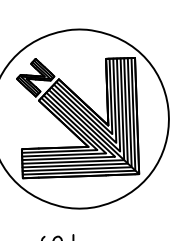


FIRST FLOOR DEMOLITION PLAN-PART A
SCALE: 1/8" = 1'-0"



FIRST FLOOR DEMOLITION PLAN-PART B
SCALE: 1/8" = 1'-0"

DEMOLITION NOTES AND WORK SCHEDULE

- 1 REMOVE EXISTING STEEL WINDOW SASH/SCOT BACK ANY STEEL WINDOW FRAME OTHER THAN STRUCTURAL SUPPORTING ELEMENTS TO ALLOW INSTALLATION OF NEW WINDOW & PLANNING FOR EXTENT OF DEMOLITION & DETAIL.
- 2 REMOVE EXISTING DOORS, HARDWARE, ETC. SEE DOOR & FRAME SCHEDULE.
- 3 HANG EXISTING CONCRETE BLOCK PARTITIONS, DOORS & FRAMES. CEILING/FLOORING, REMOVE EXISTING SAUNA FLOORING, WALLS, BENCHES, CEILING, & SAUNA PACKAGE UNIT.
- 4 REMOVE EXISTING UNIT SHOWER AND MIXING VALVES TO ACCOMMODATE REMOVAL OF CERAMIC TILE. REMOVE EXISTING SHOWER FIXTURES, AND WORKING PROPERLY.
- 5 REMOVE EXISTING URINALS. ROUGH-IN WILL REMAIN TO SERVICE NEW FIXTURES.
- 6 REMOVE EXISTING CERAMIC WALL TILE & SETTING BED. PREP WALL FOR NEW FINISHES.
- 7 REMOVE EXISTING TOILET PARTITIONS.
- 8 REMOVE EXISTING WATER CLOSETS. ROUGH-IN SHALL REMAIN FOR NEW FIXTURES.
- 9 REMOVE EXISTING LAUNDRIES. ROUGH-IN SHALL REMAIN FOR NEW FIXTURES.
- 10 REMOVE EXISTING CEILING TILE & GRID. DISCONNECT EXISTING ELECTRICAL DEVICES, CEILING FANS, AND RELOCATE TO NEW LOCATION. REMOVE EXISTING STRUCTURE AND HANGAR WIRE.
- 11 REMOVE EXISTING TILE FLOORING AND RUBBER BASE.
- 12 REMOVE EXISTING WASHERS, DRYERS, AND ELECTRICAL/MECHANICAL SERVICES TO THE SAME.
- 13 REMOVE EXISTING CHECKOUT/VIEW WINDOW FRAME AND SILL AS REQUIRED TO FILL OPENING.
- 14 REMOVE EXISTING CERAMIC TILE FLOOR AND SETTING BED.
- 15 REMOVE EXISTING GYM FLOOR FINISH, AND PAINTED MARKINGS. SURVEY AND RECORD DIMENSIONAL LAYOUT FOR REPAINTING.
- 16 REMOVE EXISTING GYM FLOOR FINISH, AND PAINTED MARKINGS. SURVEY AND RECORD DIMENSIONAL LAYOUT FOR REPAINTING.
- 17 REMOVE EXISTING 16'-0" SECTION OF GYMNASIUM FOLDING SEATS TO REMAIN. RETRACT OR REMOVE TO REFINISH CONTRACTING OFFICER.
- 18 REMOVE AND DO NOT REINSTALL THIS SECTION AFTER REFINISHING FLOOR. PROVIDE EXTRA UNITS TO REPAIR STRUCTURAL SYSTEM AND WALL.
- 19 REMOVE EXISTING LIGHTING FIXTURES. SEE ELECTRICAL.
- 20 REMOVE EXISTING CONCRETE SLAB ON GRADE PAVING.
- 21 REMOVE EXISTING PLANTERS AND PLANTING.
- 22 REMOVE EXISTING WOODEN SCREEN STRUCTURES.
- 23 REMOVE EXISTING WINDOWS CONCRETE BLOCK WALLS & LOUVERS. BELOW WINDOWS FOUNDATION WALL.
- 24 REMOVE EXISTING WINDOW TOOTH EXIST. BLOCK OPENING.
- 25 REMOVE EXISTING EXHAUST FAN & ELECTRICAL SERVICE TOOTH EXIST. BLOCK OPENING.
- 26 REMOVE & RESET RUNNING SHOE CLEANERS.
- 27 REMOVE EXISTING FLOORING & BASE. PREP CONCRETE SLAB FOR NEW FLOORING.
- 28 DISCONNECT EXISTING P.A. CONSOLE FOR RELOCATION TO NEW CHECK OUT. PROVIDE JUNCTION BOX & SPLICE ALL WIRING, AND RUN IN CONDUIT TO NEW LOCATION.
- 29 DISCONNECT EXISTING CLOSED CIRCUIT TELEVISION SYSTEM FOR RELOCATION TO NEW CHECKOUT.
- 30 REMOVE EXISTING SURFACE FINISH.
- 31 REMOVE ALL EXISTING MIRRORS & CONNECTIONS.
- 32 REMOVE EXISTING BARE.
- 33 REMOVE EXISTING VIEW WINDOW AND FRAME AS REQUIRED TO ACCEPT NEW STOREFRONT UNIT.
- 34 RELOCATE ELECTRICAL SERVICE ABOVE NEW CEILING.
- 35 REMOVE EXISTING PLASTIC LAMINATE COUNTERTOP.
- 36 REMOVE EXISTING LOCKER BASE.
- 37 DEMOLISH EXISTING WALL HIGH AT GYMNASIUM TO ACCOMMODATE INSTALLATION OF NEW VENTILATING FAN. CUT OUT AND HEAD OFF STRUCTURAL CROSS BRACING AS REQUIRED FOR FAN DAMPER & CASE INSTALLATION.
- 38 TOOTH EXISTING BLOCK OPENING FOR NEW LOUVERS. SHORE AS REQUIRED. NOT USED.
- 39 REMOVE EXISTING FANS & ELECTRICAL SERVICES.
- 40 PROVIDE TEMPORARY SUPPORT AS REQUIRED TO ALLOW FOR DEMOLITION.
- 41 REMOVE LOUVER/MOTORIZED DAMPER, AND ELECTRICAL SERVICE.
- 42 REMOVE LOUVER/TOOTH EXISTING BLOCK OPENING.
- 43 REMOVE EXISTING WALL. TOOTH MASONRY TO NEW LOUVER OPENING.
- 44 REMOVE EXISTING TACKBOARD.
- 45 REMOVE EXISTING CEILING FURNISHING, LIGHTING ACCESS DOORS, ETC. AT CEILING.
- 46 REMOVE EXISTING WOOD CEILING AND FURNISHING AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
- 47 REMOVE EXISTING STEEL WINDOW SASH. CUT BACK ANY WINDOW FRAME & CONCRETE SILL OTHER THAN STRUCTURAL SUPPORT. TOOTH EXISTING BLOCK OPENING.
- 48 REMOVE 4X4 CLIPBOARD. PATCH WALL AS NEEDED FOR SMOOTH FINISH.
- 49 REMOVE EXISTING WP. GYP. BOARD AND FURNISH. PREP EXISTING CMU WALL FOR NEW FINISH.
- 50 REMOVE EXISTING RACQUETBALL COURT DOOR. DEMOLISH OPENING AS REQUIRED TO ACCOMMODATE NEW DOOR & FRAME.
- 51 REMOVE EXISTING CONCRETE BLOCK WALL AS REQ'D FOR A 3'X7' DOOR & FRAME. DIMENSIONS INDICATED ON DRAWING.
- 52 TOOTH NEW BLOCK OPENING.
- 53 REMOVE SCOREBOARD. PATCH WALL AS NEEDED FOR NEW FINISHES.
- 54 REMOVE ALL EXISTING 2X4 WOOD FRAME CONSTRUCTION AND GYP. BOARD THIS ROOM. PREP FLOOR & WALL TO RECEIVE NEW FINISHES.
- 55 REMOVE ALL EXISTING FINISH FLOOR & BASE THIS ROOM. PREP FLOOR TO RECEIVE NEW FLOOR FINISH.
- 56 REMOVE ALL EXIST. STAIR TREADS. PREP STAIR, LANDING AND WALLS FOR NEW FINISH.
- 57 REFINISH HANDRAIL AS INDICATED.
- 58 REMOVE ALL EXISTING GYP. BOARD CEILING THIS ROOM.
- 59 REMOVE EXISTING STEEL STRUCTURE BELOW CEILING.
- 60 REMOVE EXISTING PORTABLE SHOWER UNITS.
- 61 DEMOLISH OR INFILL EXIST. OPENING AS REQ'D TO RECEIVE A 3'X7' DOOR & FRAME.
- 62 SECURE EXISTING DOOR IN PLACE.
- 63 REFINISH WINDOW FRAMES AS INDICATED. FRAME SHALL BE SAND SMOOTH AND ALL RUST REMOVED. SURFACES SHALL BE PREP FOR NEW FINISHES.
- 64 REMOVE EXIST. FLOOR BOARDS NEAR THE CENTER OF ROOM. REMOVE ANY DAMAGED SUB-FLOOR AND ANY DAMAGED FLOOR SUPPORT. PREP EXIST. FLOOR SUPPORT FOR NEW FLOOR FINISH.
- 65 SANICUT & REMOVE EXIST. CONCRETE FLOOR AS SHOWN ON PLAN. COORDINATE WITH MECHANICAL DEMOLITION. THE FLOOR WILL BE REQUIRED AFTER MECH. ROUGH-INS ARE IN PLACE.
- 66 REMOVE EXIST. GYP. CEILING & FRAME THIS AREA.
- 67 REMOVE CLIPBOARD & PATCH AS REQUIRED.
- 68 REMOVE FOAMED-IN-PLACE INSULATION. FILL COMPLETELY BETWEEN THE STEEL DECK AND TOP OF CMU WALL ALONG THE PERIMETER OF WALLS INDICATED.
- 69 REMOVE EXIST. CONC. BLOCK WALL AS REQ'D FOR OPENING.
- 70 REMOVE & SECURELY REPLACE ALL FLOOR END BEAMS AS INDICATED ON THE DRAWING PRIOR TO REFINISHING THE SURFACE.
- 71 REMOVE ALL WOOD VENTS.
- 72 REMOVE SHELVING.
- 73 MODIFY EXISTING CANOPY AS REQUIRED FOR NEW ENCLOSURE.

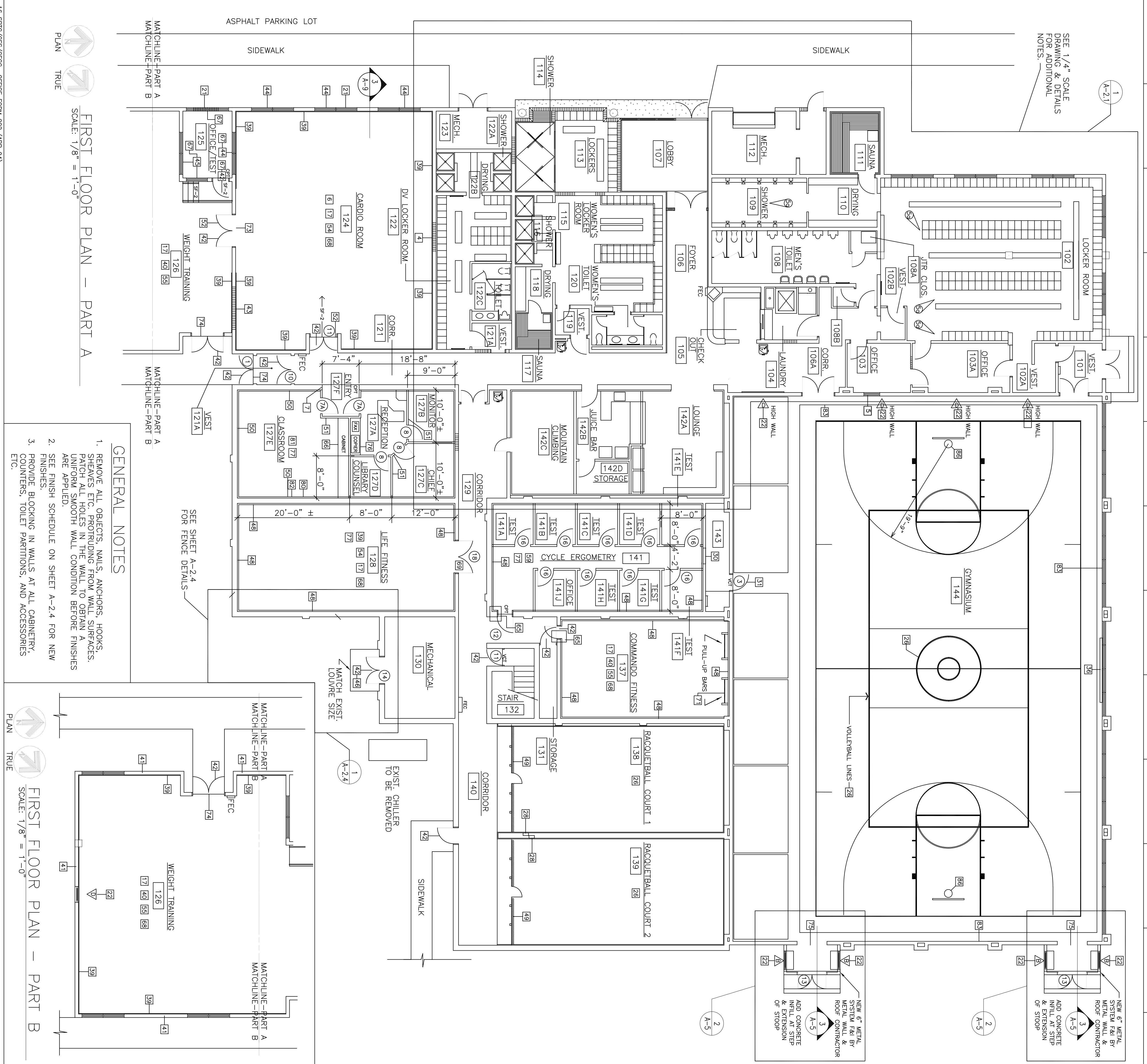
REV	DATE	DESCRIPTION	SNS	JW	APP'D
1	5/14/95	ADDENDUM #3	NEP	JW	
2	8/29/95	ADDENDUM #3 MODIFY EXT OF RM 144	NEP	JW	

ADD/ALT/RPR	PHYSICAL FITNESS CENTER
BLDG. NO. 90232	DEMOLITION PLAN

CHIEF ENGINEER	CIVIL ENGINEER
DESIGNED BY	DATE
T.R.F.	31 MAY 94
SCALE	SHEET
AS NOTED	3 OF 35
PROJECT NO.	DRAWING NO.
FEV 93-10054	HP 94-027

WORK SCHEDULE NOTES

1. INSTALL NEW DOOR AND HARDWARE IN EXISTING METAL FRAME. PATCH EXISTING WALL, FLOOR & LINTEL AND PAINT.
2. PATCH EXISTING FLOOR & WALL TO ABOVE CEILING HEIGHT. INSTALL NEW FLOORPAINT WALL.
3. PATCH EXISTING DOOR OPENING. TOOTH MASONRY, PREP AND PAINT.
4. INSTALL NEW STOREFRONT AT OPENING. INSTALL 1/2" MONOLITHIC POLYCARBONATE GLAZING.
5. RENSAL ALL CEILING FASTLIGHT FIXTURES, SMOKE DETECTOR, GRILLES, REGISTERS AND DIFFUSERS IN NEW CEILING.
6. INSTALL NEW STEEL BEAM STRUCTURAL MASONRY UNIT AT ALL NEW OPENINGS (JAMBS) SHALL BE BUILT NEOS TO MATCH ADJACENT WALL THICKNESS WHERE NO DOOR/FRAME WILL BE INSTALLED.
7. INSTALL NEW METAL TRIMMING CHANNELS & 5/8" GRP. BOARD OVER EXISTING MASONRY TO CONCEAL EXPOSED CONDUIT.
8. REMOVE EXISTING MASONRY TO EXPOSE CONDUIT AND REPAIR TO MATCH EXISTING MASONRY.
9. INSTALL NEW FULL PRE BOARD APPARATUS WALL. FUR WALL AS REQ'D TO SUPPORT PRE BOARD. SEE ELEC. ON SHIT A-2.3.
10. INSTALL NEW WATER CLOSERS. SEE PLUMBING.
11. INSTALL NEW UNIFORMS. SEE PLUMBING.
12. INSTALL NEW UNIFORMS. SEE PLUMBING.
13. PRECAST MASONRY UNITS. REINFORCED AS REQUIRED. 8" BEARING MINIMUM @ EACH END.
14. SEE DETAIL FOR NEW FRAMING, CEILING BOARD, CERAMIC TILE ALL WALLS.
15. REINSTALL SHOWERS. SEE RENOVATION PLAN & PLUMBING.
16. INSTALL NEW PERFORATED PACKAGE SAUNA UNIT. SEE SPEC'S.
17. ROUGH-IN. PROVIDE EMERGENCY ALARM/ANNUNCIATOR TO CHECKOUT.
18. INSTALL NEW SECURITY GLASS FLOOR THIS ROOM. EXTEND PRODUCT 12" UP WALL TO FORM PROTECTIVE BASE.
19. PATCH WALL DAMAGE WHERE EXISTING MIRRORS ARE REMOVED. (NOT USED)
20. PATCH OPENING IN WALL.
21. PATCH WALL FINISH TO MATCH AT ADJACENT INTERIOR & EXTERIOR SURFACES. SEE SHEET A-3 & WEST ELEVATION.
22. PATCH DOOR TO MATCH EXISTING. TOOTH MASONRY AT JAMBS AND INSTALL NEW STRUCTURAL LINTEL AS DETAIL.
23. RELOCATE EXISTING TOILET PARTITIONS. PROVIDE EXISTING TOILET PARTITIONS WITH PLASTIC LAMINATE PARTITIONS. SEE SPEC'S.
24. RELOCATE EXISTING P.A. SYSTEM TO CHECKOUT. PROVIDE JUNCTION BOX AND CONDUIT TO EXTEND ALL P.A. CABLING TO NEW LOCATION. SEE ELECTRICAL/VEHICLE WITH ARCHITECT.
25. C.C.T.V. CABLING TO NEW LOCATION. SEE ELECTRICAL/VEHICLE WITH ARCHITECT.
26. REMOVE EXISTING MIRROR. REFINISH FLOOR SURFACES. SEE SCHEDULE. SEE DETAIL INCLUDED W/ APPROVAL 5.
27. REMOVE BELTCHERS AS REQUIRED.
28. INSTALL NEW FIBERGLASS DOOR PANELS ON INTERIOR SURFACE OF EXISTING DOORS. RELOCATE PULL HARDWARE AND COMBINE FOR PROPER DOOR OPERATION. (NOT USED)
29. INSTALL NEW WALLETRAIL NET ANCHORAGE DEVICES. MOUNT 56" & 97" A.F.F. SEE SPEC'S. (NOT USED)
30. CLOSE EXISTING OPENING WITH 4" METAL STUD AND 5/8" FIRE CODE PRESSURE BOARD. PROVIDE PERIMETER TRIM AT PERIMETER TO STOP AIR INFILTRATION.
31. (OR SMALL GROUND) AT CHANDRO OPENING. PROVIDE CLOSER, BUTTS AND WEATHERSTRIPPING.
32. REPLACE EXISTING PLASTIC LAMINATE SURFACE WITH NEW AS SPECIFIED.
33. PROVIDE NEW CONCRETE BASE FOR NEW LOCKERS TO BE FURNISHED AND INSTALLED UNDER SEPARATE CONTRACT.
34. RE-INSTALL EXISTING WALL LOCKERS. (NOT USED)
35. INSTALL NEW 4'-0" X 8'-0" BACKBOARD.
36. INSTALL NEW MOISTURE RESISTANT SCOREBOARD (INSTALLED BY GENERAL CONTRACTOR).
37. INSTALL NEW GOVERNMENT FINISHED 5/8" FIRE CODE OR WALL ON NEW 3/4" AND 1 1/2" METAL FIRING CHANNELS AND SUSPENSION SYSTEM. PAINT OR WALL W/ EPOXY.
38. INSTALL NEW CONCRETE SLAB ON GRADE W/ W.P. MEMBRANE THIS AREA.
39. ATTACH NEW MIRRORS CONTIGUOUS ALONG ENTIRE WALL PER SPECIFICATION. TOP OF MIRROR TO BE AT 8'-0" AFF (WHERE POSSIBLE). BOTTOM TO BE 16" AFF OR 1" ABOVE ELECTRICAL OUTLETS WHERE THEY EXIST.
40. SEE FINISH SCHEDULE ON SHEET A-2.4 FOR NEW FINISHES.
41. GROUT FILL COMPLETELY BETWEEN THE STL. DECK AND TOP OF BLOCK WALL ALONG THE PERIMETER OF THE WALLS INDICATED.
42. REPAIR DOOR & FRAME AS INDICATED. DOOR & FRAMES SHALL BE SAND SMOOTH & ALL RUST REMOVED. PAINT DOORS & FRAMES ACCORDING TO COLOR SCHEDULE.
43. PATCH EXIST. WINDOW OPENING. TOOTH MASONRY, PREP AND PAINT.
44. INSTALL NEW WINDOW UNIT. HOLLOW METAL FRAME WITH INSIDE SET GLAZING AT RM 125. ALUMINUM UNITS AT ALL OTHERS. REFINISH WINDOW FRAMES AS INDICATED. FRAMES SHALL BE SAND SMOOTH AND RUST REMOVED. PAINT FRAME ACCORDING TO COLOR SCHEDULE.
45. INSTALL NEW DOOR LOUVER IN DOOR.
46. INSTALL NEW FULL HEIGHT CERAMIC TILE WALL FINISH. SEE FINISH SCHEDULE FOR MATERIAL. ALL WALLS THIS ROOM.
47. INSTALL NEW W.P. GRP. BOARD ON METAL STUD OR FIRING CHANNELS. GRP. BOARD SHALL EXTEND AT LEAST 6" ABOVE CEILING. INSERT SHIMS AS NEEDED TO ENSURE NEW GRP. BOARD FINISH IS PLUMB.
48. WORK REPAIR TO DETERMINE WALL THICKNESS.
49. SECURE FLOOR END BOARDS PRIOR TO APPLICATION OF NEW FLOOR FINISH.
50. REMOVE EXISTING MIRROR. REFINISH FLOOR SURFACES. SEE SCHEDULE. SEE DETAIL INCLUDED W/ APPROVAL 5.
51. PROVIDE 1" S&W PSH AND 1" LUDOL SOAP DISPENSER PER SHOWEROOD. SEE SPEC'S. MOUNT AT 54" AFF.
52. INSTALL NEW LOCKERS ON EXISTING BASE. NEW LOCKERS FURNISHED AND INSTALLED UNDER SEPARATE CONTRACT.
53. PROVIDE THIS WALL WITH STRUCTURAL GULF STUDS @ 16" O.C. BRACED TO STRUCTURE ABOVE. SEE DETAIL SHIT A-2.3.
54. REPAIR CMU AT JAMB.
55. 24" DEEP BASE CABINET. 3/4" HIGH WITH PLASTER LAMINATE COUNTER-NO BACK SPLASH. 2 SHEETS ON ADJUSTIBLE STANDARDS INSIDE BASE CABINET.
56. REMOVE EXISTING MIRROR. REFINISH FLOOR SURFACES. SEE SCHEDULE. SEE DETAIL INCLUDED W/ APPROVAL 5.
57. PRECAST MASONRY UNITS. REINFORCED AS REQUIRED. 8" BEARING MINIMUM @ EACH END.
58. NEW CONCRETE LOCKER BASE. FILL APPROXIMATELY 4'-0".
59. CHN UP BARS MOUNT AT 8'-0" AFF. PROVIDE PER SPEC. WITH RPP SHEETING ON WALL BELOW BARS.
60. NEW CT BASE ONLY ROOMS 115, 119 & 120. CLEAN FLOOR. SEE FINISH SCHEDULE NOTES.
61. REMOVE EXISTING MIRROR. REFINISH FLOOR SURFACES. SEE SCHEDULE. SEE DETAIL INCLUDED W/ APPROVAL 5.
62. REPLACE EXISTING THRESHOLD WITH NEW.
63. REMOVE EXISTING DOORS & HARDWARE & PLUG HARDWARE CUT OUT IN FRAME TO BECOME CASED OPENING ONLY.
64. COOPER & FAX (NO) WILL BE INSTALLED ON OWNER FURNISHED CABINET (N/C).
65. EXISTING REINFORCING PANEL OVER GRP BOARD. FULL HEIGHT OF WALL. SEE SECTION & SPECIFICATIONS.
66. MANUALLY OPERATED FALDDOWN PROTECTION SCREEN WITH BRACKETS AND BRACKING IN WALL.
67. FLOOR W/D. POWER OUTLET.
68. 3/4" X 4" AT 3' AFF - (WITH PASTRIP) AND BRACKETS
69. REMOVE EXISTING MIRROR. REFINISH FLOOR SURFACES. SEE SCHEDULE. SEE DETAIL INCLUDED W/ APPROVAL 5.
70. PROVIDE HOOK SYSTEM & WALL LAMONING AT 3 WALLS OF GYMNASIUM. SEE SPEC FOR PADING REQUIREMENTS.
71. SANITARY NAPIN DISPOSER/DISPENSER
72. CHANGE DOOR TYPE 3 TO CASED OPENING. PROVIDE INFL AT CUTOUTS FOR BUTTS AND STRIKE ETC. GRND SMOOTH & FINISH. ON NEW COAL).
73. GOAL SYSTEM. SEE SPEC NO. 11464 (EXISTING BACKBOARD TO BE REINSTALLED ON NEW COAL).
74. TOWEL WASTE DISPENSER
75. SHELF WITH HOOKS



SEE 1/4" SCALE DRAWING & DETAILS FOR ADDITIONAL NOTES.

