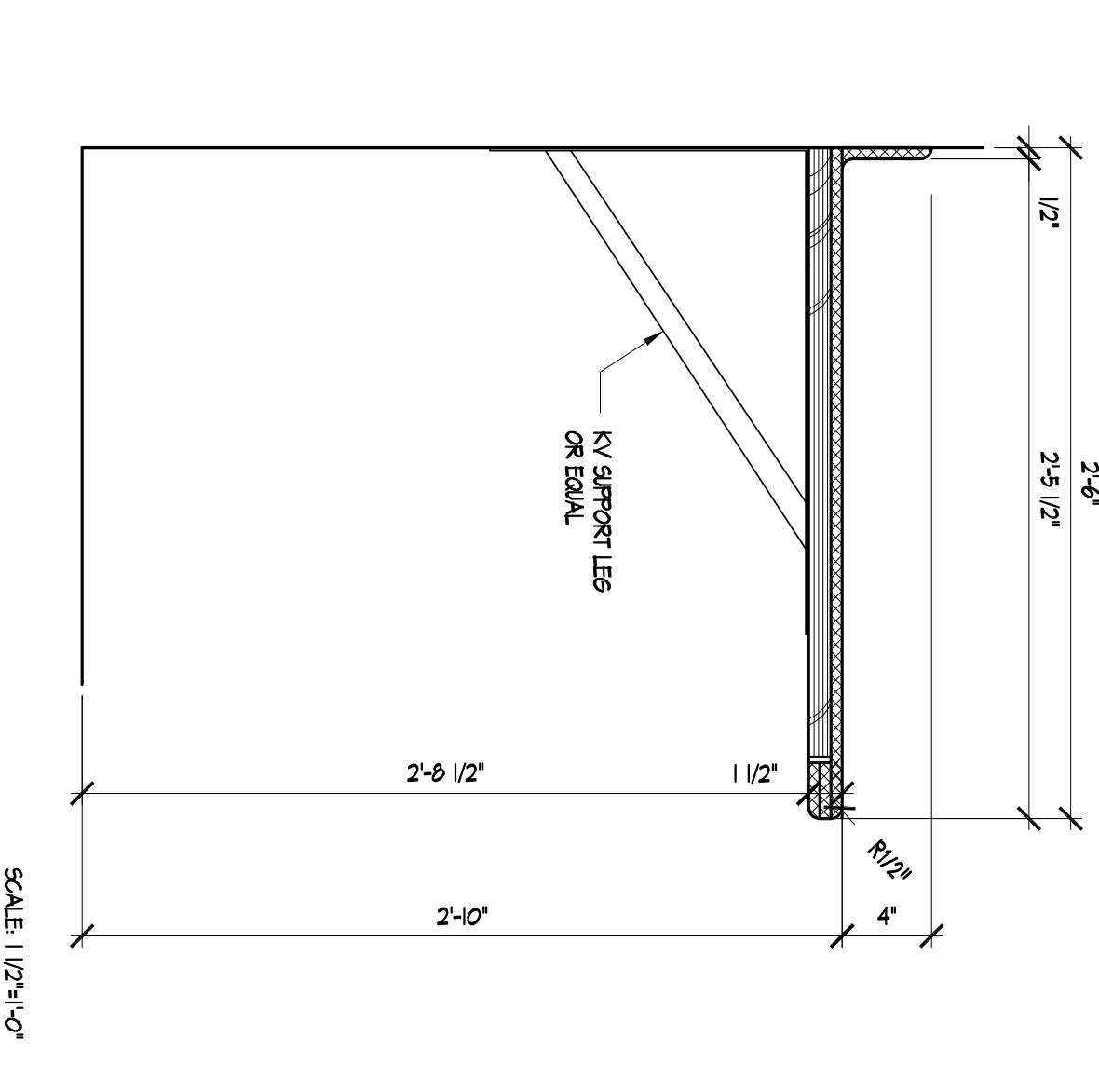
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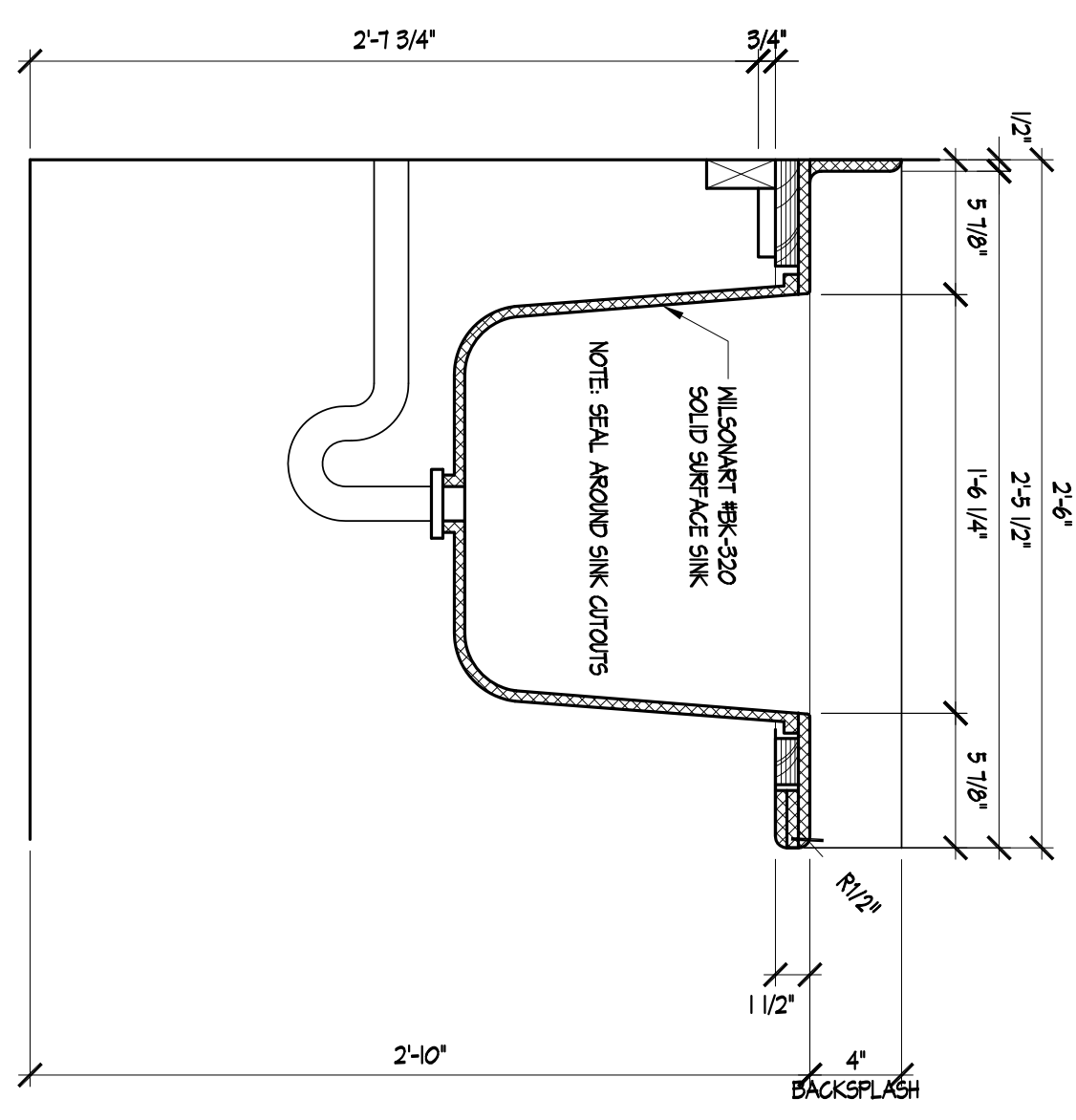
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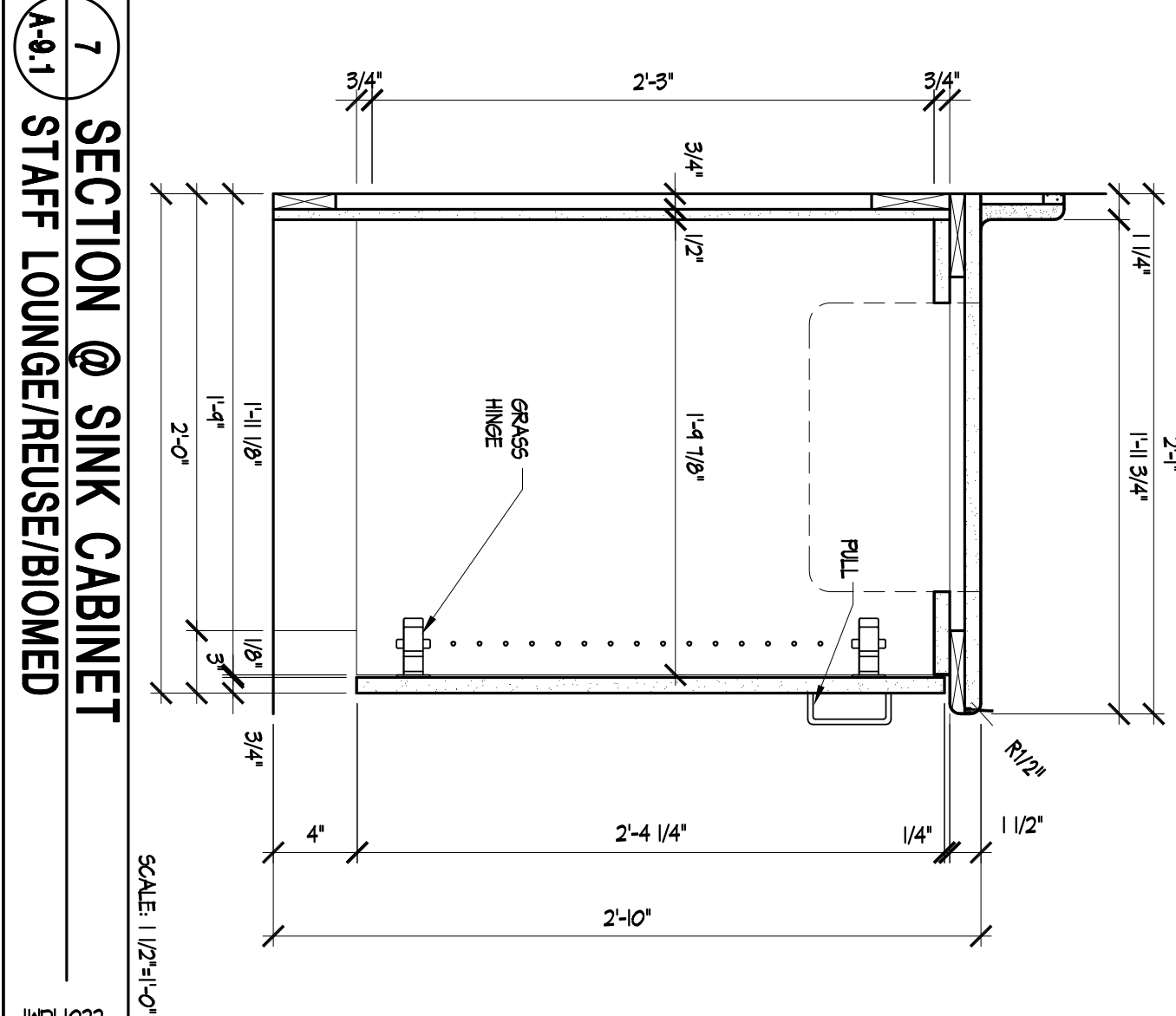
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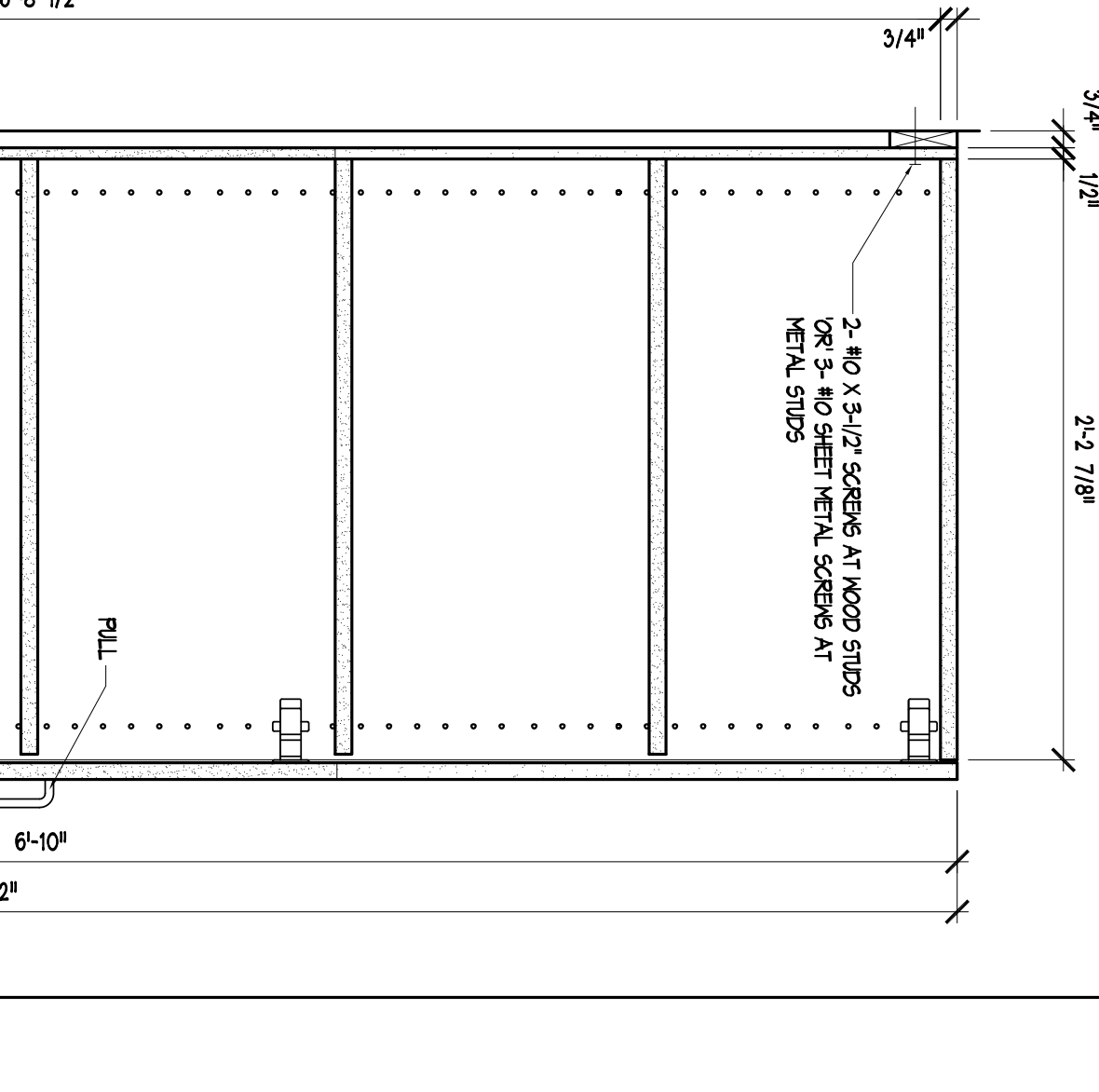
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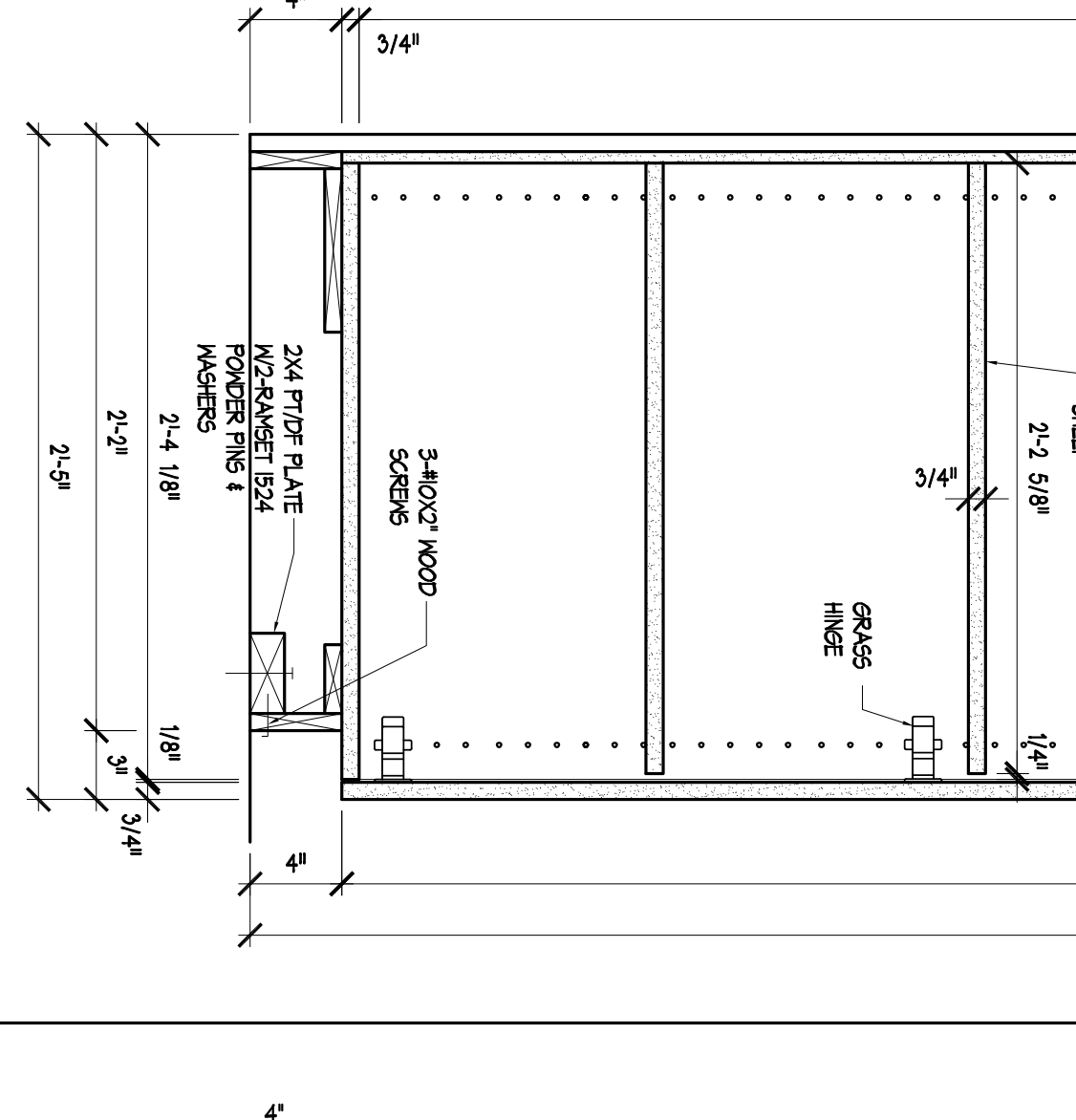
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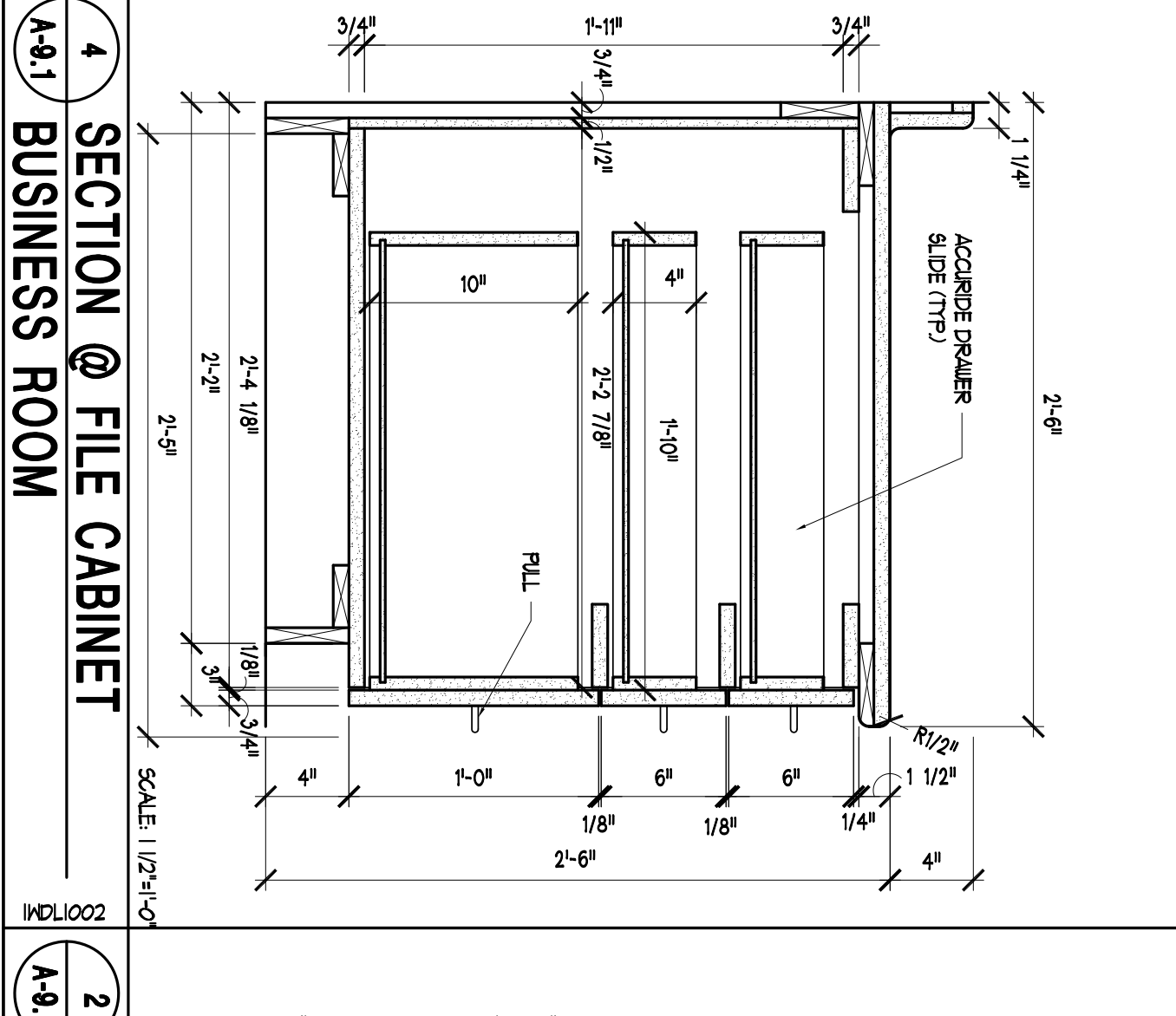
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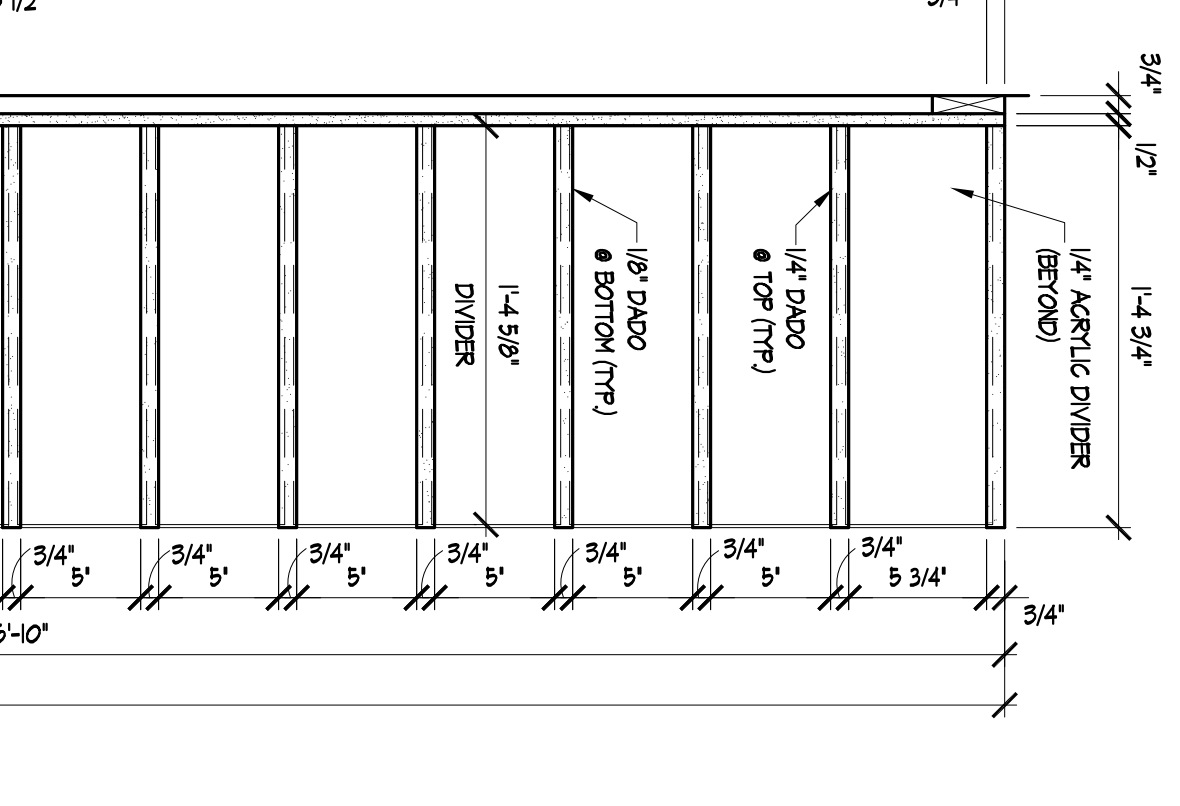
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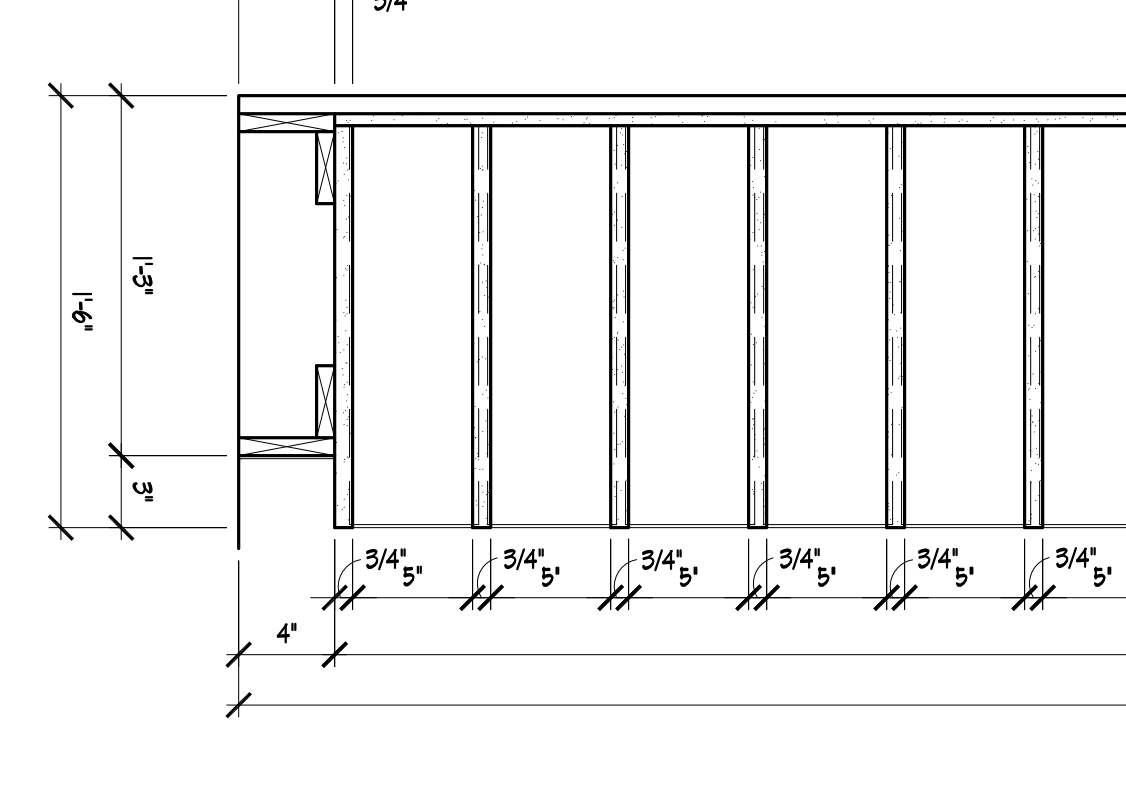
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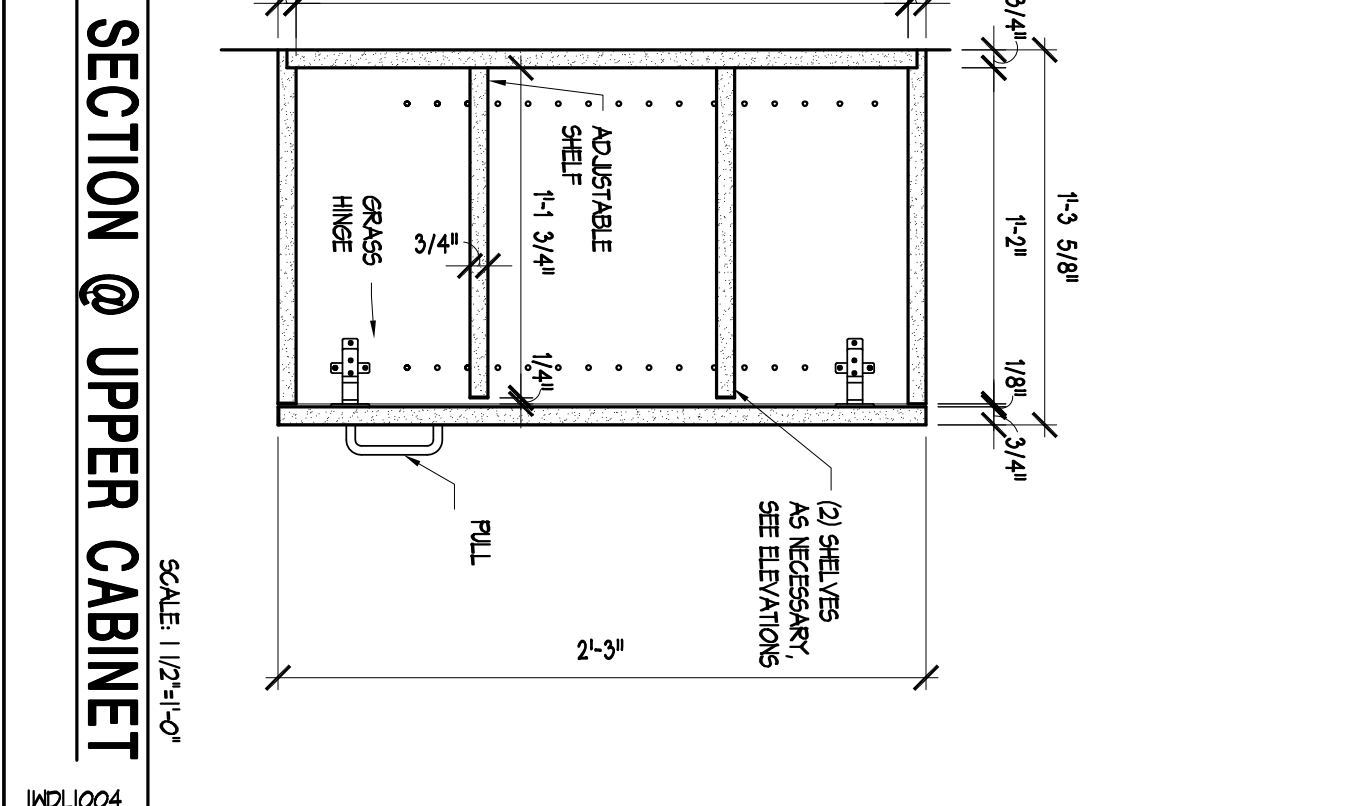
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SCALE: 1/2"=1'-0"



SECTION 1 SECTION @ BUSINESS COUNTER  
SCALE: 1/2"=1'-0"



SECTION 2 SECTION @ UPPER CABINET  
SCALE: 1/2"=1'-0"



SECTION 8 SECTION @ COUNTER  
SCALE: 1/2"=1'-0"

**Stephen E. Harrisman A.I.A. & Associates**  
Architecture & Interior Design  
1801 National Blvd, Suite 300  
Redland, CA 94486  
(925) 834-1180  
Fax: (925) 834-0182

**Davita**  
DIAGNOSIS TENANT IMPROVEMENTS  
FOR  
DAVITA, INC.  
405 Dover Parkway  
Delano, California

**GENERAL NOTES**  
1. GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND COORDINATE W/ CABINET MANUFACTURER AND SUBMITTER PRIOR TO PERMANENT INSTALLATION.  
2. REFER TO DETAIL 5-A-103 FOR INFORMATION PERTAINING TO WALL BACKING REINFORCEMENT FOR CABINETS.  
3. CONTRACTOR IS TO BE SHOWN PREPARED BY CABINET MANUFACTURER'S GENERAL CONTRACTOR TO VERIFY COORDINATE W/ CABINET MANUFACTURER TO VERIFY EXTENT OF CABINETWORK. SECONDARY CONTRACTOR TO VERIFY THE GENERAL CONTRACTOR TO REMOVE FOR THE CONTRACTOR TO VERIFY LOCATION OF EXISTING HOLES IN WALL PRIOR TO INSTALLATION.  
4. SEE 2-A-103 FOR ACCESSORIES FINISH HEIGHT.  
5. CONTRACTOR TO INSTALL CLEATS AND/OR ANGLE BRACKET'S ALONG ABOUT WERE END WALL IN REGARDS W/ COUNTERTOP. CONFIRM FASTENING IN CABINET MANUFACTURER'S GENERAL CONTRACTOR FOR COMPLETE.  
6. THE CONTRACTORS AND THE GENERAL CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY CONTRACTOR SHALL COORDINATE ANY OFFERS OR 'TIE' TO BE DETERMINED DIMENSIONS PRIOR TO FABRICATION. ANY CONFLICTS OR INCONSISTENCIES SHALL BE RESOLVED BY THE ARCHITECT. SEE SHEET A-4-1 FOR FINISH BASE AND DETAIL 6-A-103 FOR TYPICAL BASE DETAIL.  
7. PANELS CONFORMANCE DETAILS LIGHT SWITCHES SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR. ELECT. PLANNING FOR SPECIFIC INFORMATION AT CONTRACTOR'S RISK.  
8. COORDINATE CONDITIONS TO AVOID CONFLICTS.  
9. ALL FILE CABINETS SHALL BE EQUIPPED WITH FILE RACKS SYSTEMS PROVIDED AND INSTALLED BY CABINET MANUFACTURER.  
10. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATE W/ CABINET MANUFACTURER TO VERIFY ALL EDGES TO SHARP CORNERS ARE ALLOWED PROVIDE ALTERNATE BID FOR RADIUS EDGES.  
11. VERIFY N FIELD.  
12. FINISH ENCLOSE