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

FIRST FLOOR PLAN - PART A

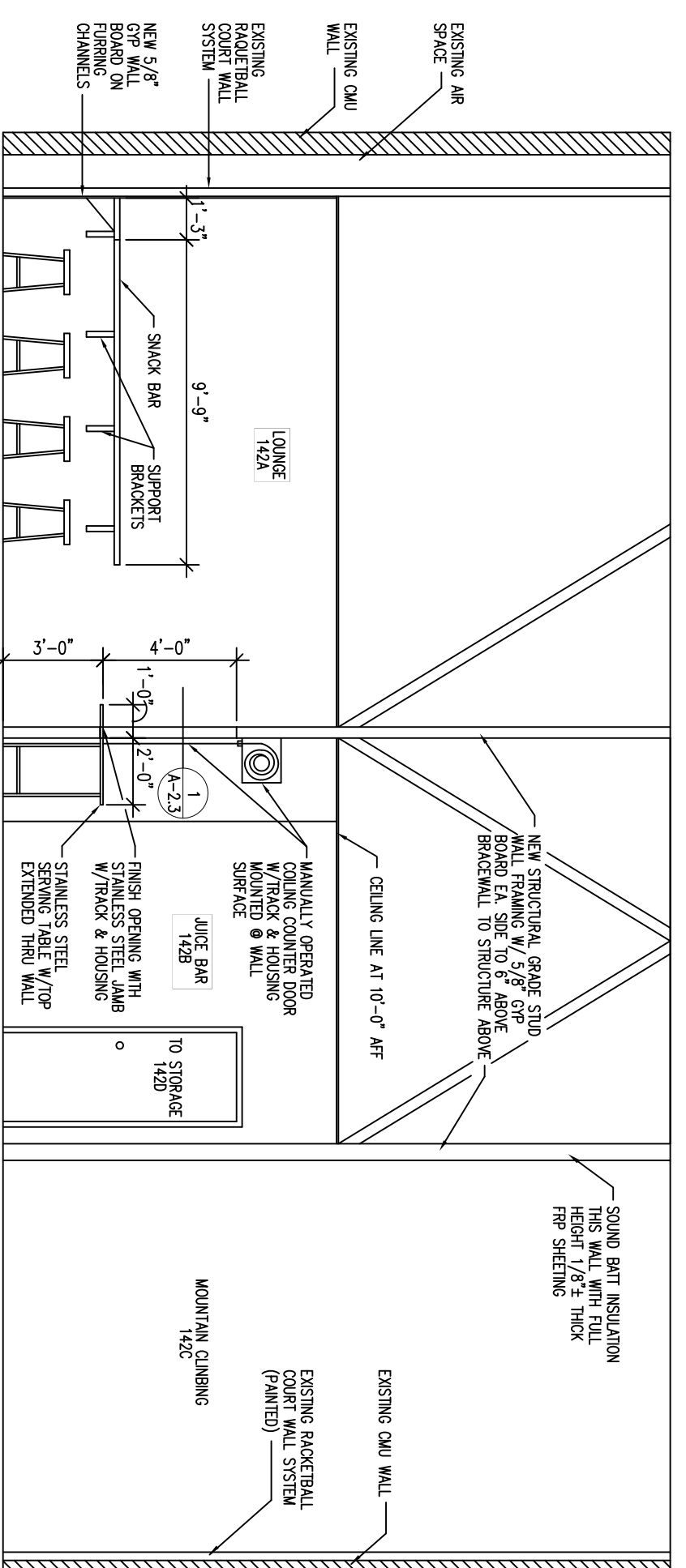
GENERAL NOTES

1. REMOVE ALL OBJECTS, NAILS, ANCHORS, HOOKS, SHEAVES ETC. PROTRUDING FROM WALL SURFACES. PATCH ALL HOLES IN THE WALL TO OBTAIN A UNIFORM SMOOTH WALL CONDITION BEFORE FINISHES ARE APPLIED.
2. SEE FINISH SCHEDULE ON SHEET A-2.4 FOR NEW FINISHES.
3. PROVIDE BLOCKING IN WALLS AT ALL CABINERY, COUNTERS, TOILET PARTITIONS, AND ACCESSORIES ETC.

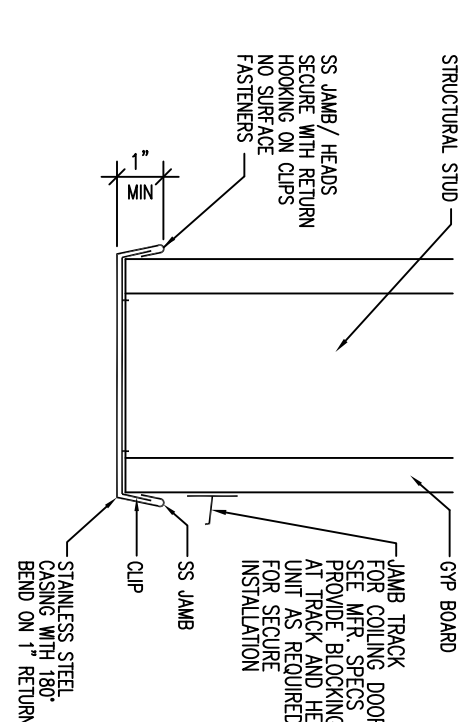
SCALE: 1/8" = 1'-0"

FIRST FLOOR PLAN - PART B

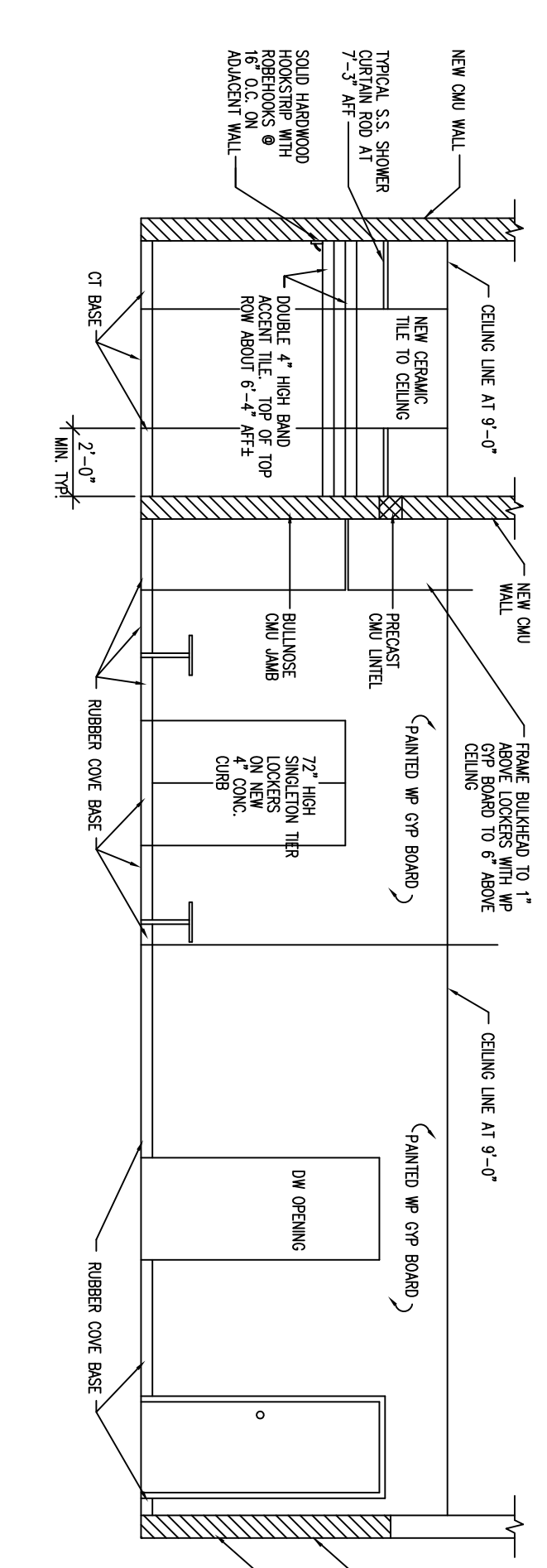
SHIT. REF.	A-2
CHIEF ENGINEER	CIVIL ENGINEER
DESIGNED BY	DATE
TRF	31 MAY 94
PROJECT NO.	DRAWING NO.
FVEV 93-10054	HF 94-027
SCALE	AS NOTED
APPROVED	
SUBMITTED	
ADD/ALT/RPR	ADDITIONAL #3 CORRECTIONS/CLASSIFICATIONS
PHYSICAL FITNESS CENTER	S/S
BLDG. NO. 90232	S/S
FIRST FLOOR PLAN	PG
	REV
	DATE
	DESCRIPTION
	DRAWN
	APPRO



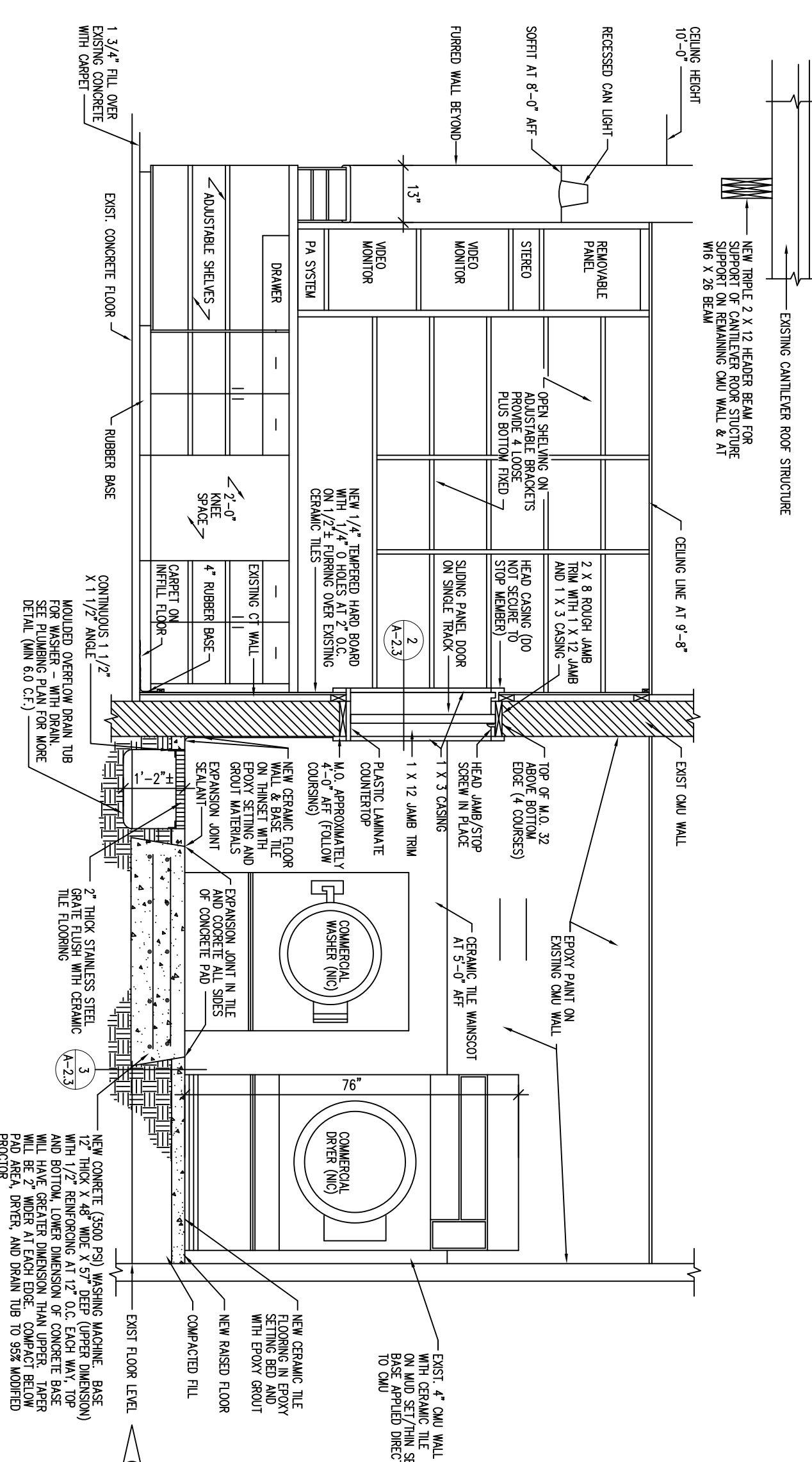
AA ROOMS 142A, 142B, & 142C - EAST
A-2.3 SCALE: 1/4" = 1'-0"



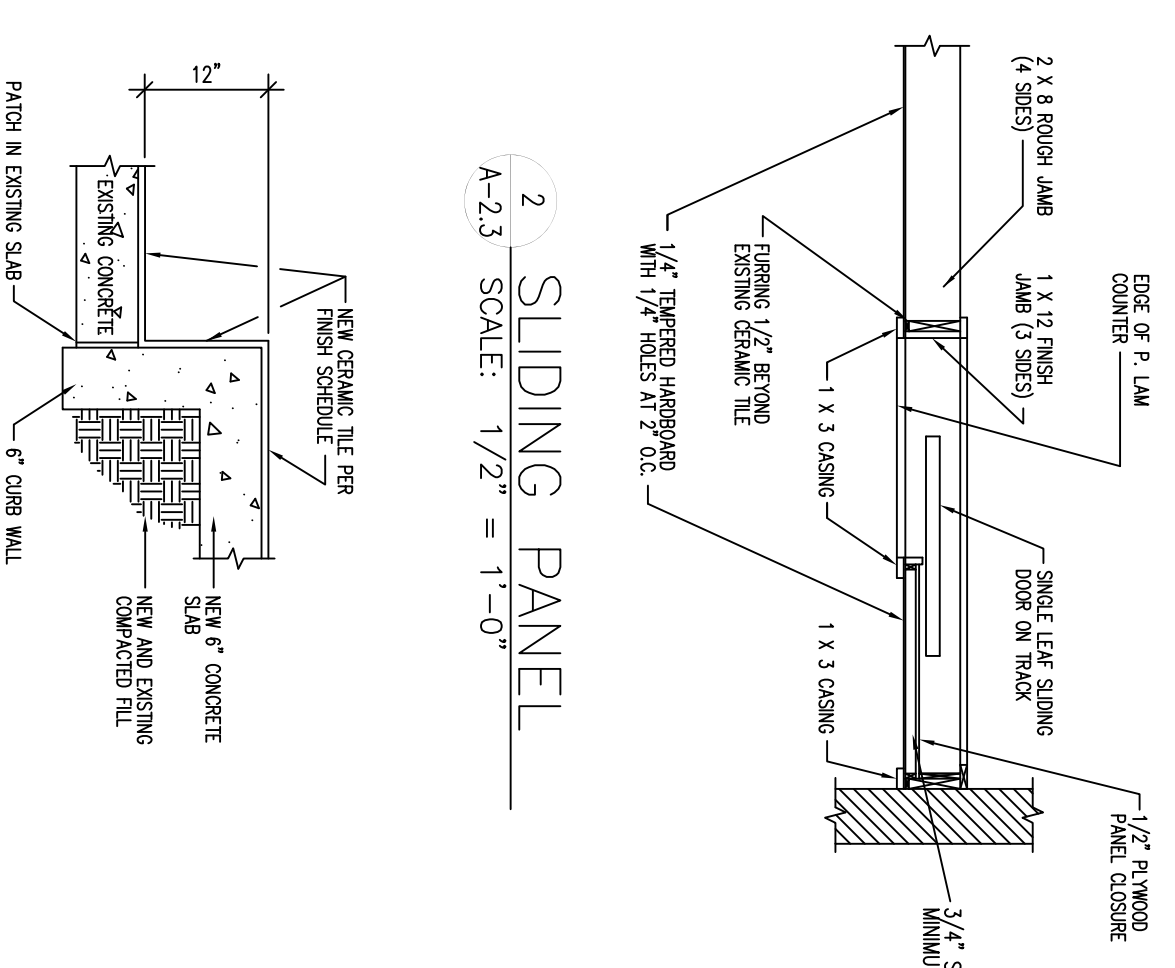
1 @ JUICE BAR COUNTER
A-2.3 SCALE: 3" = 1'-0"



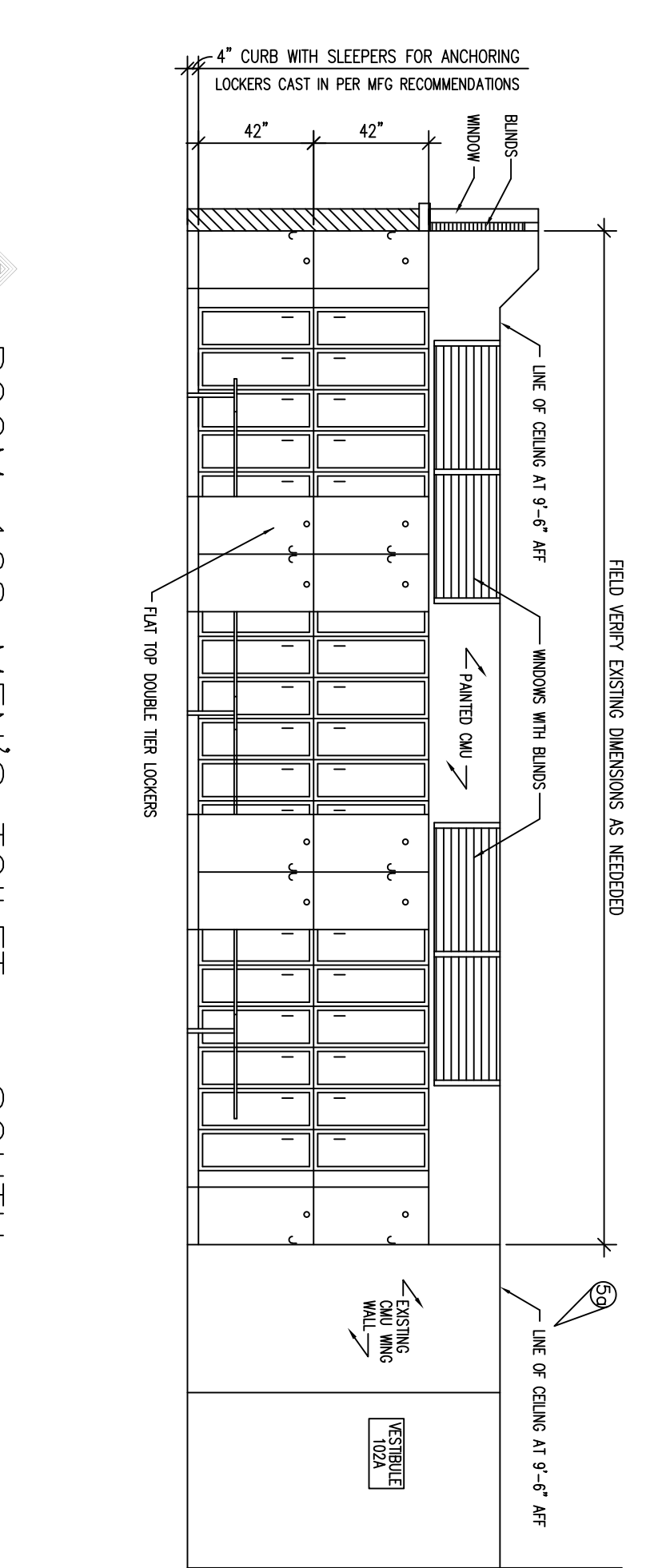
BB ROOM 122 DV LOCKER ROOM - NORTH
A-2.3 SCALE: 1/4" = 1'-0"