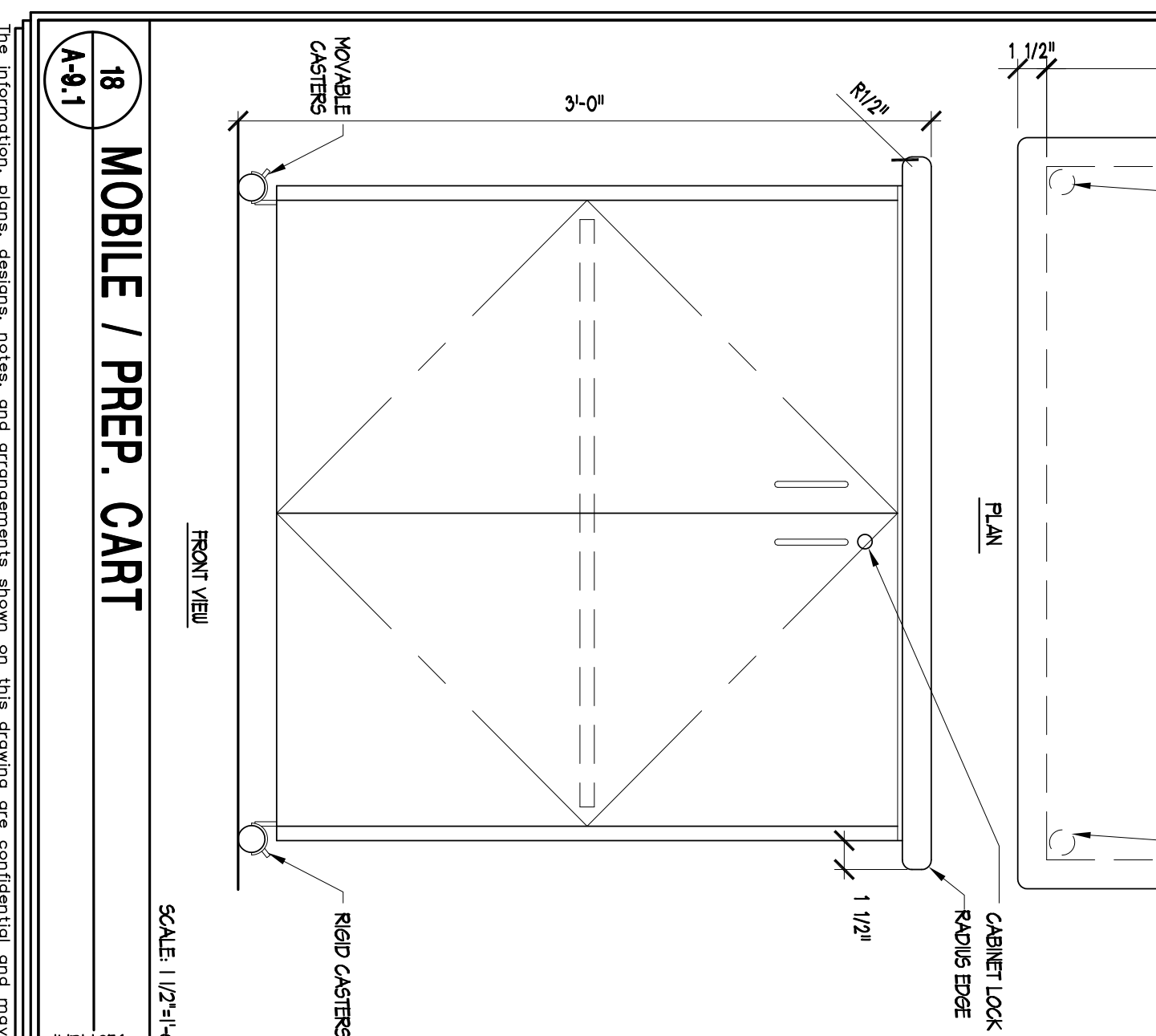
No.	Revised	Date	By
1	PERMIT SUBMITTAL	12/14/2011	DM

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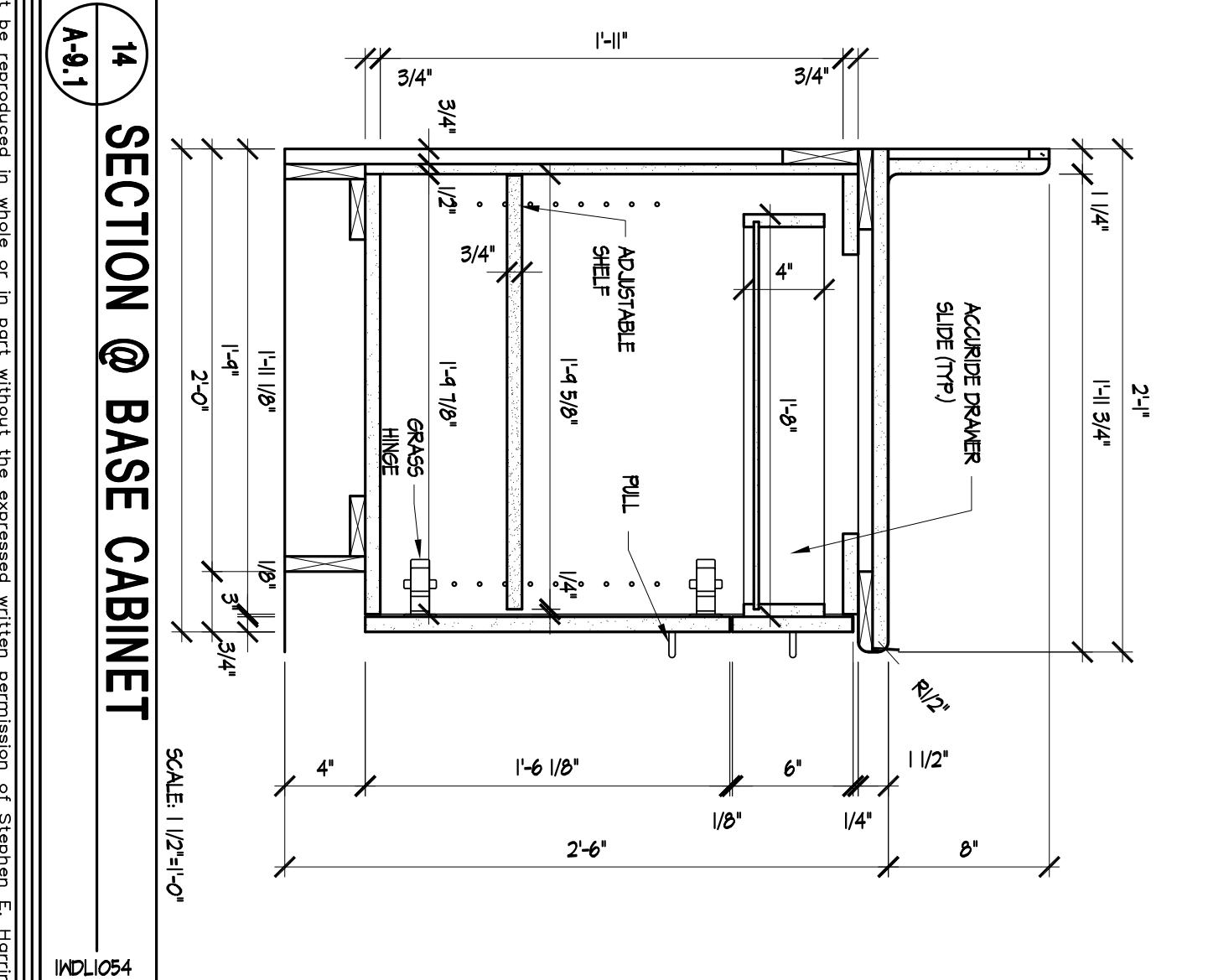
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**Drawn By** DM / JH  
**Checked By** DMK

**CABINET DETAILS**

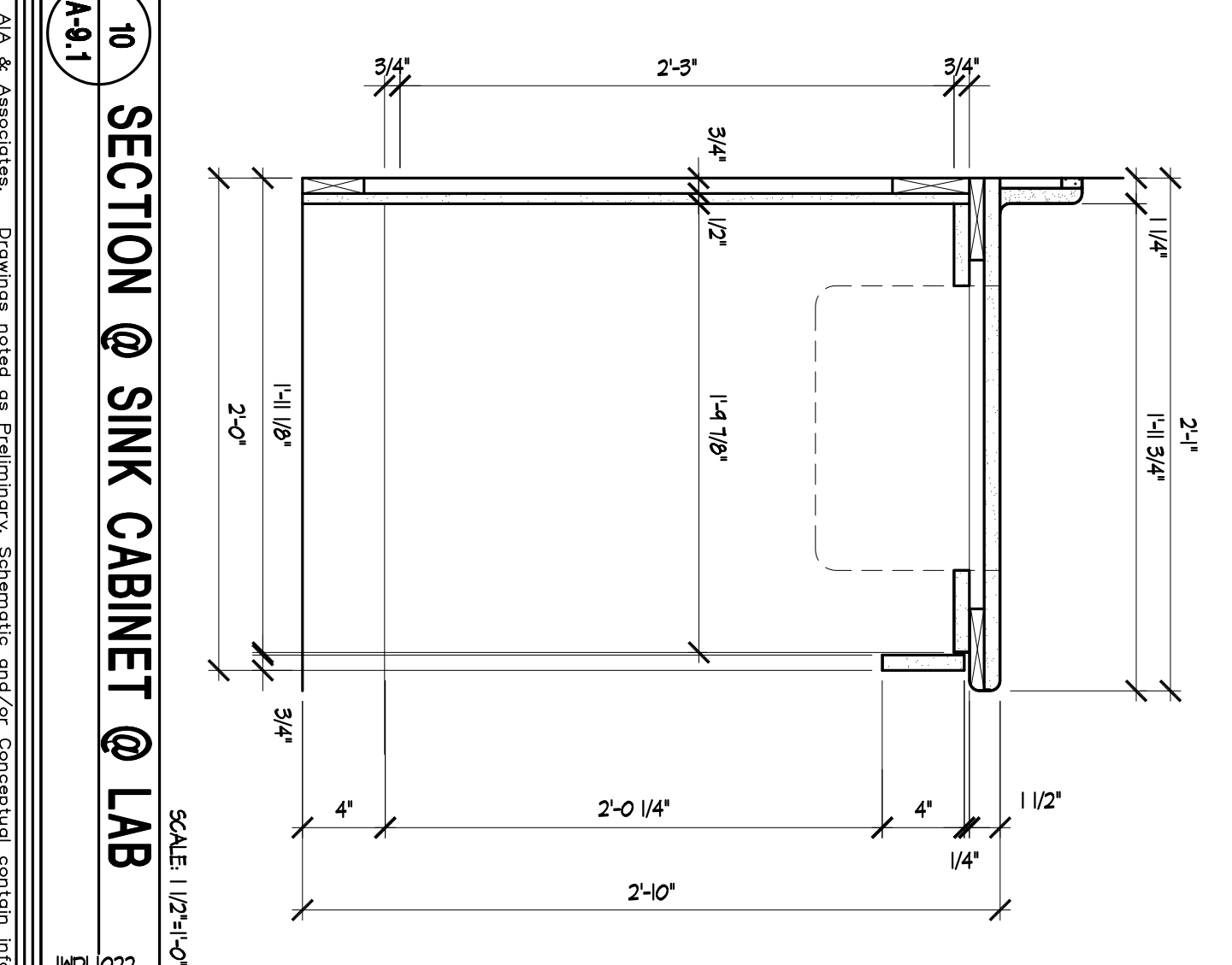
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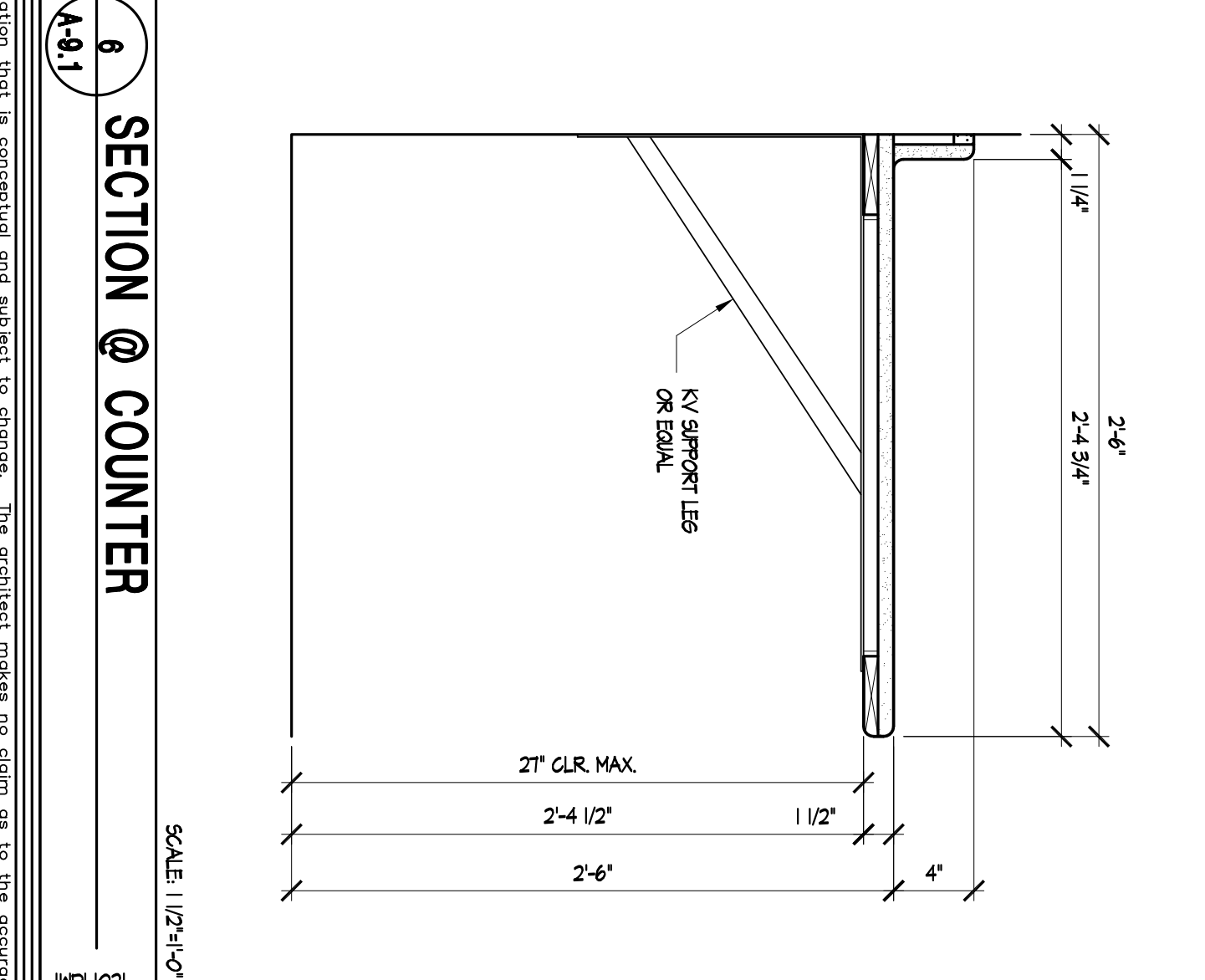
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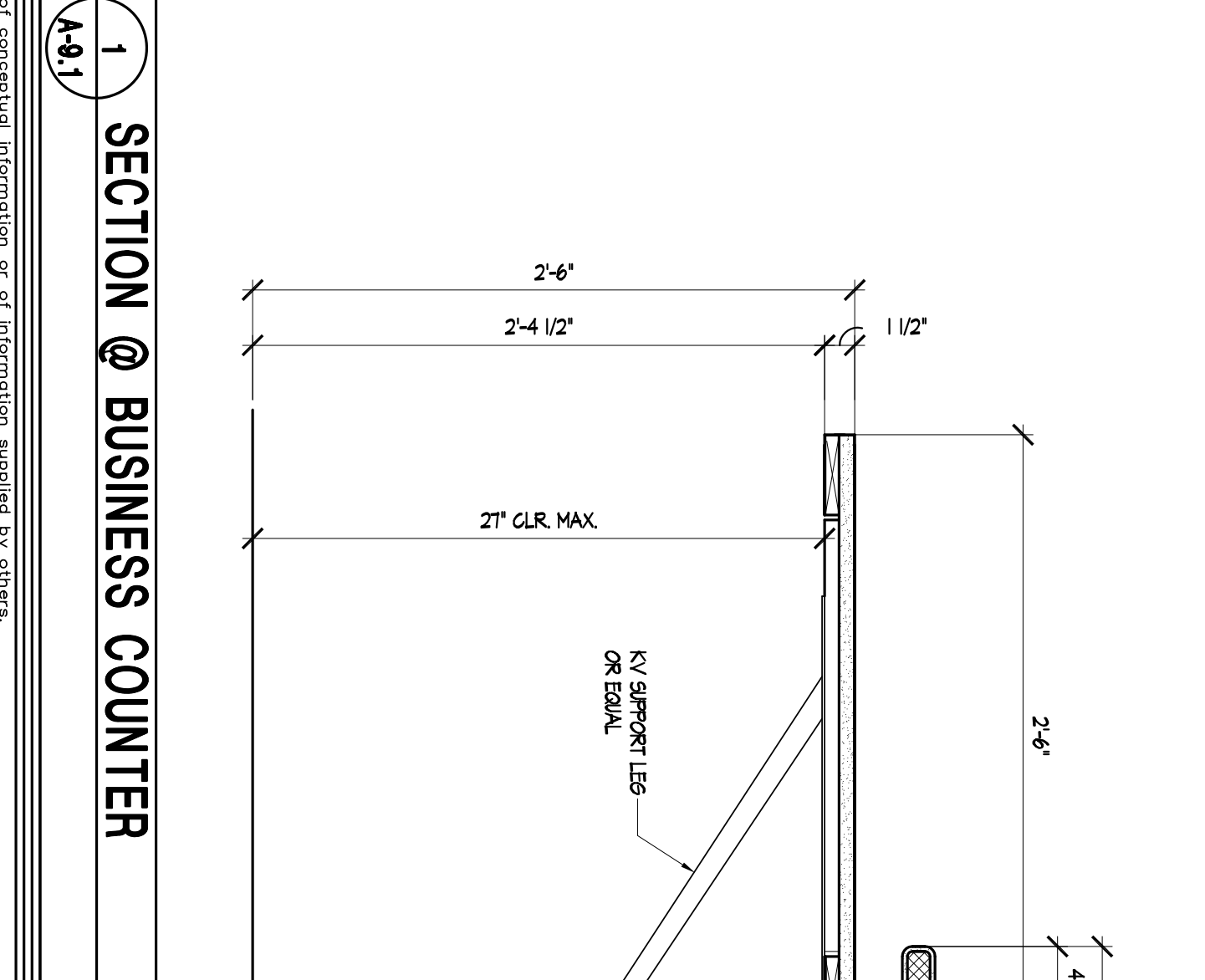
SECTION 14 SECTION @ BASE CABINET  
SCALE: 1/2"=1'-0"



SECTION 10 SECTION @ SINK CABINET @ LAB  
SCALE: 1/2"=1'-0"



SECTION 8 SECTION @ COUNTER  
SCALE: 1/2"=1'-0"

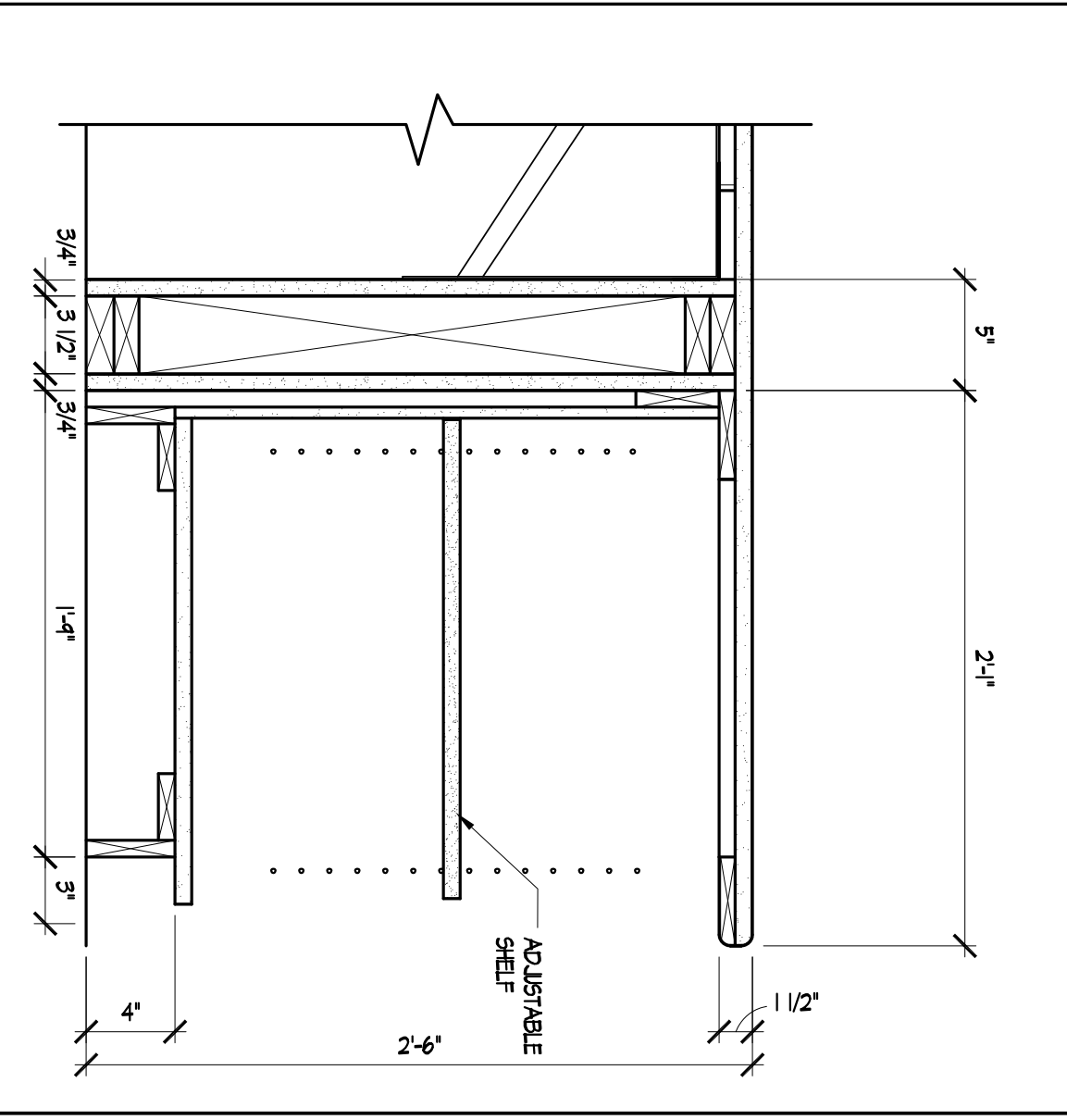


SECTION 1 SECTION @ BUSINESS COUNTER  
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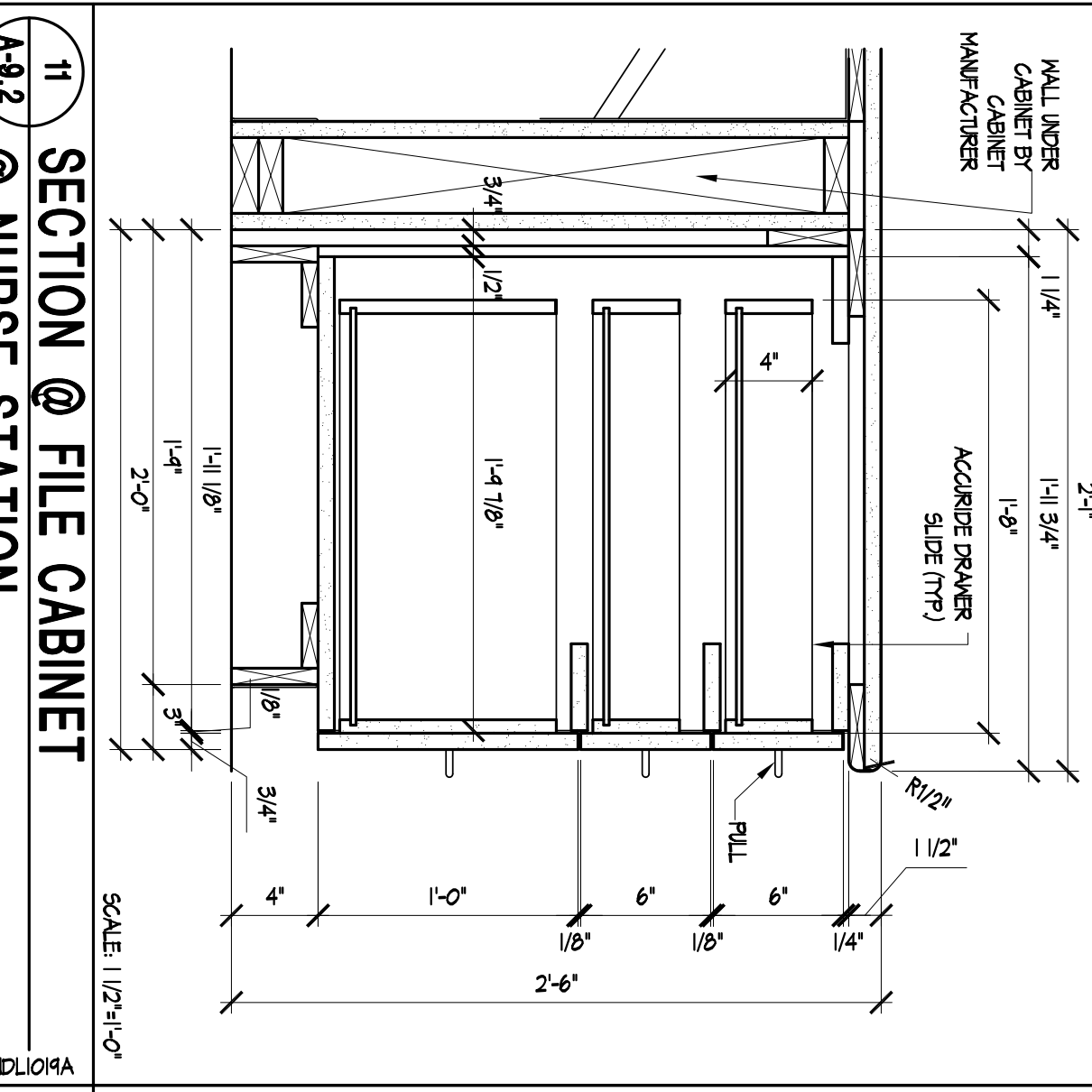
**BUILDING PERMIT SUBMITTAL**

**GENERAL NOTES**

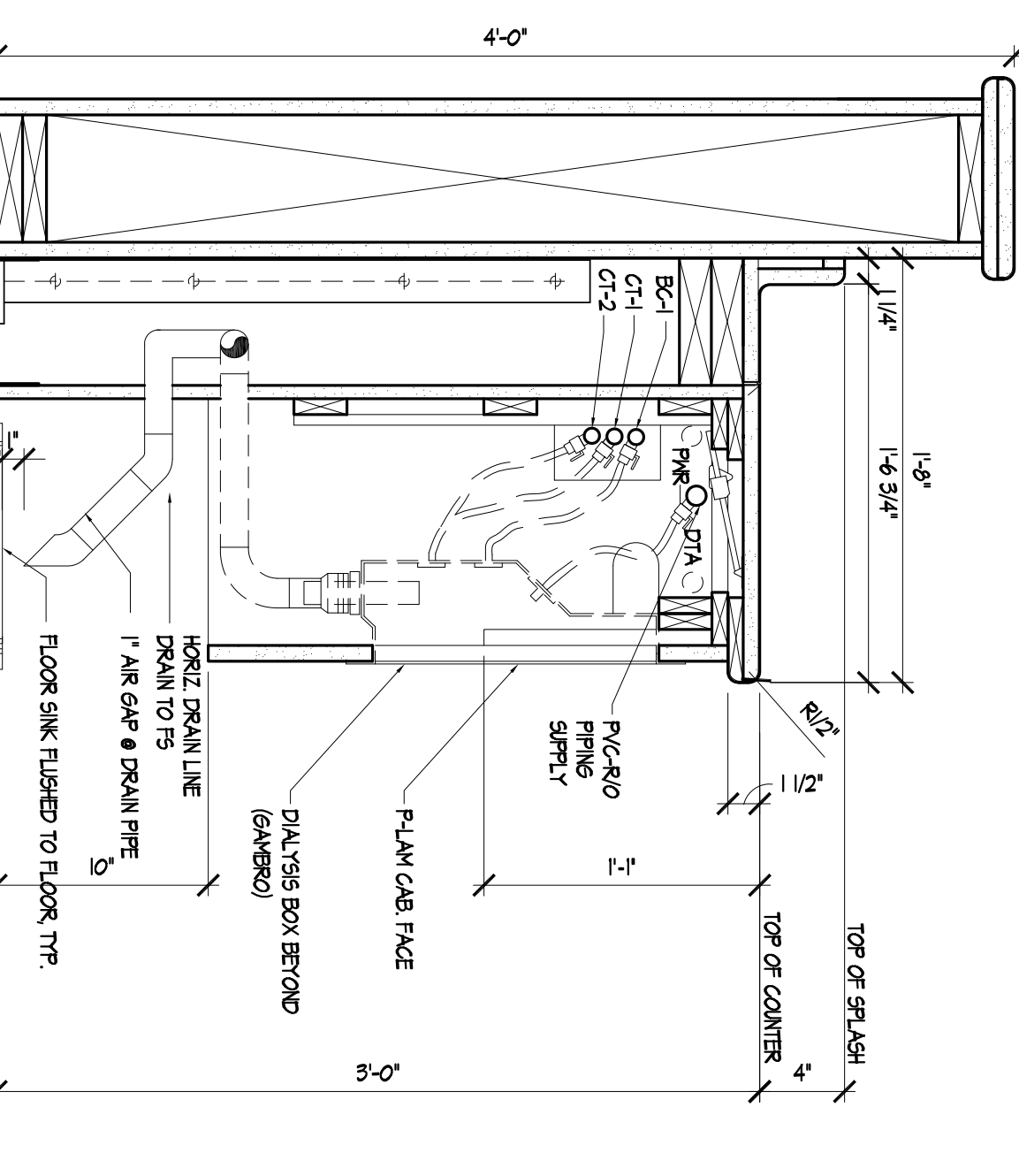
1. GENERAL CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND COORDINATE W/ CABINET MANUFACTURER AND SUBCONTRACTOR FLOOR TO REFER TO DETAIL DRAWINGS FOR INFORMATION PERTAINING TO WALL BACKING REINFORCEMENT FOR CABINETS.
2. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND COORDINATE W/ CABINET MANUFACTURER AND SUBCONTRACTOR FLOOR TO REFER TO DETAIL DRAWINGS FOR INFORMATION PERTAINING TO WALL BACKING REINFORCEMENT FOR CABINETS.
3. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND COORDINATE W/ CABINET MANUFACTURER AND SUBCONTRACTOR FLOOR TO REFER TO DETAIL DRAWINGS FOR INFORMATION PERTAINING TO WALL BACKING REINFORCEMENT FOR CABINETS.
4. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND COORDINATE W/ CABINET MANUFACTURER AND SUBCONTRACTOR FLOOR TO REFER TO DETAIL DRAWINGS FOR INFORMATION PERTAINING TO WALL BACKING REINFORCEMENT FOR CABINETS.
5. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND COORDINATE W/ CABINET MANUFACTURER AND SUBCONTRACTOR FLOOR TO REFER TO DETAIL DRAWINGS FOR INFORMATION PERTAINING TO WALL BACKING REINFORCEMENT FOR CABINETS.
6. CONTRACTOR TO INSTALL CLEAN'S AND/OR ANGLE BRACKETS ALONG ABOUT WERE END WALL INTERSECTS W/ CONTRACTOR CONCRETE FASTENING IN CABINET SUBCONTRACTOR FOR COMPLETE THE DIMENSIONS HAVE BEEN TAKEN TO F.O.S. IT IS THE CONTRACTORS AND THE GENERAL CONTRACTORS RESPONSIBILITY TO FIELD VERIFY CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY CONTRACTOR SHALL COORDINATE ANY OFFSETS OR TYPED TO BE DETERMINED DIMENSIONS PRIOR TO FABRICATION. ANY CONFLICTS OR THE IMMEDIATE ATTENTION OF THE ARCHITECT.
7. SEE SHEET A-41 FOR FINISH BASE AND DETAIL.
8. DETAILS FOR TYPICAL BASE DETAIL.
9. DETAILS FOR TYPICAL COUNTERS & LIGHT SWITCHES.
10. ELEC. DRAWINGS FOR SPECIFIC INFORMATION COORDINATE THE BASE CABINET DRAWERS AT OWNERS CONDITIONS TO AVOID CONFLICTS.
11. ALL FILE CABINETS SHALL BE EQUIPPED WITH FILE RACKS SYSTEMS PROVIDED AND INSTALLED BY CABINET SUBCONTRACTOR.
12. ALL EDGES AND SHARP CORNERS ARE ALLOWED PROVIDE ALTERNATE BID FOR RADIUS EDGES.
13. VERIFY INFIELD FINISHED ENCLOSURE.



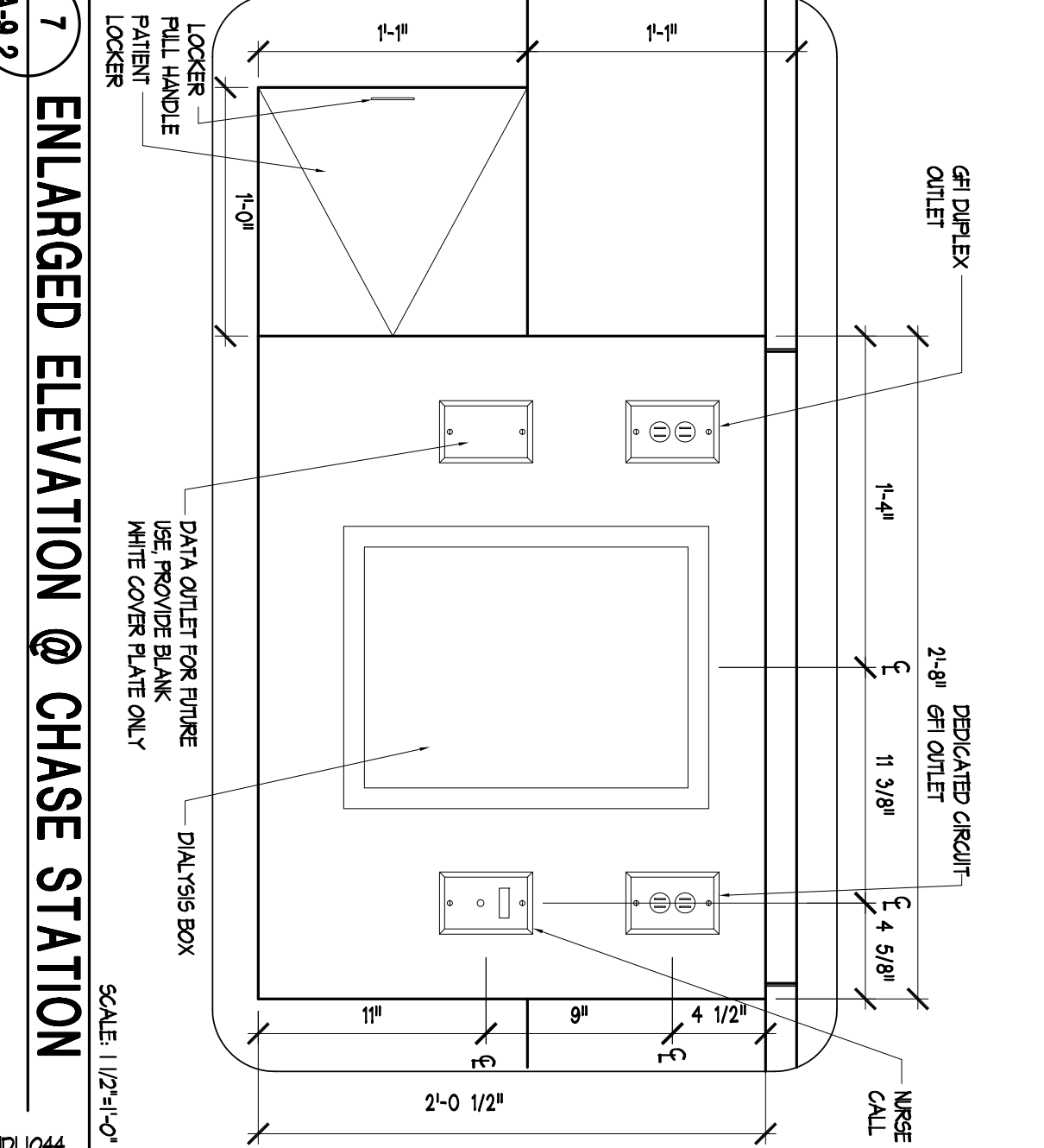
12 SECTION @ OPEN FILE CABINET  
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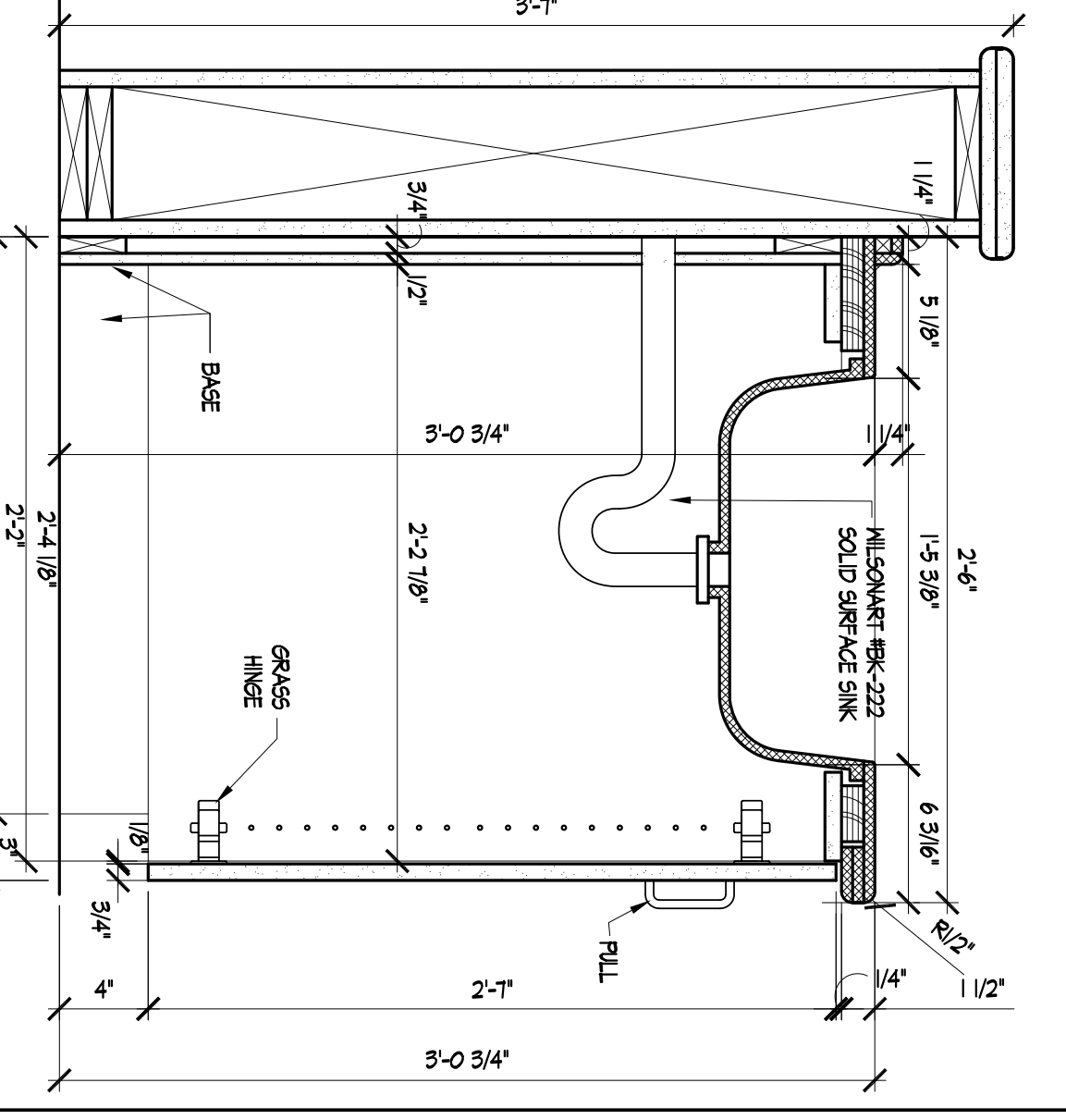
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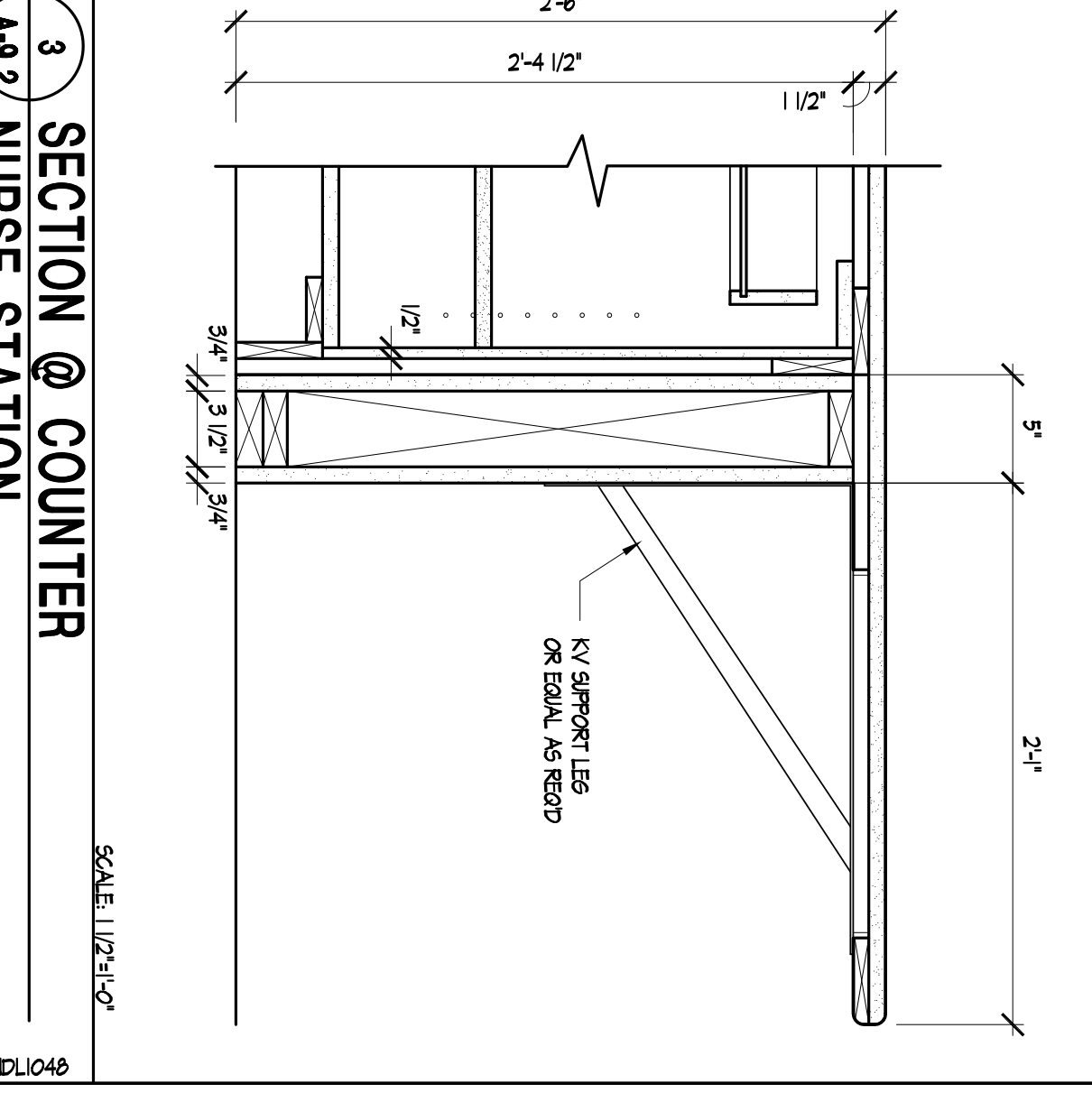
8 SECTION @ ISLAND CHASE STATION  
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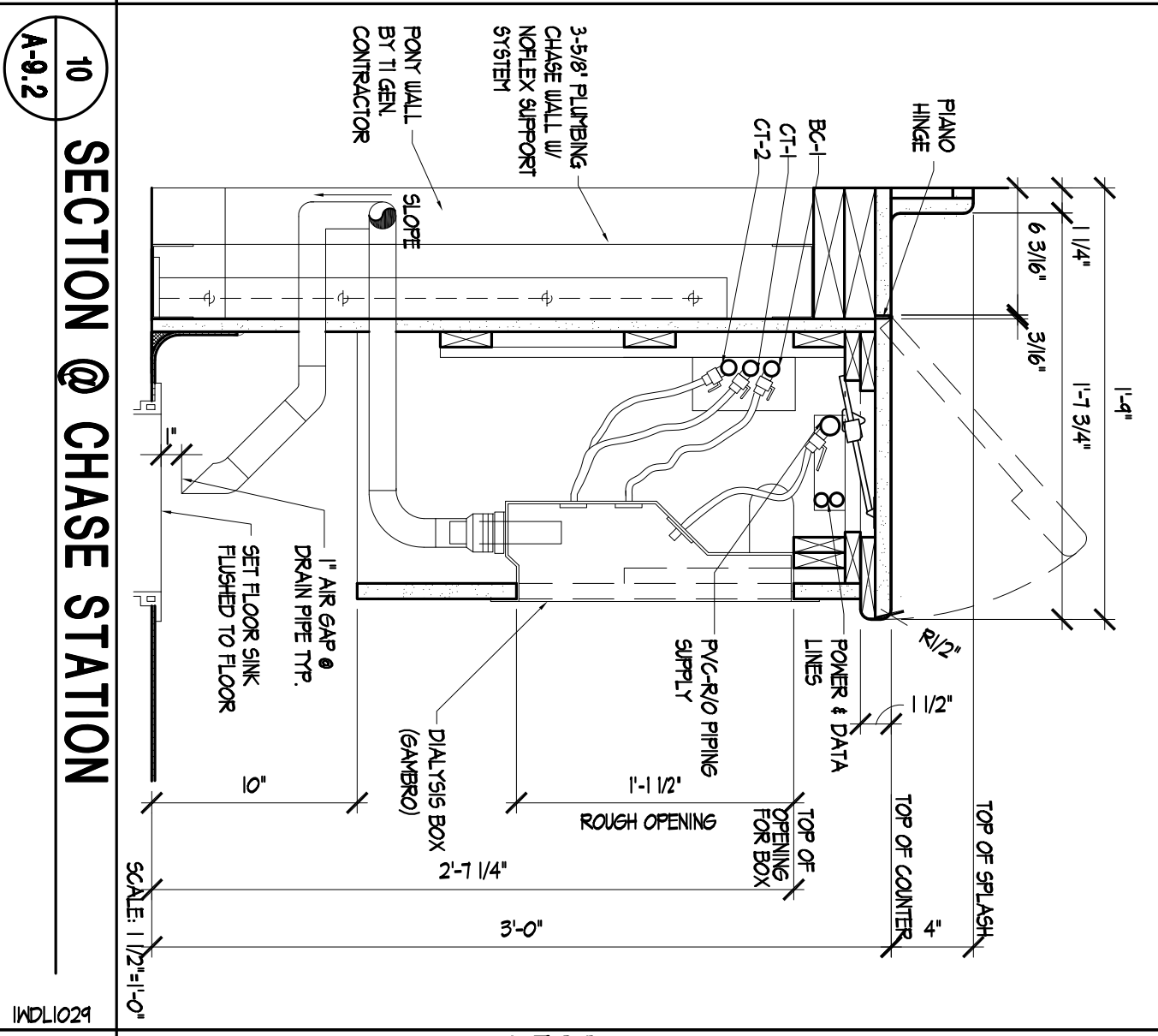
7 ENLARGED ELEVATION @ CHASE STATION  
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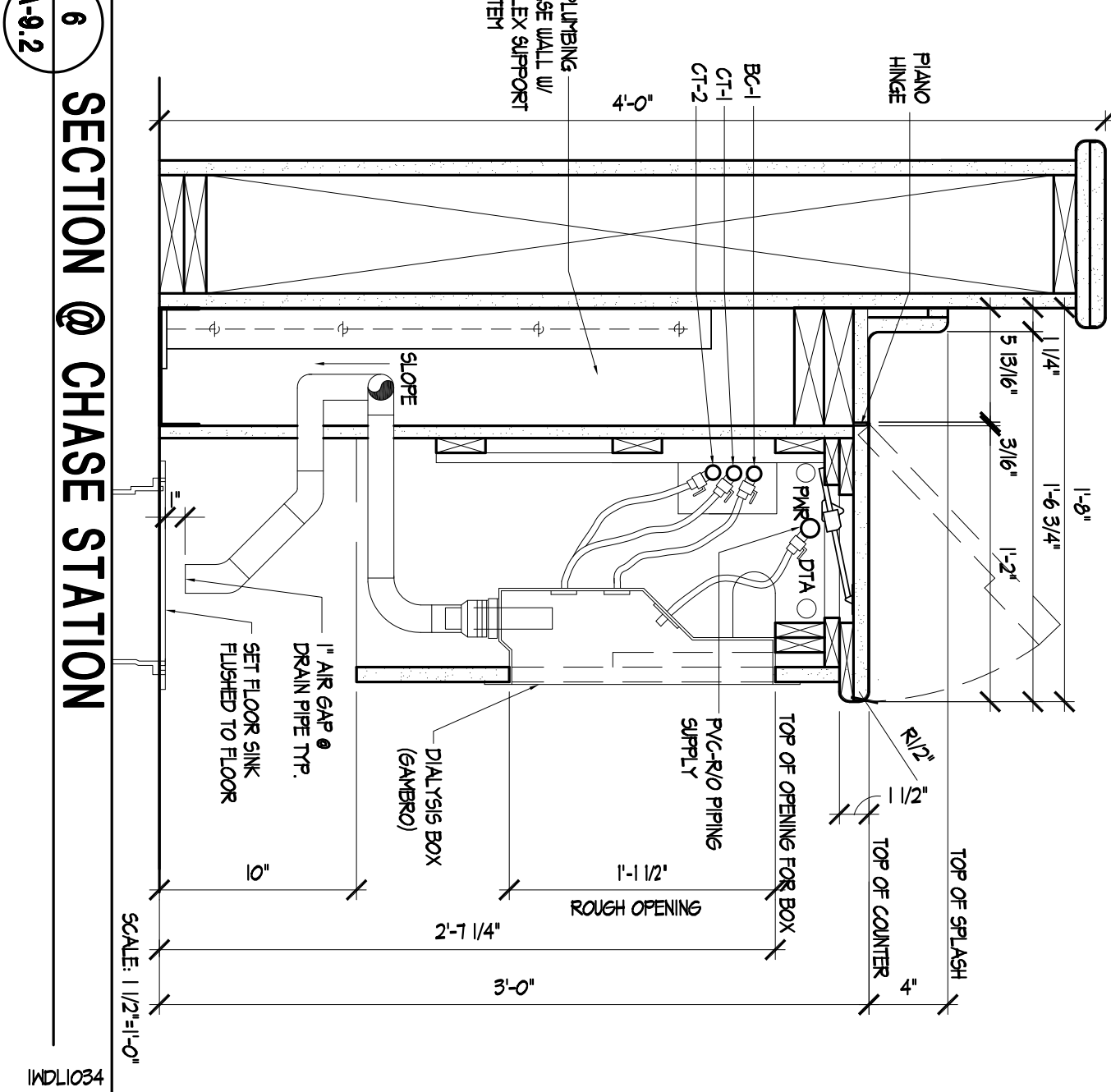
4 SECTION @ COUNTERTOP @ MED. PREP.  
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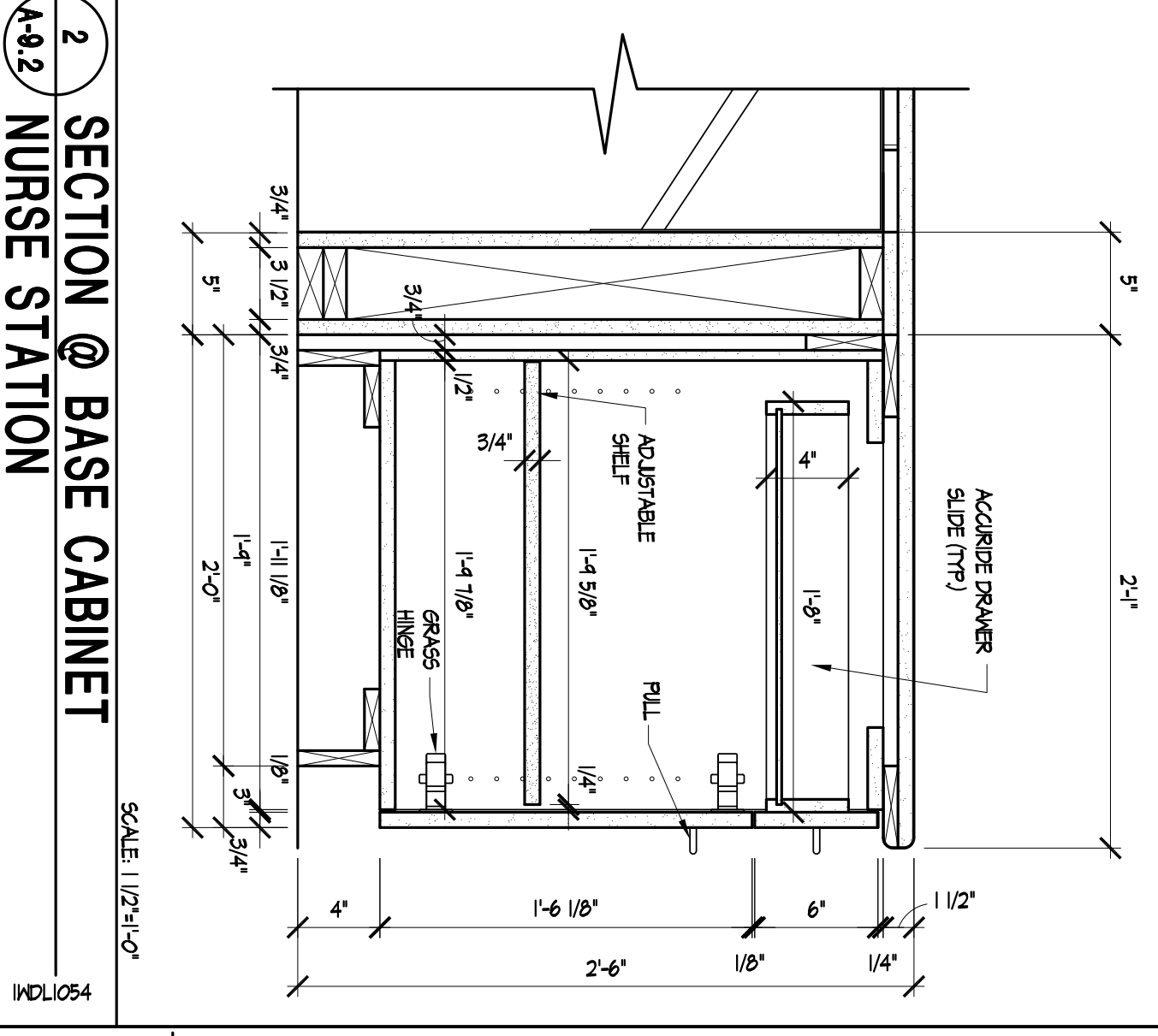
3 SECTION @ COUNTER @ NURSE STATION  
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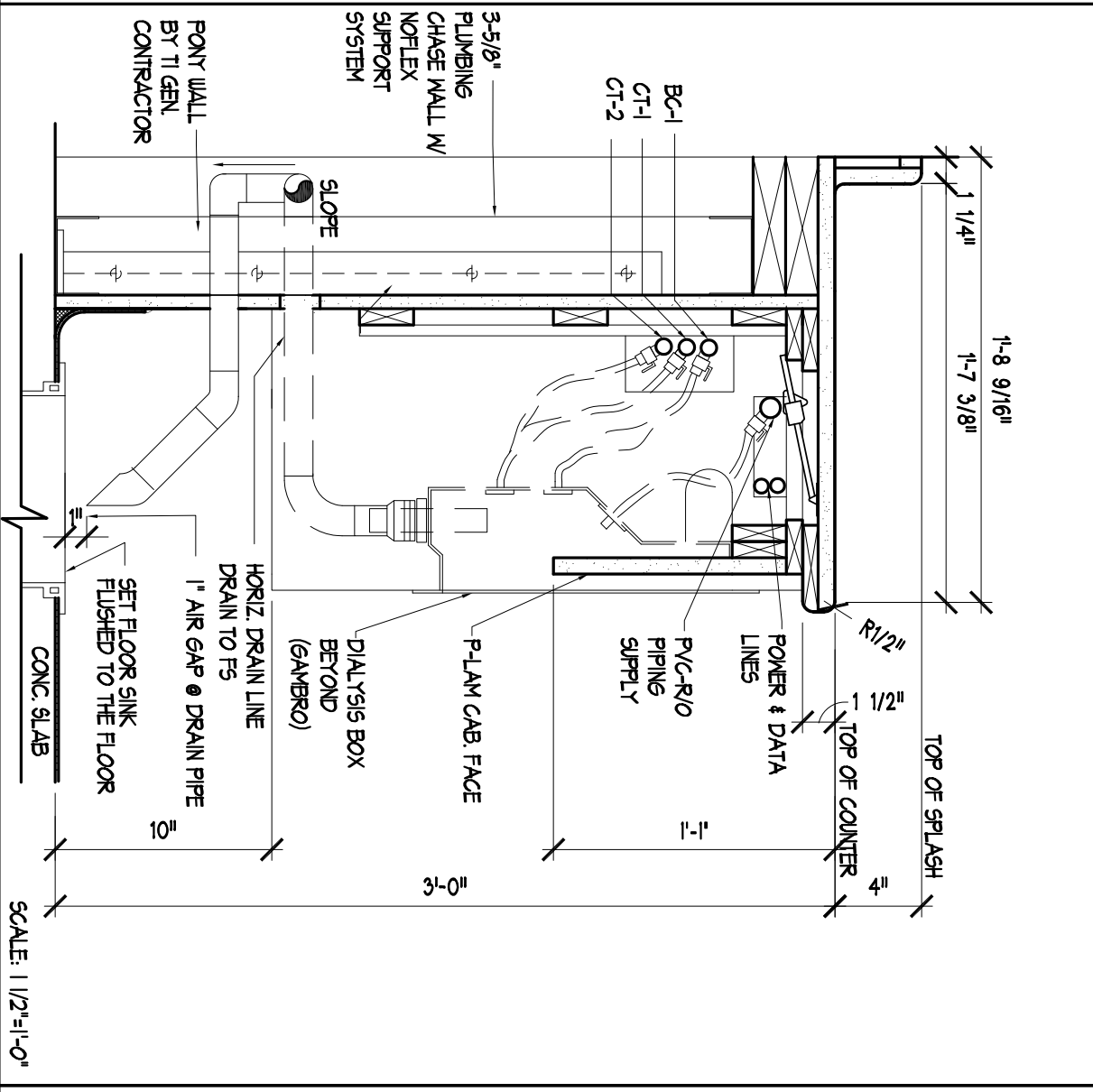
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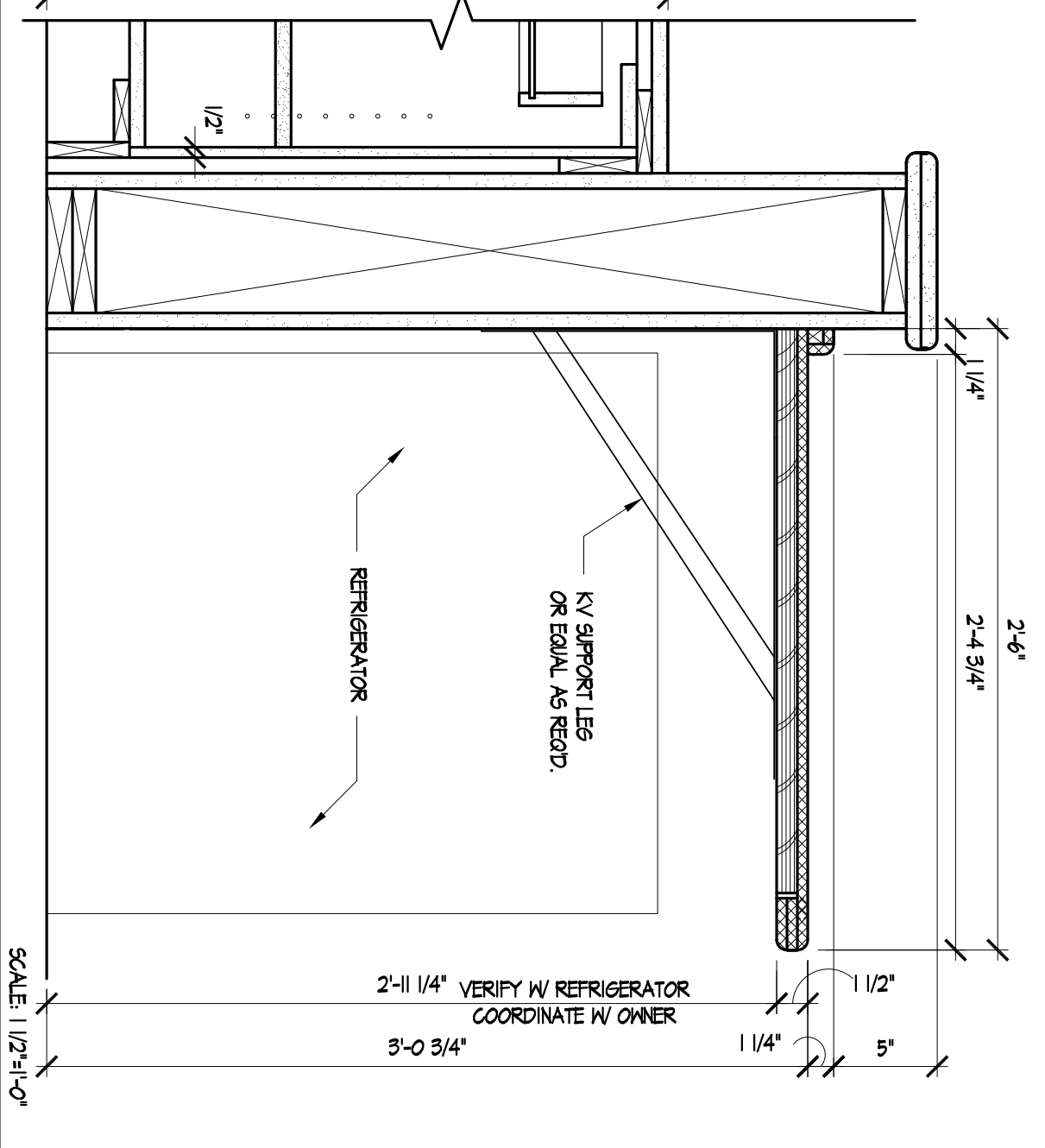
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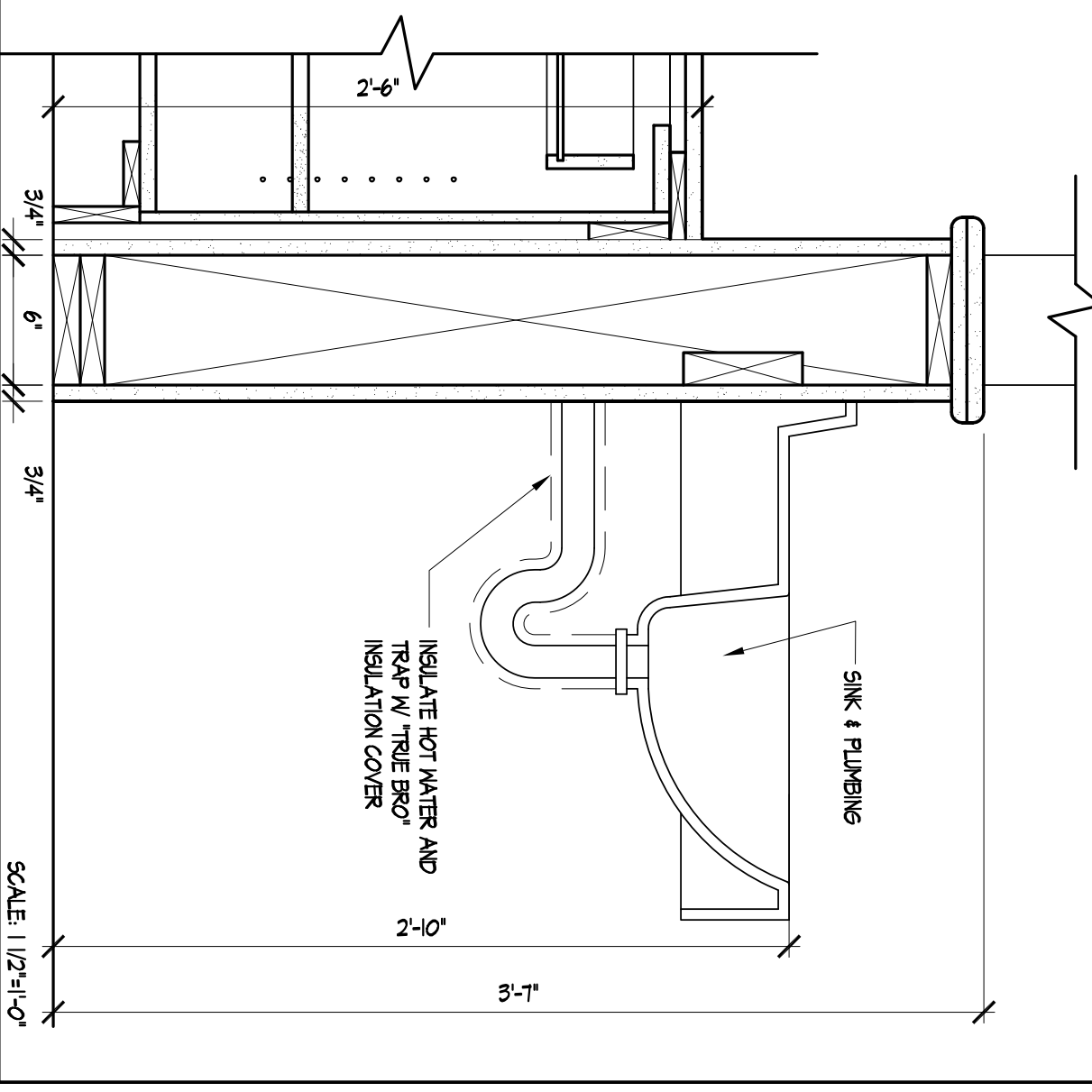
2 SECTION @ BASE CABINET @ NURSE STATION  
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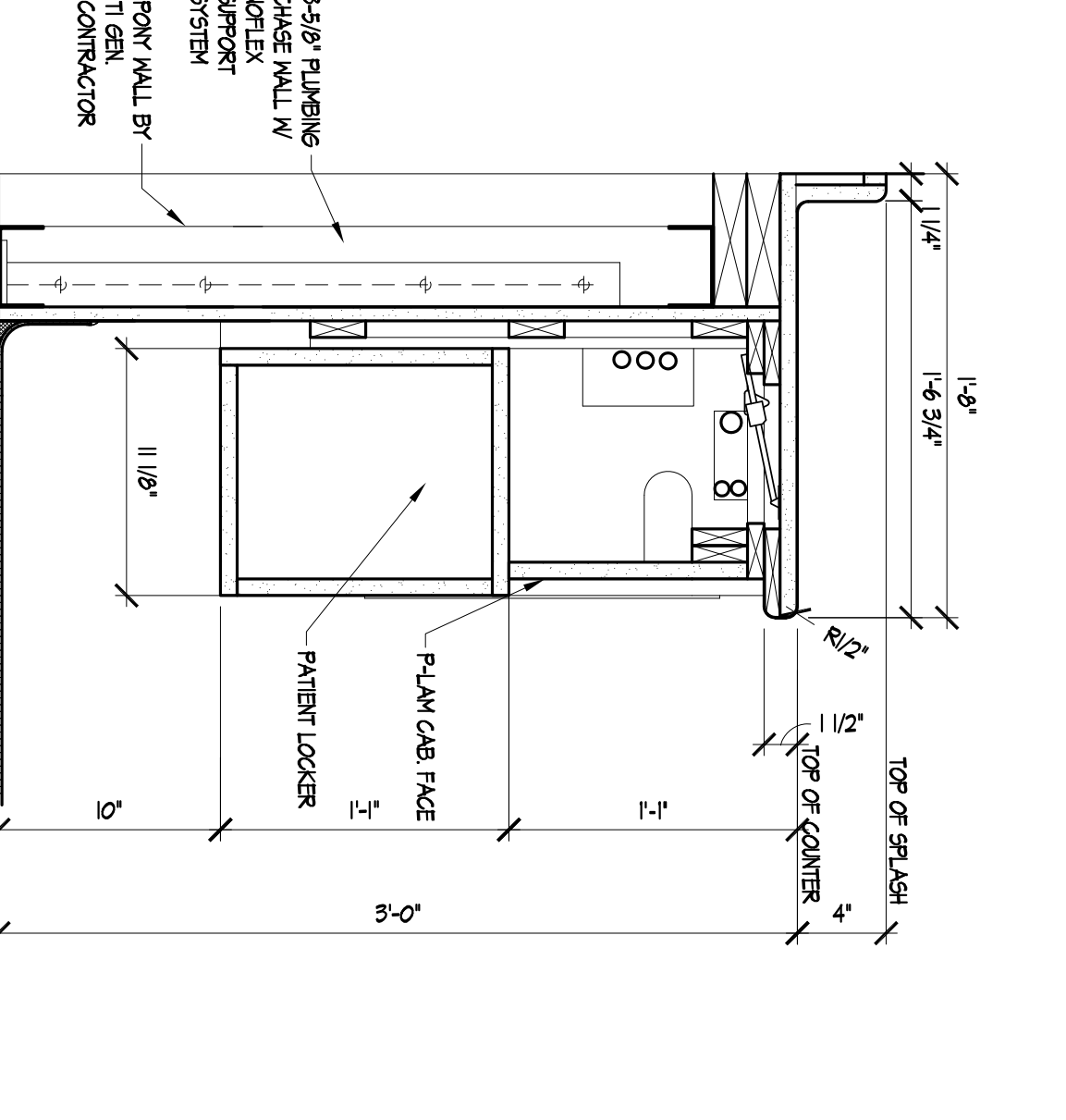
9 SECTION @ CHASE STATION  
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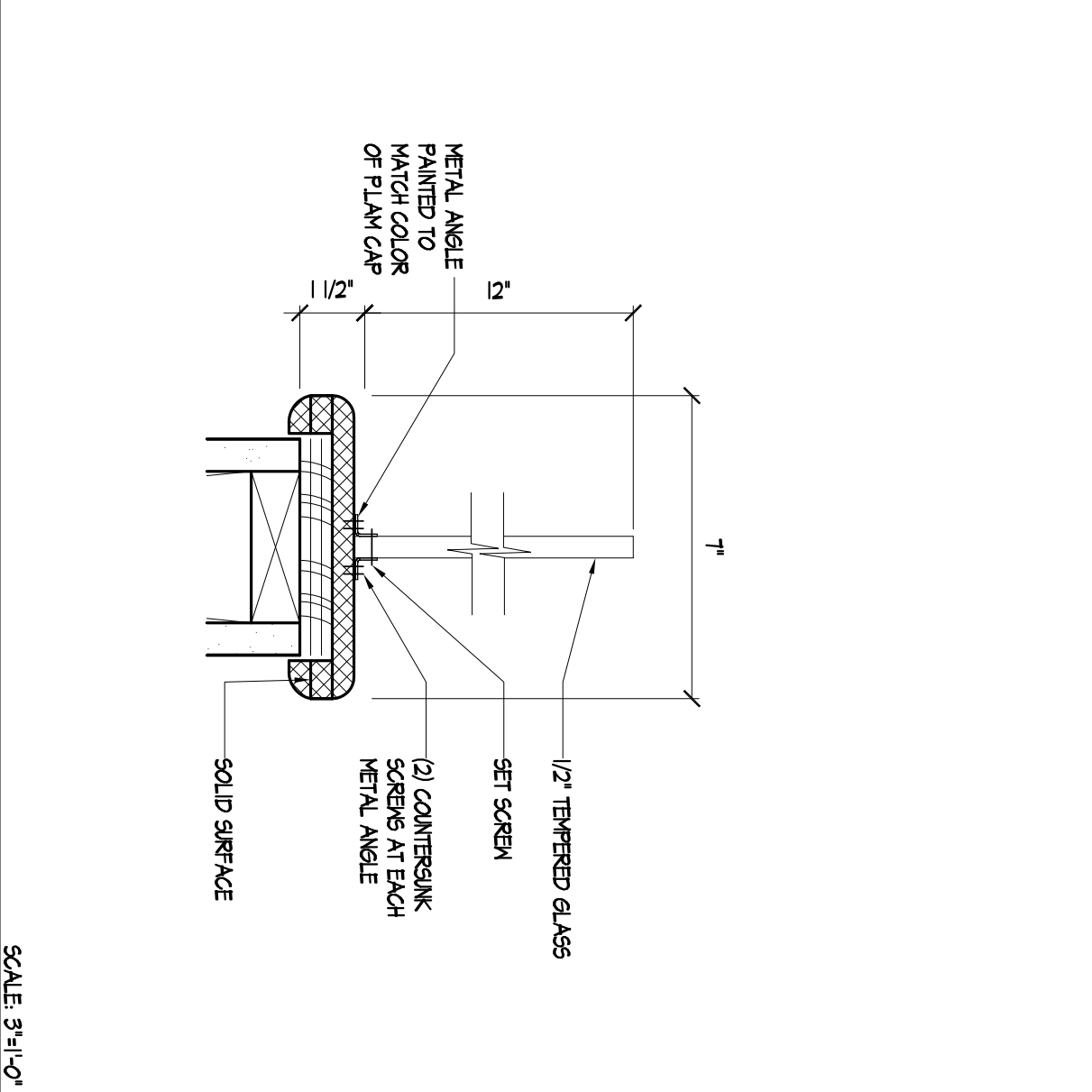
5 SECTION @ MED. PREP. @ COUNTERTOP  
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1 SECTION @ NURSE STATION @ NURSE STATION  
SCALE: 1/2"=1'-0"