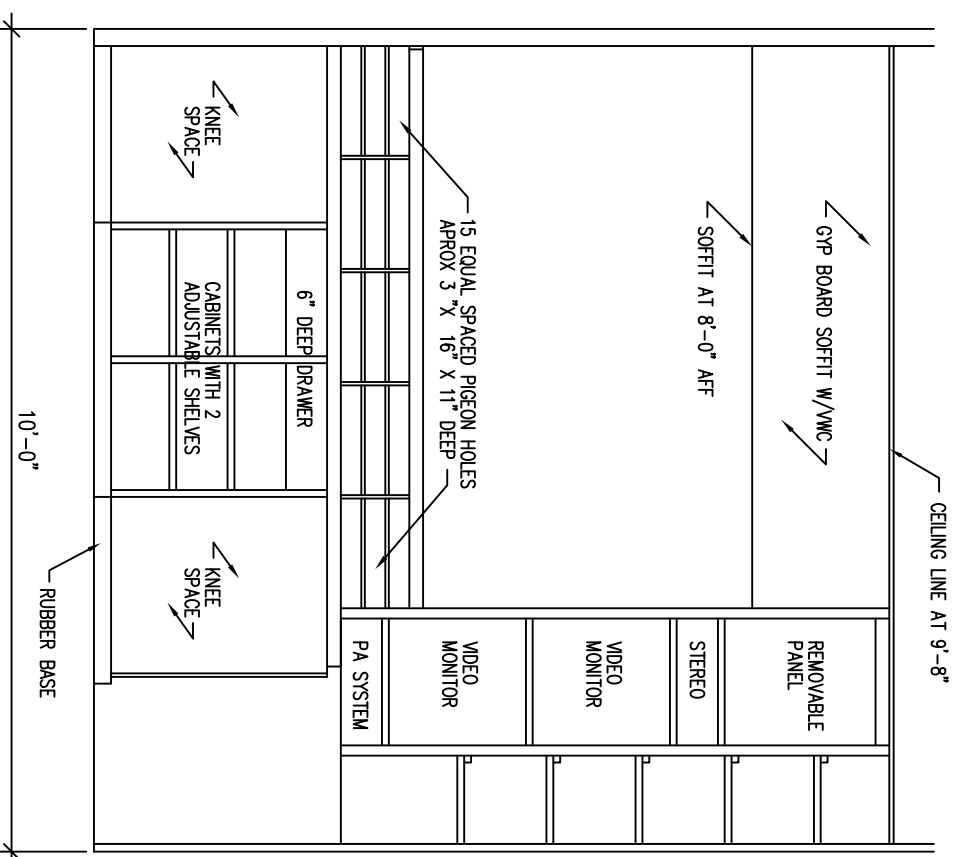
CC CHECKOUT 105/LAUNDRY 104 - WEST
A-2.3 SCALE: 1/2" = 1'-0"



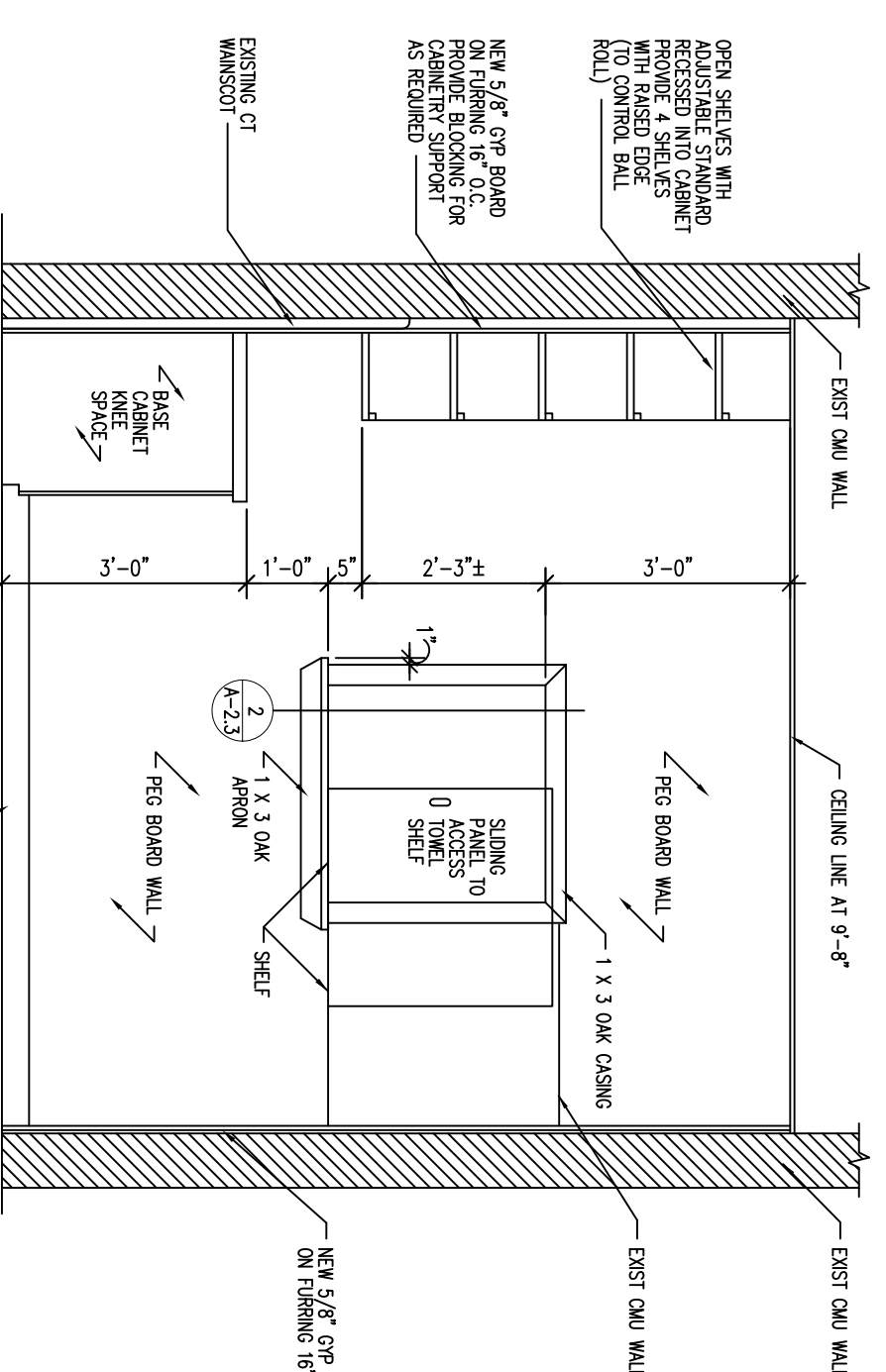
2 SLIDING PANEL
A-2.3 SCALE: 1/2" = 1'-0"



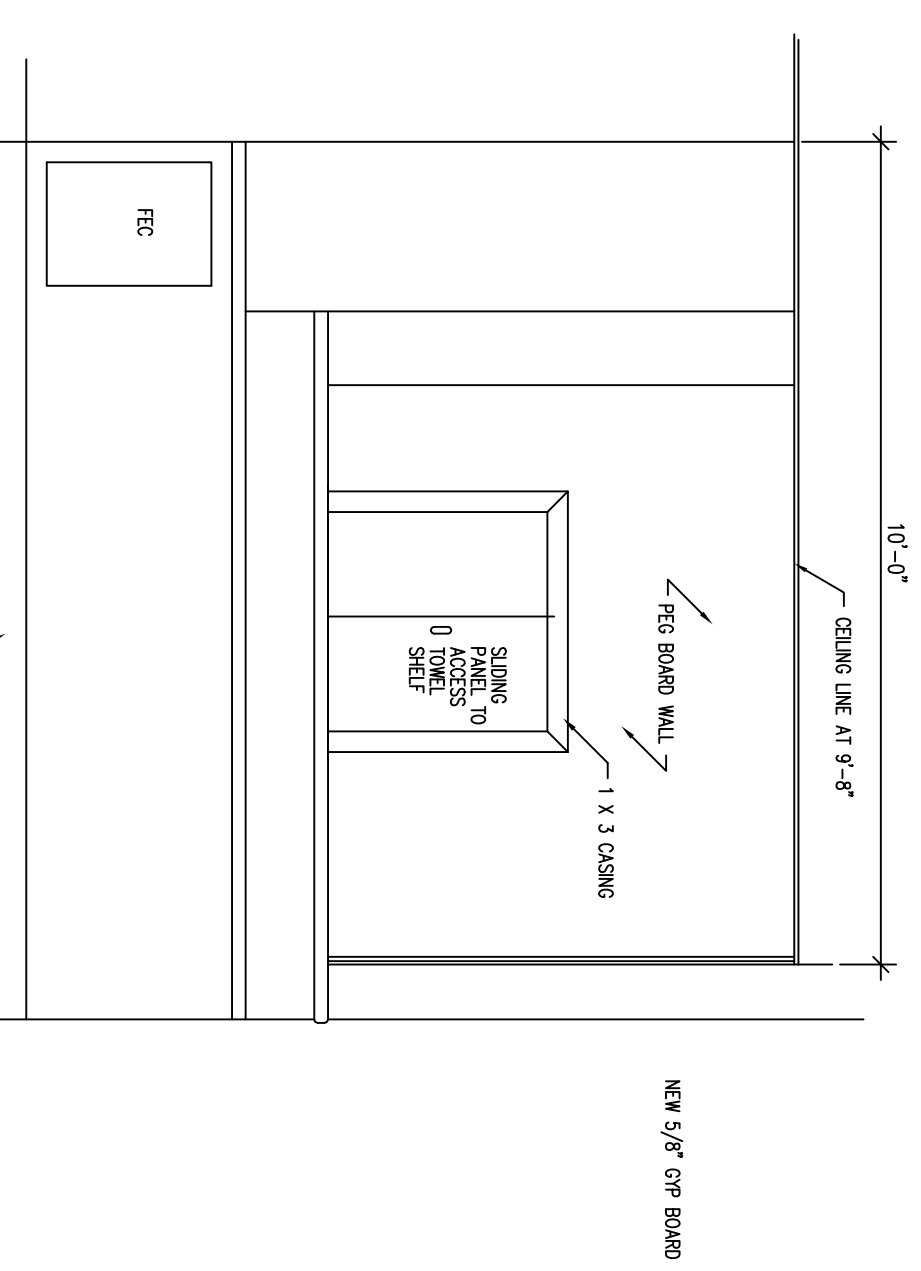
DD ROOM 108 MEN'S TOILET - SOUTH
A-2.3 SCALE: 1/4" = 1'-0"



1 ROOM 105 CHECKOUT - SOUTH
A-2.3 SCALE: 1/2" = 1'-0"



1 ROOM 105 CHECKOUT - NORTH
A-2.3 SCALE: 1/2" = 1'-0"



2 ROOM 105 CHECKOUT - NORTH
A-2.3 SCALE: 1/2" = 1'-0"

GENERAL NOTE:
SEE SHEET A-2 FOR ANY WORK NOTES
REFERENCED IN THIS SHEET.

REV	DATE	DESCRIPTION	SNS	PTG
1	8/25/95	ADDENDUM #5 CORRECTIONS/ CLARIFICATIONS		
2		ADDENDUM #5		

ADD/ALT/PPR
PHYSICAL FITNESS CENTER
BLDG. NO. 90232
SECTIONS AND DETAILS

SHI. REF.	DESIGNED BY	DATE	SHEET
A-2.3	SHIN	9 JUN 95	7 OF 35

CHIEF ENGINEER	CIVIL ENGINEER
DESIGNED BY	DATE
PROJECT NO.	DRAWING NO.

APPROVED

SCALE
AS NOTED

STANDARD E LAYOUT (28" X 40")

16 SPRIG/CS/CECC OFFICE FORM 002 (APR 94)

FINISH SCHEDULE

NO.	ROOM	FLOOR	BASE	WALL PER PLAN DIRECTION	CEILING	HT.	REMARKS	
101	VESTIBULE	SF-3	RB	N	EMU	ACT-1	10'-8"	
102	LOCKER ROOM	SF-3	RB	EMU	WVC	EMU	ACT-2	9'-6"
102A	VESTIBULE	SF-3	RB	EMU	EMU	EMU	ACT-2	10'-8"
102B	VESTIBULE	SF-3	RB	EMU	EMU	EMU	ACT-1	9'-6"
103	OFFICE	CPT-1	RB	EMU	EMU	EMU	ACT-1	9'-6"
103A	OFFICE	CPT-1	RB	EMU	EMU	EMU	ACT-1	9'-6"
104	LAUNDRY	PCT-2	PCT-8	CTW-1	CTW-1	CTW-1	ACT-2	10'-0"
105	CHECK OUT	PCT-1	PCT-8	EMU	EMU	EMU	ACT-1	9'-6"
106	FOYER	PCT	PCT-8	WVC-2	WVC-2	WVC-2	ACT-1	10'-0"
106A	CORRIDOR	SF-2	RB	EMU	EMU	EMU	ACT-1	9'-6"
107	LOBBY	PCT-1	PCT-8	DW	WVC-1	DW	ACT-1	10'-0"
108	MENS TOILET	CPT-3	CTB-1	CTW-1	CTW-1	CTW-1	ACT-2	10'-0"
108A	JANITOR	CPT-3	CTB-1	CTW-1	CTW-1	CTW-1	ACT-2	10'-0"
108B	STORAGE	FS-2	RB	EPP/EMU/EPP/EMU/EPP/EMU	EPP/EMU	ES	10'-0"	
109	SHOWER	FS-2	RB	EPP/EMU/EPP/EMU/EPP/EMU	EPP/EMU	ES	10'-0"	
110	DRINKS	CPT-3	CTB-1	CTW-1	CTW-1	CTW-1	ACT-1	9'-6"
111	SAUNA	*	CTB-1	CTW-1	CTW-1	CTW-1	ACT-1	9'-6"
112	MECHANICAL	CWH	---	---	---	---	---	---
113	WOMEN'S LOCKER	CPT-3	CTB-1	CTW-1	CTW-1	CTW-1	ACT-1	9'-6"
114	SHOWER	CPT-3	CTB-1	CTW-1	CTW-1	CTW-1	ACT-1	9'-6"
115	WOMEN'S LOCKER	ECT	CTB-1	EMU	EMU	ACT-2	9'-0"	
116	SHOWER (A,B,C)	CPT-3	CTB-1	CTW-1	CTW-1	CTW-1	ACT-1	9'-0"
117	SAUNA	*	CTB-1	CTW-1	CTW-1	CTW-1	ACT-1	9'-0"
118	DRINKS	CPT-3	CTB-1	CTW-1	CTW-1	CTW-1	ACT-1	9'-0"
119	VESTIBULE	ECT	CTB-1	EMU	EMU	ACT-1	9'-0"	
120	WOMEN'S TOILET	ECT	CTB-1	EMU	EMU	ACT-2	9'-0"	
121	CORRIDOR	SF-2	RB	---	---	---	---	---
121A	VESTIBULE	SF-2	RB	---	---	---	---	---
122	DV LOCKER ROOM	GPT-2	RB-2	DW	DW/EMU	ACT-2	9'-0"	
122A	SHOWER (4 THUS)	PCT-2	CTB-2	CTW-2	CTW-2	CTW-2	GBWP	9'-0"
122B	DRINKS	PCT-3	CTB-2	CTW-2	CTW-2	CTW-2	GBWP	9'-0"
122C	DV TOILET	PCT-2	CTB-2	CTW-2	CTW-2	CTW-2	ACT-2	9'-0"
123	MECHANICAL	ECON	---	---	---	---	---	---
124	CARDIO ROOM	SF-2	RB	EMU	EMU	ACT-1	10'-0"	
125	OFFICE/TESTING	GPT-1	RB	EMU	EMU	ACT-1	10'-0"	
126	WEIGHT TRAINING	SF-1	SF-1	EMU	EMU	ACT-1	10'-0"	
127A	RECEPTION	GPT-1	RB	DW	DW	ACT-1	9'-0"	
127B	MONITOR	GPT-1	RB	WVC-2	DW	ACT-1	9'-0"	
127C	CHIEF	GPT-1	RB	WVC-2	DW	ACT-1	9'-0"	
127D	LIBRARY COUNSEL	GPT-1	RB	DW	WVC-1	DW	ACT-1	9'-0"
127E	CLASSROOM	GPT-1	RB	DW	DW	ACT-1	9'-0"	
127F	ENTRY	GPT-1	RB	DW	DW	ACT-1	9'-0"	
128	LIFE FITNESS	SF-2	SF-2	DW	DW	NMU	ACT-1	10'-0"
129	CORRIDOR	SF-2	RB	EMU	EMU	ACT-1	9'-4"	
130	MECHANICAL	CWH	---	---	---	---	---	---
131	STAIR	VCT	RB	EMU	EMU	---	---	---
132	NOT USED	VCT	RB	EMU	EMU	---	---	---
133	NOT USED	VCT	RB	EMU	EMU	---	---	---
134	NOT USED	VCT	RB	EMU	EMU	---	---	---
135	NOT USED	VCT	RB	EMU	EMU	---	---	---
136	NOT USED	VCT	RB	EMU	EMU	---	---	---
137	COMMANDO FITNESS	SF-1	SF-1	DW	DW	ACT-1	10'-0"	
138	RACQUETBALL CRT 1	RWD	---	---	---	---	---	---
139	RACQUETBALL CRT 2	RWD	---	---	---	---	---	---
140	CORRIDOR	SF-2	RB	EMU	EMU	ACT-1	9'-4"	
141	CYCLE ERGOMETRY	GPT-1	RB	DW	DW	ACT-1	9'-0"	
141A	TEST	GPT-1	RB	DW	DW	ACT-1	9'-0"	
141B	TEST	GPT-1	RB	DW	DW	ACT-1	9'-0"	
141C	TEST	GPT-1	RB	DW	DW	ACT-1	9'-0"	
141D	TEST	GPT-1	RB	DW	DW	ACT-1	9'-0"	
141E	TEST	GPT-1	RB	DW	DW	ACT-1	9'-0"	
141F	TEST	GPT-1	RB	DW	DW	ACT-1	9'-0"	
141G	TEST	GPT-1	RB	DW	DW	ACT-1	9'-0"	
141H	TEST	GPT-1	RB	DW	DW	ACT-1	9'-0"	
141J	OFFICE	GPT-1	RB	DW	DW	ACT-1	9'-0"	
142A	LOUNGE	GPT-1	RB	DW	DW	ACT-1	10'-0"	
142B	JUICE BAR	SF-1	SF-1	DW	DW	ACT-1	10'-0"	
142C	MOUNTAIN CLIMBING	SF-1	SF-1	DW	DW	ES	ES	
142D	STORAGE	VCT	RB	DW	DW	ES	ES	
143	STORAGE	VCT	RB	EMU	EMU	ES	ES	
144	GYMNASIUM	RWD	RB	EMU	EMU	ES	ES	
144A	VESTIBULE	ECON	---	---	---	---	---	---
201	CORRIDOR	CPT-1	---	---	---	---	---	---
202	MECHANICAL	VCT	---	---	---	---	---	---
203	ELECTRICAL	---	---	---	---	---	---	---
204	MECHANICAL	---	---	---	---	---	---	---
205	MESSAGE	CPT-1	RB	EMU/DW	EMU/DW	EMU	ACT-1	---

GEN. NOTE: ALL MANUFACTURERS LISTED ARE FOR BASIS ONLY. EQUALS WILL BE GIVEN CONSIDERATION

FLOORING:
 VCT VINYL COMPOSITE TILE: ARNSTROM IMPERIAL
 CWH CONCRETE WITH HARDENER
 CPT-1 CARPET: MANNINGTON COMMERCIAL CARTHAGE 26, COLOR = NAUTICA (NAUT)
 CPT-2 LEFS, COMMERCIAL CARPETS, COMMERCIAL BROAD LOOM
 STYLE: PEBBLE WEAVE II
 PATTERN: DF 506
 COLOR: 104 PEACH TREE

WALL:
 EMU EXISTING CMU, PAINTED TO MATCH DEVOTE COLOR #2H55G NARCISSUS
 NMU NEW CMU, PAINTED TO MATCH DEVOTE COLOR #2H55G NARCISSUS
 WVC-1 ESSEX 54 TYPE II SEVERIN NAUTURE #SP40-20
 WVC-2 ESSEX 54 TYPE II SEVERIN PEACH #SP40-03
 EPP EXISTING PLASTER PAINTED TO MATCH DEVOTE COLOR #2H55G NARCISSUS
 PW PREFAB WOOD NOT USED

CEILING:
 ACT-1 ACOUSTICAL TILE CEILING: ARNSTROM CORTEGA 2 X 2 GRID AND TILE, GREW COLOR
 ACT-2 ARNSTROM 2 X 2 W.P. TILE IN GRID CREAM COLOR
 GWP GYPSUM WALLBOARD WATER PROOF, PLYWOOD MATCH DOOVE 2H55G NARCISSUS

BASE:
 RB ROPPE #98 WORY RUBBER COVE BASE
 PCT-B GROSSVILLE CERAMICS 6"(H) X 8"(W) COVED GROSSCOLORS LINE, COLOR A430 BERYL UP III USE CTG-1 (NOT TEXTURED STONE)