14 SECTION @ CHASE STATION  
SCALE: 1/2"=1'-0"



13 SECTION @ TEMPERED GLASS AT PARTIAL WALLS  
SCALE: 3/4"=1'-0"

NOT USED

NOT USED

Submitted Revision	No.	Description	Date	By
	1	PERMIT SUBMITTAL	12/14/2011	JM

Architect's Stamp

Architect: Stephen E. Harriman A.I.A. & Associates  
Date: 12/14/2011  
Scale: 1/2"=1'-0"

Drawings Title: CABINET DETAILS

Job Number: 110306  
CADD Path: DCA-42  
Drawn By: JMT/JM  
Checked By: SPK

Sheet Number: A-9.2



FILTER SCHEDULE table with columns: PLAN MARK, MANUF./MODEL, MODEL NO., MEDIA, QTY., SIZE, CFM, ΔP, ASHRAE EFFICIENCY (LESS), WEIGHT (LBS.), NOTES

NOTES: 1. PRECISION AIRE SUPRESEAL FILTER HOUSING WITH PRECISION PAK BAG FILTERS 16 GA. GALVANIZED STEEL HOUSING WITH DOUBLE-WALLED INSULATION. 2. PROVIDE FILTER GAUGE ACROSS FILTER BANK. THE GAUGE SHALL BE RED LINED WHEN THE PRESSURE DROP REACH 0.75" OF W.C.

MISCELLANEOUS EQUIPMENT SCHEDULE

MISCELLANEOUS EQUIPMENT SCHEDULE table with columns: PLAN MARK, MANUF./MODEL, DESCRIPTION

OSHPD 3, VENTILATION CALCULATION

OSHPD 3, VENTILATION CALCULATION table with columns: ROOM NAME, AREA (Sq. Ft.), ROOM DESIGNATION, PRESSURE TO ADJACENT ROOM, MIN. AIR CHANGES/Hour, TOTAL AIR SUPPLY, RETURN, OUTSIDE EXHAUST, TRANSFER

NOTES: 1. THE OUTSIDE AIR QUANTITIES LISTED ARE INCLUDED IN THE TOTAL SUPPLY AIR CFM.

ROOF TOP AIR CONDITIONING UNIT SCHEDULE

ROOF TOP AIR CONDITIONING UNIT SCHEDULE table with columns: PLAN MARK, QTY., MANUF., MODEL NO., NOM. TONS, SA CFM, SW CFM, ESP (MBH), TOTAL (MBH), GAS INPUT (MBH), FUSE, MAX. FAN HP, WCA, VOLTS, PH., EER, WT., LOCATION

NOTES: 1. AC 1, 2 SHALL BE COMPLETE WITH 14" HIGH ROOF CURB, ECONOMIZER, CENTRIFUGAL, POWER EXHAUST WITH FIXED AIR FLOW, 33CS DIGITAL PROGRAMMABLE THERMOSTAT WITH REMOTE SENSOR, 30% AND 90% EFFICIENCY FILTERS, VARIABLE FREQUENCY DRIVE FOR THE SUPPLY FAN, AND DUCT MOUNTED SMOKE DETECTOR. 2. AC 3,4,5 SHALL BE COMPLETE WITH 14" HIGH ROOF CURB, FRESH AIR INTAKE HOOD, 33CS DIGITAL PROGRAMMABLE THERMOSTAT, AND 30% EFFICIENCY FILTERS. 3. VARIABLE FREQUENCY DRIVE FOR AC-1 & 2 SUPPLY FAN SHALL BE SET TO DELIVER A CONSTANT SUPPLY AIR FLOW AS NOTED IN THE SCHEDULE.

SPLIT SYSTEM COOLING UNIT SCHEDULE

SPLIT SYSTEM COOLING UNIT SCHEDULE table with columns: PLAN MARK, MANUF., MODEL NO., NOM. TONS, ESP (MBH), TOTAL (MBH), GAS INPUT (MBH), FUSE, MAX. FAN HP, WCA, VOLTS, PH., SEER, WT., LOCATION

NOTES: 1. CU-1 SHALL BE COMPLETE WITH REMOTE THERMOSTAT AND FREEZE PROTECTION FOR LOW AMBIENT TEMPERATURE.

EXHAUST FAN SCHEDULE

EXHAUST FAN SCHEDULE table with columns: PLAN MARK, MANUF., MODEL NO., AREA SERVED, PERFORMANCE CFM, ESP, RPM, VOLTS, PH., OPERG. WT., LOCATION, CONTROL

NOTES: 1. EF-1 & 2 SHALL BE COMPLETE WITH ROOF CURB, BRD SORENY, AND BACKDRAFT DAMPER.

AIR OUTLET SCHEDULE

AIR OUTLET SCHEDULE table with columns: PLAN MARK, DESCRIPTION

USE A BLACK SPRAY PAINT TO PAINT ALL THE VISIBLE INTERIOR PORTION OF THE WALL AND CEILING DIFFUSERS.

MECHANICAL DRAWING INDEX

MECHANICAL DRAWING INDEX table with columns: MARK, SHEET TITLE

SYMBOLS LEGEND

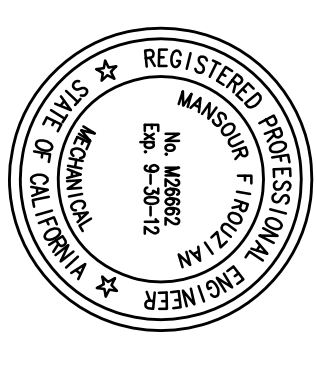
SYMBOLS LEGEND table with columns: SYMBOL, ABBREV., DESCRIPTION

GENERAL NOTES

- A. HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS SHALL COMPLY WITH CALIFORNIA MECHANICAL CODE 2007. B. ALL MECHANICAL EQUIPMENT SHALL BE ANCHORED OR STRAPPED TO RESIST DISTURBANCE WITHIN 75% O.M.C. C. DUCT TRANSVERSE JOINTS AND LONGITUDINAL SEAMS SHALL BE SEALED IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARDS D. DUCT CONSTRUCTION, DUCT CONSTRUCTION SHALL BE IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS FOR 2" W.G. STATIC TABLE 1-4 E. INSULATION APPLIED TO THE EXTERIOR SURFACE OF DUCTS LOCATED IN BUILDING SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 50 WHEN TESTED AS A COMPOSITE INSULATION INCLUDING INSULATION FRANGING MATERIALS, TAPES AND ADHESIVES 1) FACTORY-MADE AIR DUCTS SHALL BE CLASS 0 OR CLASS 1, DO NOT USE CLASS 2 DUCTS. 2) DUCT LINING MATERIAL, OTHER THAN 1" THICK AEROGEL DUCT LINER MATERIAL, SHALL HAVE A MILDLY FLAMING AND COMBUSTION RESISTANCE SURFACE THAT MEETS THE REQUIREMENTS OF UL-900 STANDARD 6-1. F. DUCTWORK, HANGING AND CASING CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH HANG METAL DUCT STANDARDS MANUAL, SMACNA AND SHALL CONFORM TO UNIFORM MECHANICAL CODE MATERIAL SHALL BE GALVANIZED SHEET METAL OR ALUMINUM G. SHEET METAL ROUND AND FLAT Oval DUCT SHALL BE GALVANIZED SHEET METAL CONSTRUCTED PER SMACNA STANDARD H. FLEXIBLE DUCTWORK SHALL BE 1/2" GENETEX, OR EQUAL, INSULATED FLEXIBLE DUCT RATED TO APPROXIMATELY 147° F. GRADING PRESSURE SHALL BE 1.5" W.G. PER 10' OF LENGTH. MANUFACTURER'S APPROVED BAND AND TAPE MATERIALS ONLY. MAXIMUM ALLOWABLE LENGTH SHALL NOT EXCEED 10'. SUPPORT FLEXIBLE DUCT OF 1-1/2" NCH WIDE, OTHERWISE, PROVIDE SHEET METAL SADDLE TO COVER ONE-HALF OF DUCT CIRCUMFERENCE. I. PROVIDE UL WALL PENETRATION ASSEMBLY FOR RATED WALLS FOR GROUND PENETRATING SYSTEMS TO THE EXTERIOR. 1" W.G. & 1/2" W.G. OR WALLS WITH THE GENERAL CONTRACTOR. J. ALL CONTROL SYSTEM WIRING, CONDUITS, TERMINATION FOR ALL WIRING, FIRE, ENERGY MANAGEMENT SYSTEMS SHALL BE PROVIDED AND INSTALLED BY MECH CONTRACTOR. ALL LINE VOLTAGE CIRCUIT BREAKERS, AND ROUND-IN SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. K. BRASS/STAINLESS SHALL BE SMOOTHED WHEN PROVIDED. L. ALL PARTS SHALL BE SMOOTHED WHEN PROVIDED. M. PROVIDE REMANING EXISTING PASTIC HANG PLATE FOR ALL EQUIPMENT'S INSTALLED, INDICATING THE PLAN DESIGNATION OF THE UNIT AND THE BUILDING AREA SERVED O. CONTRACTOR SHALL VERIFY ALL WORK CONDITIONS PRIOR TO COMMENCING WORK, INCLUDING BERT NOT LIMITED TO DIMENSIONS, EQUIPMENT, STRUCTURAL INSULATION OF ALL NEW WORK, MATERIALS, EQUIPMENT, ETC. COORDINATE THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT WITH THE STRUCTURAL ENGINEER P. FINAL CONNECTIONS TO FREE/SHAKE DAMPERS SHALL BE PERFORMED BY MECH CONTRACTOR Q. ALL FINAL CONNECTION TO INTERLOCKS SHALL BE PERFORMED BY MECH CONTRACTOR R. DUCT SMOKE DETECTORS TO BE PROVIDED AND WIRED BY ELECTRICAL CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR

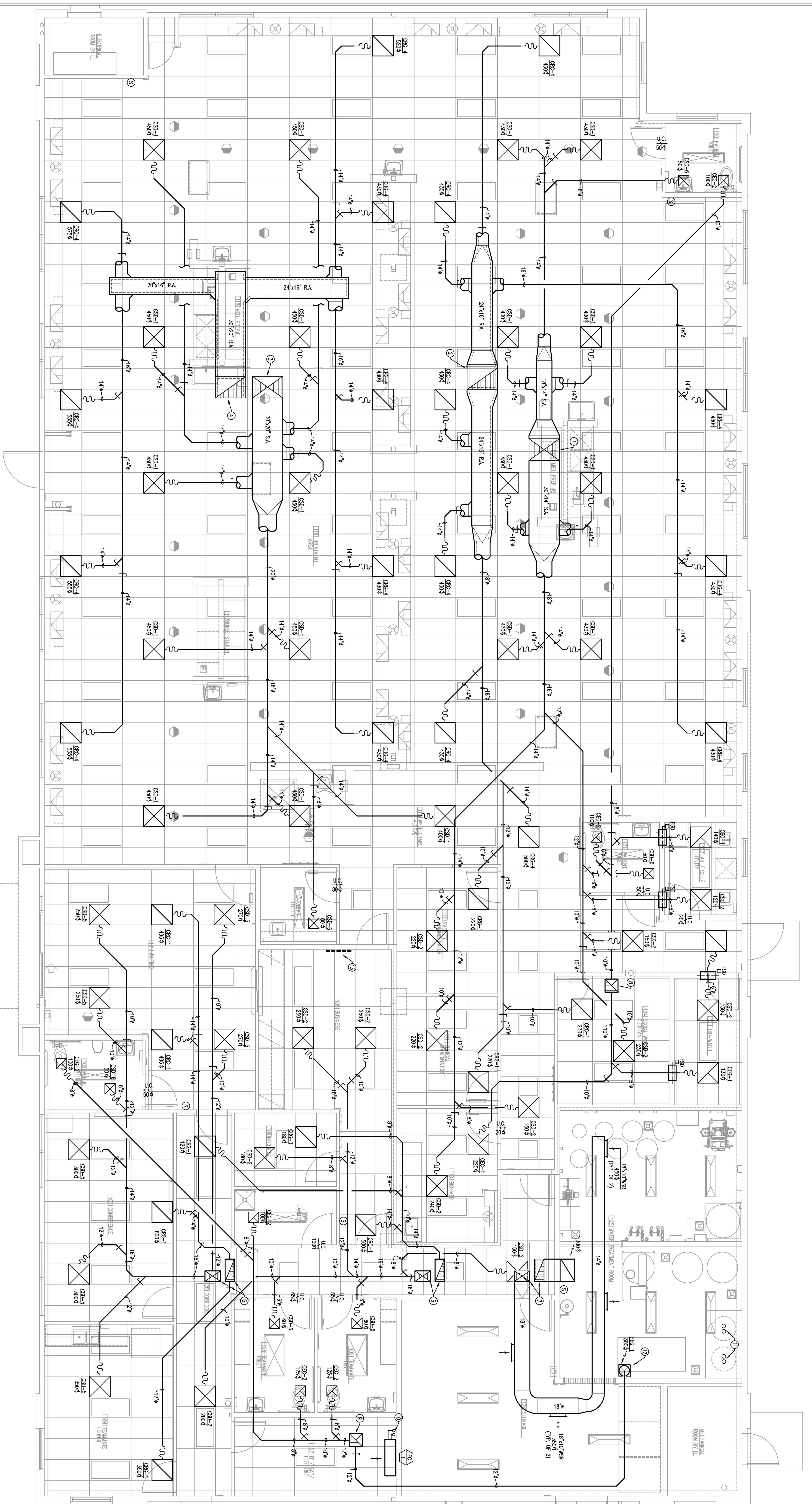
Stephen E. Harrison A.I.A. & Associates Interior Design 1601 Cabana Blvd, Suite 200 Redwood Creek, California 94588 Fax: 925-854-1160 Fax: 925-854-8132

Davita DAVIDA'S TENANT IMPROVEMENTS FOR DAVITA, INC. 405 Power Parkway Palmdale, California

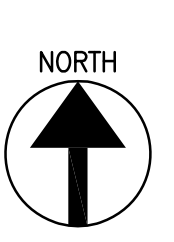


ENGINEERING NETWORK CONSULTING ENGINEER 10550 HILLCREST CHASE, PALMDALE, CA 93550 Fax: (805) 370-6191 Fax: (805) 370-8242

MECHANICAL NOTES, LEGEND, INDEX, AND SCHEDULES Job Number: 111308 Sheet Number: M10 Drawn By: TCO Checked By: EN



**1** MECHANICAL FLOOR PLAN  
SCALE: 1/4" = 1'-0"

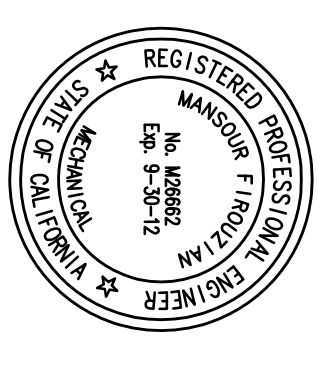


- SHEET NOTES:**
- 1 30"x30" SUPPLY AIR DUCT FROM AC-1 ON THE ROOF. PROVIDE EXTERIOR INSULATION.
  - 2 30"x30" LIQUID RETURN AIR DUCT FROM AC-1 ON THE ROOF.
  - 3 30"x30" SUPPLY AIR DUCT FROM AC-2 ON THE ROOF. PROVIDE EXTERIOR INSULATION.
  - 4 30"x30" LIQUID RETURN AIR DUCT FROM AC-2 ON THE ROOF.
  - 5 LIQUID SUPPLY AND RETURN PLenums FROM AC-3
  - 6 LIQUID SUPPLY AND RETURN PLenums FROM AC-4
  - 7 LIQUID SUPPLY AND RETURN PLenums FROM AC-5
  - 8 LIQUID RETURN FROM EF-1 ON THE ROOF.
  - 9 LIQUID RETURN FROM EF-2 ON THE ROOF.
  - 10 3/4" SUCTION AND 3/2" LIQUID REFRIGERATION PIPES FROM FC-1 UP TO CH-1 ON THE ROOF.
  - 11 3" PVC VENT AND CONDENSATION AIR PIPES UP TO ROOF. TERMINATE RECOMMENDATIONS.
  - 12 EXTEND 12" EXHAUST DUCT DOWN TO 6" A.F.F. AND TRANSITION TO 14"x14" DUCT. INSTALL A 12"x12" TIE-BACK EXHAUST GRILLE.
  - 13 INSTALL THE (3) REMOTE THERMOSTATS ON THE WALL AND IN SPACES AT 48" A.F.F. FOR FORWARD REACH ACCESSIBILITY AND 54" A.F.F. FOR SIDE REACH ACCESSIBILITY.

<b>Stephen E. Harrison A.I.A.</b> & Associates Architecture & Interior Design 1801 Cabana Road, Suite 200 Redwood Creek, California 94588 Tel: 925-834-1182 Fax: 925-834-1182									
<b>Davita</b> DIALYSIS TENANT IMPROVEMENTS FOR DAVITA, INC. 405 Power Parkway Dublin, California									
<b>ENGINEERING NETWORK</b> CONSULTING ENGINEER, C.E. 94549 10 3300 HORIZON DRIVE, SUITE 200 PALMDALE, CA 93550 TEL: (805) 370-6191 FAX: (805) 370-8842									
<p><b>Architect's Stamp</b></p> <p><b>Submitted History</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Description</th> <th>Date</th> <th>By</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PERMIT SUBMITTAL</td> <td>12/14/11</td> <td></td> </tr> </tbody> </table> <p><b>Drawing Title</b></p> <p style="text-align: center;"><b>MECHANICAL FLOOR PLAN</b></p> <p>Job Number: 111308                  CAD/PA: [Blank]                  Drawn By: TCO                  Checked By: EN</p> <p style="text-align: right;">Sheet Number: <b>M2.0</b></p>	No.	Description	Date	By	1	PERMIT SUBMITTAL	12/14/11		<p style="text-align: center;"><b>BUILDING PERMIT SUBMITTAL</b></p>
No.	Description	Date	By						
1	PERMIT SUBMITTAL	12/14/11							

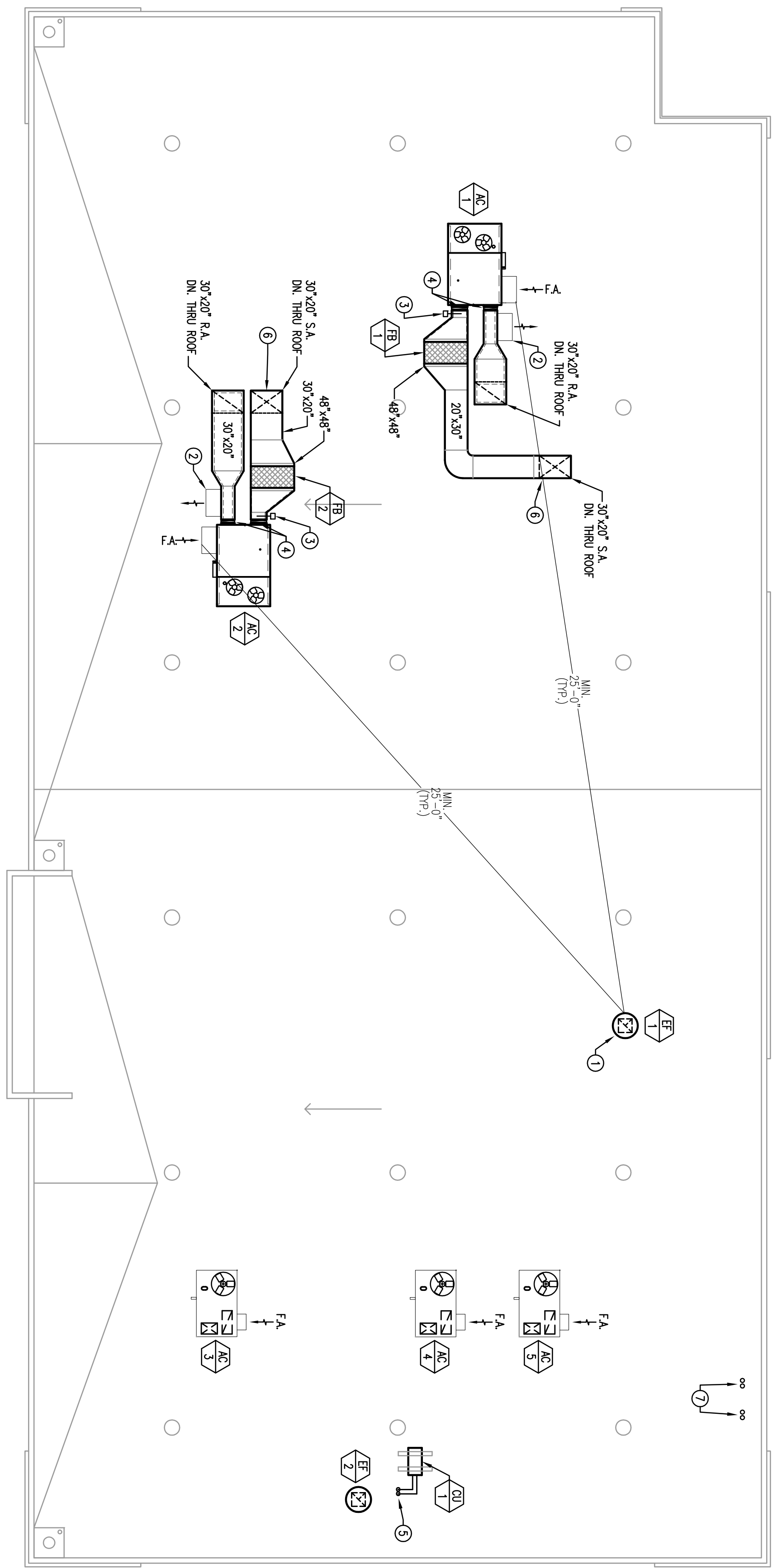
**Stephen E. Harrison A.I.A.**  
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**Davita**  
 DIALYSIS TENANT IMPROVEMENTS  
 FOR  
**DAVITA, INC.**  
 405 Power Parkway  
 Delano, California



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 1875 BRIDGE AVENUE, SUITE 200, REDWOOD CREEK, CA 94568  
 TEL: (925) 370-4191 FAX: (925) 370-8242

- ROOF PLAN SHEET NOTES:**
- 1 MAINTAIN MINIMUM OF 25'-0" BETWEEN ANY VENT OR EXHAUST OUTLET AND THE FRESH AIR INTAKE OF AC-1 AND AC-2.
  - 2 POWER EXHAUST FAN.
  - 3 INSTALL A DUCT MOUNTED SMOKE DETECTOR WITH SAMPLING TUBE AND WEATHER PROOF ENCLOSURE.
  - 4 INSTALL SHEETMETAL SHIMSHED OVER THE FLEX CONNECTOR.
  - 5 REFRIGERANT PIPING DOWN TO FC UNIT BELOW. SEE DETAIL FOR ROOF PENETRATION.
  - 6 PROVIDE EXTERIOR INSULATION WITH ALUMINUM JACKET FOR THE SUPPLY AIR DUCT.
  - 7 3" PVC VENT AND CONDENSATION AIR PRESS UP FROM BELOW.
  - 8 INSTALL ALL THE ROOFTOP DUCTWORK USING "DUCTWAVE" FOR JOINING THE SECTIONS.