CTB-1 CTB-1 DAL TILE D - 727 SHELL COVERED WITH BULL NOSE TOP. USE CTG-3

SF-B1 SPECIALTY FLOORING HEAVYWEIGHT MATERIAL, 12" HIGH ALONG WALL INTERLOCK HIDDENLOCK 9/16" GREY

SF-B2 SPECIALTY FLOORING LIGHTWEIGHT 6 COVE TO MATCH SF-2

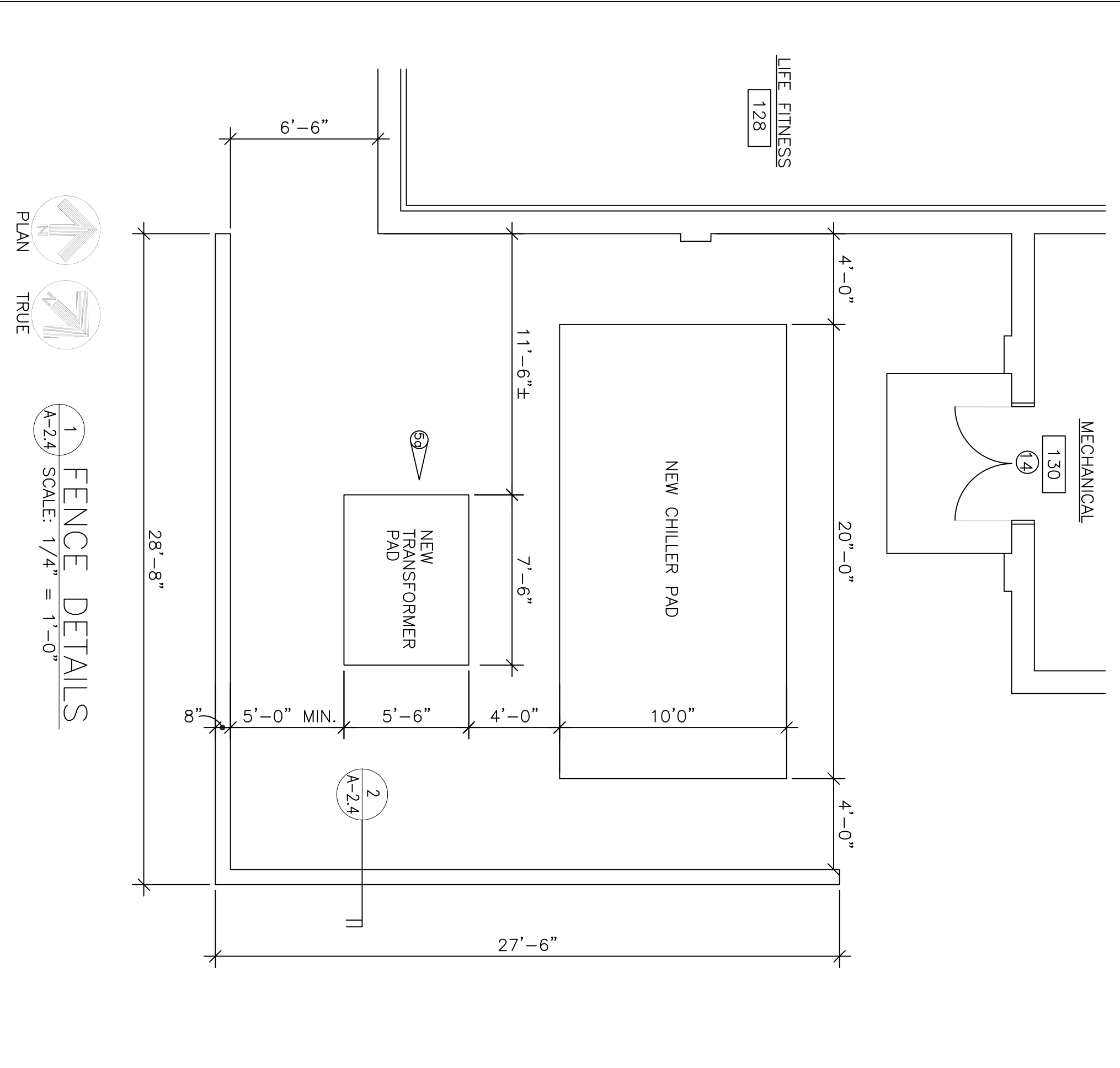
SF-B3 SPECIALTY FLOORING LIGHTWEIGHT 6" COVE TO MATCH SF-3

CTB-2 DAL TILE SOFTONES D1415 FLEECE USE WITH CTG-3 AND W/BULLNOSE TOP AS REQUIRED

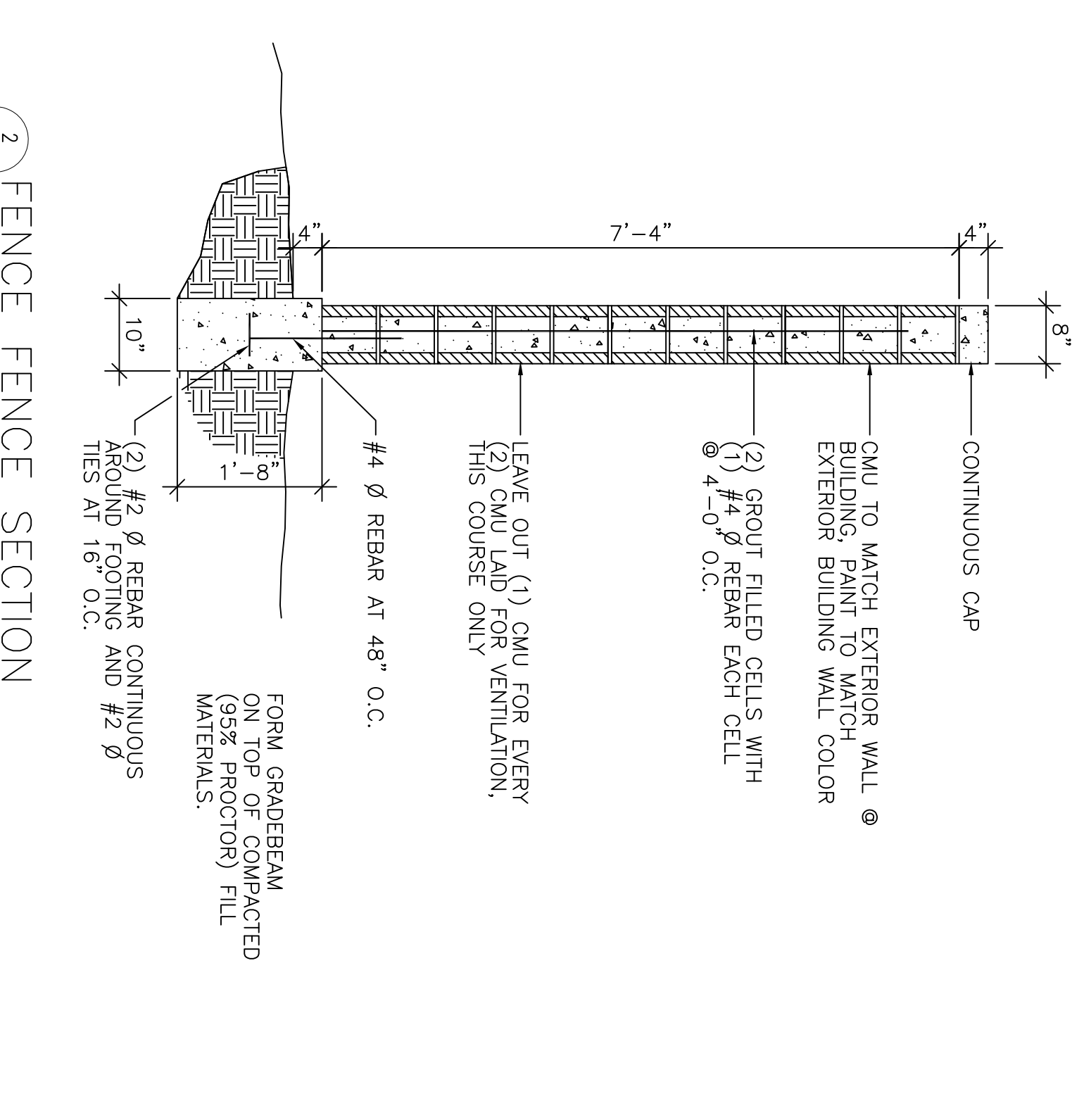
PL-6 CHEEKOUT RM 105 CABINETRY

DOORS/CABINETRY:
 A. DOORS SHALL BE SOLID CORE WOOD WITH STAIN GRADE OAK, FACTORY PREFINISHED TO COLOR (2) CMU LAD FOR VENTILATION, FINISH COORDINATION)
 B. CHECK OUT ROOM 105, EXTERIOR EXPOSED CABINETRY SURFACES SHALL BE PLASTIC LAMINATED, HIGH DENSITY PARTICLE BOARD, COLOR SELECTED BY ARCHITECT FROM MANUFACTURER'S SAMPLES.

REMARKS
 1. PATCH AND PAINT AS REQUIRED
 2. MARBLE THRESHOLD AT TRANSITIONS BETWEEN SOFT FLOORING AND HARD TILES
 3. CERAMIC TILE ACCENT
 4. CT WAINSCOT HEIGHT VARIES. SEE SECTIONS.
 5. WP 2 X 2 CEILING TILE
 6. CLIPS TO HOLD DOWN CEILING TILE AT LOBBY & VESTIBULES
 7. DOOR FRAMES SHALL BE PAINTED WITH SEMI-GLOSS ENAMEL, PAINT TO MATCH ROPPE BASE #98 WORY
 8. BLINDS TO MATCH GRABBER COLOR #100 VANILLA
 9. ALL BULKHEADS WILL HAVE PAINT OR WVC ON VERTICAL SURFACES PER SCHEDULES ABOVE.
 10. HORIZONTAL SHALL BE PAINTED TO MATCH DEVOTE #2H55G NARCISSUS.
 11. DUCTWORK LIKELY TO BE REQUIRED TO BE LOCATED ABOVE EXISTING ROOF.
 12. HOLD CERAMIC TILE 2" BACK FROM BULL NOSE CMU OPENING
 13. INTERIOR AND EXTERIOR WALL PANEL MATERIAL IN LIGHT BEIGE COLOR. SUBMIT SAMPLE FOR APPROVAL. CEILING WILL BE WHITE SOFFIT PANEL TO MATCH PANEL (NONVENTED) AT EXTERIOR OF BLDG.



1 FENCE DETAILS
 Scale: 1/4" = 1'-0"



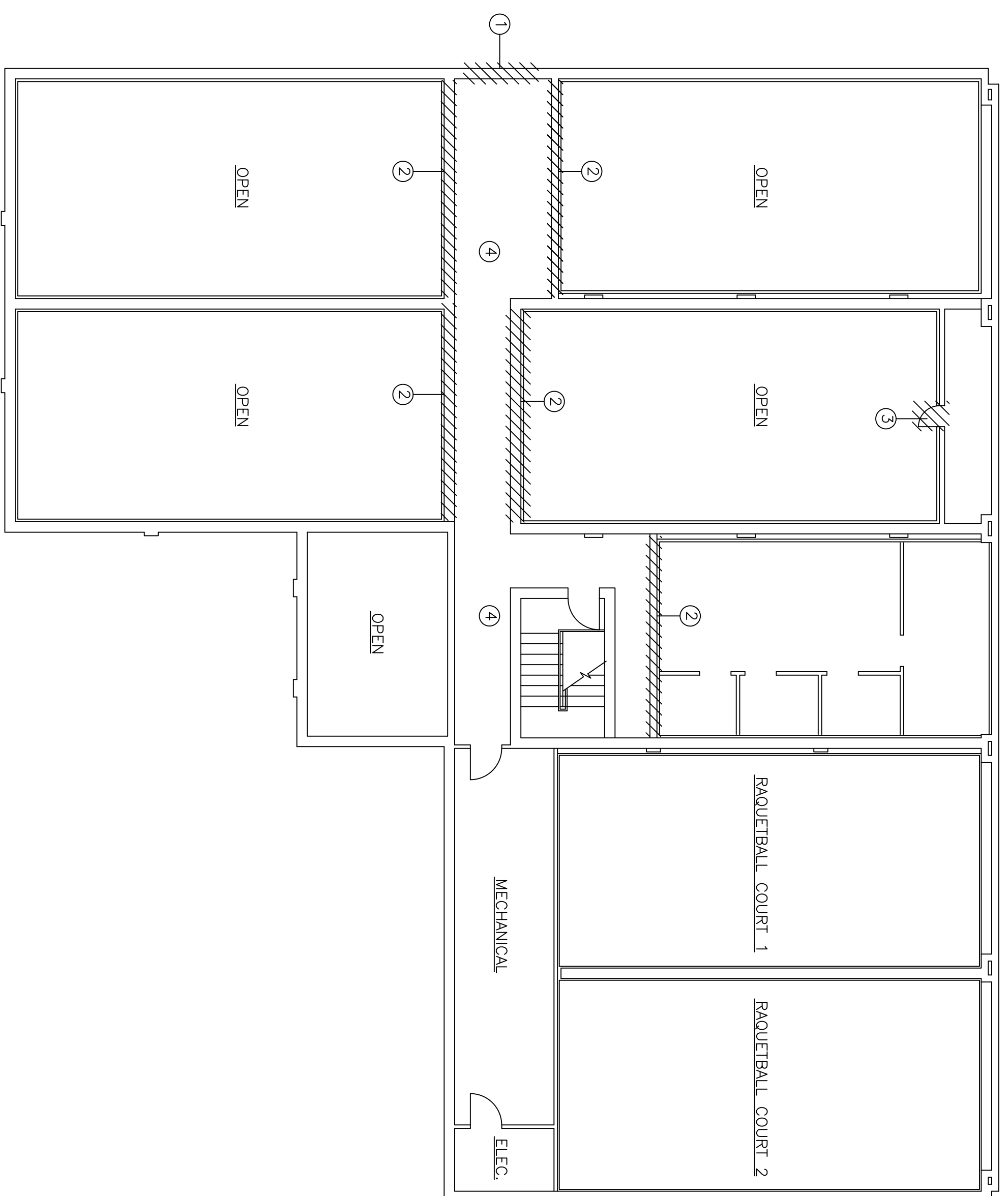
ADD/ALT/RPPR PHYSICAL FITNESS CENTER ROOM SCHEDULE AND SITE DETAILS FOR CHILLER PDD

SHIT. REF. A-2.4

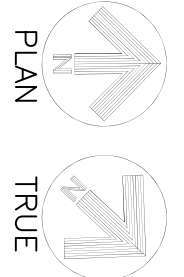
CHIEF ENGINEER	CIVIL ENGINEER	SHEET
DRAWN BY SHIN	DESIGNED BY MD	DATE 9 JUN 95
PROJECT NO. FEV 93-10054	DRAWING NO. HF 94-027	SCALE 8 OF 35

REV	DATE	DESCRIPTION	SNS	PTG
1	8/25/95	ADDENDUM #5 CLARIFICATIONS/CORRECTIONS		

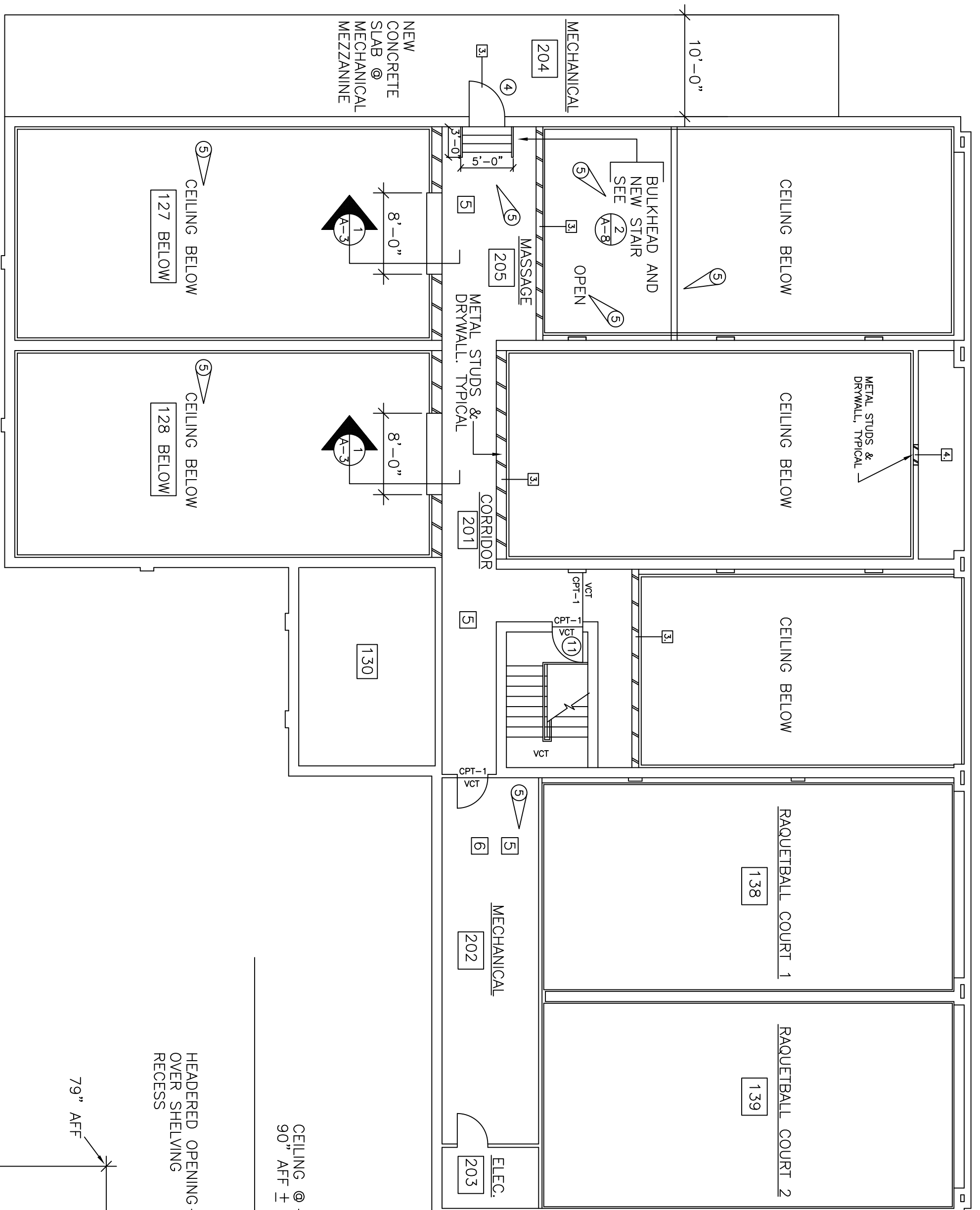
APPROVED



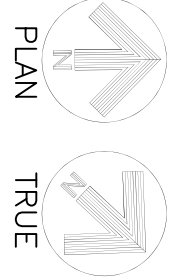
SECOND FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



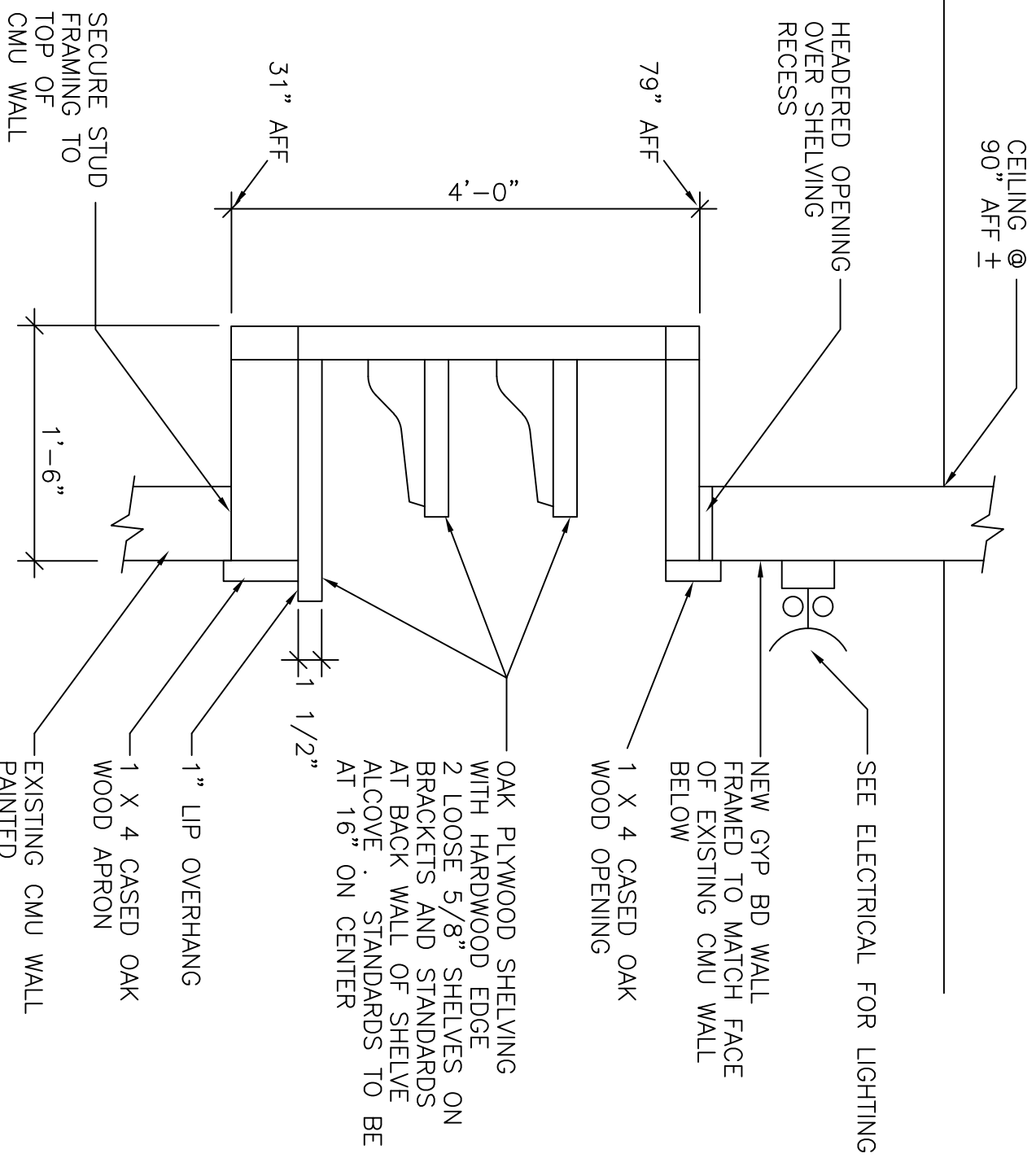
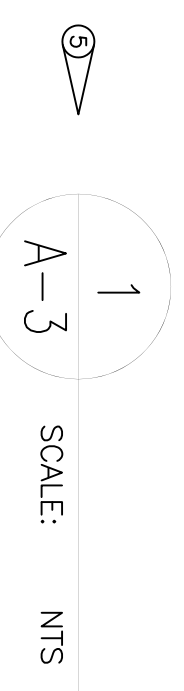
- ① REMOVE EXISTING CONCRETE MASONRY UNITS TO STRUCTURAL CONCRETE BEAM, TOOTH MASONRY AT OPENING TO ACCOMMODATE INSTALLATION OF NEW DOOR AND FRAME.
- ② REMOVE EXISTING SCREENS, GUARDRAILS, ETC. AT OVERLOOK OPENING TO ACCOMMODATE NEW WALL CONSTRUCTION.
- ③ REMOVE EXISTING DOOR AND FRAME.
- ④ REMOVE EXISTING CEILING TILE, GRID, AND SUPPORT FRAMING AS REQUIRED TO ACCOMMODATE NEW PRING INSTALLATION WITH NEW CEILING TIGHT TO DUCTWORK FOR MAXIMUM HEADROOM.



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



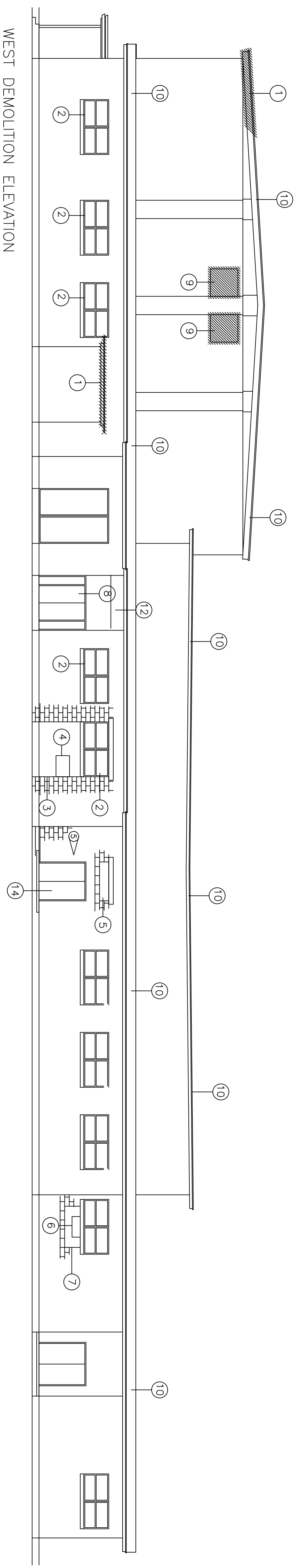
- ① INSTALL NEW DOOR FRAME AND HARDWARE TO NEW MECHANICAL PLATFORM.
- ② REINFORCE EXISTING BART JOIST AND INSTALL NEW CONCRETE MECHANICAL DECK AS SHOWN. SEE STRUCTURAL.
- ③ INSTALL NEW METAL STUD AND DRYWALL CLOSURE WALL AT EXISTING RAQUETBALL OVERLOOK OPENINGS. 5/8" FIRECODE GYP. BD. WALL FLUSH WITH EXISTING FINISH WALL OR TRIM. PROVIDE GYP. BD. GROUND (TRIM) AT PERIMETER. CAULK AND PAINT TO MATCH EXISTING. SEE DETAIL 1/A3 FOR SHELVING.
- ④ INFILL DOOR OPENING TO MATCH EXISTING WALL.
- ⑤ INSTALL NEW CEILING TILE AND GRID IN THIS AREA TO ACCOMMODATE PRING INSTALLATION. CORRIDOR 201 & 205 WILL HAVE WALL MOUNTED LIGHTING UNITS... CEILING TO BE TIGHT TO DUCTWORK.
- ⑥ REPAIR/SECURE EXISTING VCT FLOORING.