**1 NEW MECHANICAL ROOF PLAN**  
 SCALE: 1/8" = 1'-0"  
 NORTH

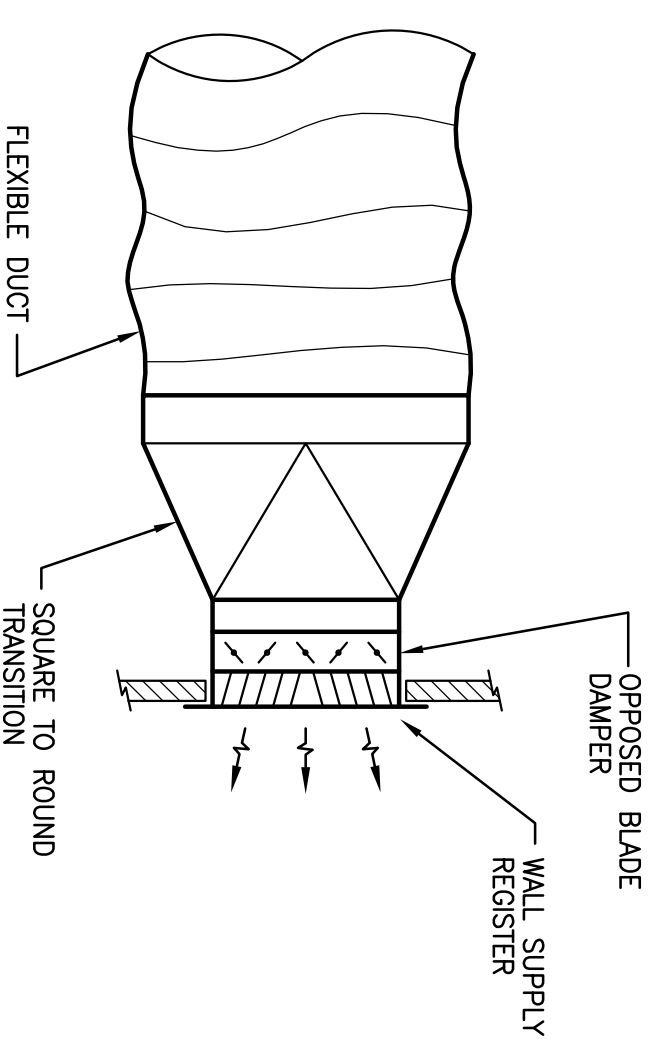
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**MECHANICAL ROOF PLAN**

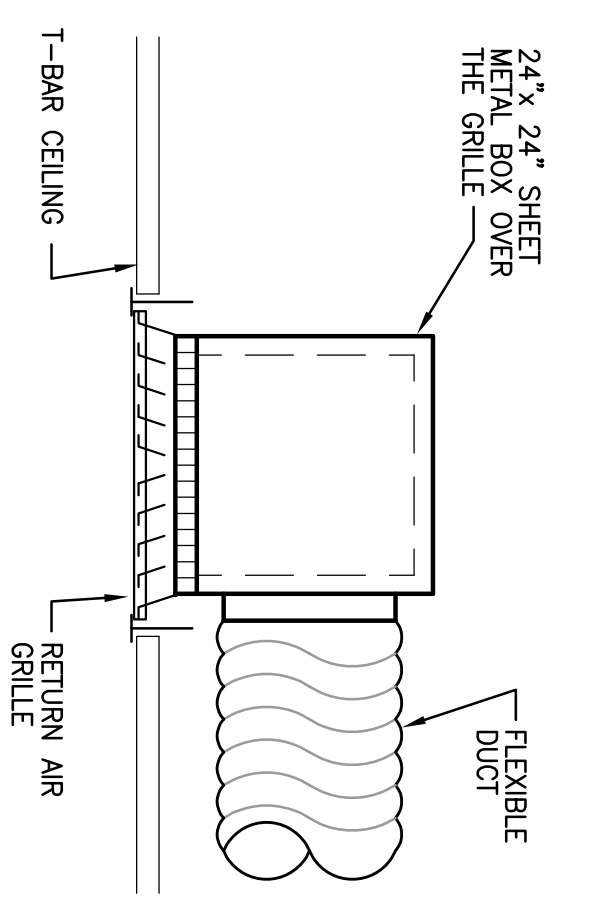
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Checked By	EN		

**M3.0**

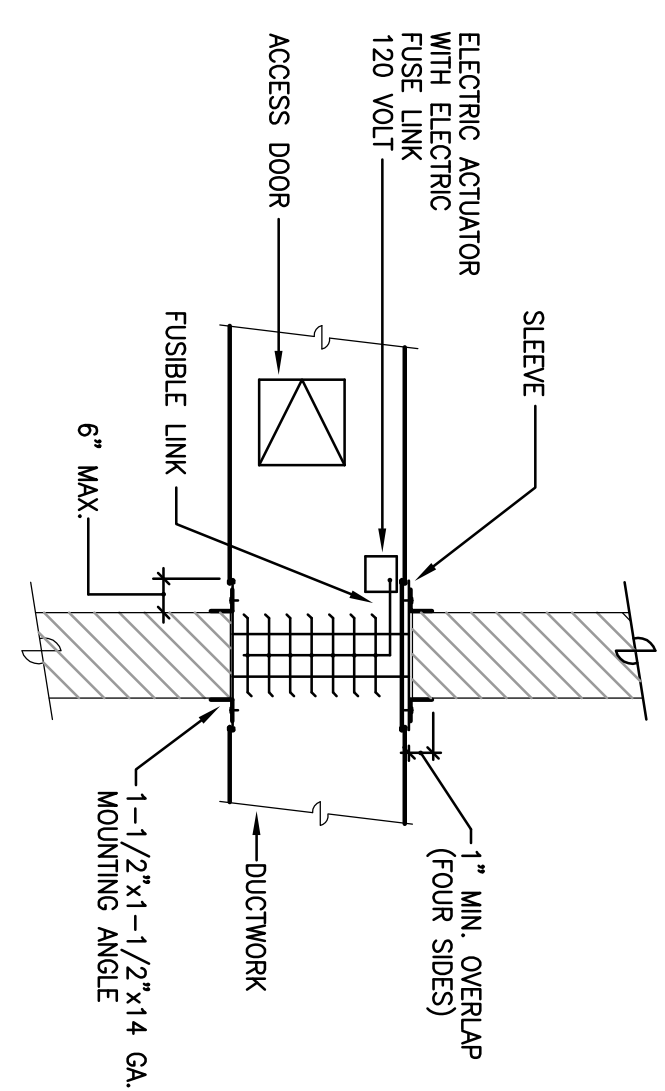
BUILDING PERMIT SUBMITTAL



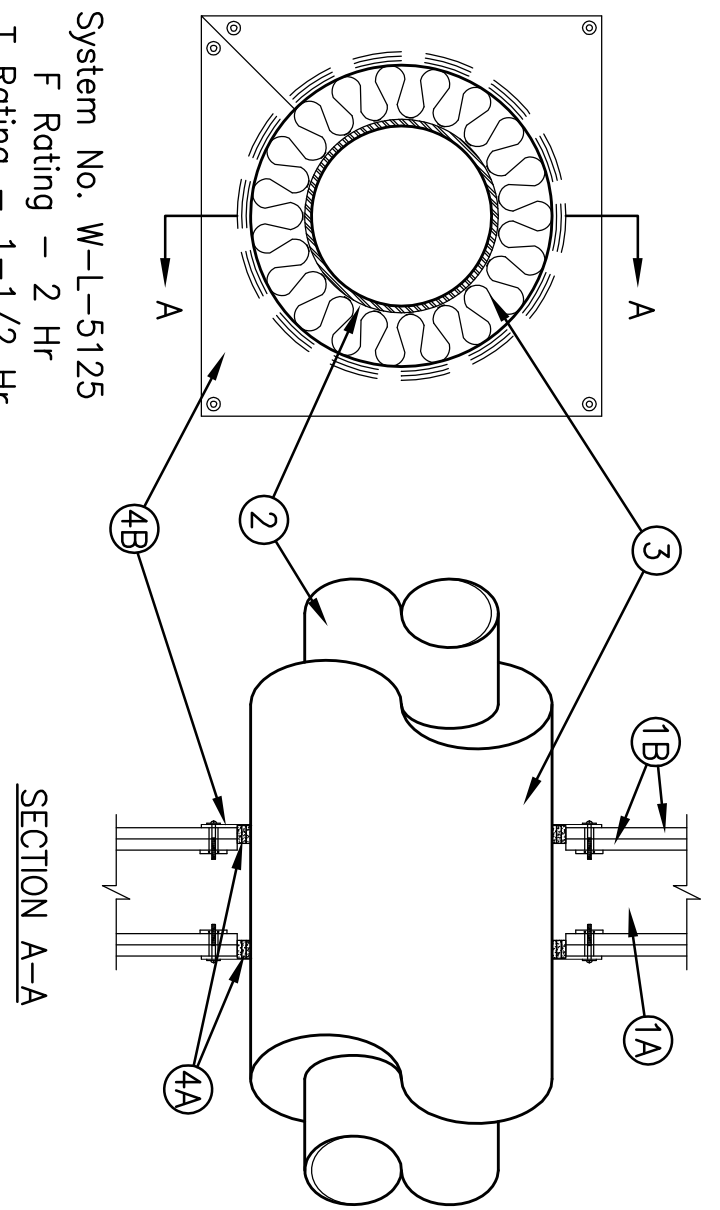
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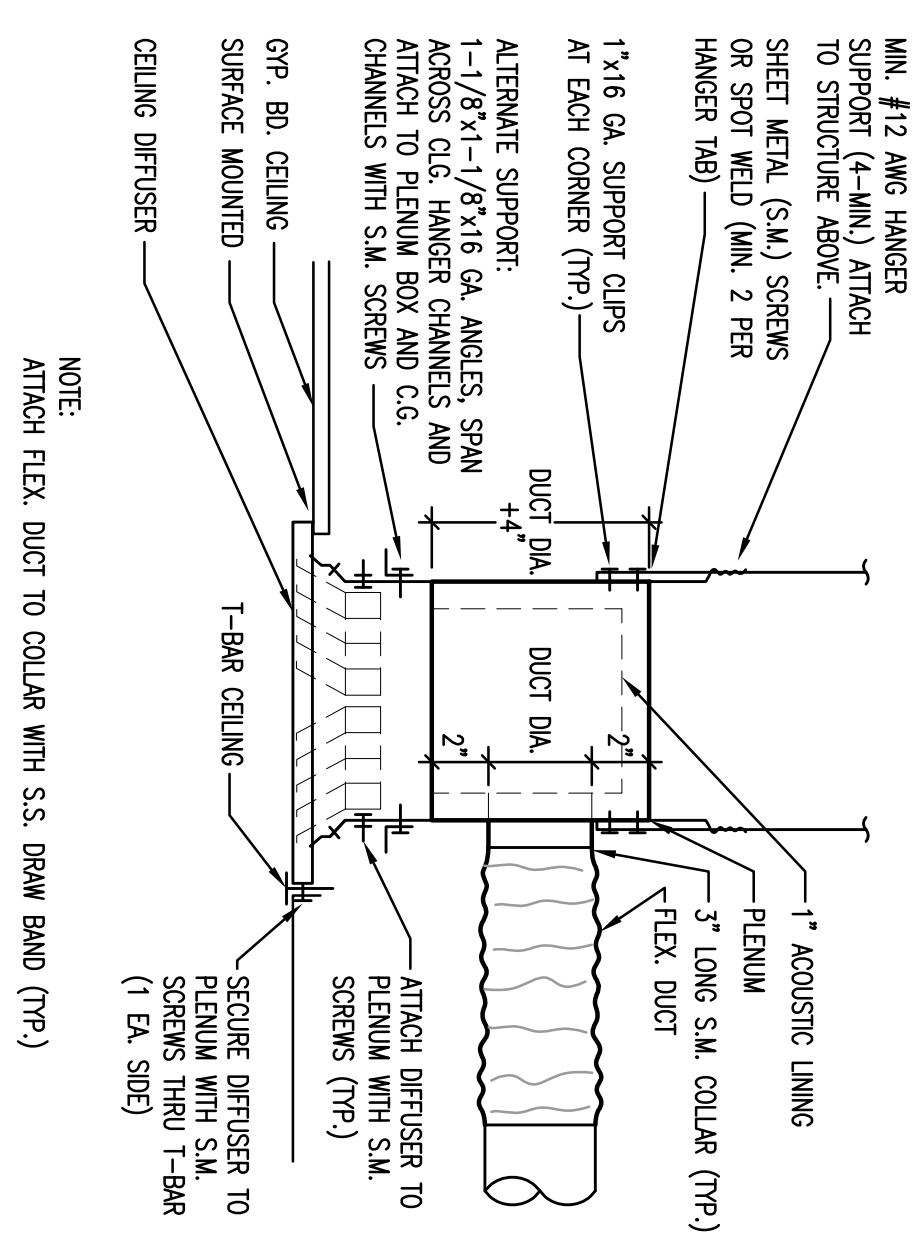
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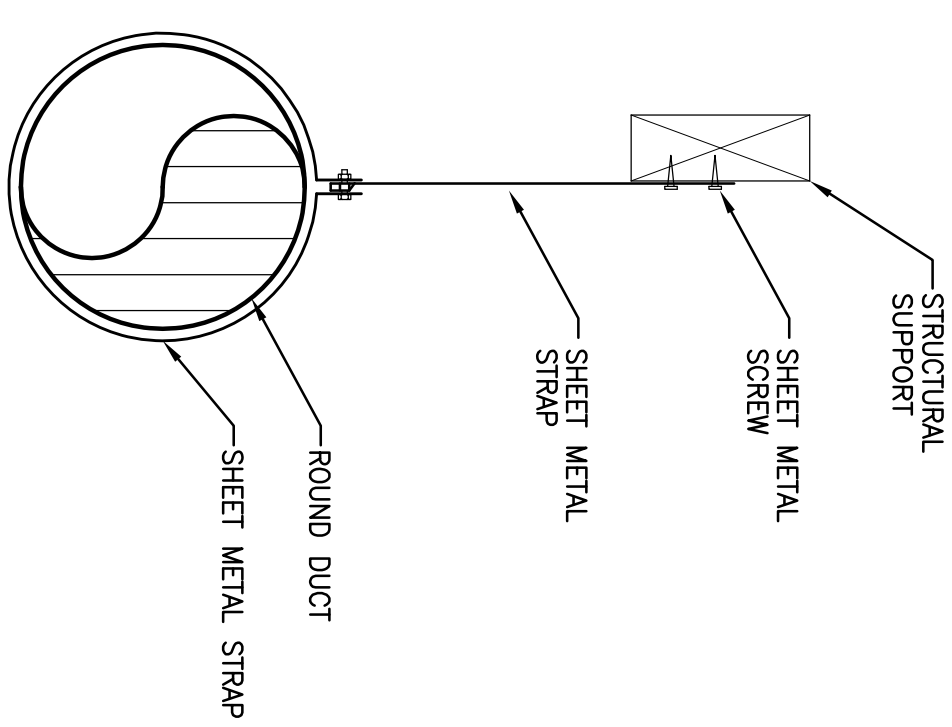
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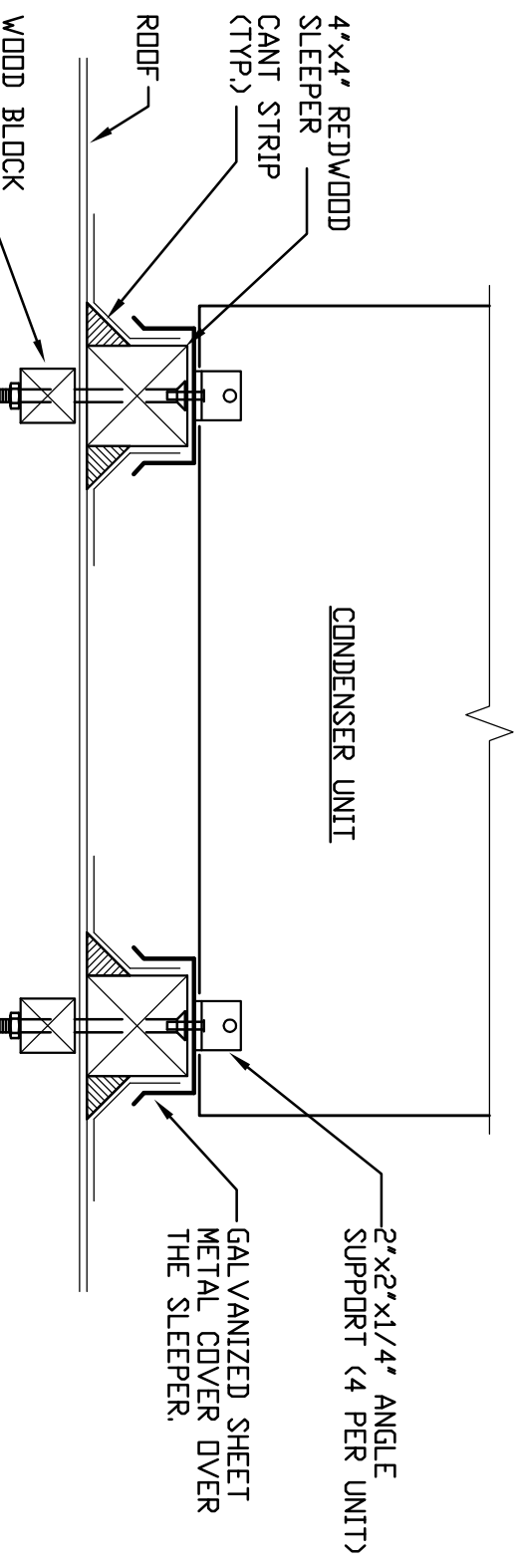
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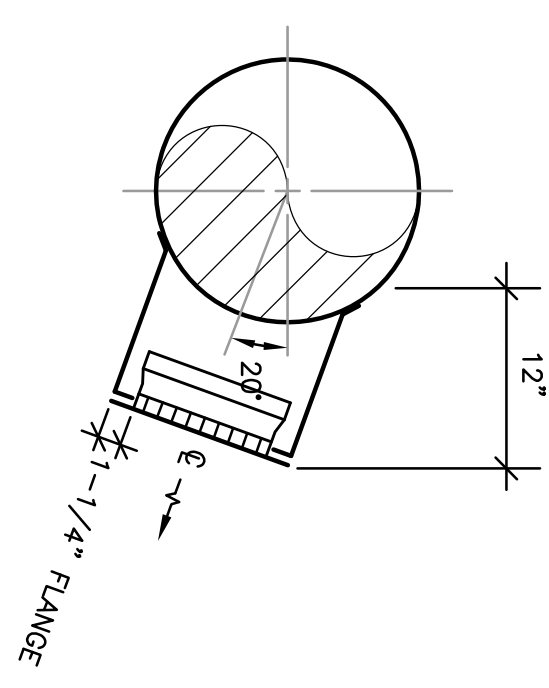
**15 TYP. SUPPLY DIFFUSER INSTALLATION**  
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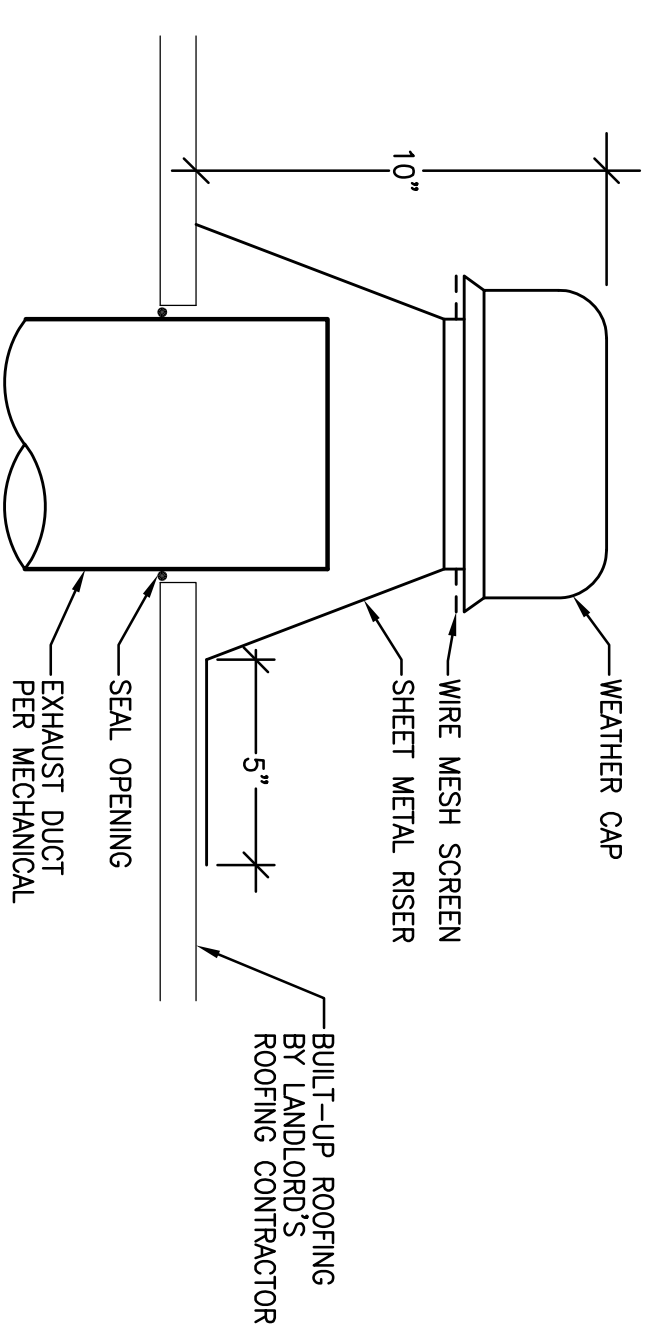
**10 ROUND DUCT HANGER DETAIL**  
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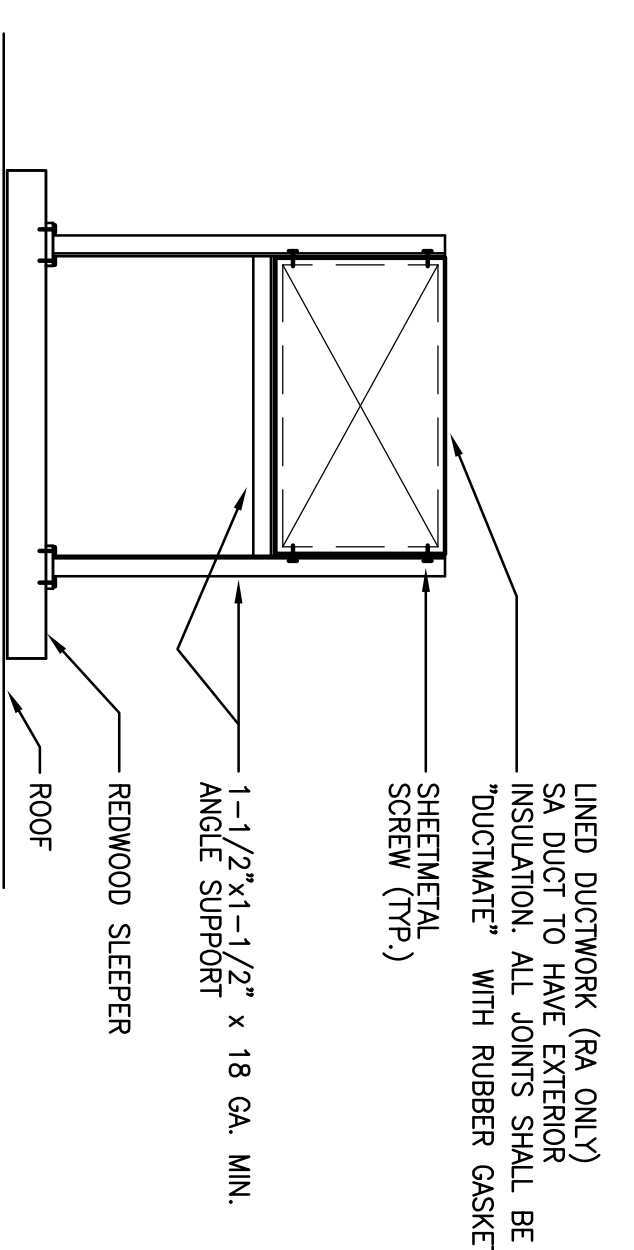
**16 CONDENSING UNIT MOUNTING DETAIL**  
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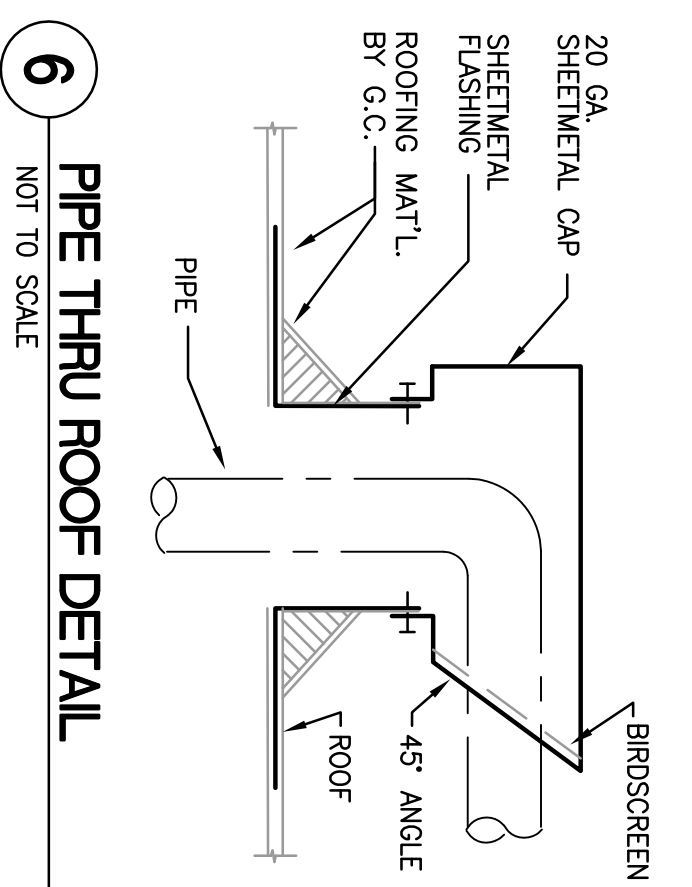
**11 DUCT MOUNTED DIFFUSER DETAIL**  
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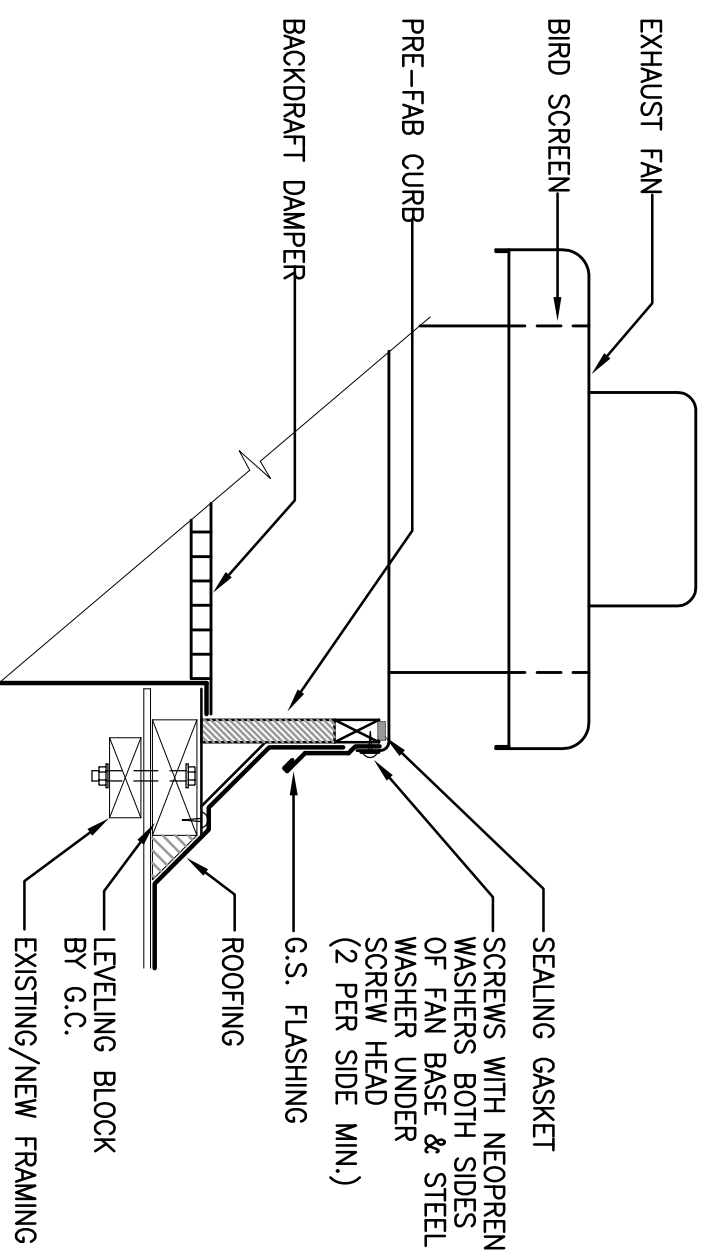
**17 EXHAUST VENT AT ROOF DETAIL**  
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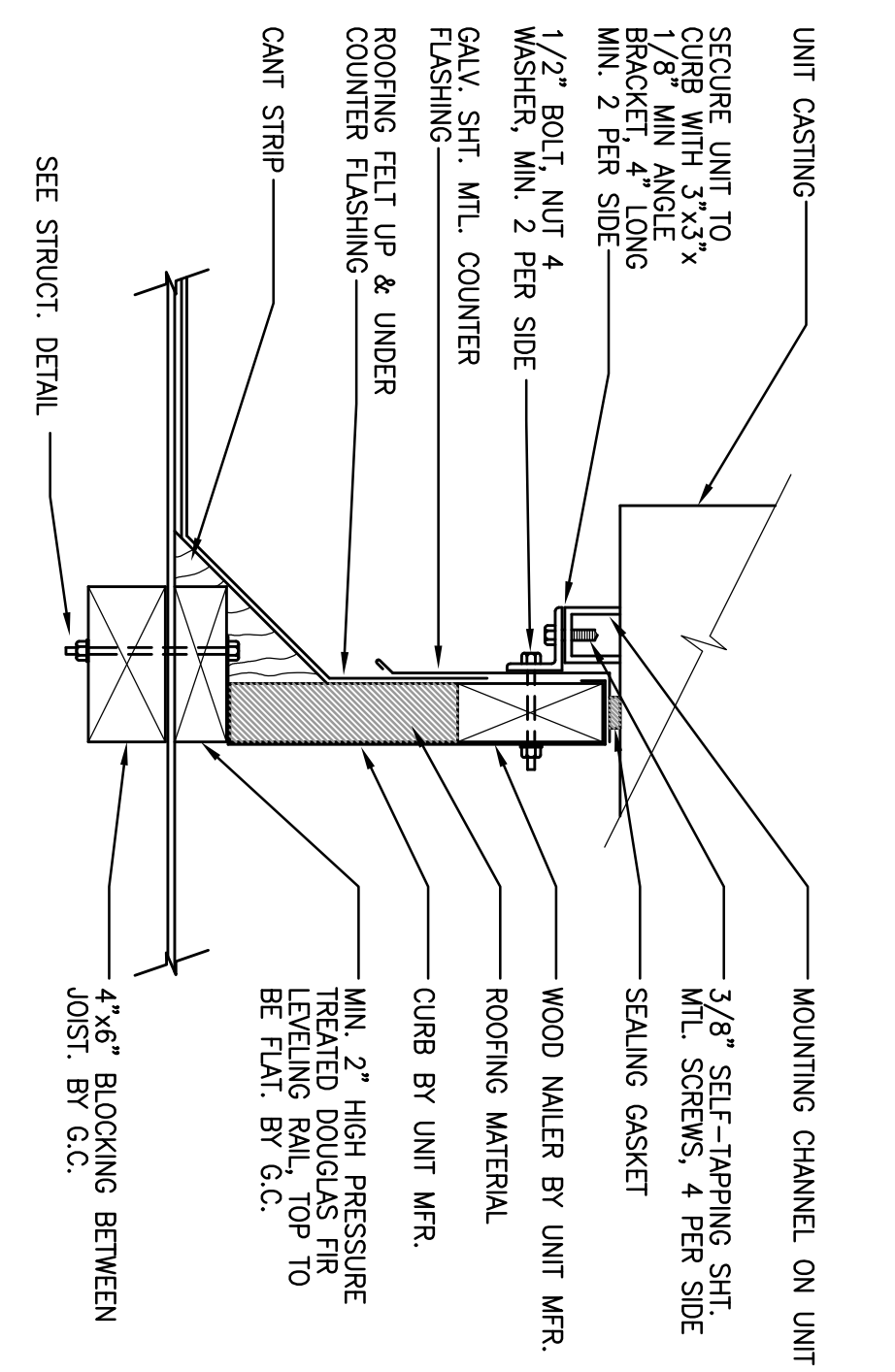
**12 RECTANGULAR DUCT SUPPORT ON ROOF**  
NOT TO SCALE



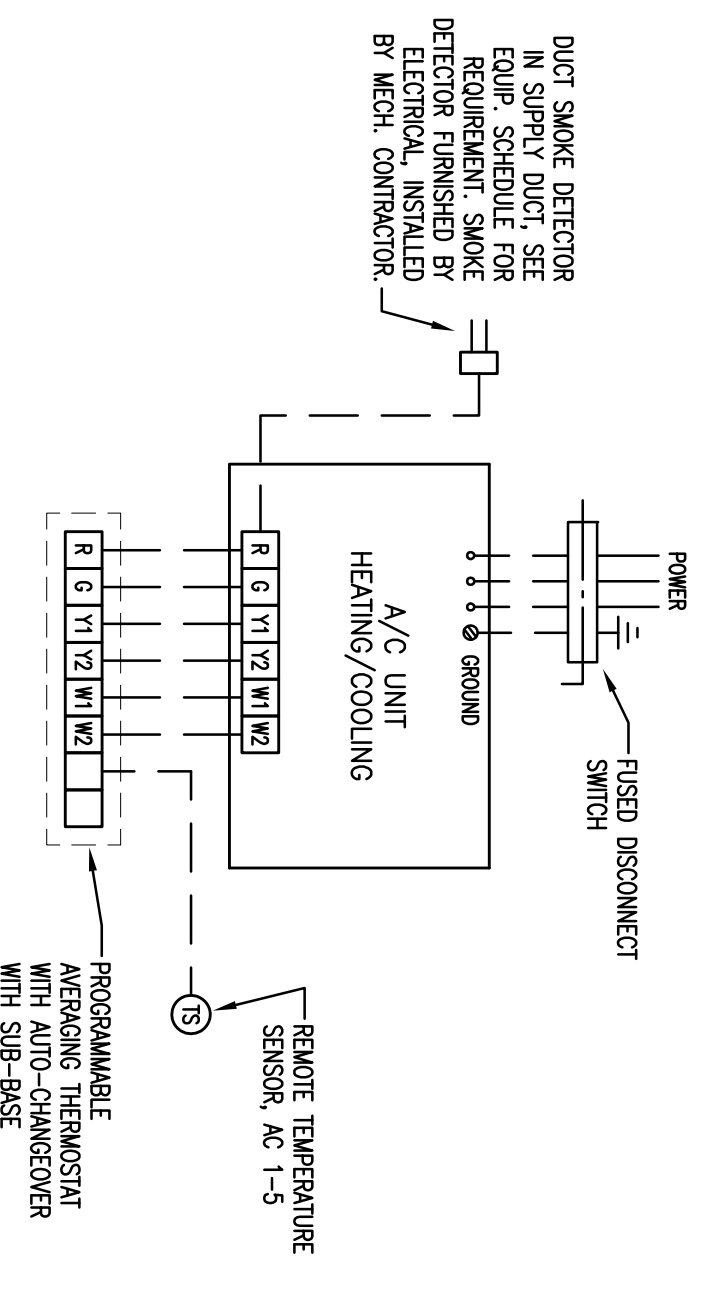
**6 PIPE THRU ROOF DETAIL**  
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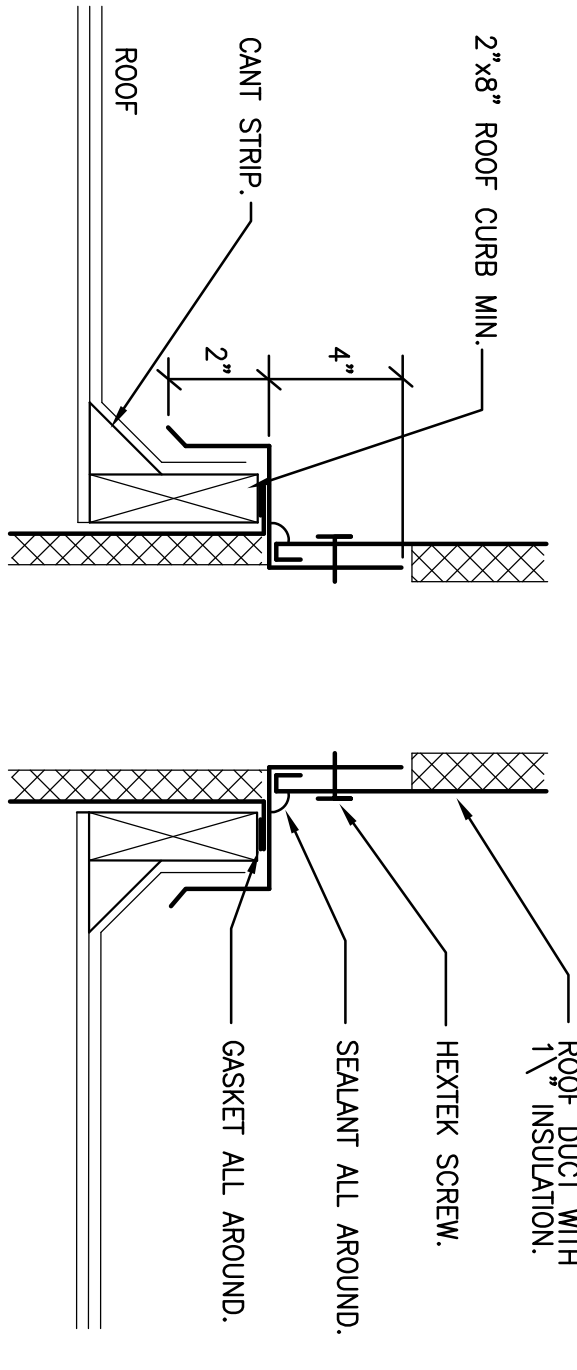
**7 EXHAUST FAN CURB DETAIL**  
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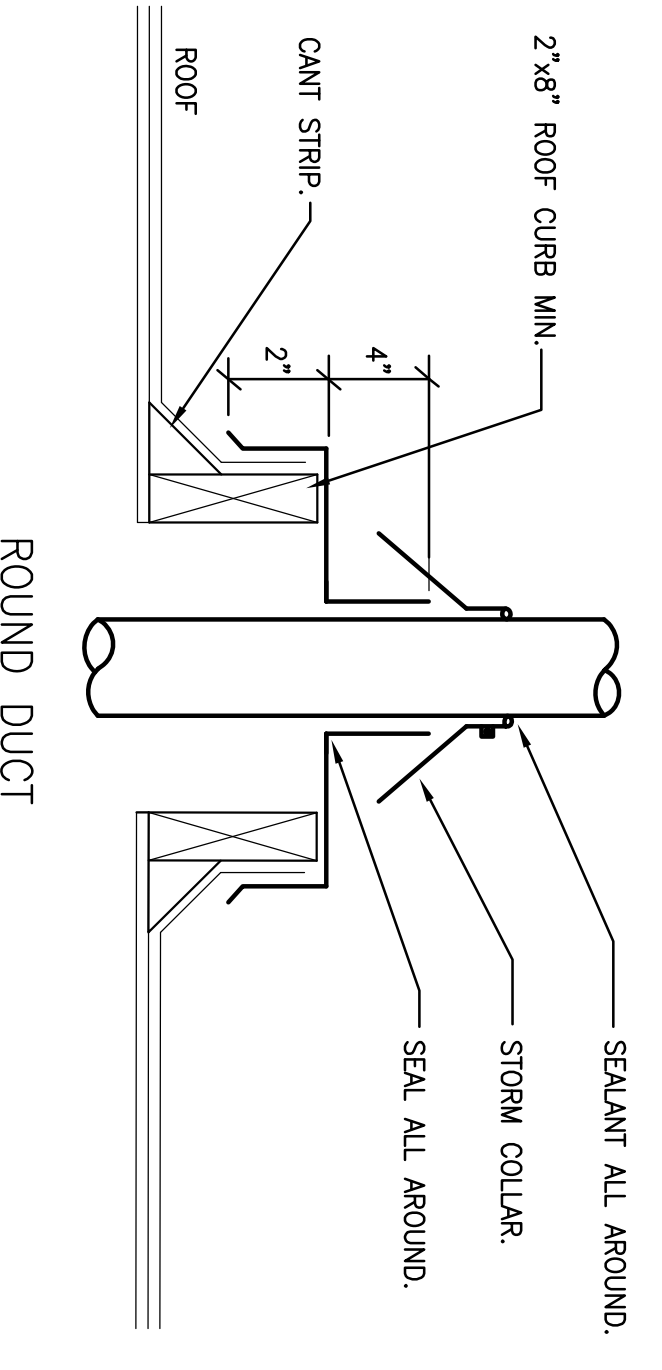
**5 AC UNIT ROOF CURB DETAIL**  
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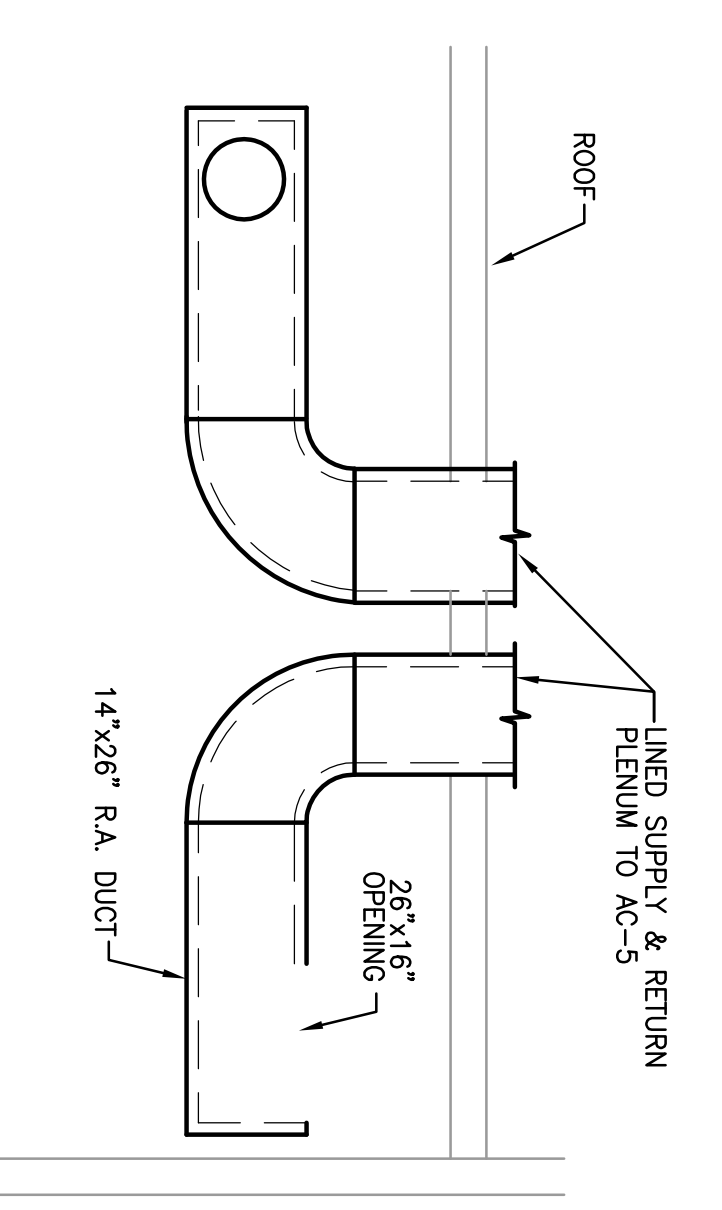
**8 AC UNIT CONTROL DIAGRAM**  
NOT TO SCALE



**RECTANGULAR DUCT**



**2 DUCT PENETRATIONS**  
NOT TO SCALE



**3 DUCT SECTION AT PLENUMS**  
NOT TO SCALE

1. Wall Assembly: The fire-rated gypsum wallboard/steel wall assembly shall be constructed of the materials and in the manner specified in the individual UBO or UBO Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following:  
A. Stud Wall Framing may consist of either wood stud or steel channel studs. Wood studs to consist of nom. 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min. 2-1/2 in. wide and spaced max. 24 in. OC.  
B. Metal stud spacing shall be 16 in. OC. Steel studs to be min. 2-1/2 in. wide and spaced max. 24 in. OC.  
C. Gypsum shall be 5/8 in. thick gypsum without, as specified in the individual Wall and Partition Design. Max. depth of opening is 18 in.

2. Through Penetration: One metallic pipe or tubing to be installed either concentrically or eccentrically within the firestop system. Pipe or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes or tubing may be used:  
A. Steel Pipe: Nom. 1/2 in. (or smaller) schedule 40 (heavy) steel pipe.  
B. Steel Pipe: Nom. 1/2 in. (or smaller) schedule 40 (light) steel pipe.  
C. Copper: Tube Nom. 1/2 in. diam. (or smaller) Type L (or heavier) copper tube.  
D. Copper: Pipe Nom. 1/2 in. diam. (or smaller) Schedule 40 (heavy) copper pipe.

3. Pipe Covering: Nom. 3 in. thick hollow cylindrical heavy density (min. 5.0) rigid pipe fiber units jacketed on the outside with an oil service jacket. Longitudinal joints spliced with metal fasteners or which type supplied with the product. The covering space shall be min. 1/2 in. to max. 3/4 in.

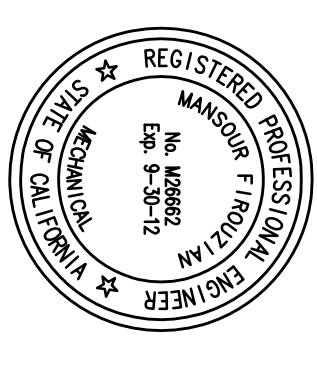
4. Firestop System: The firestop system shall consist of the following:  
A. Fill: Void or Core Material - Wmp Strip Nom. 1/4 in. thick by 1 in. wide independent wmp strip. The wmp strip is continuously wrapped around the outside of the pipe or tubing. The wmp strip shall be applied to the wall surface. When multiple wmp strips are used to achieve the required total length, the ends are to be lapped end-to-end and covered with a minimum 1/2 in. thick (No. 25 MSJ) galv steel cover plate extending a min. of 2 in. beyond the periphery of the opening. The steel cover plate is to be covered with a 1/8 in. thick (No. 25 MSJ) galv steel cover plate extending a min. of 2 in. beyond the periphery of the opening. Seams of steel cover plate tightly bolted together and secured to both surfaces of wall by means of 1/8 in. diam by 3 in. long bolts in conjunction with 3/16 in. by 3/4 in. and 1/4 in. by 1-1/4 in. steel anchor screws.

5. Firestop System: The firestop system shall consist of the following:  
A. Fill: Void or Core Material - Wmp Strip Nom. 1/4 in. thick by 1 in. wide independent wmp strip. The wmp strip is continuously wrapped around the outside of the pipe or tubing. The wmp strip shall be applied to the wall surface. When multiple wmp strips are used to achieve the required total length, the ends are to be lapped end-to-end and covered with a minimum 1/2 in. thick (No. 25 MSJ) galv steel cover plate extending a min. of 2 in. beyond the periphery of the opening. The steel cover plate is to be covered with a 1/8 in. thick (No. 25 MSJ) galv steel cover plate extending a min. of 2 in. beyond the periphery of the opening. Seams of steel cover plate tightly bolted together and secured to both surfaces of wall by means of 1/8 in. diam by 3 in. long bolts in conjunction with 3/16 in. by 3/4 in. and 1/4 in. by 1-1/4 in. steel anchor screws.

6. Firestop System: The firestop system shall consist of the following:  
A. Fill: Void or Core Material - Wmp Strip Nom. 1/4 in. thick by 1 in. wide independent wmp strip. The wmp strip is continuously wrapped around the outside of the pipe or tubing. The wmp strip shall be applied to the wall surface. When multiple wmp strips are used to achieve the required total length, the ends are to be lapped end-to-end and covered with a minimum 1/2 in. thick (No. 25 MSJ) galv steel cover plate extending a min. of 2 in. beyond the periphery of the opening. The steel cover plate is to be covered with a 1/8 in. thick (No. 25 MSJ) galv steel cover plate extending a min. of 2 in. beyond the periphery of the opening. Seams of steel cover plate tightly bolted together and secured to both surfaces of wall by means of 1/8 in. diam by 3 in. long bolts in conjunction with 3/16 in. by 3/4 in. and 1/4 in. by 1-1/4 in. steel anchor screws.

Stephen E. Harriman A.I.A.  
Architecture & Interior Design  
1801 Galveston Blvd, Suite 200  
Redwood Creek, California 94968  
Tel: 415-884-8132  
Fax: 415-884-8132

**Davita**  
FOR  
DAVITA, INC.  
405 Power Parkway  
Palo Alto, California



ENGINEERING NETWORK  
1875 BRIDGE AVENUE  
SANTA ANITA, CALIFORNIA 94067  
Tel: (415) 884-8132 Fax: (415) 884-8132

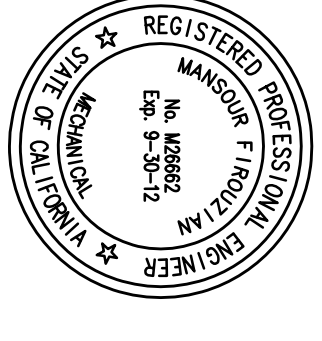
Submitted No.	Description	Date	By
1	PERMIT SUBMITTAL	12/14/11	

Architect's Stamp

Job Number: 111308  
CAD/PA: [Signature]  
Drawn By: TCO  
Checked By: EN

MECHANICAL DETAILS

Sheet Number: M4.0



**CERTIFICATE OF COMPLIANCE** (Part 5 of 5) **MECH-1C**

**Project Name:** David Davis, Delano  
**Date:** 12/14/2011  
**Author:** David Davis, Delano  
**City/State/Zip:** Delano, CA 94303  
**Address:** 18 Ave Highway Ct  
**City/State/Zip:** Delano, CA 94303  
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The design features represented on this Certificate of Compliance are consistent with the information provided to document engineering services for approval with this building permit application. This design is not intended to constitute a warranty of any kind, and the design is not intended to be used as a basis for any other action.

**Mandatory Measures:**

- MECH-1C Certificate of Compliance. Required on plans for all submittals.
- MECH-1C Mechanical Ventilation and Exhaust is required for all submittals with mechanical ventilation.
- MECH-1C Fan Power Consumption is required for all prescriptive submittals.

**MECH-1C**

Equipment S.1 by Equipment	User Number: 4288	RoomCode: 20111214T0853265	ID: 10
Page 6 of 18			

**FAN POWER CONSUMPTION** (Part 2 of 5) **MECH-1C**

**Project Name:** David Davis, Delano  
**Date:** 12/14/2011  
**Author:** David Davis, Delano  
**City/State/Zip:** Delano, CA 94303  
**Address:** 18 Ave Highway Ct  
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**City/State/Zip:** Delano, CA 94303  
**City/State/Zip:** Delano, CA 94303  
**City/State/Zip:** Delano, CA 94303  
**City/State/Zip:** Delano, CA 94303

**TOTALS AND ADJUSTMENTS**

1) TOTAL FAN SYSTEM POWER (WATTS, SUM COLUMNS)	3469
2) SUPPLY DESIGN AIRFLOW (CFM)	5000
3) TOTAL FAN SYSTEM POWER INDEX (Watt/1,000 CFM)	WCHM
4) SP	0.69
5) SP	0.69
6) Fan Adjustment = (1-SP) - (1-SP)	0.92
7) ADJUSTED FAN POWER INDEX (Watt/1,000 CFM)	0.64
8) WCHM	0.64

**MECH-1C**

Equipment S.1 by Equipment	User Number: 4288	RoomCode: 20111214T0853265	ID: 10
Page 11 of 18			

**FAN POWER CONSUMPTION** (Part 2 of 5) **MECH-1C**

**Project Name:** David Davis, Delano  
**Date:** 12/14/2011  
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**City/State/Zip:** Delano, CA 94303  
**City/State/Zip:** Delano, CA 94303  
**City/State/Zip:** Delano, CA 94303

**TOTALS AND ADJUSTMENTS**

1) TOTAL FAN SYSTEM POWER (WATTS, SUM COLUMNS)	749
2) SUPPLY DESIGN AIRFLOW (CFM)	1000
3) TOTAL FAN SYSTEM POWER INDEX (Watt/1,000 CFM)	WCHM
4) SP	0.75
5) SP	0.75
6) Fan Adjustment = (1-SP) - (1-SP)	0.92
7) ADJUSTED FAN POWER INDEX (Watt/1,000 CFM)	0.69
8) WCHM	0.69

**MECH-1C**

Equipment S.1 by Equipment	User Number: 4288	RoomCode: 20111214T0853265	ID: 10
Page 15 of 18			

**FAN POWER CONSUMPTION** (Part 2 of 5) **MECH-1C**

**Project Name:** David Davis, Delano  
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**City/State/Zip:** Delano, CA 94303  
**City/State/Zip:** Delano, CA 94303  
**City/State/Zip:** Delano, CA 94303

**TOTALS AND ADJUSTMENTS**

1) TOTAL FAN SYSTEM POWER (WATTS, SUM COLUMNS)	598
2) SUPPLY DESIGN AIRFLOW (CFM)	1000
3) TOTAL FAN SYSTEM POWER INDEX (Watt/1,000 CFM)	WCHM
4) SP	0.59
5) SP	0.59
6) Fan Adjustment = (1-SP) - (1-SP)	0.92
7) ADJUSTED FAN POWER INDEX (Watt/1,000 CFM)	0.55
8) WCHM	0.55

**MECH-1C**

Equipment S.1 by Equipment	User Number: 4288	RoomCode: 20111214T0853265	ID: 10
Page 16 of 18			

**CERTIFICATE OF COMPLIANCE and FIELD INSPECTOR ENERGY CHECKLIST** (Part 3 of 5) **MECH-1C**

**Project Name:** David Davis, Delano  
**Date:** 12/14/2011  
**Author:** David Davis, Delano  
**City/State/Zip:** Delano, CA 94303  
**Address:** 18 Ave Highway Ct  
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**City/State/Zip:** Delano, CA 94303  
**City/State/Zip:** Delano, CA 94303

**DESIGNER:**

The form to be used by the designer and attached to the plans. Listed below are all the acceptance tests for mechanical systems. The designer is required to check the applicable boxes by acceptance tests that apply and list all equipment that requires acceptance tests. All equipment requires a test, but the equipment description and part of the description of the equipment may be omitted if the equipment is a standard piece of equipment. This table is to be filled out and signed form before the building can receive final occupancy.

**Building Departments:**

The MECH-1C form is not considered a completed form and is not to be accepted by the building department unless the correct boxes are checked. The equipment requiring testing checked-off items are required for ALL newly installed equipment. In addition a Certificate of Acceptance Form shall be submitted to the building department that certifies that the equipment has been tested and meets the requirements of §191005 and §191006 and the 2011 Mechanical Code. The building department shall receive the properly filled out and signed form before the building can receive final occupancy.

Equipment Description	MECH-1C	MECH-1A	MECH-1B	MECH-1C	MECH-1D	MECH-1E	MECH-1F	MECH-1G	MECH-1H	MECH-1I
CEILING-EXHAUST	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CEILING-EXHAUST	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CEILING-EXHAUST	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CEILING-EXHAUST	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CEILING-EXHAUST	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**MECHANICAL VENTILATION AND HEAT RECOVERY** (Part 3 of 5) **MECH-3C**

**Project Name:** David Davis, Delano  
**Date:** 12/14/2011  
**Author:** David Davis, Delano  
**City/State/Zip:** Delano, CA 94303  
**Address:** 18 Ave Highway Ct  
**City/State/Zip:** Delano, CA 94303  
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**City/State/Zip:** Delano, CA 94303  
**City/State/Zip:** Delano, CA 94303

**MECHANICAL VENTILATION (§121020)**

Zone/System	A	B	C	D	E	F	G	H	I	J	K	L	M	N
E-Treatment	2.147	0.26	836	836	836	836	836	836	836	836	836	836	836	836
M-Treatment	1.145	0.14	175	175	175	175	175	175	175	175	175	175	175	175
M-Treatment	850	0.15	126	126	126	126	126	126	126	126	126	126	126	126

**MECHANICAL VENTILATION AND HEAT RECOVERY (§121020)**

Zone/System	A	B	C	D	E	F	G	H	I	J	K	L	M	N
E-Treatment	2.147	0.26	836	836	836	836	836	836	836	836	836	836	836	836
M-Treatment	1.145	0.14	175	175	175	175	175	175	175	175	175	175	175	175
M-Treatment	850	0.15	126	126	126	126	126	126	126	126	126	126	126	126

**MECHANICAL MANDATORY MEASURES: NON-RESIDENTIAL** (Part 3 of 5) **MECH-MM**

**Project Name:** David Davis, Delano  
**Date:** 12/14/2011  
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**MECHANICAL MANDATORY MEASURES: NON-RESIDENTIAL**

§111: Any equipment for which there is a California standard established in the Appliance Efficiency Regulations will comply with the requirements of Section 111.2 (a).

§115(a): Fan type control functions shall not have a pilot light.

§124: Air handling duct systems shall be installed and insulated in compliance with Sections 601, 602, 603, 604, and 605 of the CMC Standard.

**Control:**

Each space conditioning system shall be installed with one of the following:

- 1) Manual operation.
- 2) Automatic operation with manual override.
- 3) Automatic operation with manual override and manual reset.
- 4) Automatic operation with manual override and manual reset and manual override.

**MECHANICAL MANDATORY MEASURES: NON-RESIDENTIAL**

§111: Any equipment for which there is a California standard established in the Appliance Efficiency Regulations will comply with the requirements of Section 111.2 (a).

§115(a): Fan type control functions shall not have a pilot light.

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**Control:**

Each space conditioning system shall be installed with one of the following:

- 1) Manual operation.
- 2) Automatic operation with manual override.
- 3) Automatic operation with manual override and manual reset.
- 4) Automatic operation with manual override and manual reset and manual override.

**TITLE 24 CALCULATIONS**

Job Number	111308	Sheet Number	M5.0
CDD Path		Drawn By	TCO
Checked By	EN		

SECTION 15000 HEATING, VENTILATION AND AIR CONDITIONING

- 1.01 GENERAL REQUIREMENTS
1.02 SCHEDULE OF WORK
1.03 RELATED WORK

2.01 MATERIALS FOR DUCTWORK

- A. Sheet metal shall be specified in the following schedule. Materials shall be clearly stamped or marked with grades and gauges.
1. Ductwork, construction shall be in strict accordance with the recommendations and requirements of the HVAC Metal Duct Standards...

2.02 AIR DUCTWORK

- A. Diffusers, Grilles and Registers. This, hanger or equal. Each register and diffuser shall be equipped with a volume damper or air extensor.
B. Grilles. Grilles shall be installed in accordance with the following:
1. Grilles shall be installed in accordance with the following:
2. Grilles shall be installed in accordance with the following:
3. Grilles shall be installed in accordance with the following:

2.04 VIBRATION ISOLATION

- A. Package up Air Conditioning Units: Carrier, or approved equal.
1. Package up Air Conditioning Units: Carrier, or approved equal.
2. Package up Air Conditioning Units: Carrier, or approved equal.
3. Package up Air Conditioning Units: Carrier, or approved equal.

2.06 TEMPERATURE CONTROL SYSTEM

- A. Provide floor, equipment, and materials for a complete installation and proper operating function as indicated.
B. Provide time switches, and other items to be installed by the Piping and Steel Metal Fabricator in accordance with the following:
C. Provide time switches, and other items to be installed by the Piping and Steel Metal Fabricator in accordance with the following:
D. Provide time switches, and other items to be installed by the Piping and Steel Metal Fabricator in accordance with the following:

3.01 DUCTWORK INSTALLATION REQUIREMENTS

- A. Ductwork shall be installed with volume dampers, A/C accessible volume controls shall be installed in accordance with the following:
1. Ductwork shall be installed with volume dampers, A/C accessible volume controls shall be installed in accordance with the following:
2. Ductwork shall be installed with volume dampers, A/C accessible volume controls shall be installed in accordance with the following:
3. Ductwork shall be installed with volume dampers, A/C accessible volume controls shall be installed in accordance with the following:

3.02 VIBRATION ISOLATION AND ACOUSTICAL CONTROL REQUIREMENTS

- A. All mechanical equipment (pumps, units, fans, ductwork, piping, etc.) shall be isolated from the structure in accordance with the following:
1. All mechanical equipment (pumps, units, fans, ductwork, piping, etc.) shall be isolated from the structure in accordance with the following:
2. All mechanical equipment (pumps, units, fans, ductwork, piping, etc.) shall be isolated from the structure in accordance with the following:
3. All mechanical equipment (pumps, units, fans, ductwork, piping, etc.) shall be isolated from the structure in accordance with the following:

3.03 BALKANING

- A. All of balking shall be done by an independent Air Balance Contractor.
B. Balking shall be performed in the following order:
1. Balking shall be performed in the following order:
2. Balking shall be performed in the following order:
3. Balking shall be performed in the following order:

SECTION 15050 BASIC MECHANICAL MATERIALS AND METHODS

- 1.01 GENERAL REQUIREMENTS
1.02 DESCRIPTION
1.03 RELATED WORK

1.04 QUALITY ASSURANCE

- A. Work and materials shall be in full accordance with the latest rules of the Administrative Fire Codes, National Fire Protection Association, California Building, Mechanical and Building Codes, and other applicable County ordinances, codes, laws and/or regulations.
B. Work and materials shall be in full accordance with the latest rules of the Administrative Fire Codes, National Fire Protection Association, California Building, Mechanical and Building Codes, and other applicable County ordinances, codes, laws and/or regulations.

1.06 SUBMITTALS

- A. Submit a complete list of materials and equipment. Submittals shall be approved before installation.
B. Submit shop drawings to show installation of equipment piping & ductwork in greater detail than shown on drawings.
C. Submit shop drawings to show installation of equipment piping & ductwork in greater detail than shown on drawings.

3.03 SEISMIC RESTRAINTS

- A. Ductwork:
1. Work, materials and methods used shall conform to the Drawings, and to the Guidelines for Seismic Restraints for Mechanical Equipment.
2. Work, materials and methods used shall conform to the Drawings, and to the Guidelines for Seismic Restraints for Mechanical Equipment.

3.04 EVALUATION

- A. The contractor shall be responsible for the installation and maintenance of the equipment.
B. The contractor shall be responsible for the installation and maintenance of the equipment.
C. The contractor shall be responsible for the installation and maintenance of the equipment.

3.06 CLEANING

- A. Cleanliness of equipment and materials shall be maintained throughout the project.
B. Cleanliness of equipment and materials shall be maintained throughout the project.
C. Cleanliness of equipment and materials shall be maintained throughout the project.

3.07 EQUIPMENT IDENTIFICATION AND OPENING INSTRUCTIONS

- A. Furnish the Owner with a hard bound notebook titled "Mechanical Signage" which shall contain the following information:
1. Furnish the Owner with a hard bound notebook titled "Mechanical Signage" which shall contain the following information:
2. Furnish the Owner with a hard bound notebook titled "Mechanical Signage" which shall contain the following information:
3. Furnish the Owner with a hard bound notebook titled "Mechanical Signage" which shall contain the following information:

3.01 INSPECTION

- A. Contractor is responsible for complete, properly installed system, installation and material shall comply with all rules, codes and regulations.
B. Contractor is responsible for complete, properly installed system, installation and material shall comply with all rules, codes and regulations.

3.02 INSTALLATION

- A. Drawings are assembly diagrams. Grilles, bends, unions, special fittings and exact locations are not indicated.
B. Electrical work: Motors, electrical apparatus and wiring specified in this section shall conform to the National Electrical Manufacturer's standards and the National Electrical Code.
C. Cutting and Penetration: Penetration of walls and ceilings of equipment shall be in accordance with the following:
1. Cutting and Penetration: Penetration of walls and ceilings of equipment shall be in accordance with the following:
2. Cutting and Penetration: Penetration of walls and ceilings of equipment shall be in accordance with the following:
3. Cutting and Penetration: Penetration of walls and ceilings of equipment shall be in accordance with the following:

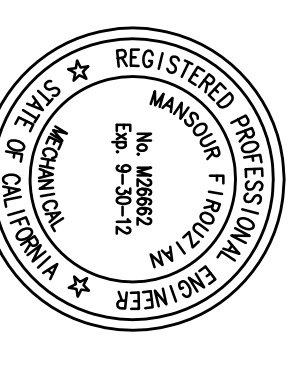
MECHANICAL SPECIFICATIONS

Table with 3 columns: Job Number (111308), CAD Path (D:\m\111308), Drawn By (TCD), Checked By (EN), Sheet Number (M5.1)

DAVIS STEWART ARCHITECTS

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DAVITA INC. 4015 Dover Parkway, Danvers, California. ENGINEERING NETWORK. 1400 HAZLEWOOD CIRCLE, DANVERS, CA 94449. Tel: (866) 379-6191, FAX: (926) 376-8242.



PLUMBING LEGEND table with columns: SYMBOL, ABBREV., DESCRIPTION

PLUMBING FIXTURE SCHEDULE

Main plumbing fixture schedule table with columns: ITEM, DESCRIPTION, SPECIFICATION, CW, HW, W, V, REMARKS / NOTE NUMBER

NOTES: 1. FINISH AND INSTALL BRASS/FURNITURE... 2. STAINLESS STEEL SINKS SHALL HAVE SATIN FINISH...

WATER PIPE CALCULATIONS

- PIPE LOSSES ARE BASED ON SMOOTH PIPE & FITTINGS... MAXIMUM DOMESTIC COLD WATER DEMAND IS: 76 F.U.

WATER PIPE SIZING CHART

Water pipe sizing chart table with columns: PIPE SIZE, MAX GPM, MAX F.U., HW @ 5' SEC. MAX., MAX F.U.

PLUMBING DRAWING INDEX

Index table with columns: MARK, SHEET TITLE

BUILDING GAS LOAD

\* AG UNITS: 576,000 BTU \* WATER HEATER: 388,000 BTU TOTAL: 974,000 BTU = 974 CFH

PLUMBING PIPE MATERIAL SCHEDULE

Plumbing pipe material schedule table with columns: SYSTEM, SERVICE, PIPE MATERIAL, REMARKS

DIALYSIS PIPING SPECIFICATIONS

Dialysis piping specifications table with columns: REFERENCE, SPECIFICATION

PLUMBING EQUIPMENT SCHEDULE

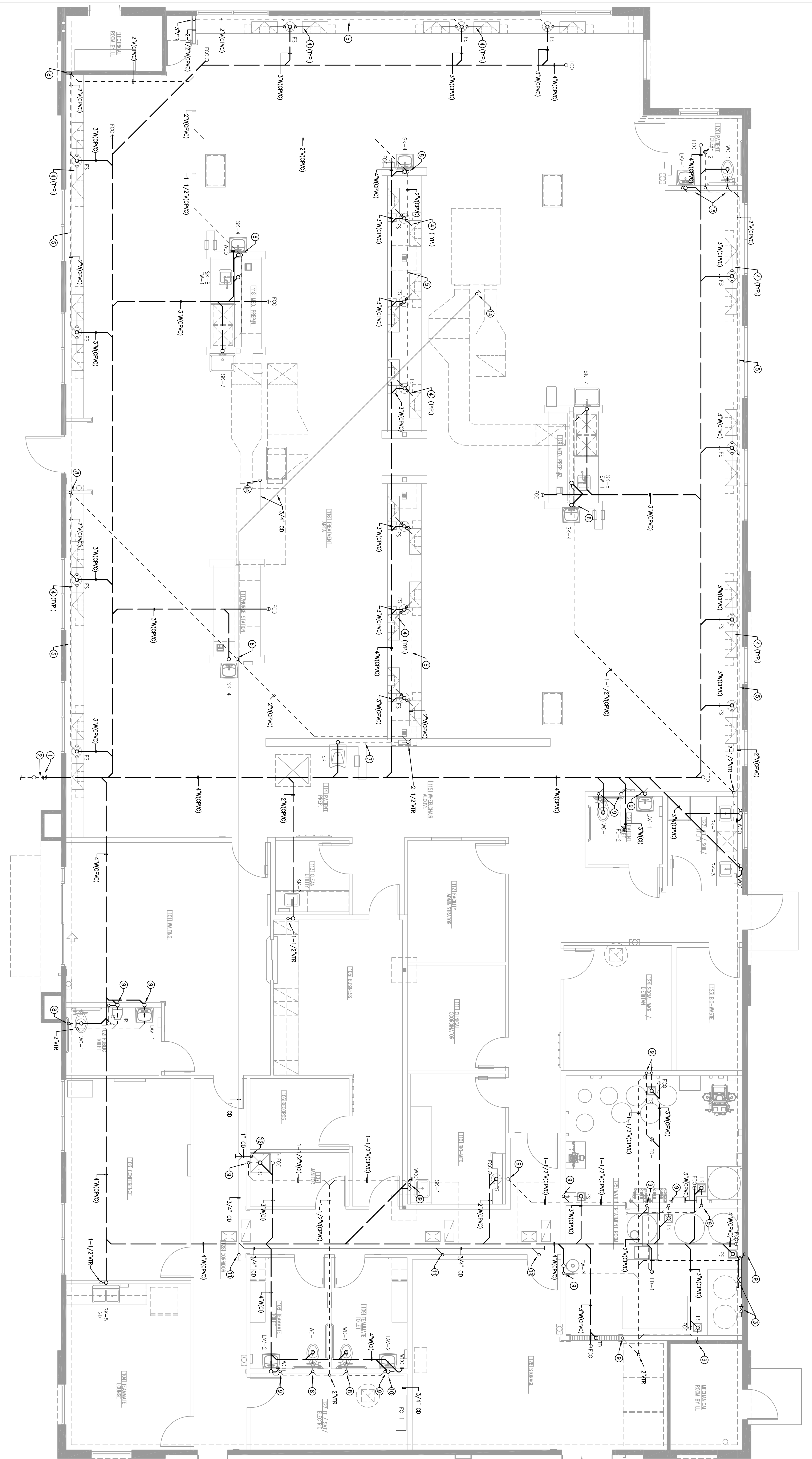
Plumbing equipment schedule table with columns: ITEM, DESCRIPTION, MANUFACTURER & MODEL

OSHPD 3 NOTES

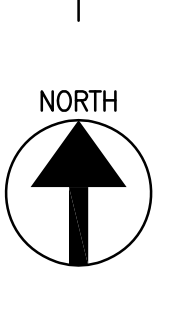
- 1. DRAINAGE PIPING OVER OPERATING AND DELIVERY ROOM, NURSING STATION, PREPARATION, SERVING, AND STORAGE AREAS SHALL BE INSTALLED TO PREVENT LEAKAGE...

GENERAL NOTES

- 1. ALL THE SINK DRAINS, EXCEPT FOR THE LABORATORIES, SHALL BE PLUMBING WITH PLASTIC NUT.