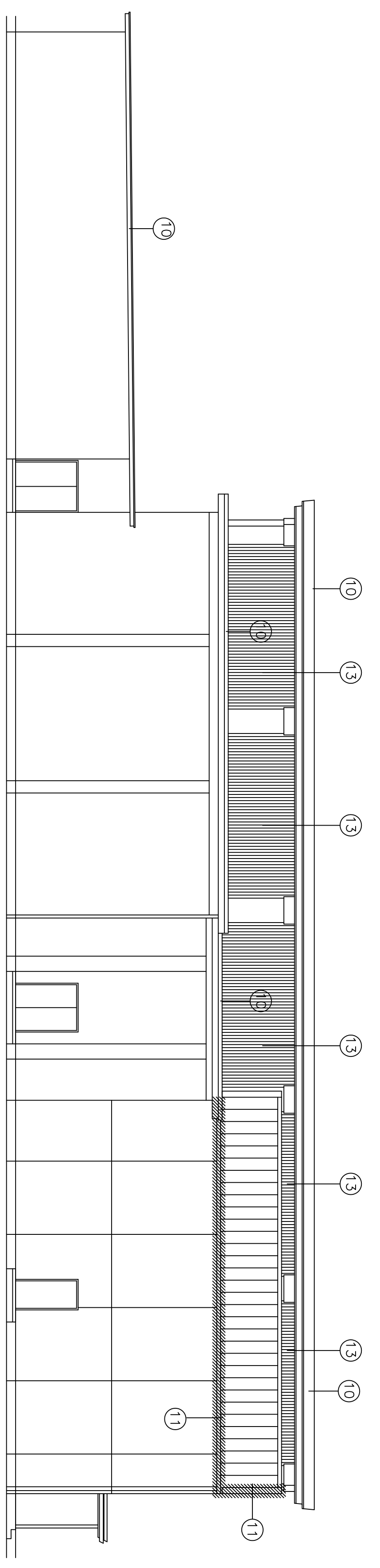
REV	DATE	DESCRIPTION	SIS	PTG
③	8/25/95	ADD/ALT/PPR AIR FORCE SPECIAL OPERATIONS COMMAND		

ADD/ALT/PPR
PHYSICAL FITNESS CENTER
BLDG. NO. 90232
SECOND FLOOR PLAN/SECOND FLOOR
DEMOLITION PLAN

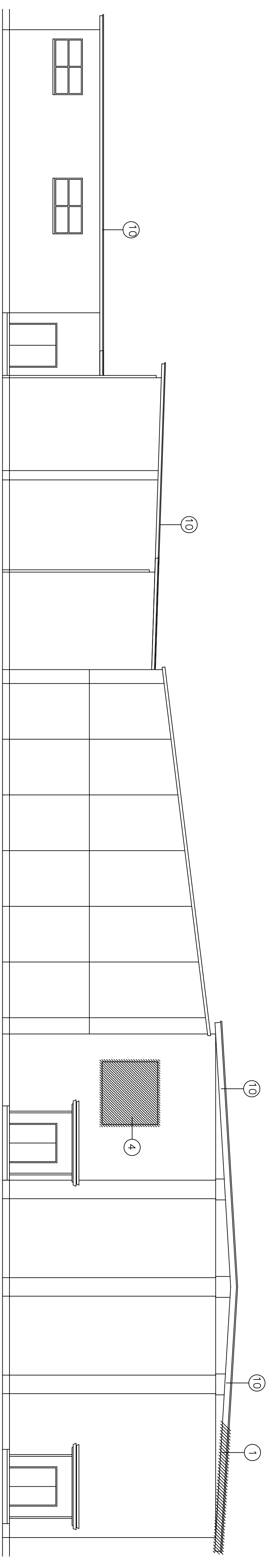
SHIT. REF.	A-3	CHEF ENGINEER	DESIGNED BY	J.M.R.	DATE	6 JUN 95	SHEET	9 OF 35
DRAWN BY	T.R.F.	CIVIL ENGINEER	PROJECT NO.	FEV 93-10054	DRAWING NO.	HF 94-027	SCALE	AS NOTED
AS NOTED		APPROVED						



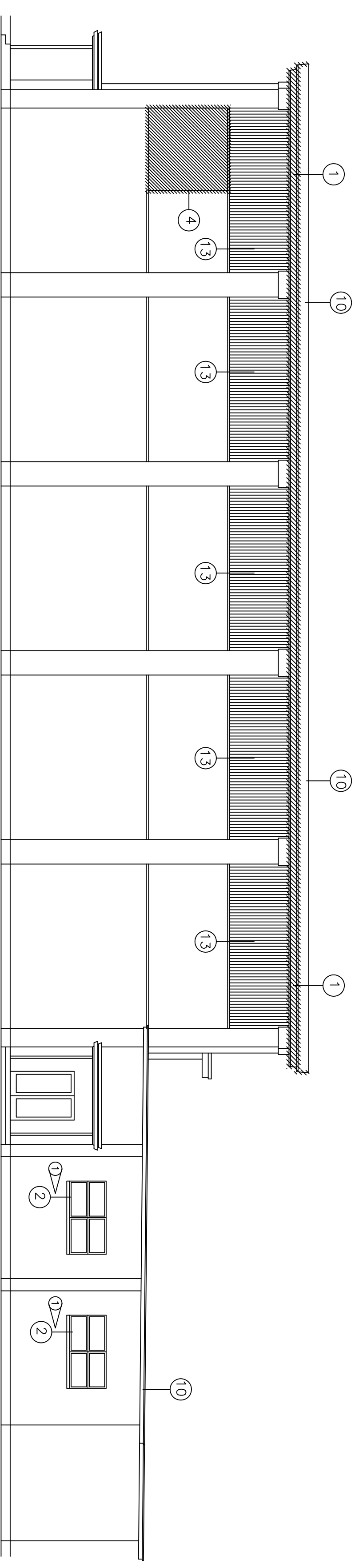
WEST DEMOLITION ELEVATION
ONE EIGHTH INCH EQUALS ONE FOOT



SOUTH DEMOLITION ELEVATION
ONE EIGHTH INCH EQUALS ONE FOOT



EAST DEMOLITION ELEVATION
ONE EIGHTH INCH EQUALS ONE FOOT



NORTH DEMOLITION ELEVATION
ONE EIGHTH INCH EQUALS ONE FOOT

EXISTING ELEVATION DEMOLITION NOTES

- ① REMOVE EXISTING EXTERIOR FRAMING AND FASCIA AS REQUIRED TO INSTALL NEW EXISTING AND FRAME.
- ② REMOVE EXISTING WINDOW SASH.
- ③ REMOVE EXISTING SILL WALL BELOW WINDOW OPENING. TOOTH MASONRY AS REQUIRED FOR NEW WALL-CLED OPENING.
- ④ DEMOLISH EXISTING LOUVER.
- ⑤ REMOVE EXISTING C.M.U. WALL. TOOTH MASONRY AS REQUIRED FOR NEW LOUVER OPENING.
- ⑥ REMOVE EXISTING THRU WALL OPENING.
- ⑦ DEMOLISH EXISTING C.M.U. WALL TO ACCOMMODATE NEW THRU-WALL UNIT.
- ⑧ REMOVE EXISTING DOORS AND FRAMES.
- ⑨ REMOVE EXISTING FRAMES AND LOUVERS.
- ⑩ REMOVE EXISTING ROOFING GRAVEL, SURFACE FEELS, AND INSULATION TO BE REPAIRED OR MODIFIED DEPENDING TO ACCOMMODATE INSTALLATION OF NEW ROOFING.
- ⑪ REMOVE EXISTING METAL ROOF PANEL, GUTTER AND TRIM AS REQUIRED TO INSTALL NEW RETROFIT FRAMING SYSTEM.
- ⑫ REMOVE EXISTING NEW CONSTRUCTION AND FURNISH CHANNELS AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
- ⑬ REMOVE CORRUGATED TRANSITE PANELS AND ASSOCIATED TRIM.
- ⑭ REMOVE CORRUGATED TRANSITE PANELS FOR BOILER (REMOVED UNDER ADDENDUM #3 AS SHOWN ON SHEET K-1).

REV	DATE	DESCRIPTION	DRWN	APPR'D
③	7/21/94	ADDENDUM #5	SKS	PGC
②	7/17/94	REMOVE TRANSITE PANELS	SKS	PGC
①	8/31/94	NORTH ELEV. WINDOWS	DM	DM

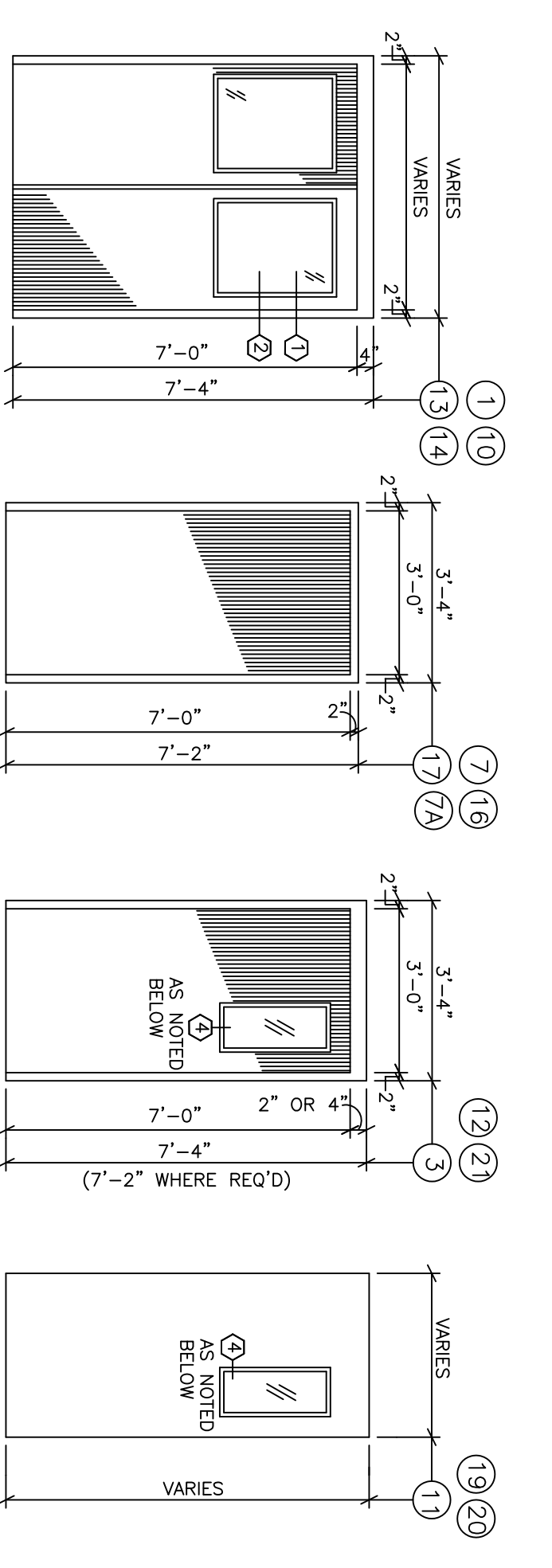
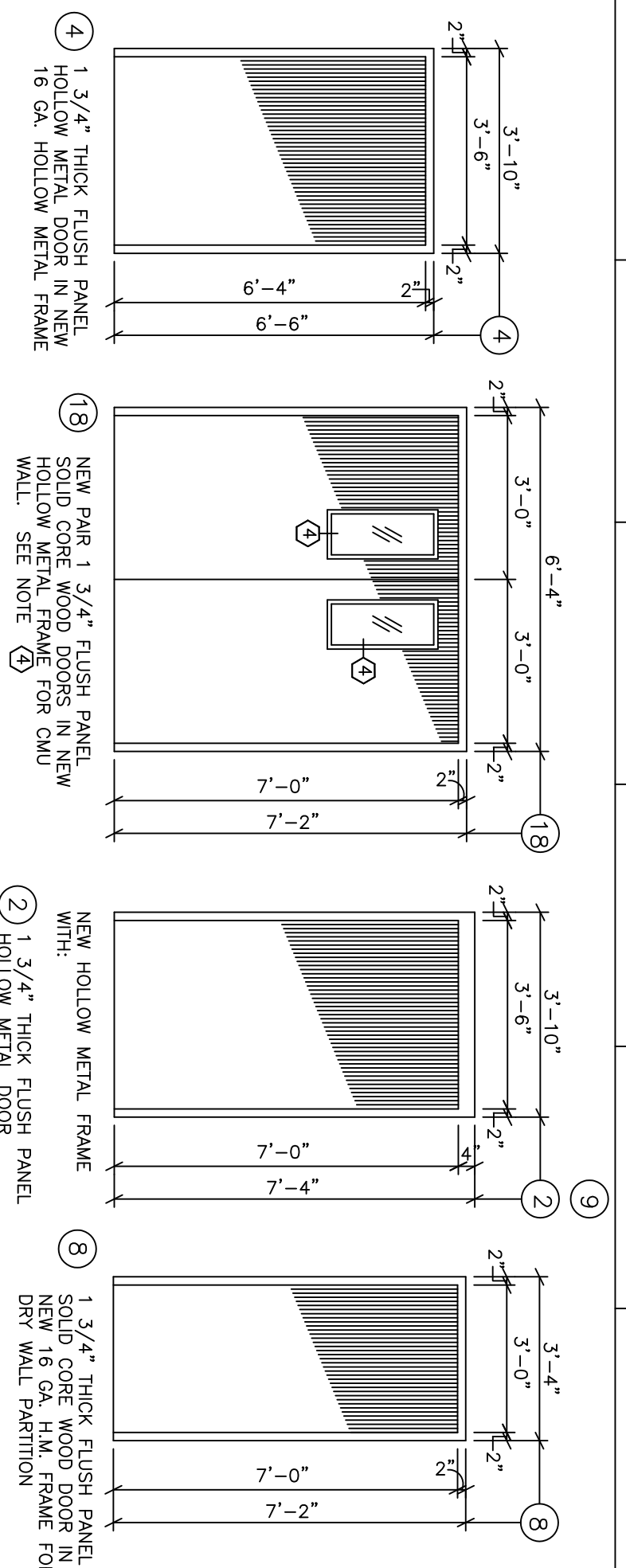
AIR FORCE SPECIAL OPERATIONS COMMAND
ADD/ALT/PPR
PHYSICAL FITNESS CENTER
BLDG. NO. 90232
DEMOLITION - ELEVATION

SUBMITTED		APPROVED	
CHIEF ENGINEER	DESIGNED BY	CIVIL ENGINEER	DATE
J.M.R.	J.M.R.		31 MAY 1994
SHEET	PROJECT NO.	DRAWING NO.	HF 94-027
10 OF 35	FEB 93-1005A		
SCALE	FEB 93-1005B		
AS NOTED			