**1** NEW PLUMBING FLOOR PLAN - WASTE AND VENT  
SCALE 1/4" = 1'-0"



- SHEET NOTES:**
- 1 CONNECT TO THE EXISTING SEWER PIPE.
  - 2 VERIFY THE EXACT LOCATION OF THE WASTE PIPE IN THE FIELD.
  - 3 1" TEMPERING & BELIEF PIPES FROM THE WATER HEADERS TO THE FLOOR DRAIN WITH 1" AIR GAP.
  - 4 1-1/2" INJECT DOWN FROM THE SUPPLY BOIL. RUN IN CHASE NEAREST TO THE WALL WITH 1" AIR GAP. SEE DETAIL 34/751A.
  - 5 RUN 2" VENT FOR THE FS-1 IN THE CHASE WITH A MIN. SLOPE OF 1/8" PER FOOT BEFORE FINISHING UP TO THE CEILING SPACE OR ROOF.
  - 6 1-1/2" VENT PIPE UP TO THE CEILING SPACE INSIDE THE COLUMN.
  - 7 EXTEND 1-1/2" VENT PIPE FOR THE SINK UP TO JOIST. THE RUN EXTERIOR AND CONTINUE WITH A MIN. SLOPE OF 1/8" PER FOOT INSIDE THE CHASE.
  - 8 2" VENT PIPE UP TO THE CEILING SPACE.
  - 9 1-1/2" VENT PIPE UP TO THE CEILING SPACE.
  - 10 EXTEND THE 3/4" CONDENSATE DRAIN PIPE DOWN THE WALL AND CONNECT TO THE TAIL PIECE OF THE SINK'S WASTE PIPE.
  - 11 3/4" CONDENSATE DRAIN PIPE DOWN FROM AC UNIT ON ROOF.
  - 12 TERMINATE 1" CONDENSATE DRAIN DOWN INTO JANITORS' SINK.
  - 13 STOP A 4" WASTE PIPE UP THROUGH THE SLAB WITH A COVER PLATE FOR FUTURE CONNECTION.
  - 14 STOP A 3/4" CONDENSATE DRAIN PIPE THROUGH THE ROOF AND CAP FOR FUTURE AC UNIT.
  - 15 EXTEND THE VENT PRESS UP TO THE HEIGHT OF THE CHASE. RUN THE VENT PIPES AND THE DRAIN DOWN.

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FOR  
DAVITA, INC.  
405 Power Parkway  
Palo Alto, California



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REGISTERED PROFESSIONAL ENGINEER  
10000 RICHMOND ST., SUITE 200  
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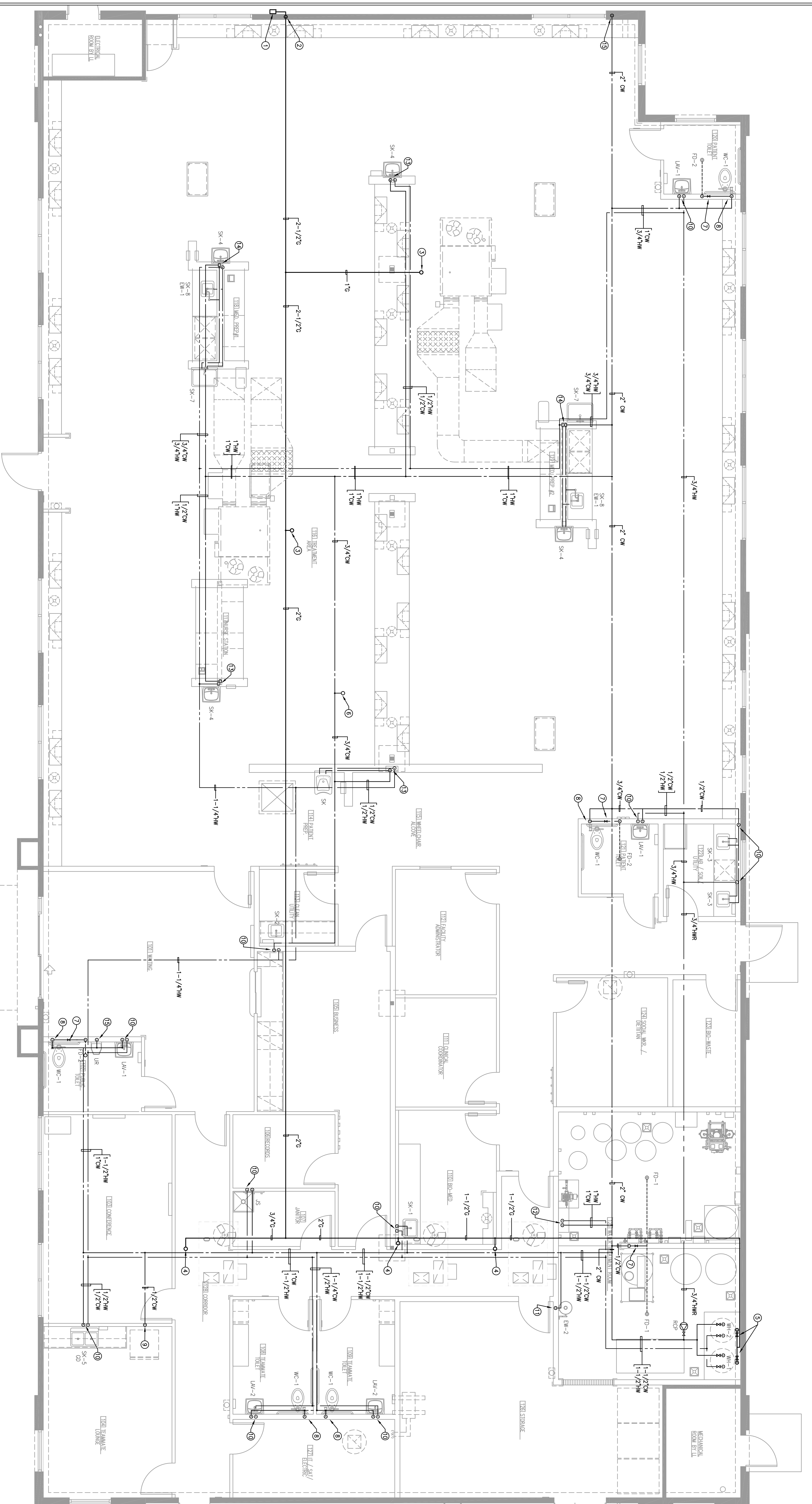
Submitted History No.	Description	Date	By
1	PERMIT SUBMITTAL	12/14/11	

**Drawing Title**  
**NEW PLUMBING FLOOR PLAN - WASTE AND VENT**

Job Number: 111308  
CAD: P21  
Drawn By: TCO  
Checked By: EN

Sheet Number:  
**P.21**





**1 NEW PLUMBING FLOOR PLAN - HOT and COLD WATER AND GAS**  
SCALE: 1/4" = 1'-0"

**SHEET NOTES:**

- ① NEW GAS METERS SET BY FLOOR. INSTALL A SESMIC GAS SHUT-OFF VALVE.
- ② EXTEND 2-1/2" GAS PIPE UP TO THE CEILING SPACE.
- ③ EXTEND 1" GAS PIPE UP THROUGH THE ROOF AND CONNECT TO THE ROOFTOP UNIT WITH A GAS VALVE AND FLEXIBLE CONNECTION.
- ④ EXTEND 3/4" GAS PIPE UP THROUGH THE ROOF AND CONNECT TO THE ROOFTOP UNIT WITH A GAS VALVE AND FLEXIBLE CONNECTION.
- ⑤ 1-1/2" GAS PIPE DOWN TO THE WATER HEATER. CONNECT TO THE WATER HEATER WITH A GAS VALVE AND FLEXIBLE CONNECTION.
- ⑥ 3/4" CW UP TO ROSE BEB ON ROOF. SEE SHEET P1.0 FOR CONTINUATION.
- ⑦ INSTALL A TRIP FINGER VALVE AND ACCESS PANEL AND EXTEND 1/2" CW PIPE TO THE RJ. INSTALL THE VALVE AND ACCESS PANEL AT 12' AFF.
- ⑧ 1" CW PIPE DOWN THE WALL TO THE EXTERIOR.
- ⑨ 1/2" CW PIPE DOWN THE WALL AND CONNECT TO THE ICE MAKER BOX. INSTALL THE BOX AT +/-12' AFF.
- ⑩ 1/2" CW & 1/2" HW PRESS DOWN THE WALL TO THE EXTERIOR.
- ⑪ 1/2" CW PIPE DOWN THE WALL TO THE EXTERIOR.
- ⑫ 1" CW AND 1" HW PRESS DOWN TO THE MANGO VALVE. SEE DETAIL 1/14.0 FOR COMPLETE INSTALLATION.
- ⑬ EXTEND 1/2" CW & 1/2" HW PRESS DOWN THE COLUMN AND RIN THE PIPES INSIDE THE LOW WALL AND CONNECT TO THE SINK.
- ⑭ EXTEND 3/4" CW & 3/4" HW PRESS DOWN THE COLUMN AND RIN THE PIPES INSIDE THE LOW WALL AND CONNECT TO THE SINK.
- ⑮ 3/4" CW PIPE DOWN THE WALL TO THE EXTERIOR.

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No. Description	12/14/11	
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**NEW PLUMBING FLOOR PLAN - HOT and COLD WATER and GAS**

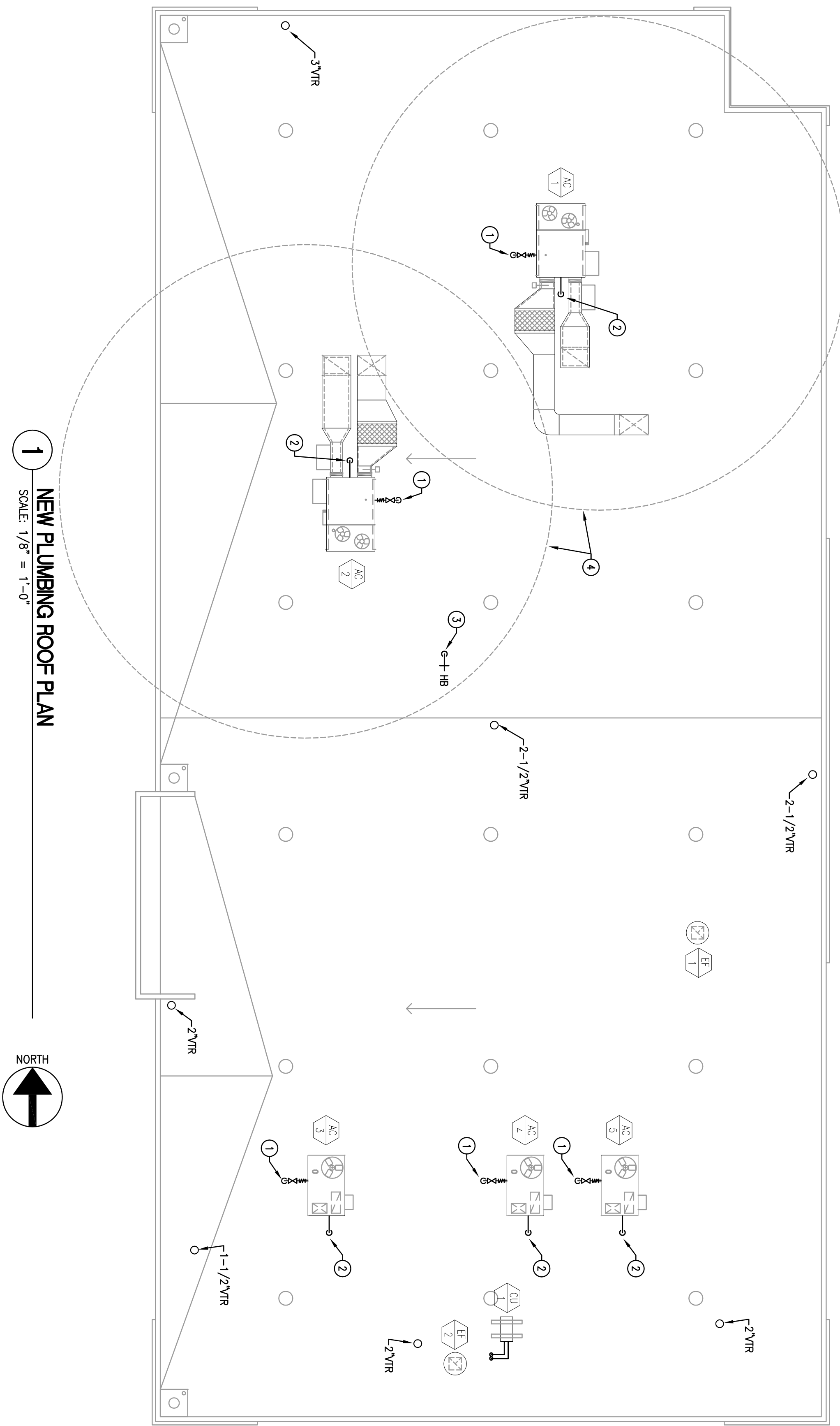
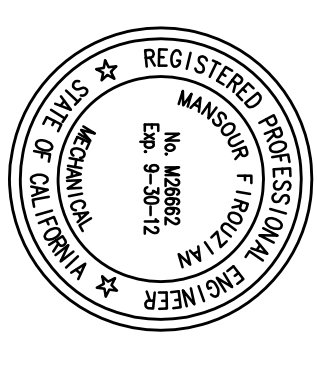
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CADD Path: [ ]  
Drawn By: TCO  
Checked By: EN

Sheet Number: **P2.2**

Drawing Title: BUILDING PERMIT SUBMITTAL

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- SHEET NOTES:**
- 1 GAS PIPE UP FROM BELOW, INSTALL A SHUT OFF VALVE AND FLEXIBLE PIPE AND CONNECT TO THE AC UNIT.
  - 2 CONDENSATE DOWN THRU ROOF- SEE SHEET P2.1 FOR CONTINUATION.
  - 3 3/4" CW UP FROM CEILING SPACE TO A HB
  - 4 MAINTAIN 25'-0" CLEARANCE FROM ANY VENT TO THE FRESH AIR MAKE UP AC UNIT 1 AND 2.

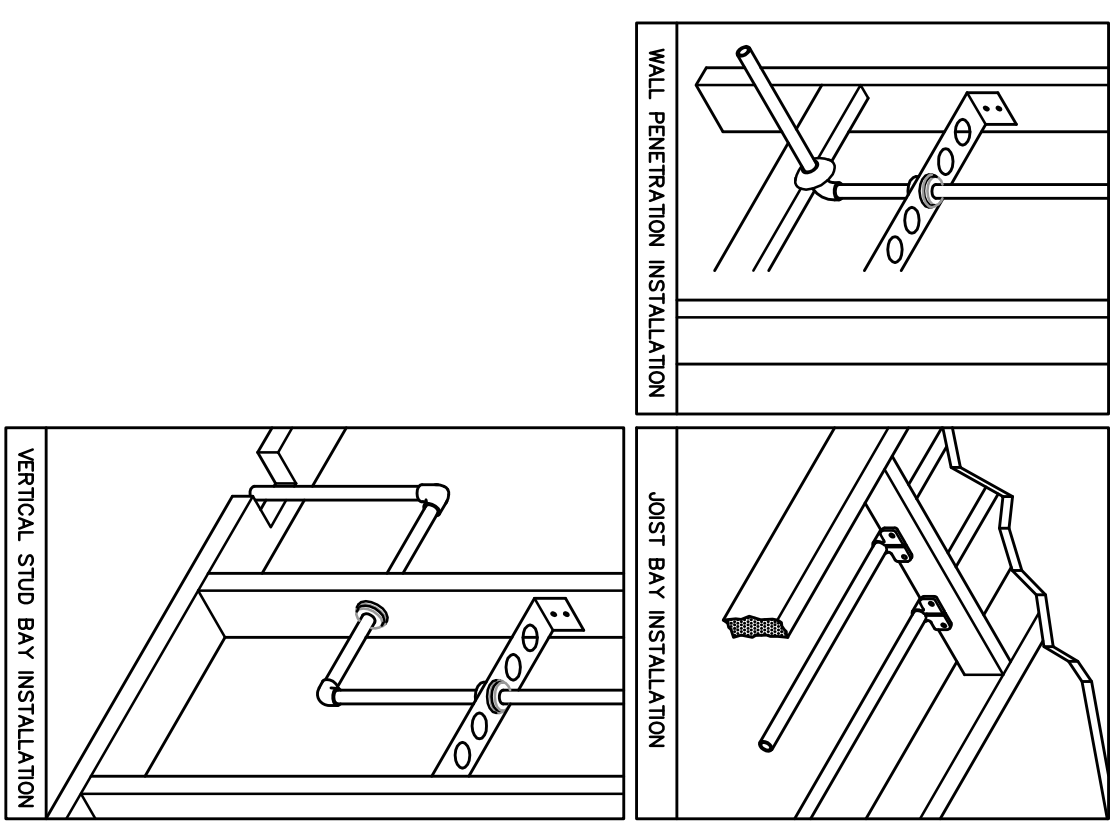
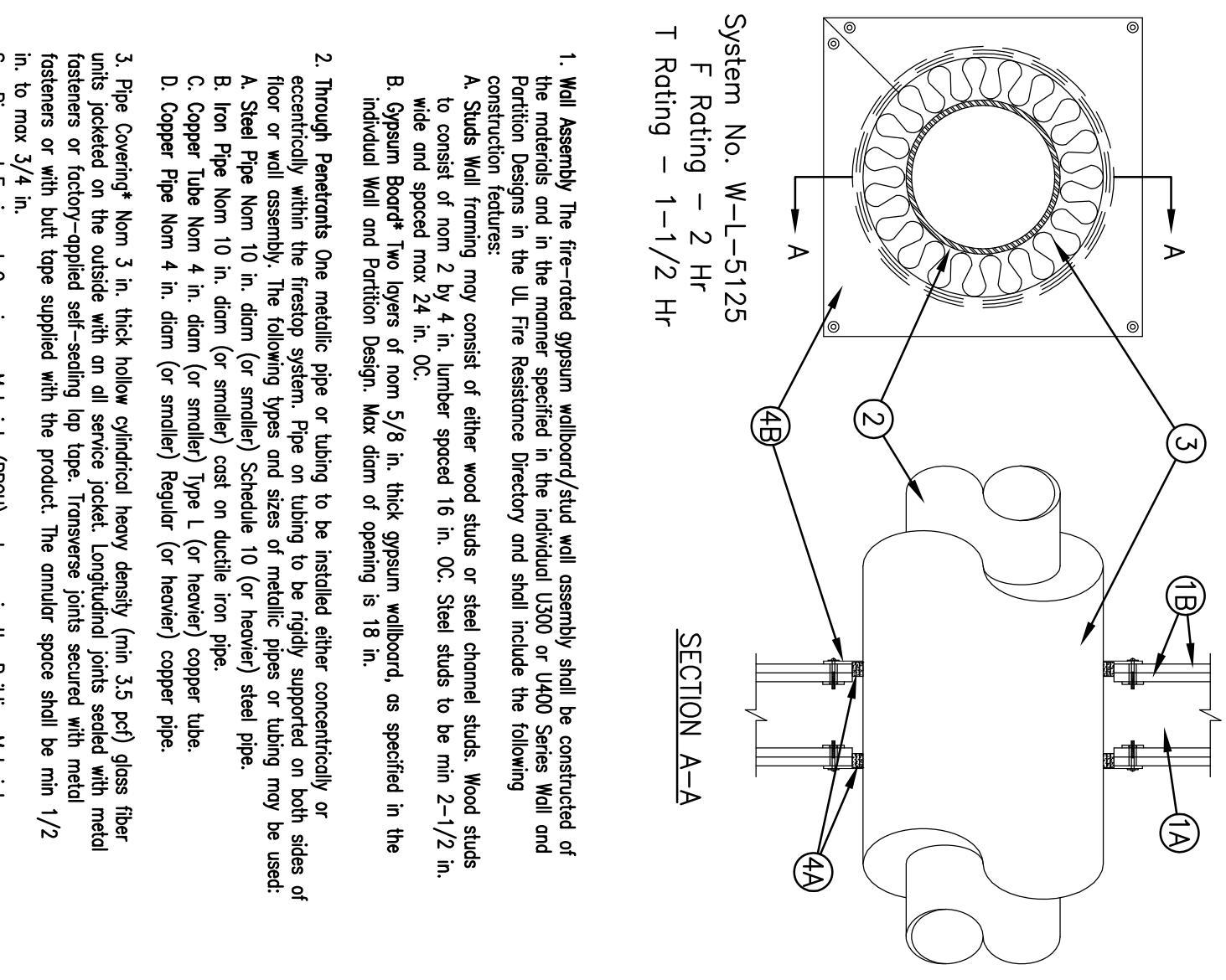
Submittal History		
No.	Description	Date By
1	PERMIT SUBMITTAL	12/14/11

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**PLUMBING ROOF PLAN**

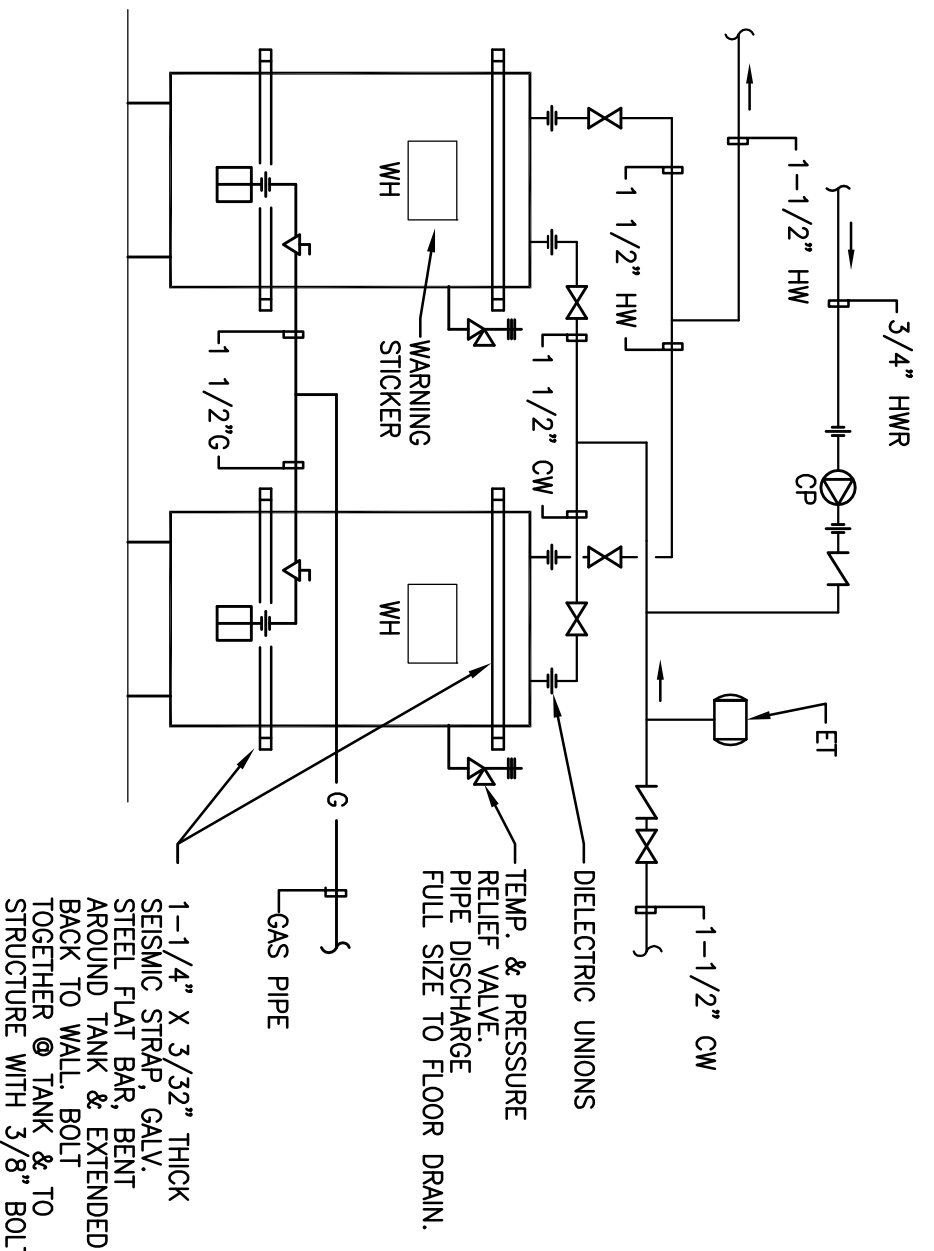
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CADD Path			
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**P3.0**



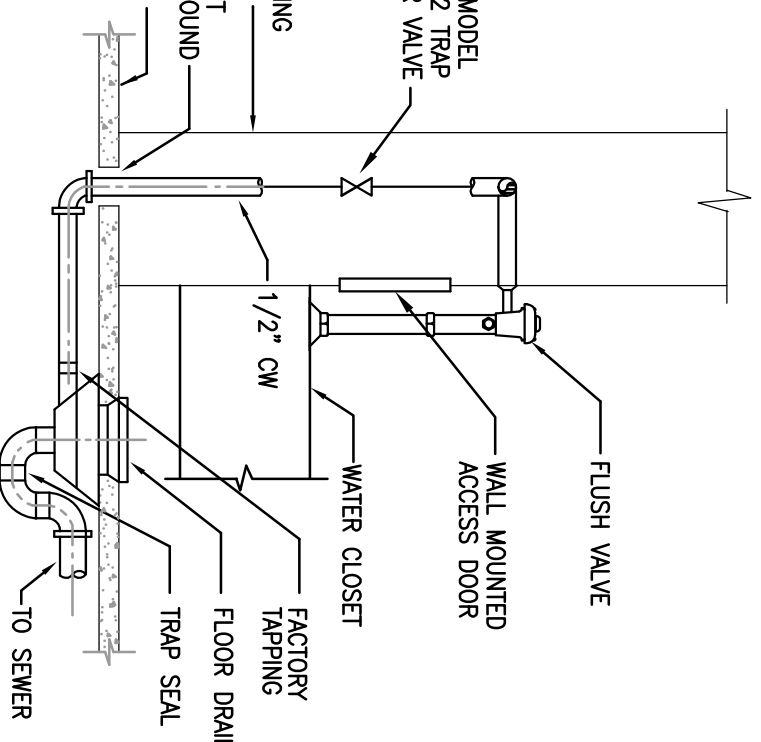
NOTE: LOCATE PIPING 1 1/2" MIN. CLEARANCE OF GYPSUM BOARD.

14 PIPE THRU WALL FIRE STOP DETAIL  
NOT TO SCALE

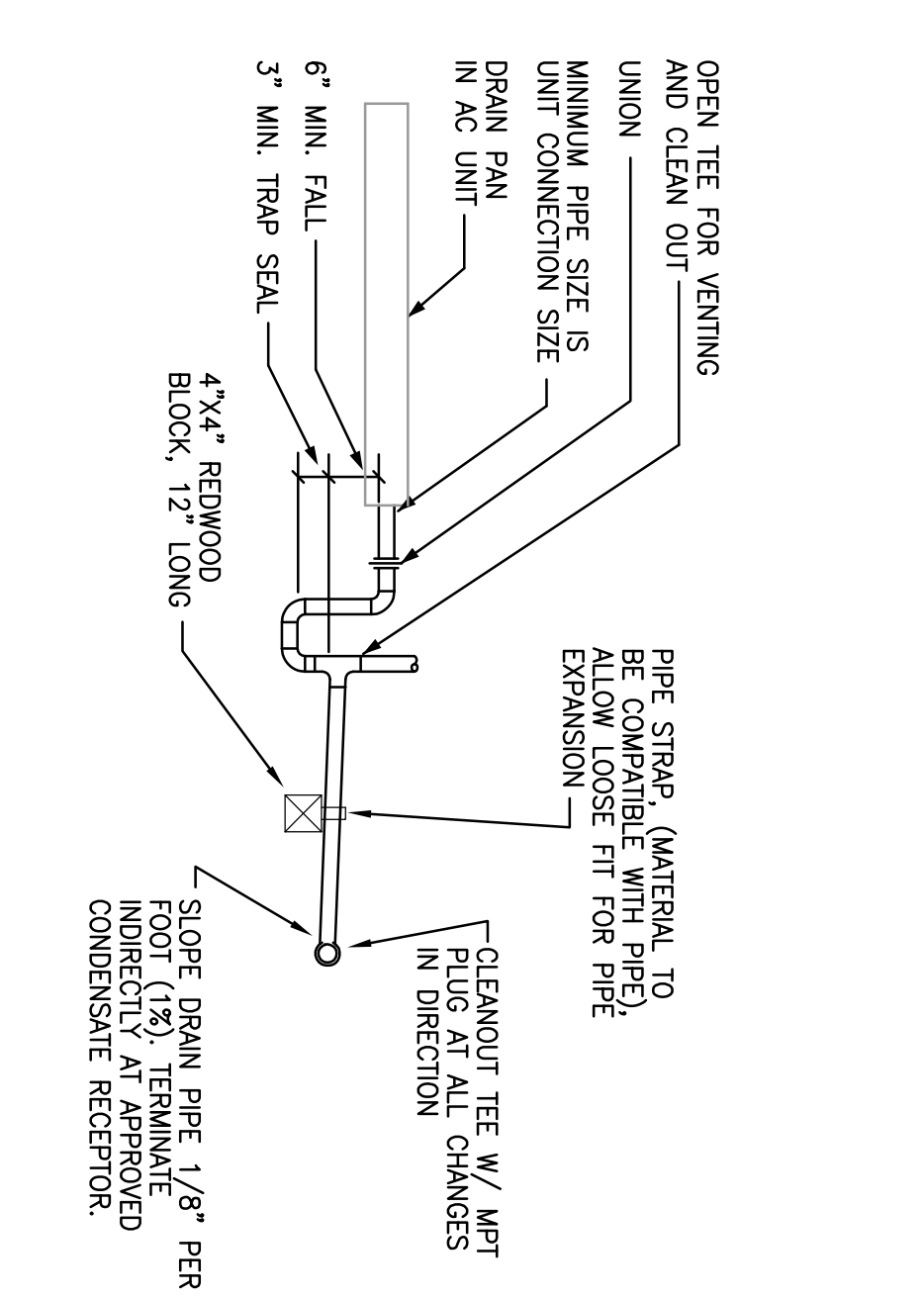


NOTE: PLUMBING CONTRACTOR SHALL PROVIDE A PASTE ON WARNING STRIKER TO BOTH WATER HEATERS STANDING THAT WATER HEATER WORKMAN TEMPERATURE SETTING SHALL BE 120°F.