A 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

B C D E F G H I J K L M N

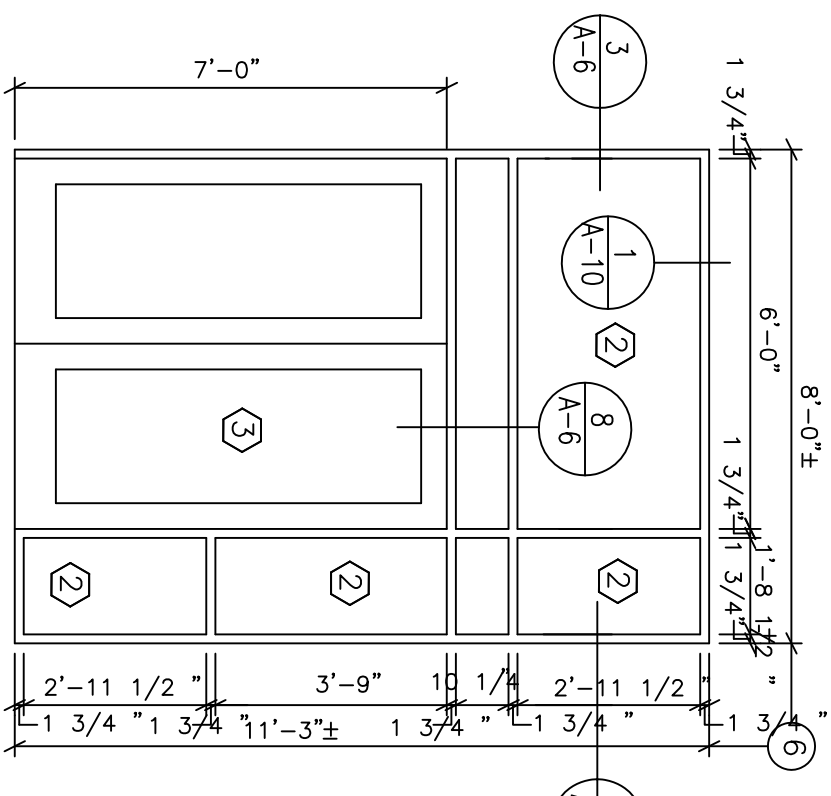
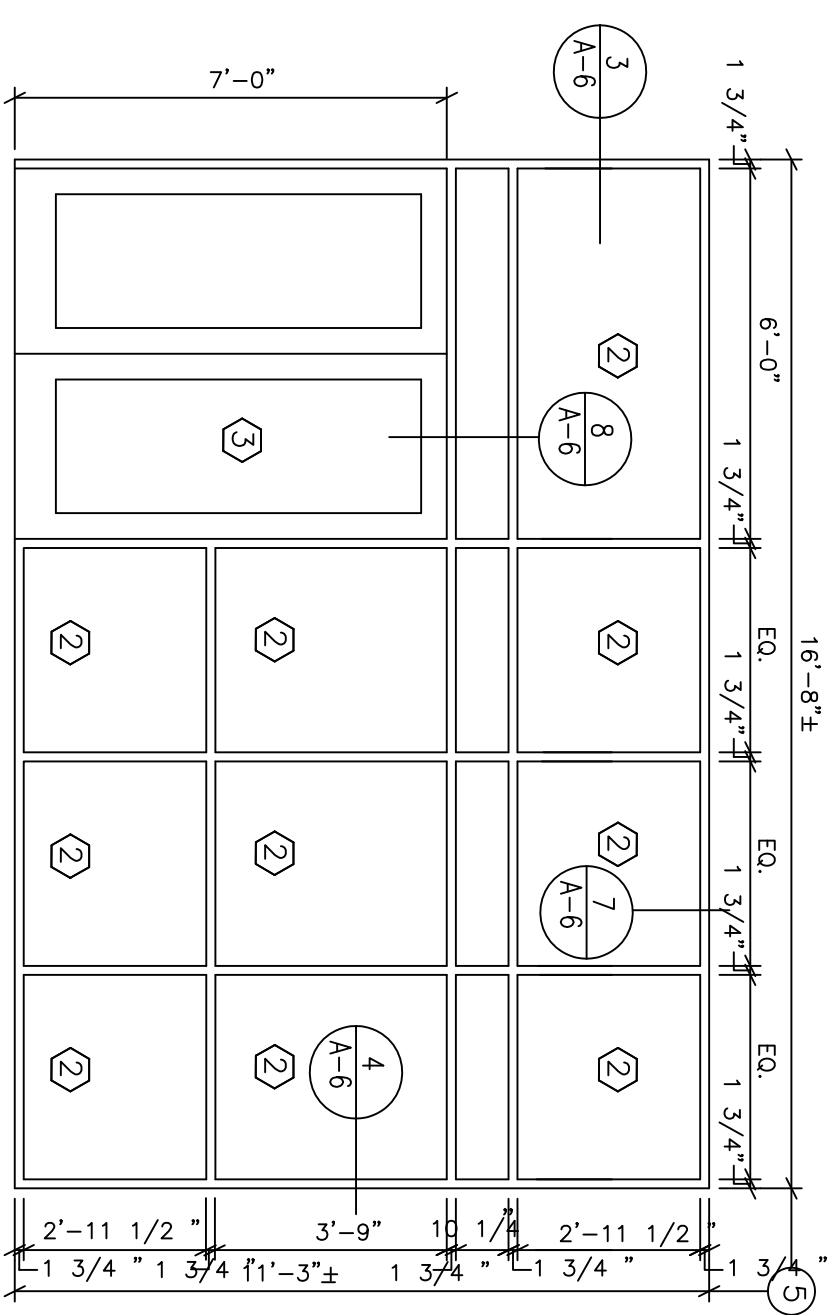
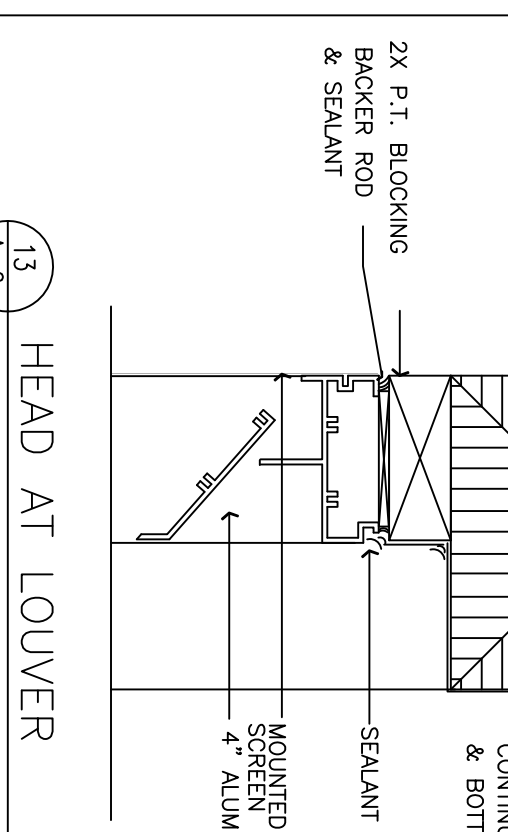
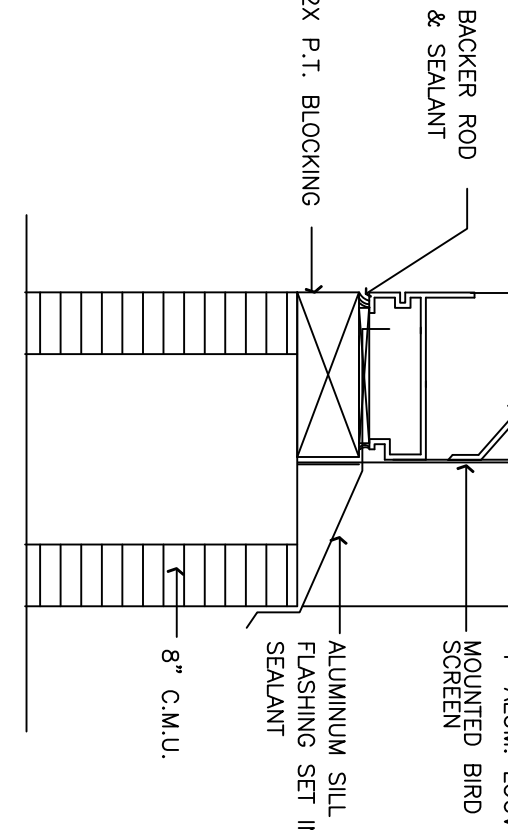
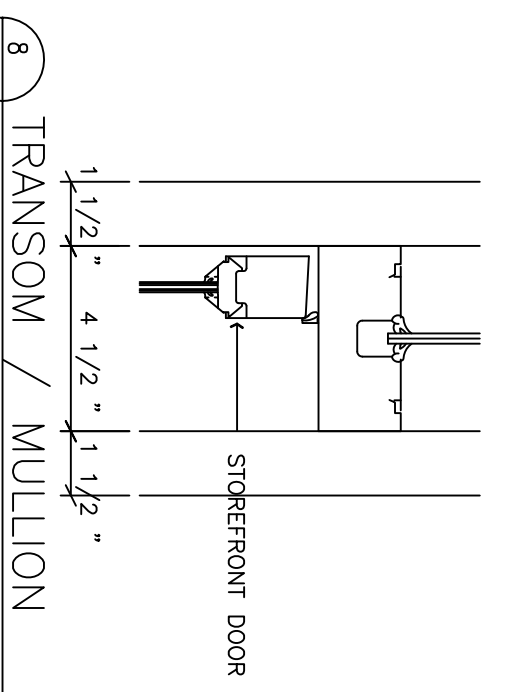
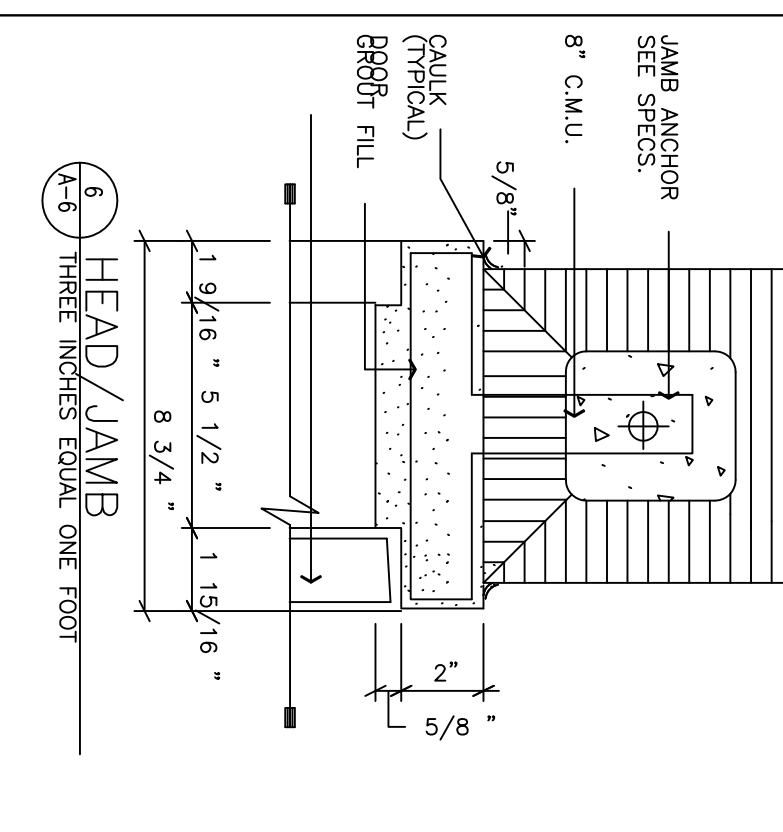
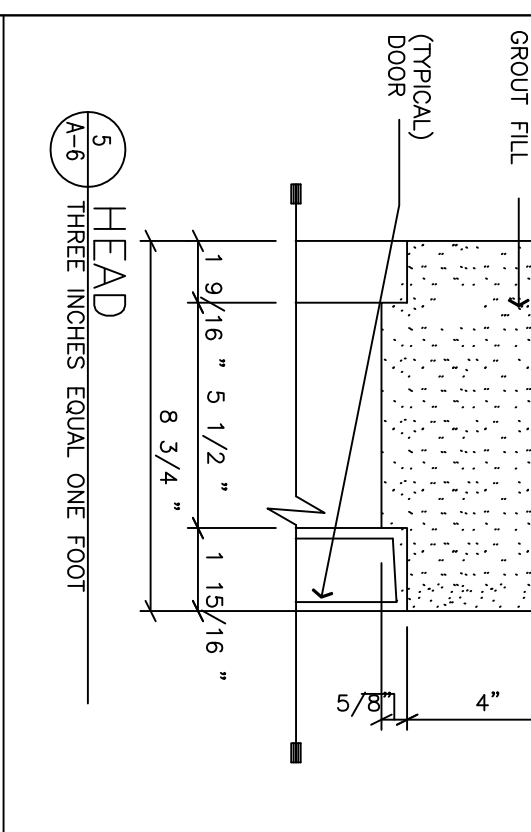
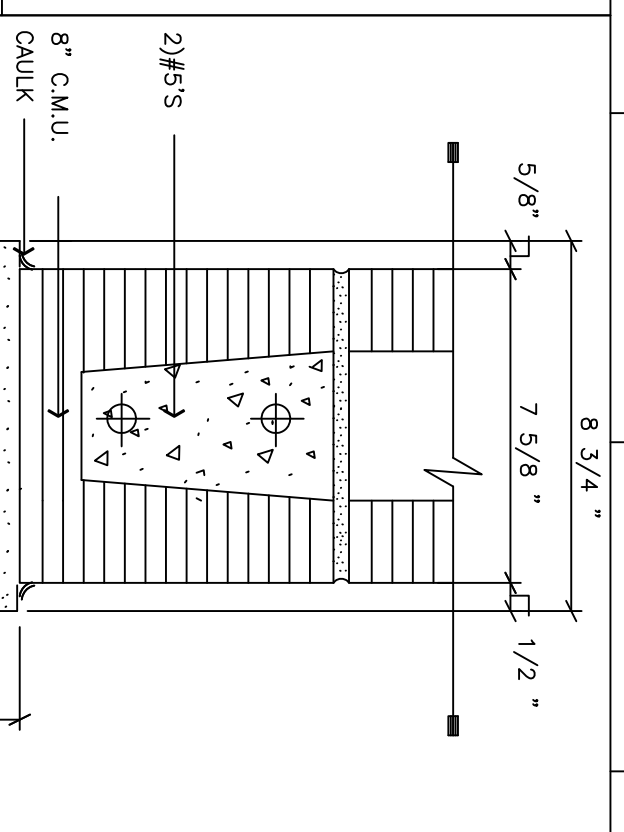
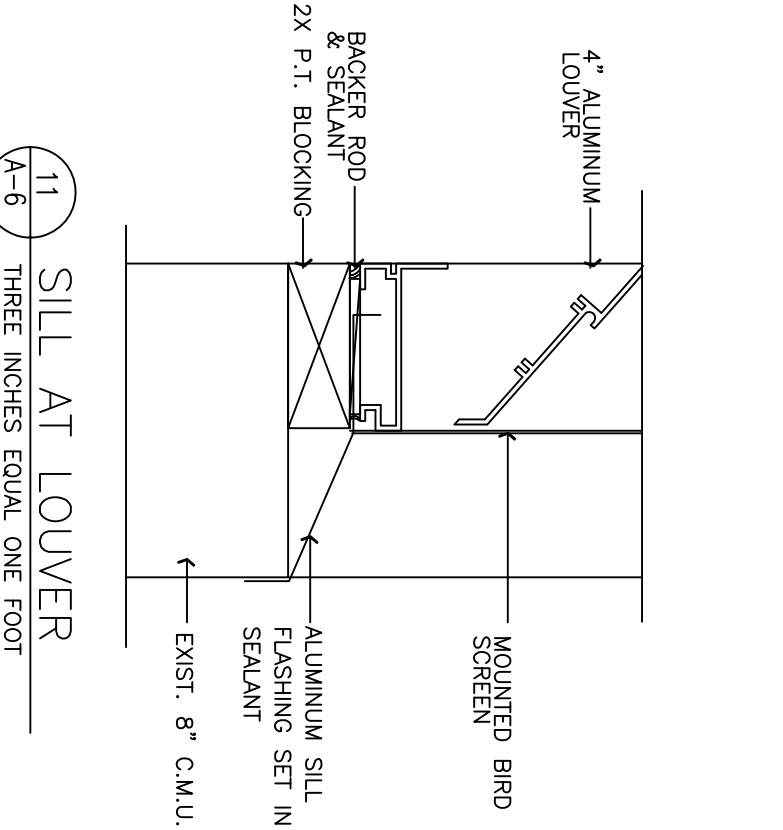
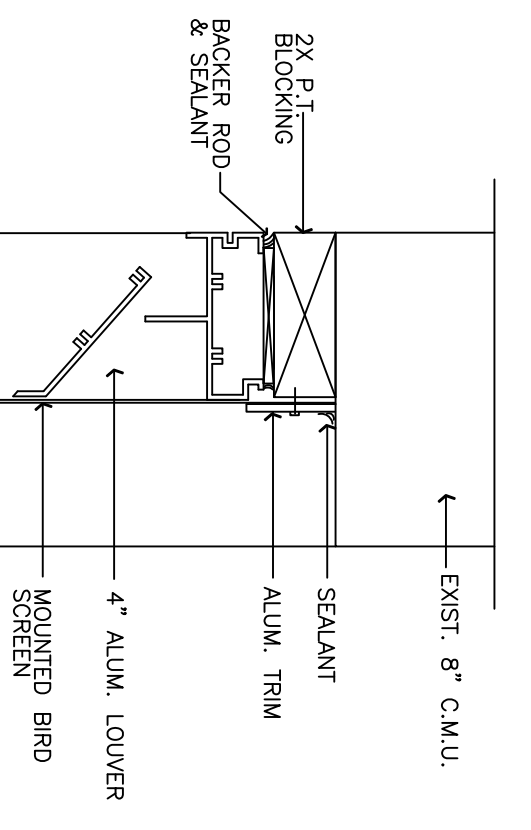
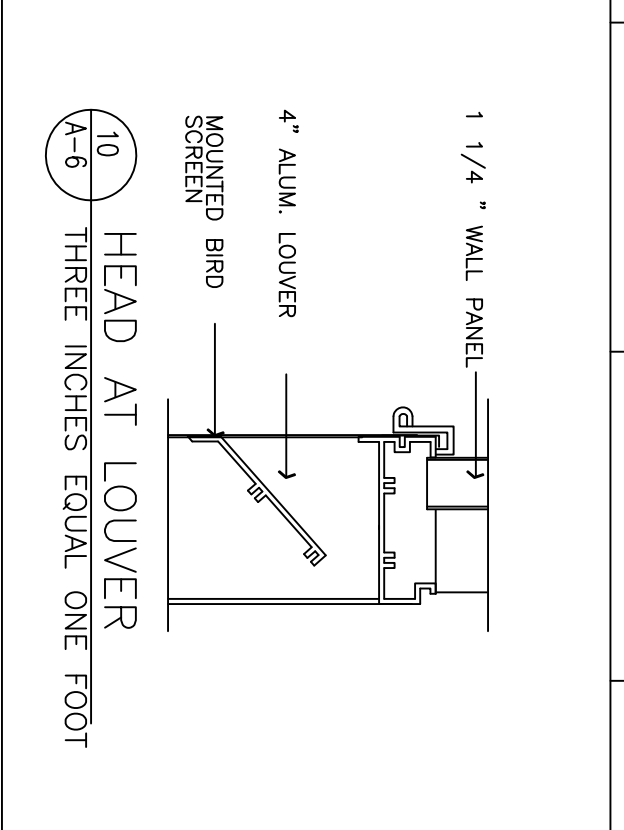
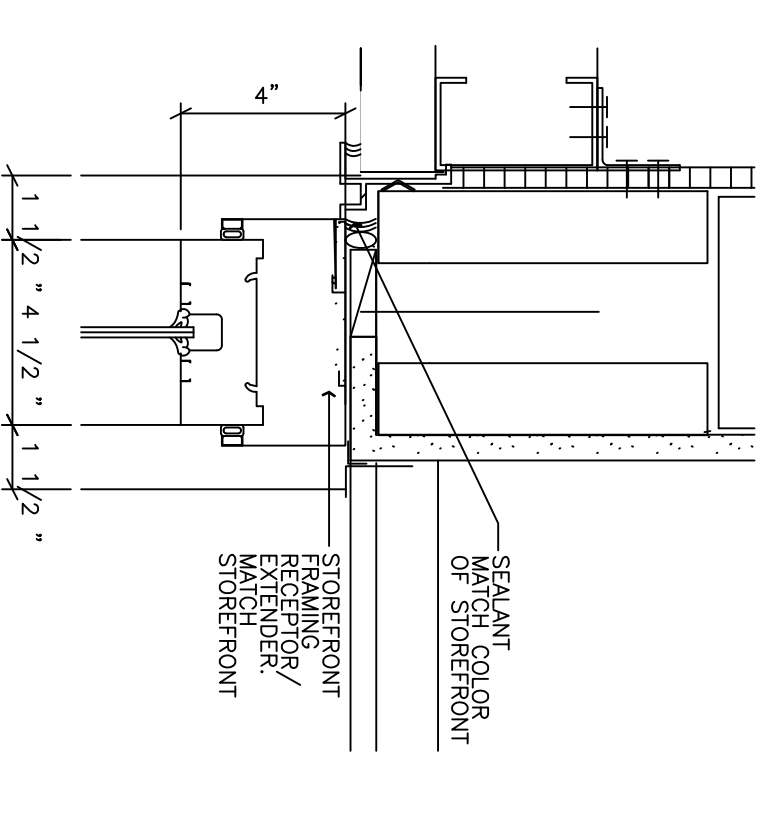
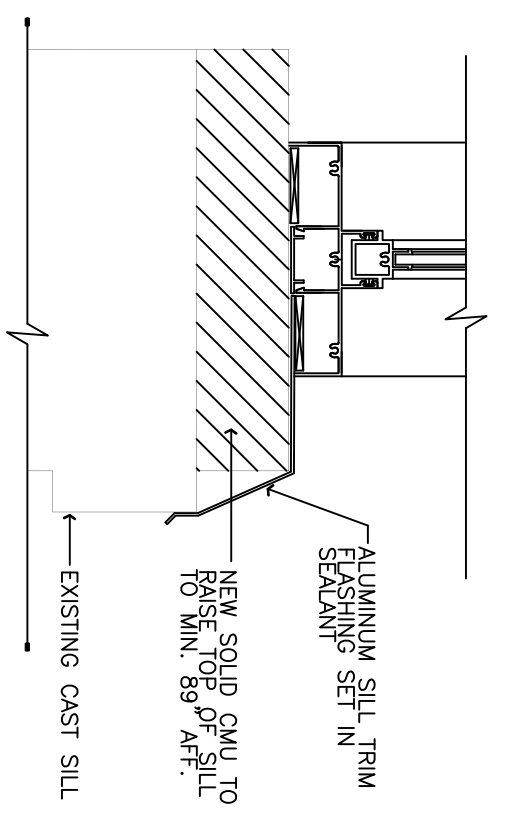
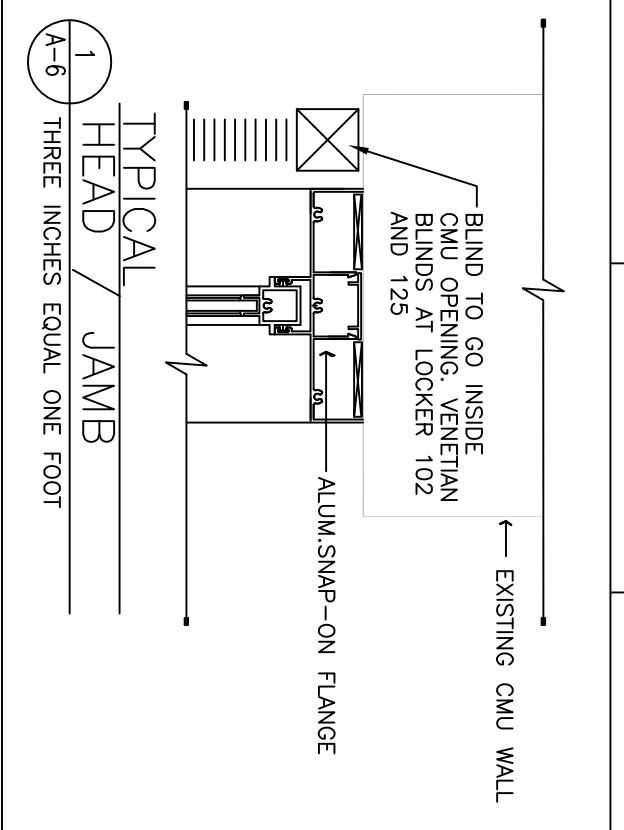
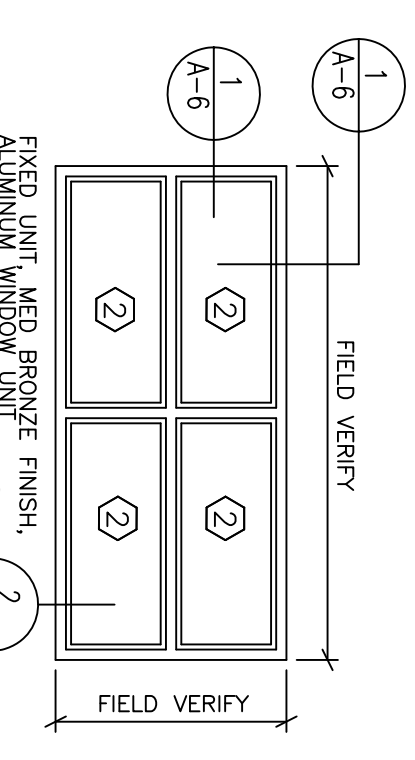
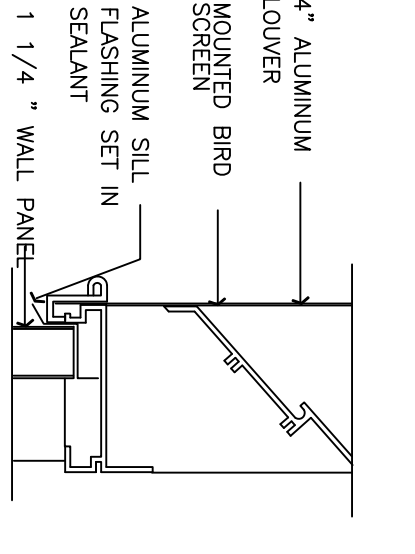
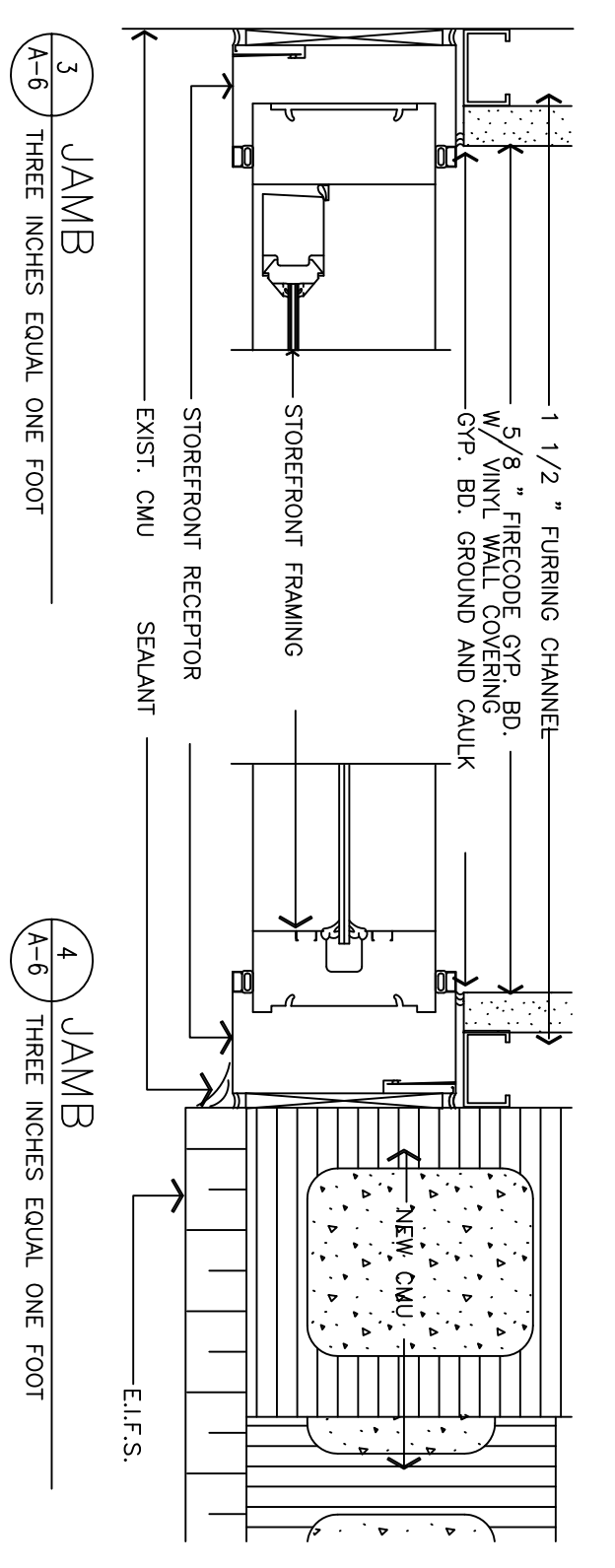
SHT. REF.
A-4



HOLLOW METAL DOOR & FRAME SCHEDULE
 THREE EIGHTH INCHES EQUAL ONE FOOT
 NOTE: SEE DOOR & HARDWARE SCHEDULE LISTED WITH ADDENDUM #5 ON SHEET A-7.