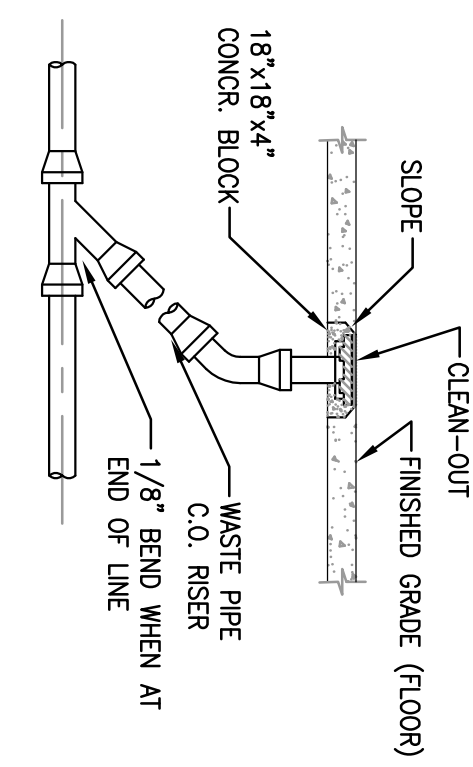
16 TRAP PRIMER DETAIL  
NOT TO SCALE



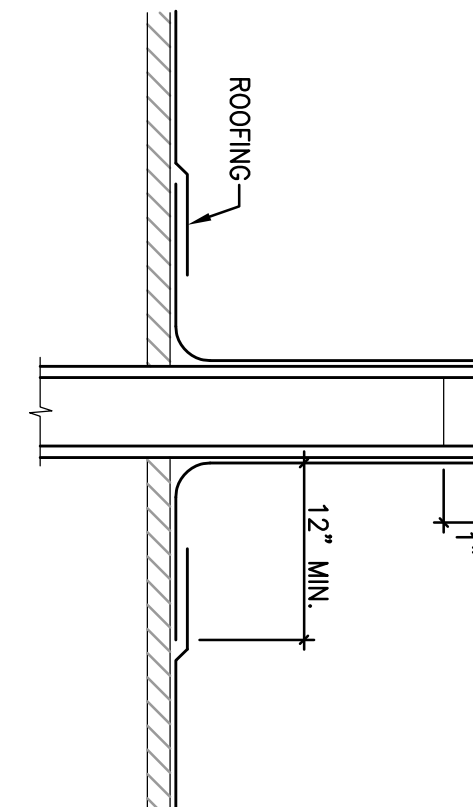
11 PIPE THRU WALL FIRE STOP DETAIL  
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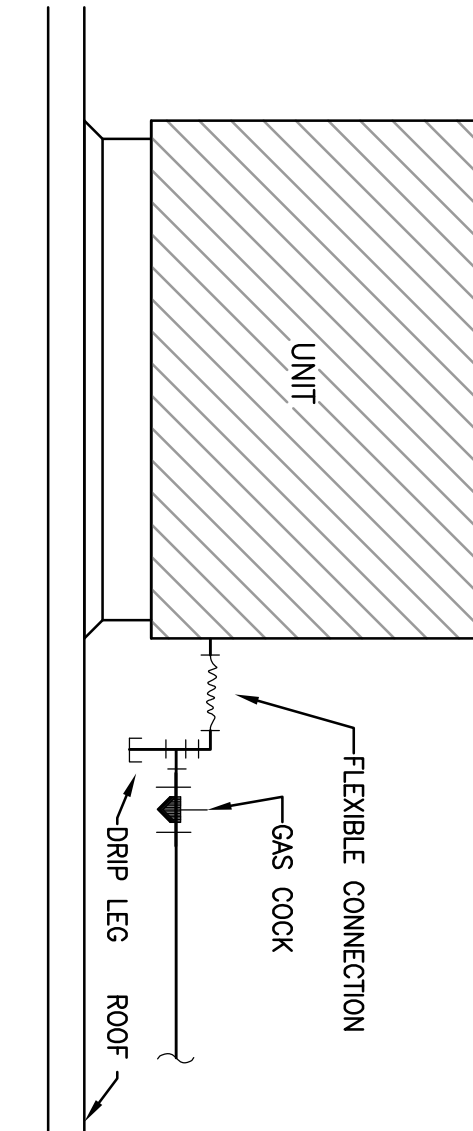
12 CONDENSATE DRAIN DETAIL  
NOT TO SCALE



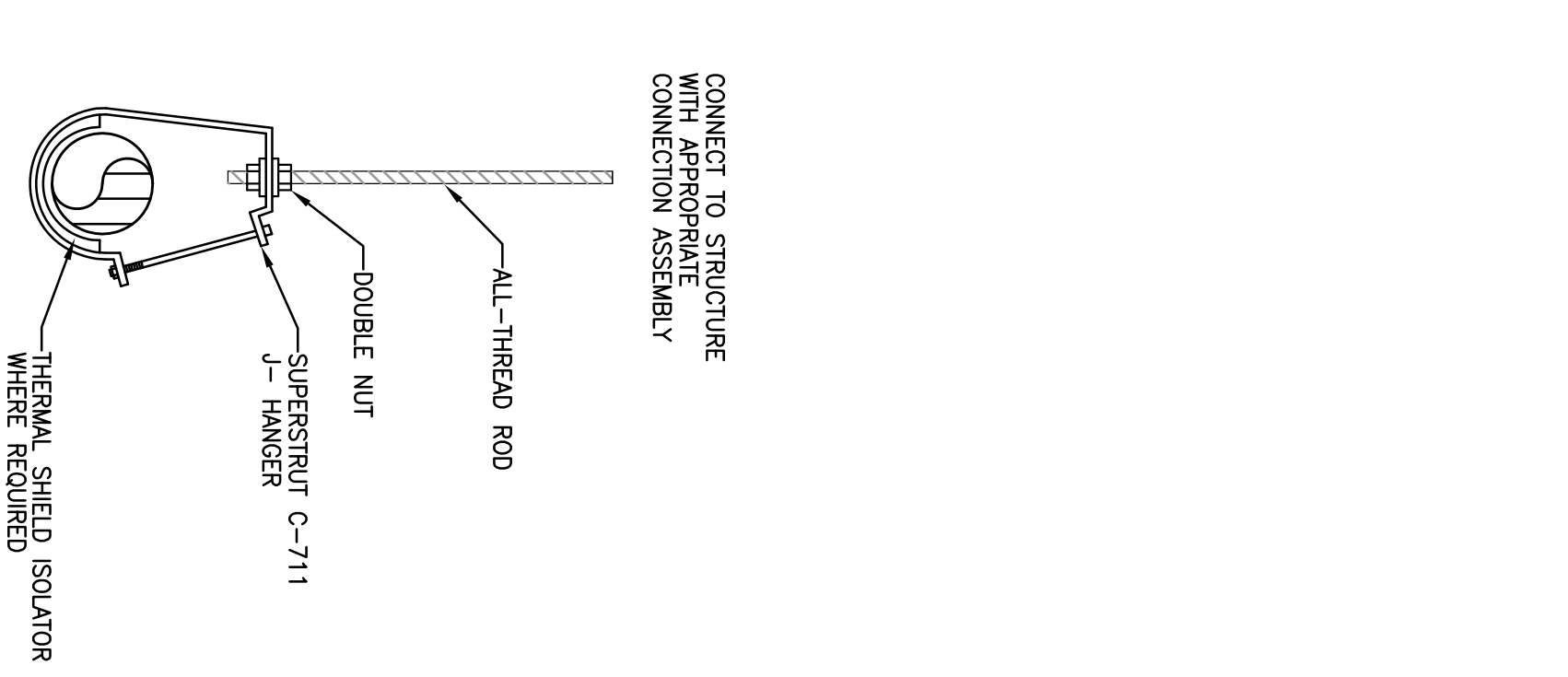
13 CLEAN-OUT TO GRADE DETAIL  
NOT TO SCALE



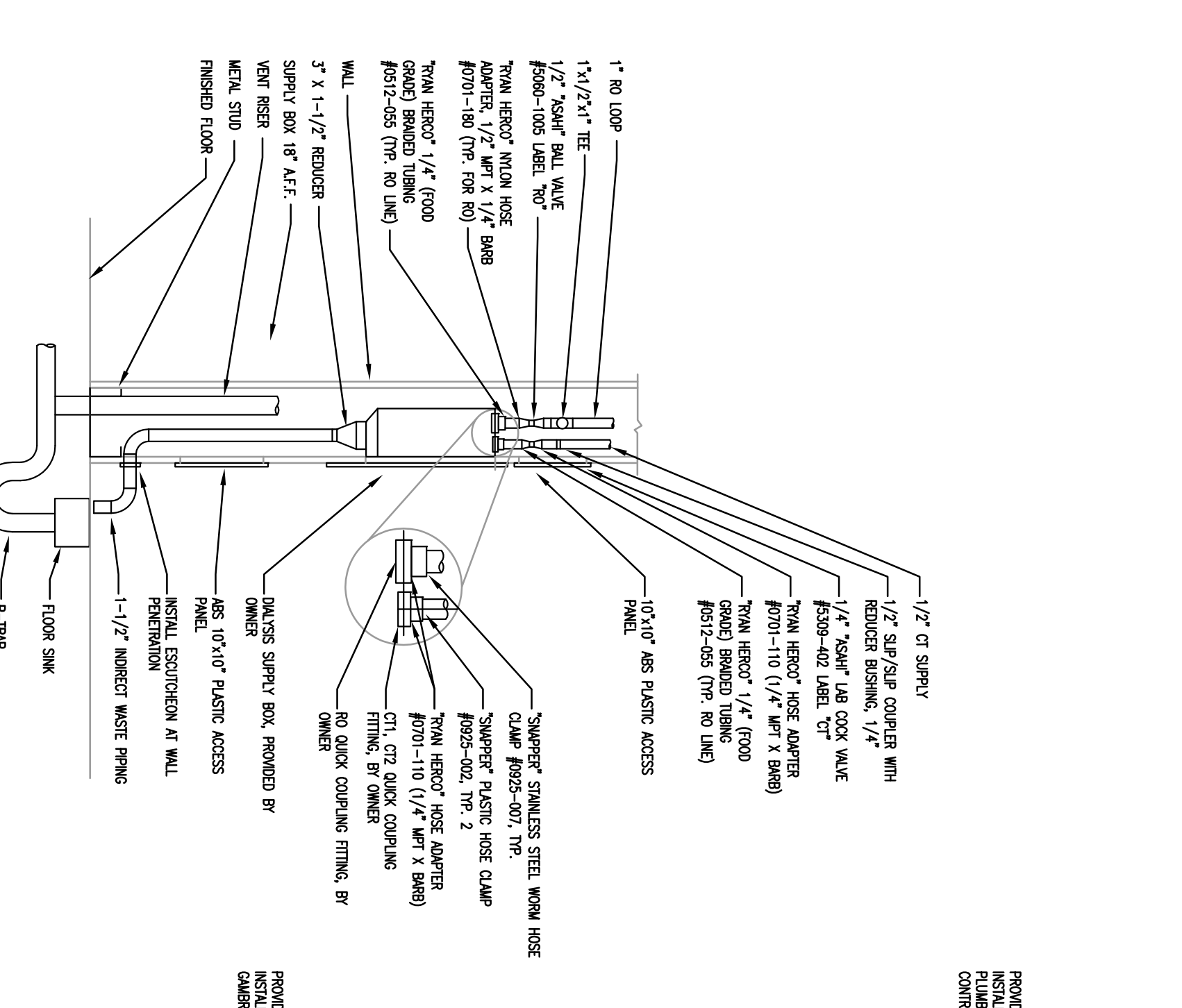
10 VENT THRU ROOF DETAIL  
NOT TO SCALE



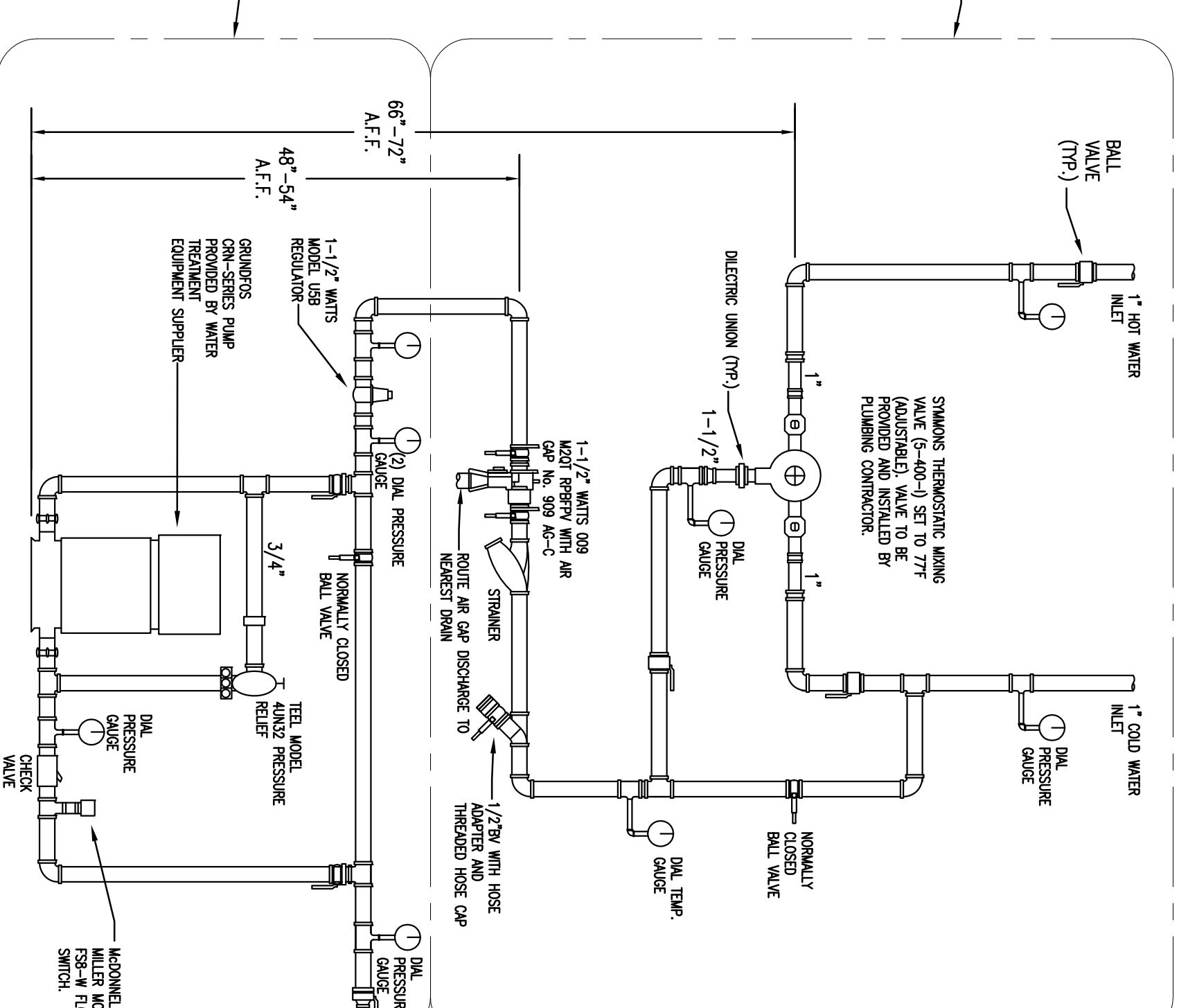
6 UNIT GAS CONNECTION  
NOT TO SCALE



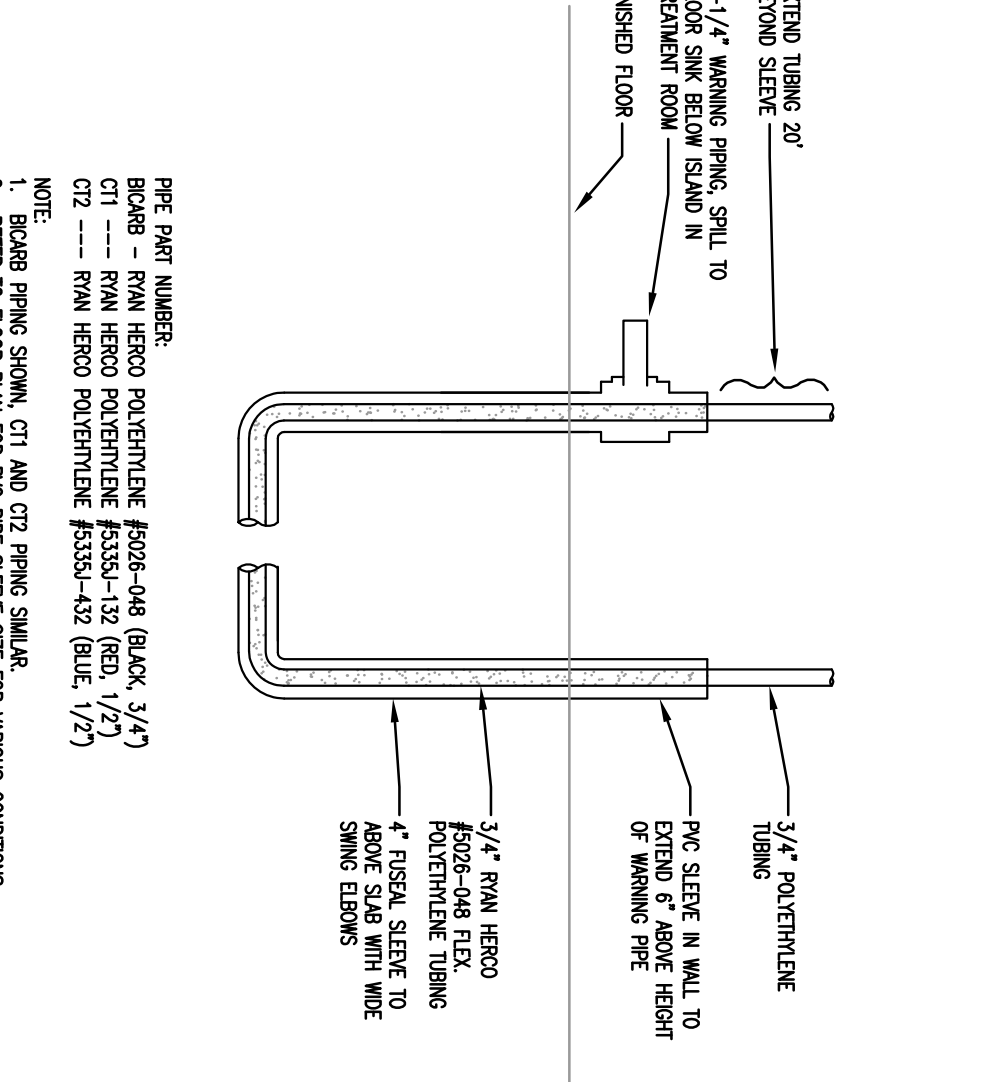
7 J-HANGER DETAIL  
NOT TO SCALE



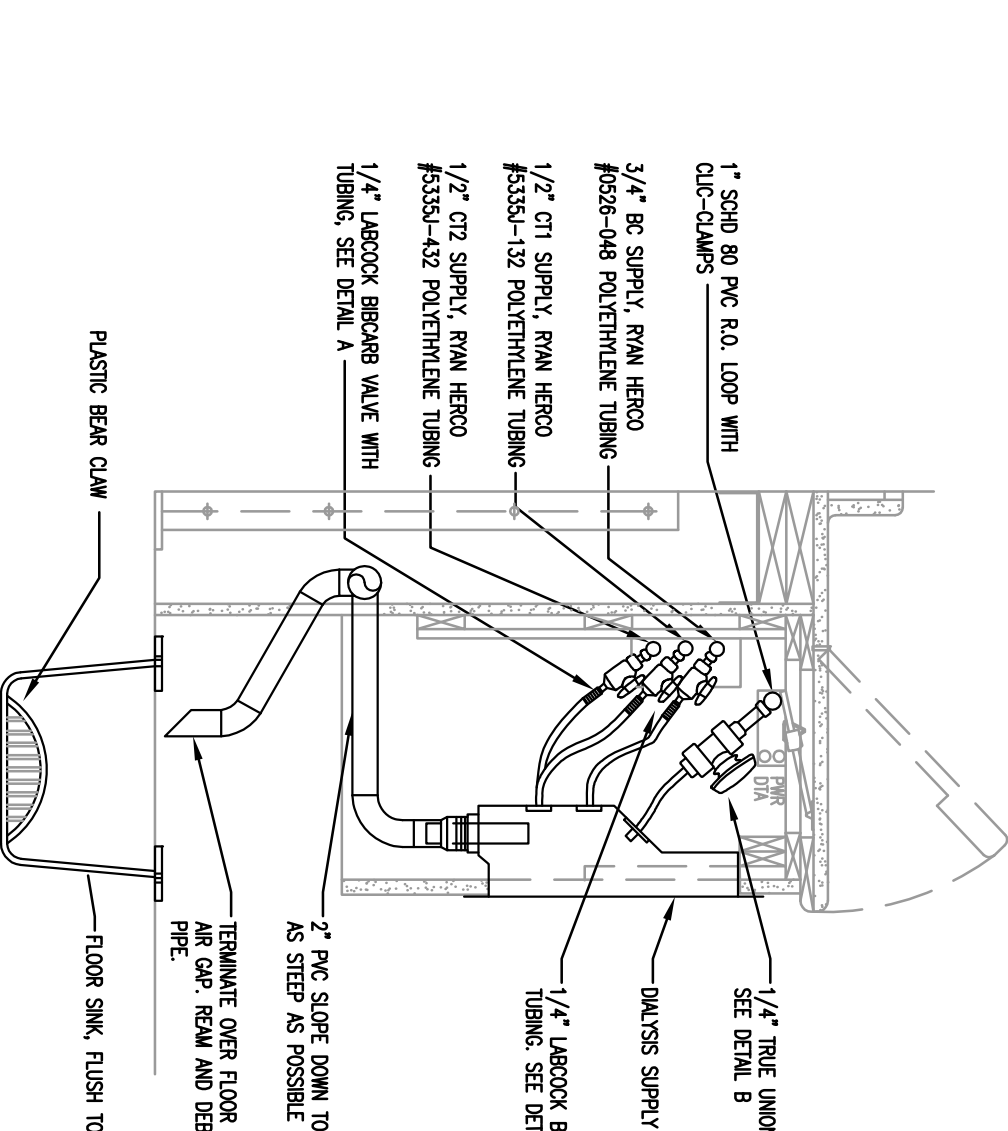
2 BORED ROOM SUPPLY BOX IN WALL  
NOT TO SCALE



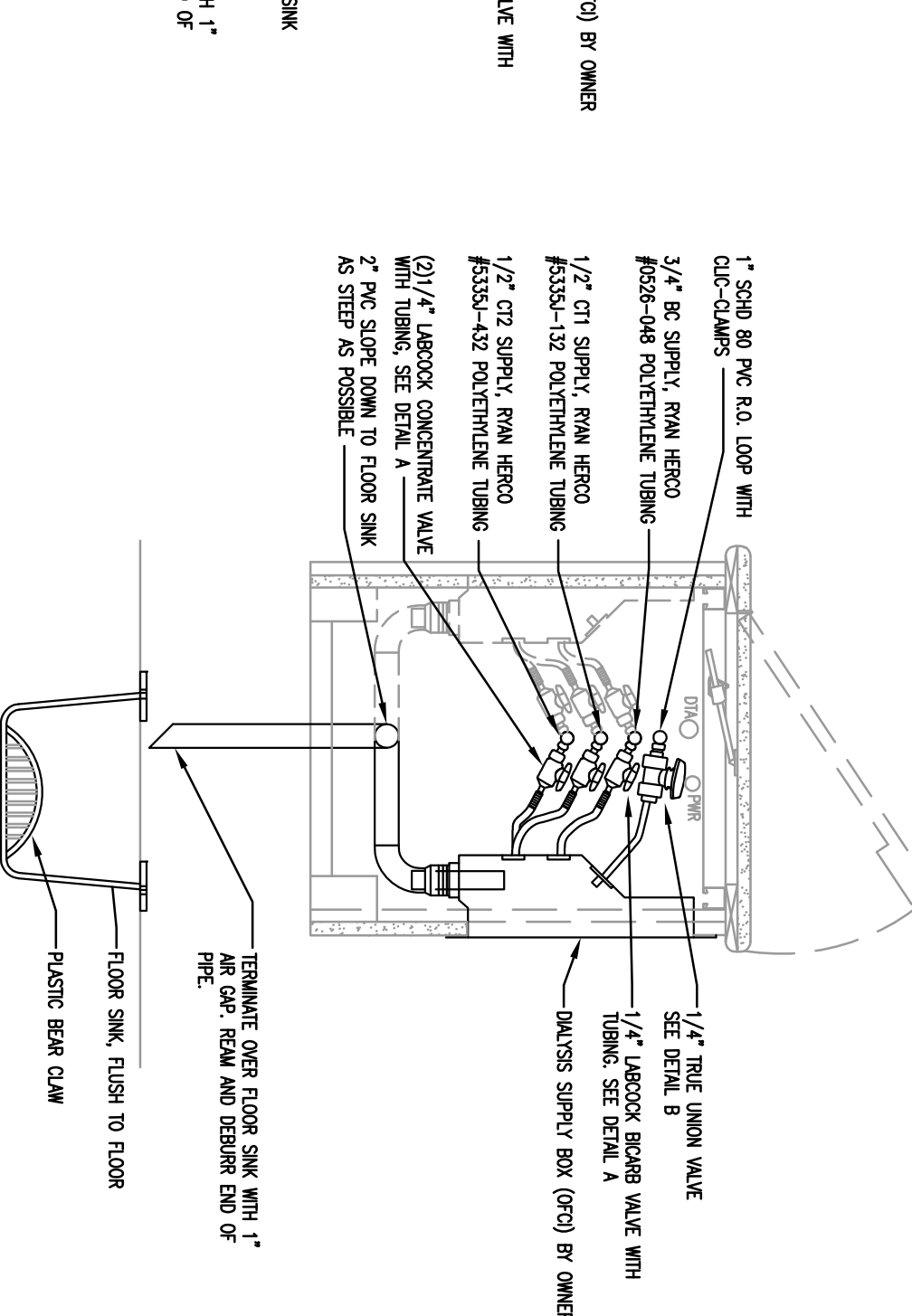
1 RO EQUIPMENT WATER SUPPLY DIAGRAM  
NOT TO SCALE



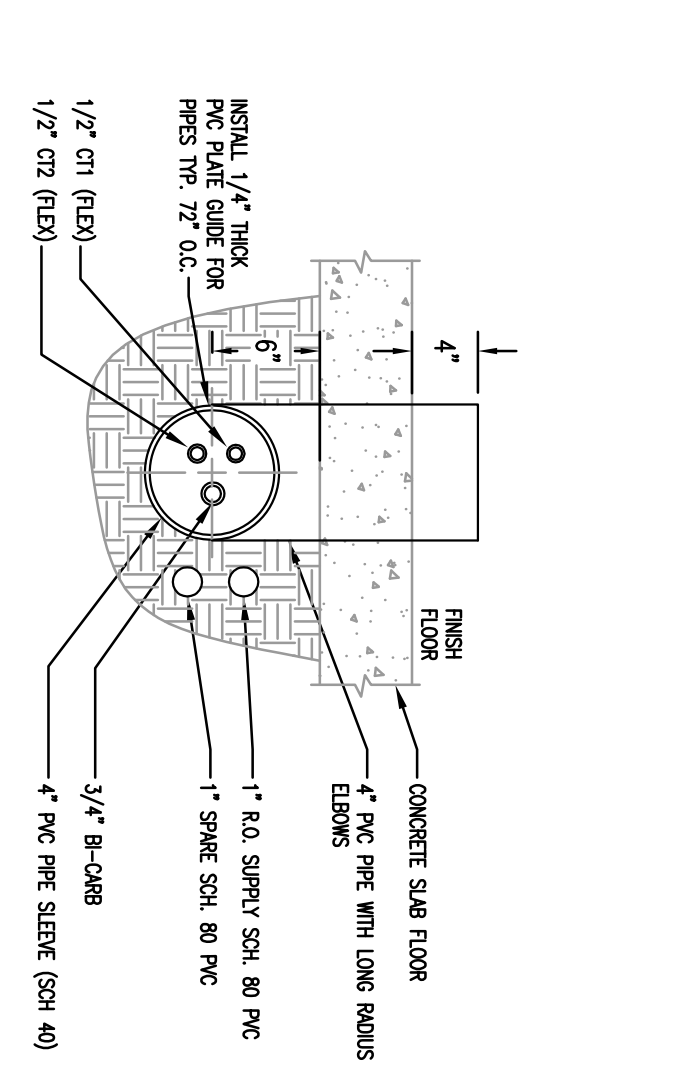
8 UNDER SLAB BI-CARB and CI PIPING  
NOT TO SCALE



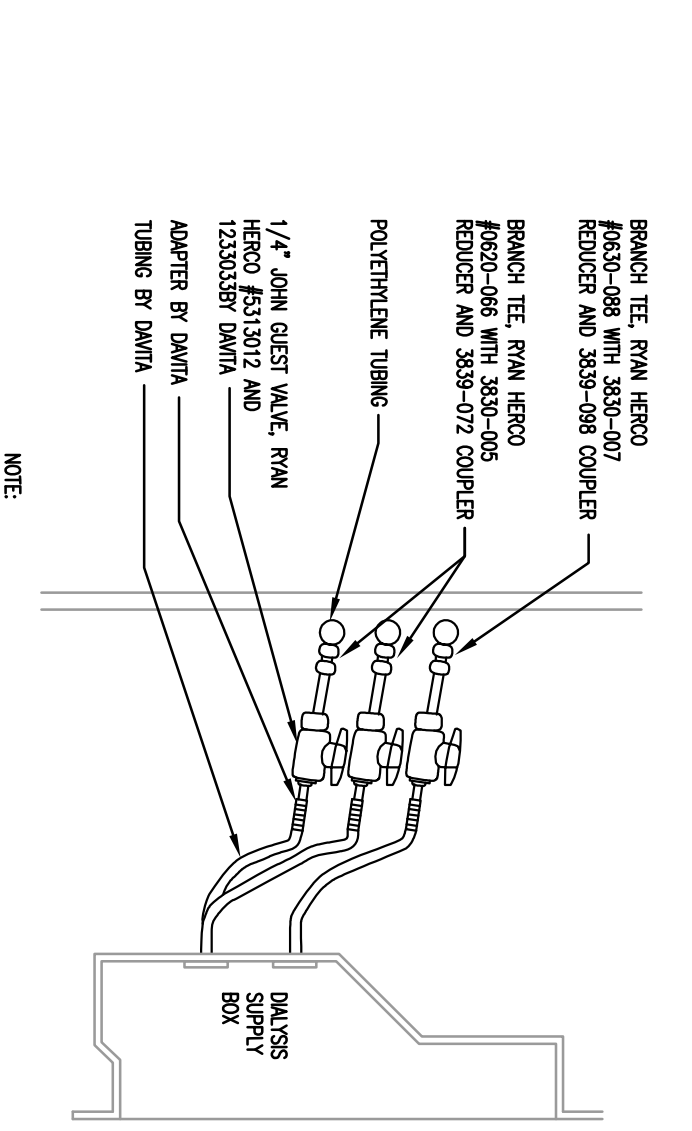
4 SECTION AT CHASE STATION  
NOT TO SCALE



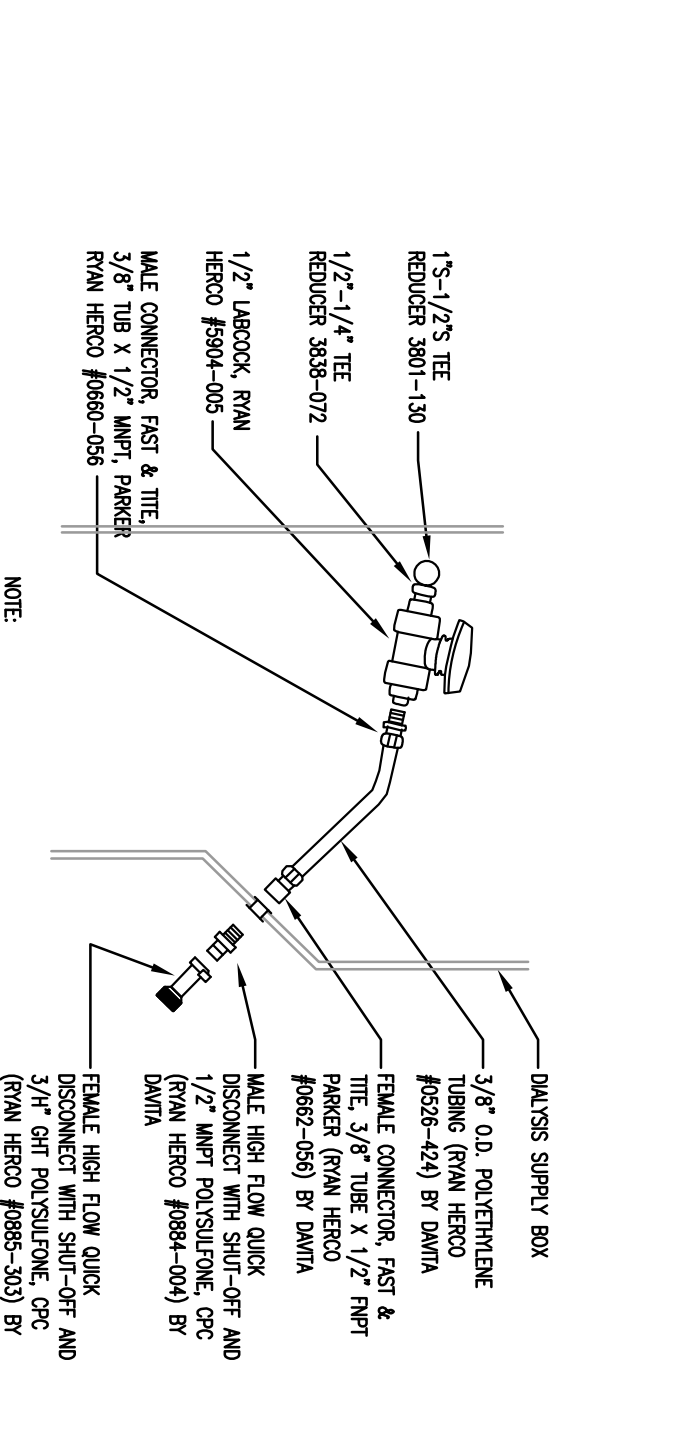
3 SECTION AT ISLAND CHASE STATION  
NOT TO SCALE



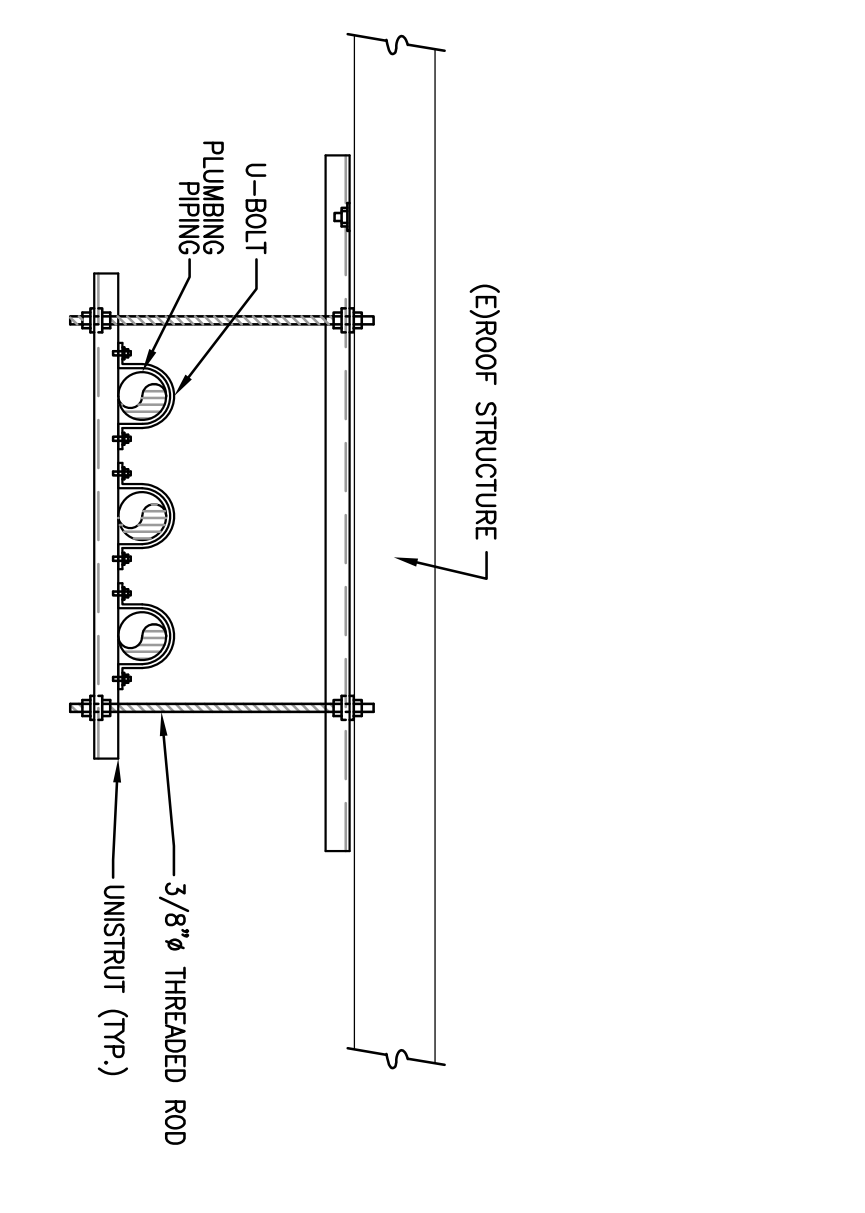
9 PPE SLEEVE DETAIL  
NOT TO SCALE



DETAIL A  
REF. SECTIONS AT CHASE STATION



DETAIL B  
REF. SECTIONS AT CHASE STATION



5 PRE HANGER DETAIL  
NOT TO SCALE

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*Checked By* EN

**PLUMBING DETAILS**

Job Number: 111308  
CAD Path: P4.0  
Sheet Number: P4.0