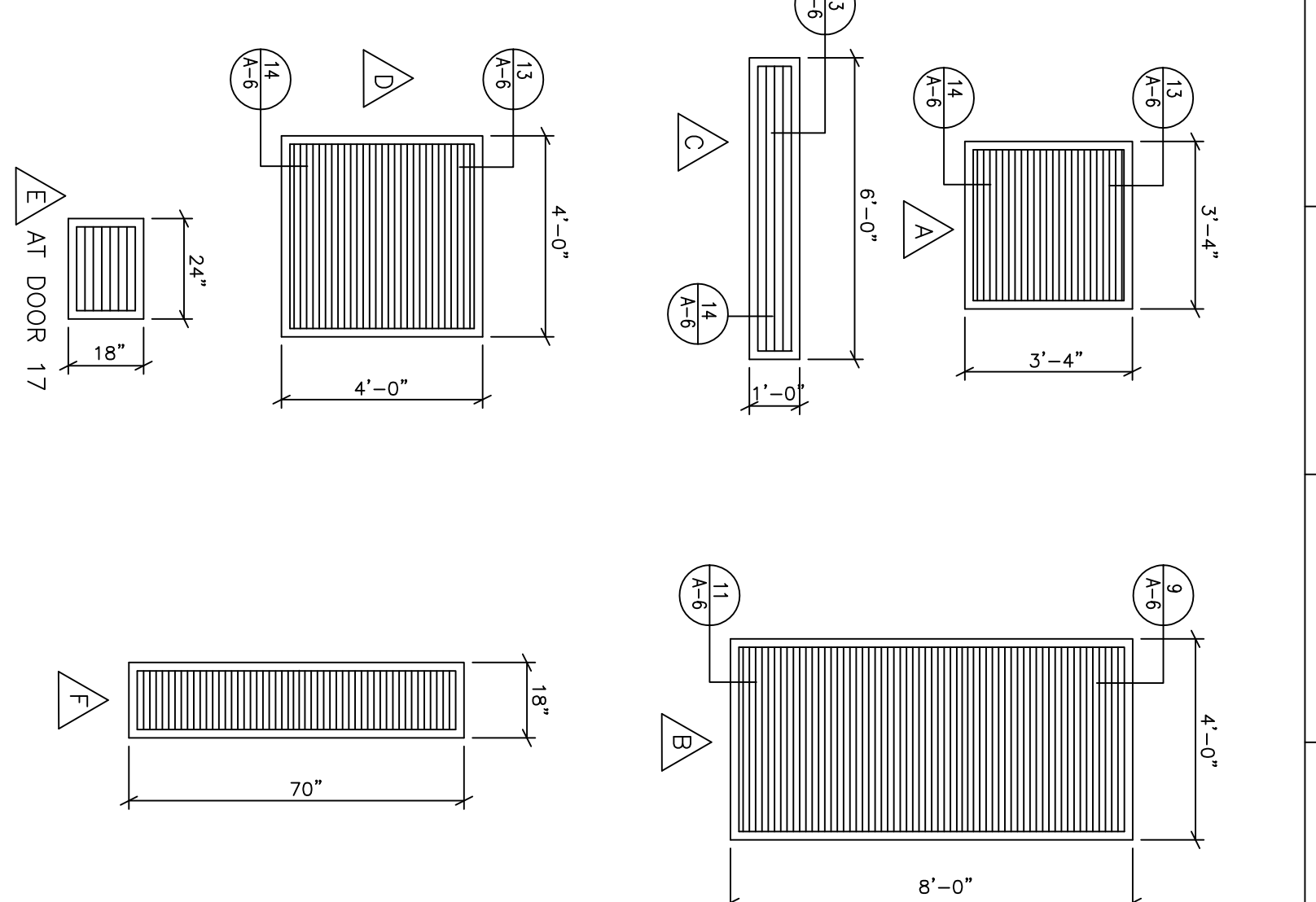
GLAZING NOTES

- 1 1/4" SAFETY GLASS AT POORS FROM CMU TO VESTIBULE #101, CORRIDOR #106A, AND FROM CORRIDOR #121 TO VEST 121A.
- 2 1" INSULATING GLAZING, 1/4" BRONZE TINTED OUTBOARD LITE, 1/4" BRONZE TINTED INBOARD LITE, ULTRATE SAFETY GLASS AS SPECIFIED. DOOR @ #101 TO EXTERIOR AND @ 121A TO EXTERIOR.
- 3 3/8" BRONZE TINTED SAFETY GLAZING
- 4 PROVIDE 10" X 25" METAL FRAMED SAFETY GLAZED WINDOW IN EACH LEAF



ALUMINUM STOREFRONT FRAMING & DOOR SCHEDULE
 THREE EIGHTH INCHES EQUAL ONE FOOT
 (SEE GLAZING NOTES AT DOOR SCHEDULE THIS SHEET)

LOUVER SCHEDULE
 THREE EIGHTH INCH EQUALS ONE FOOT

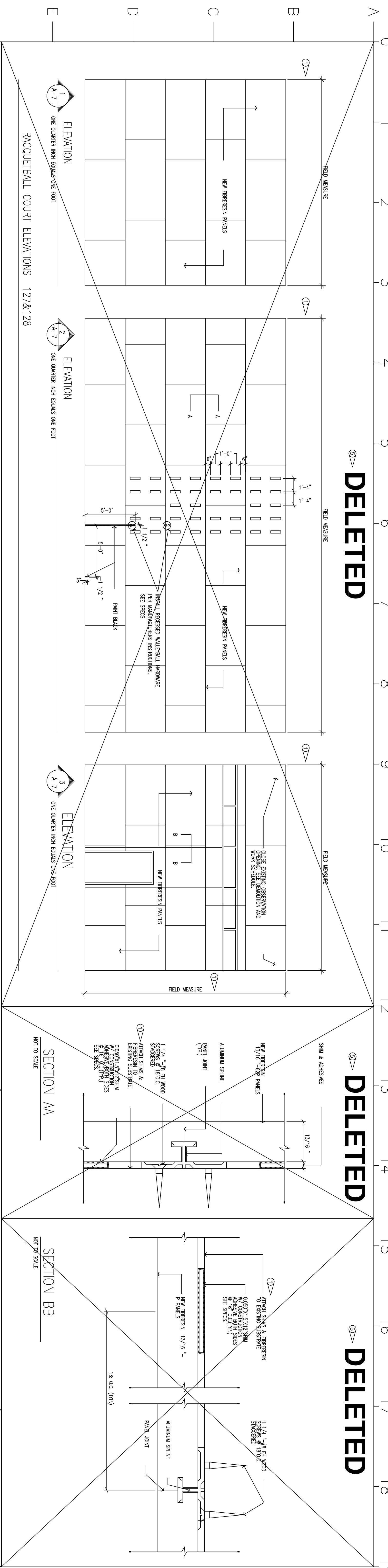


SHIT. REF. A-6	CHIEF ENGINEER DRAWN BY DATE PROJECT NO. FEY 93-10054 HF 94-027	ADDENDUM #5 DESCRIPTION AIR FORCE SPECIAL OPERATIONS COMMAND	NEP PFC DRAWN APPROV
REV 3 DATE 8/25/95	DESIGNED BY JMR DATE 31 MAY 1994	ADD/ALT/PPR PHYSICAL FITNESS CENTER BLDG. NO. 90232 FINISH SCHEDULE/DOOR SCHEDULE/ LOUVER SCHEDULE/DETAILS	SHEET 12 OF 35
SUBMITTED	APPROVED	CIVIL ENGINEER	DATE 31 MAY 1994

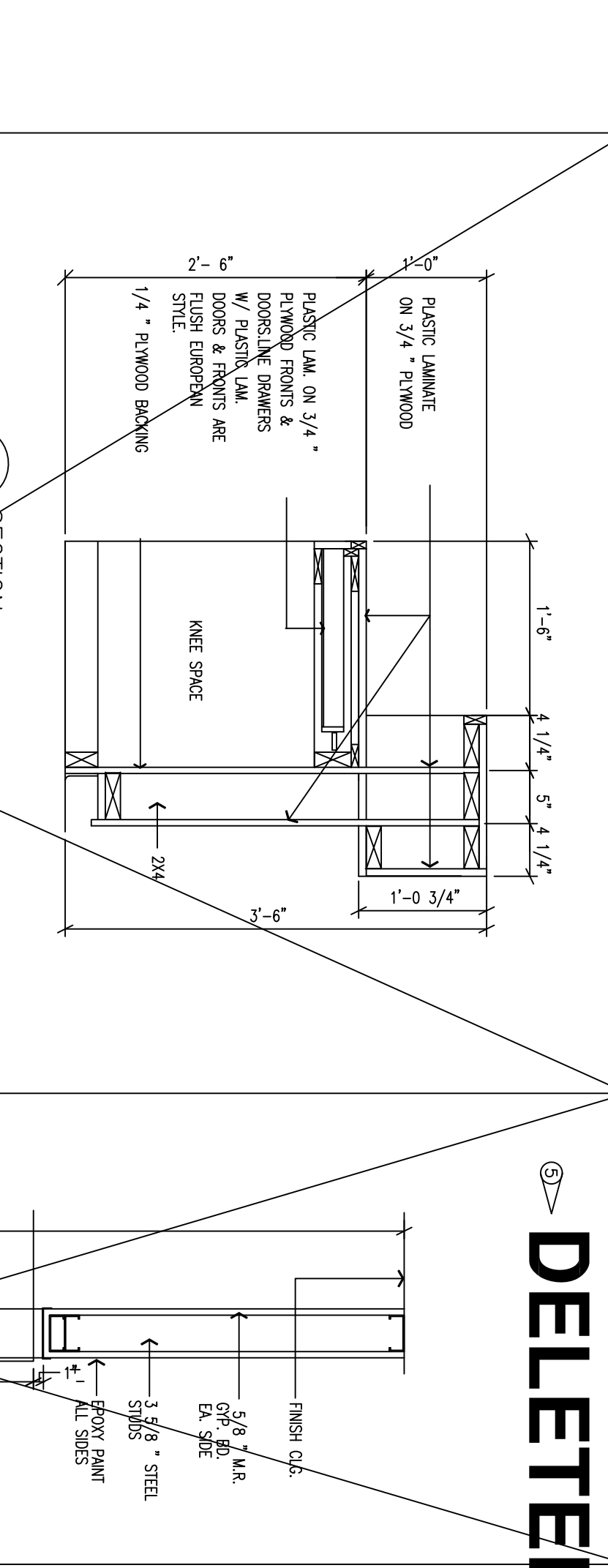
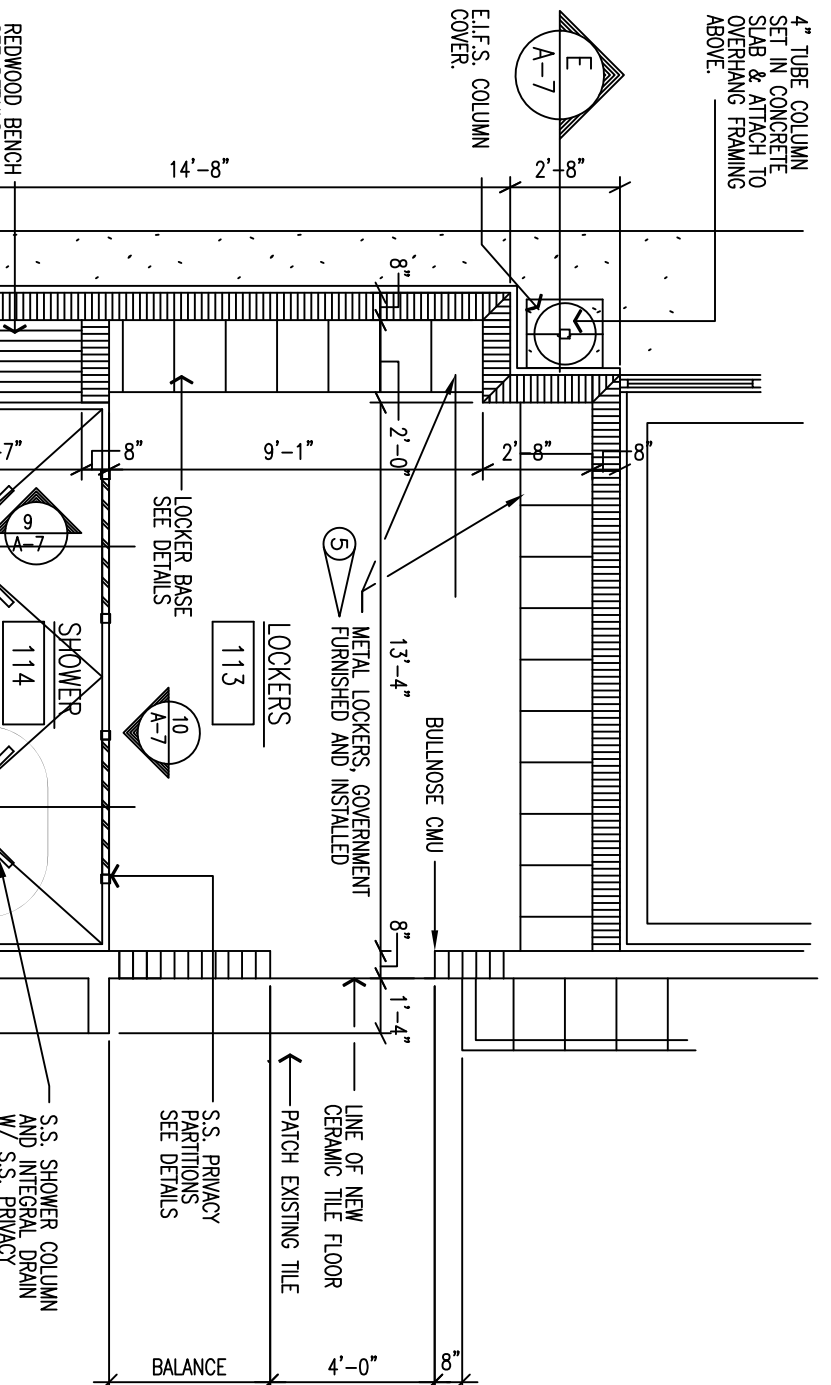
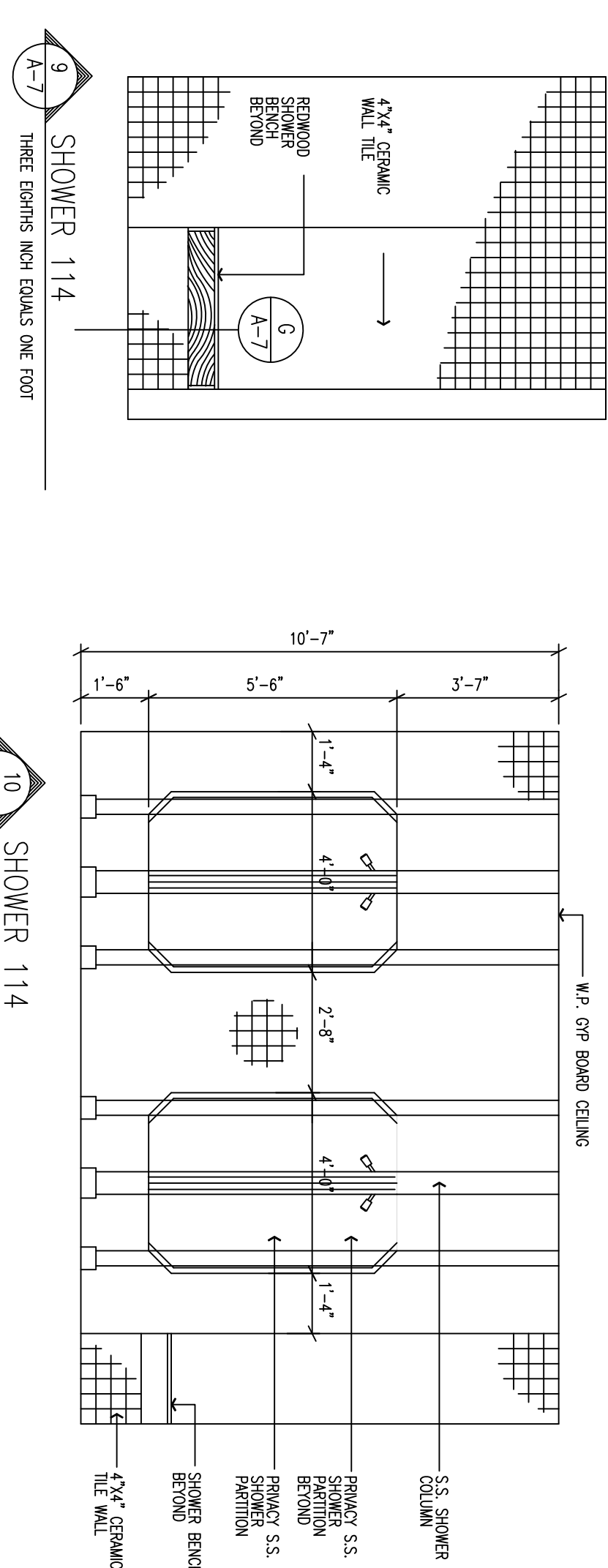
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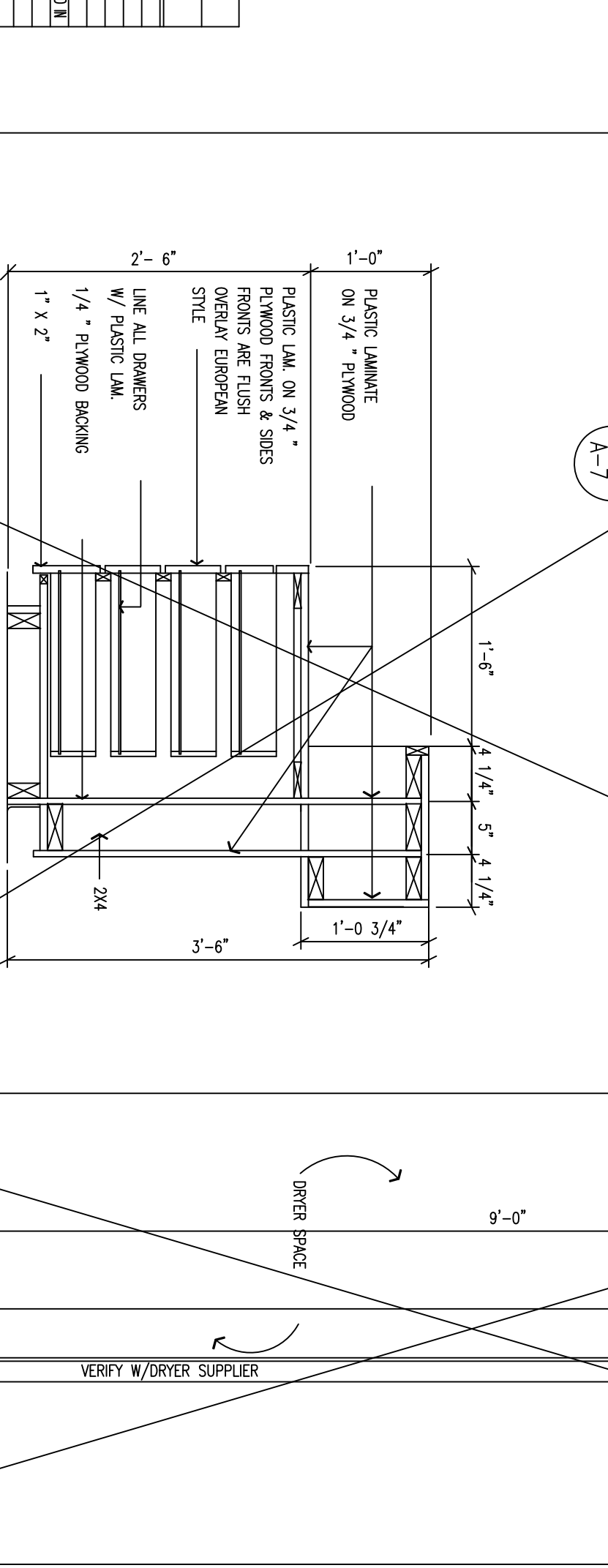
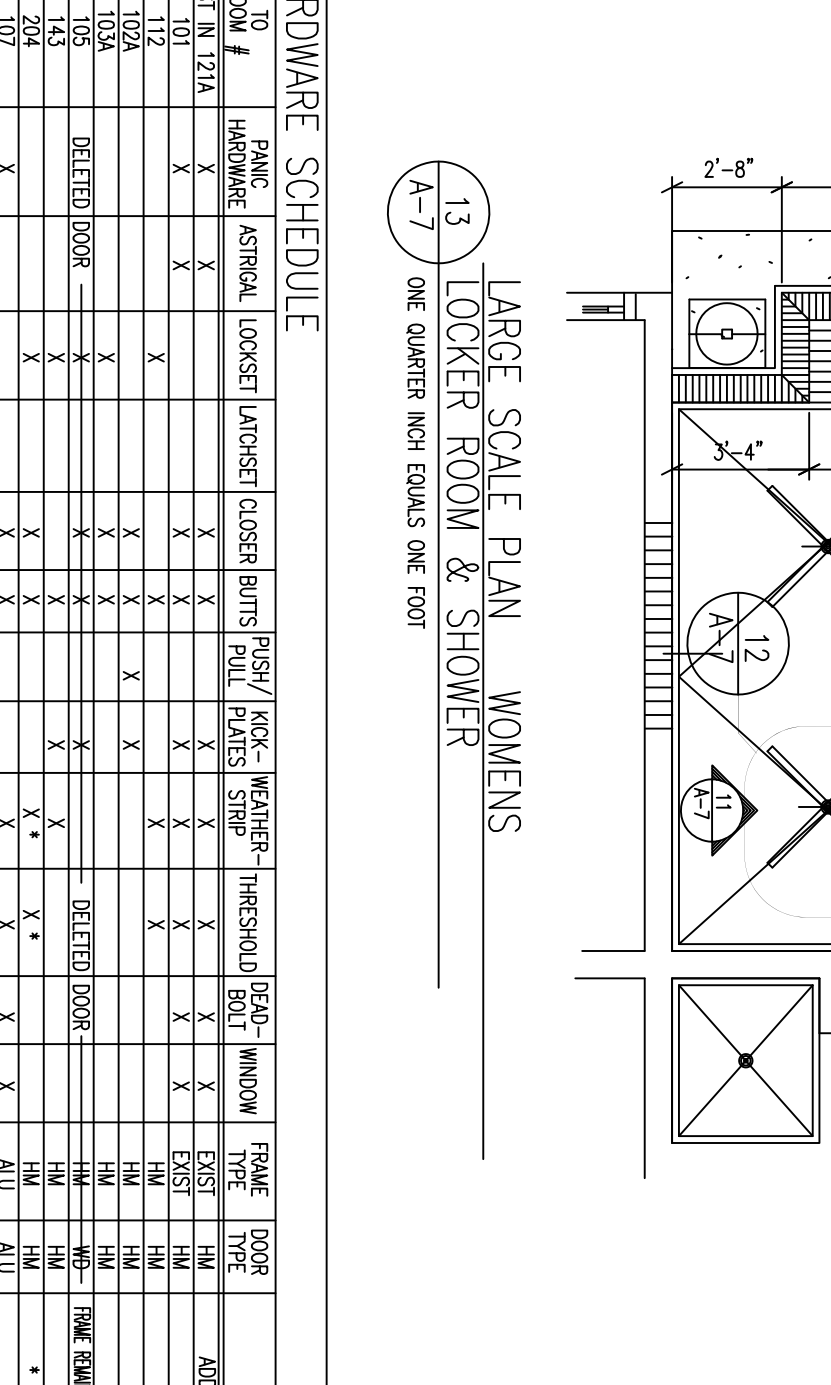
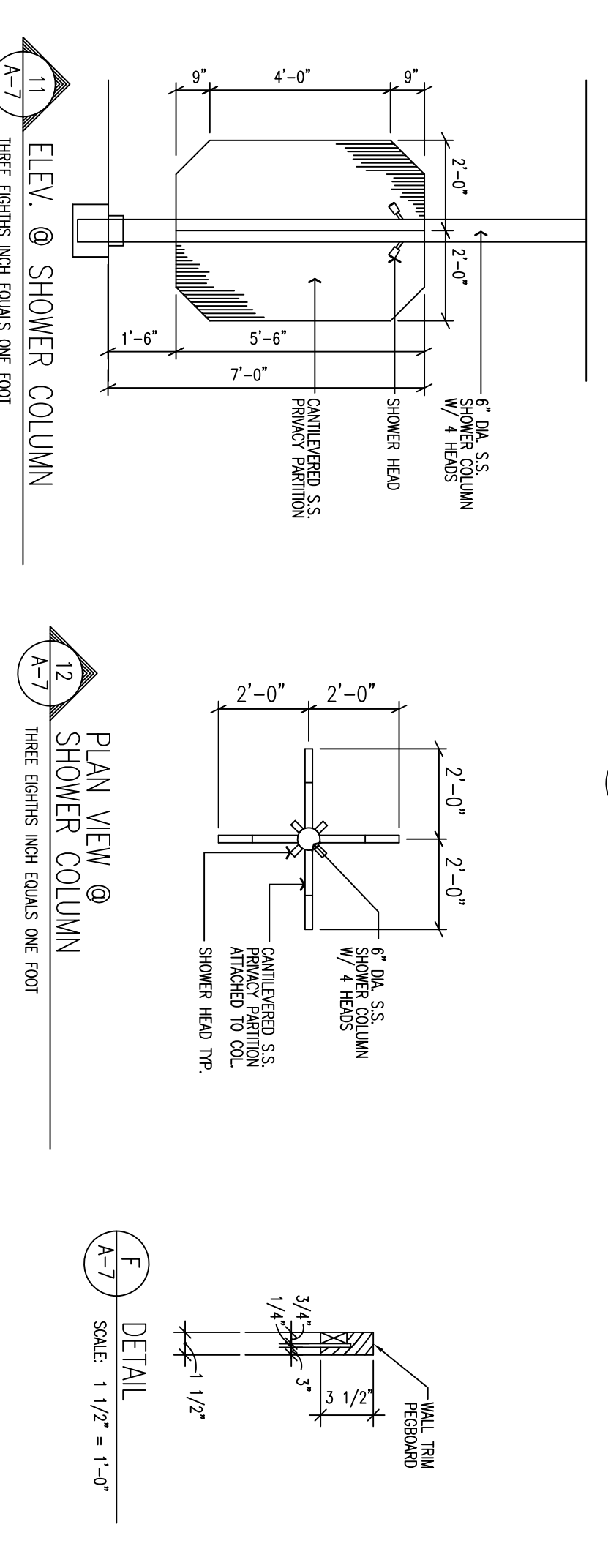
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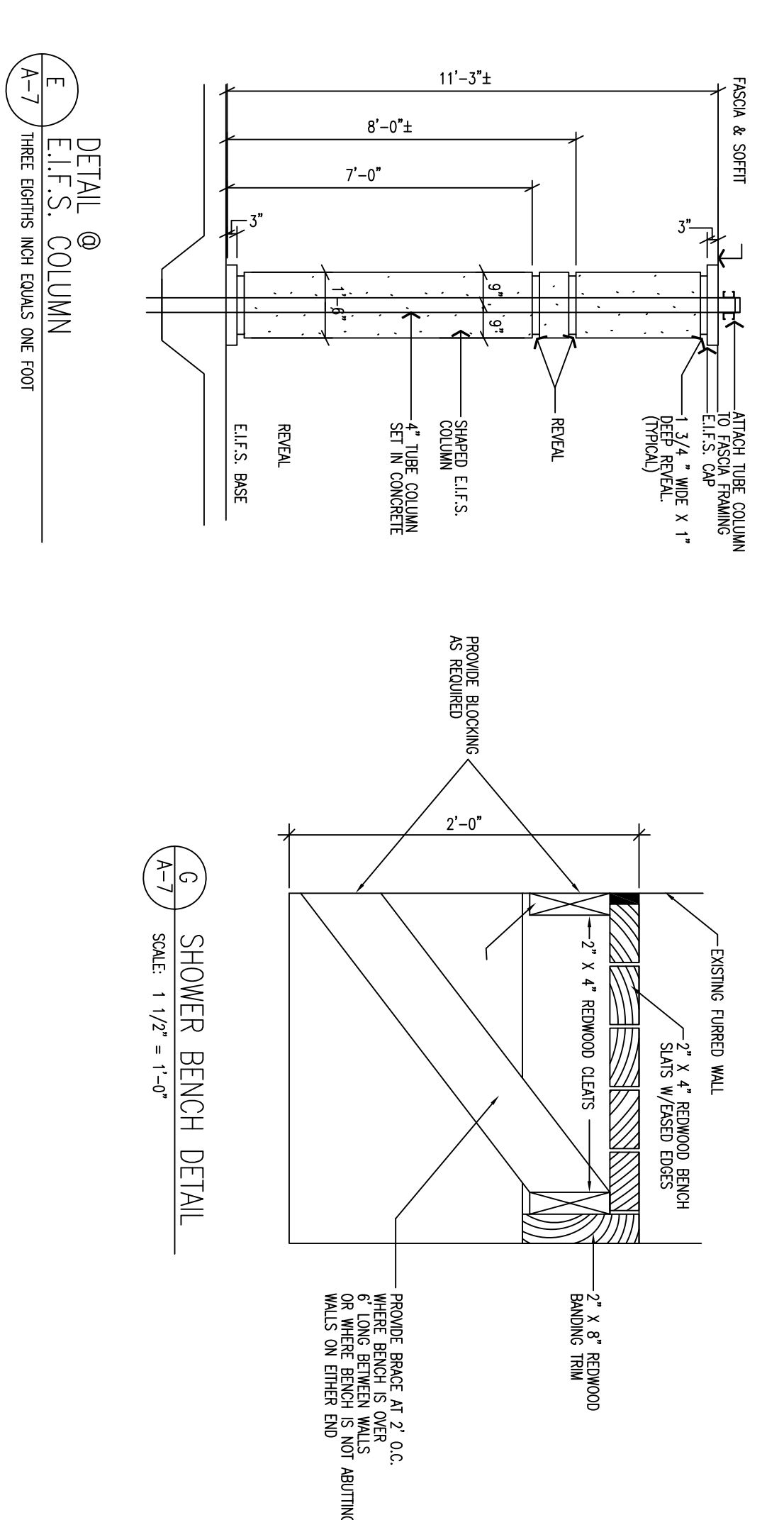
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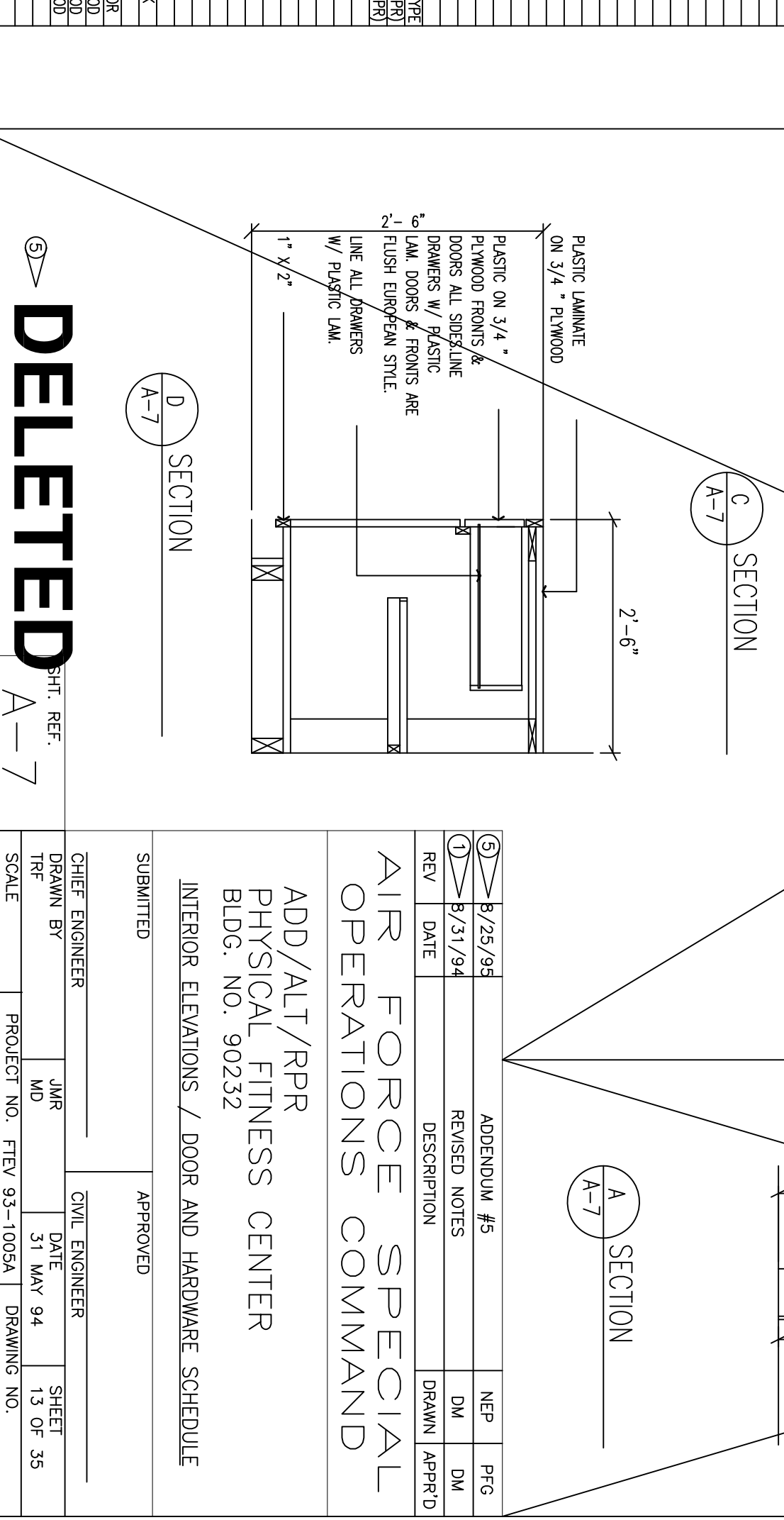
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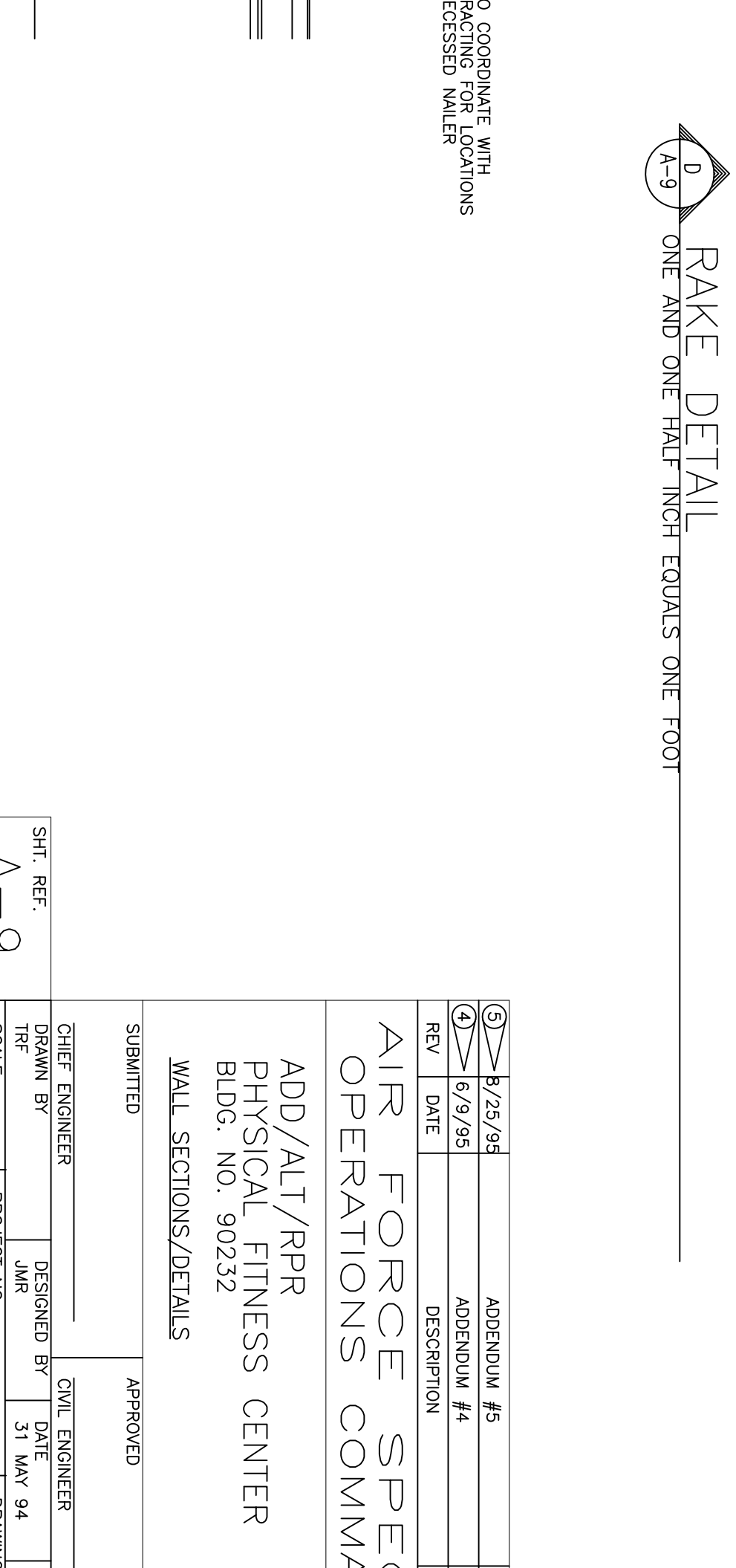
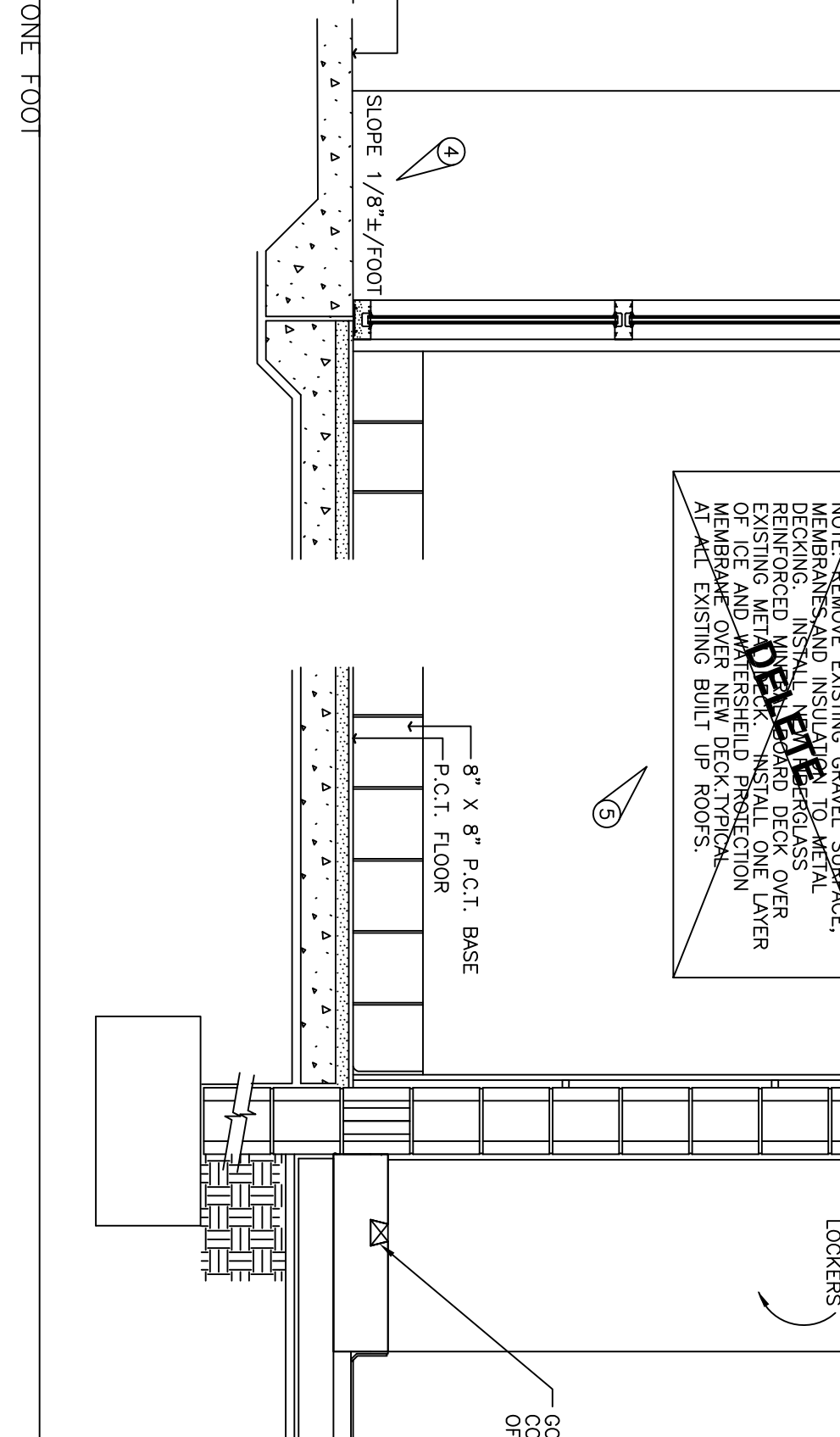
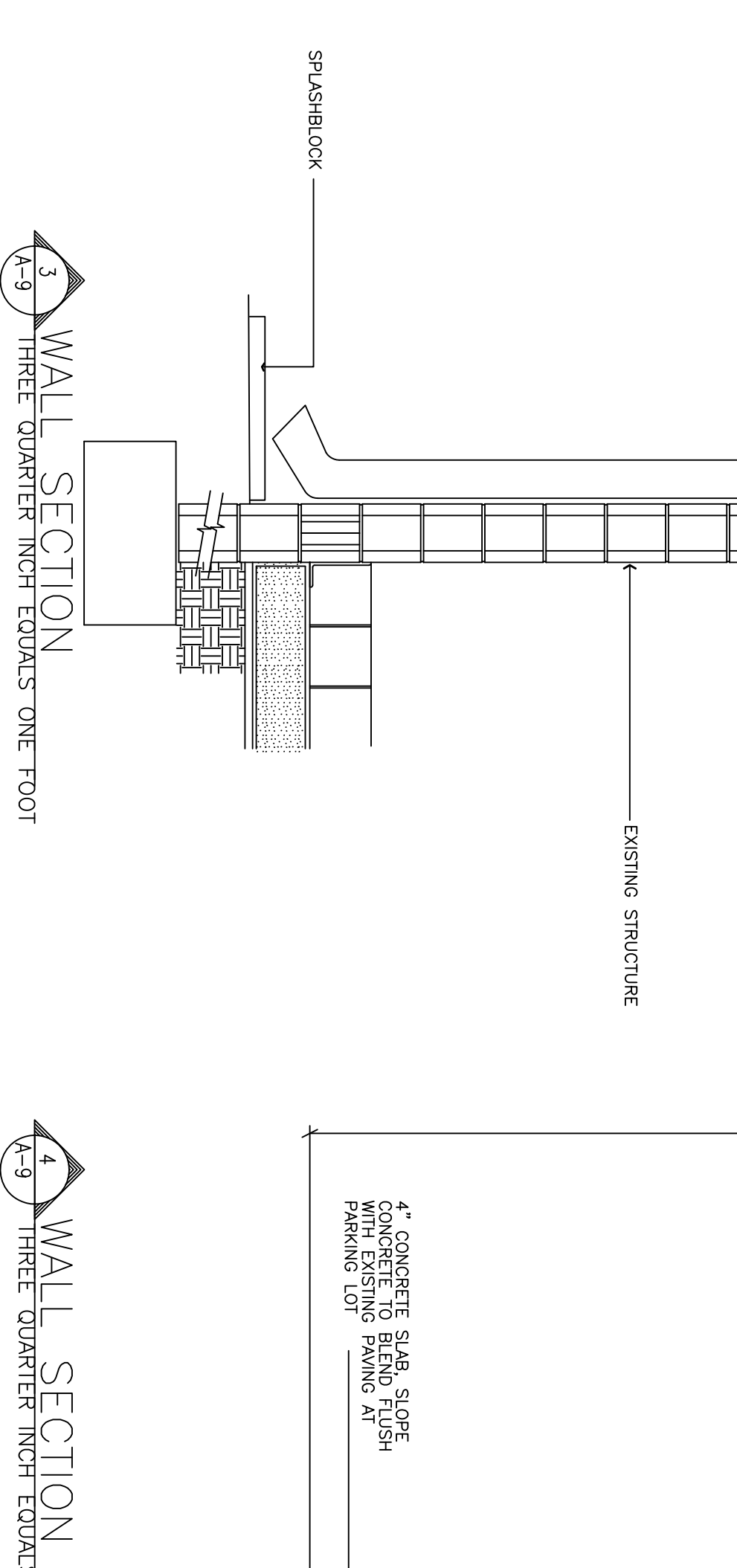
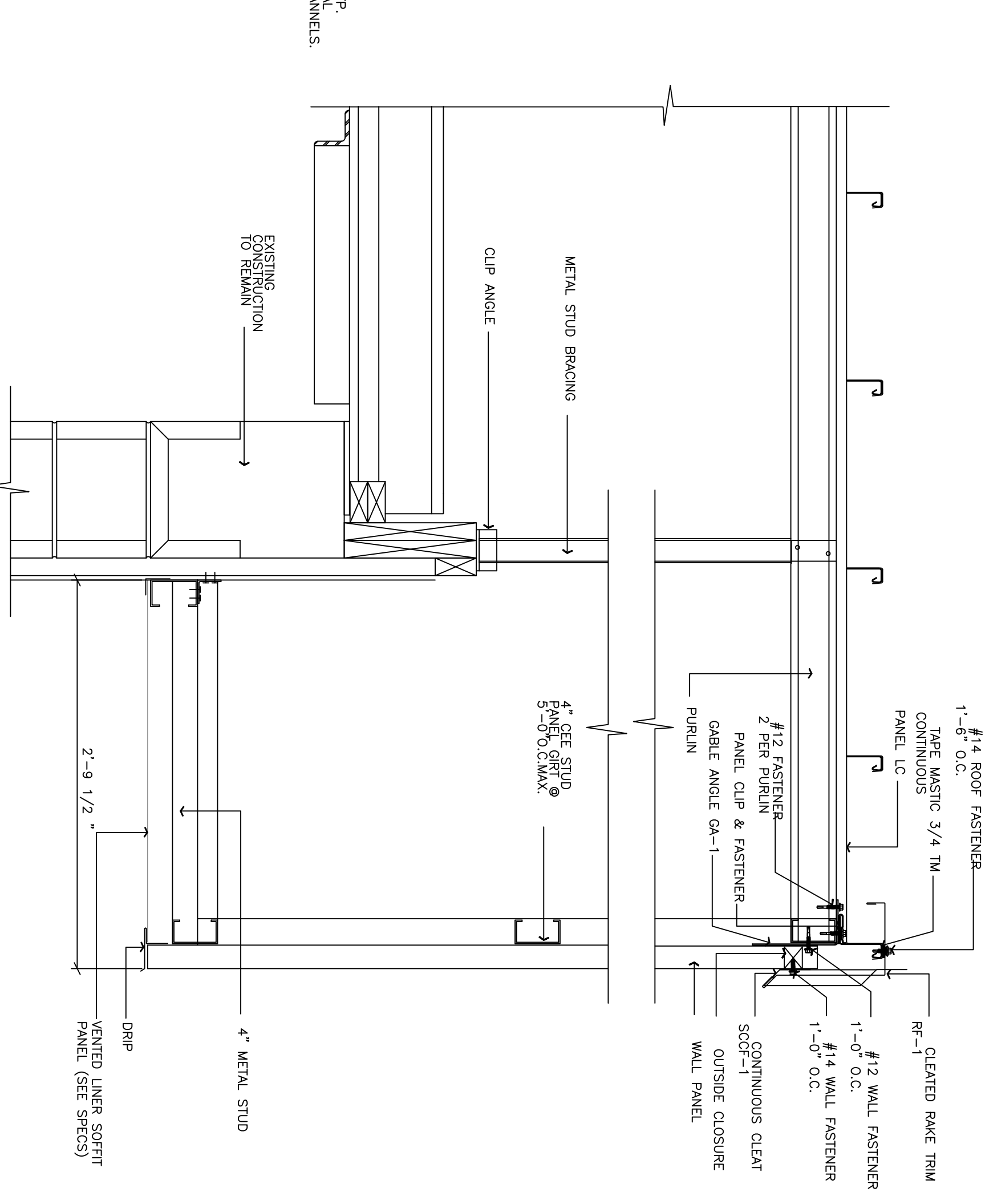
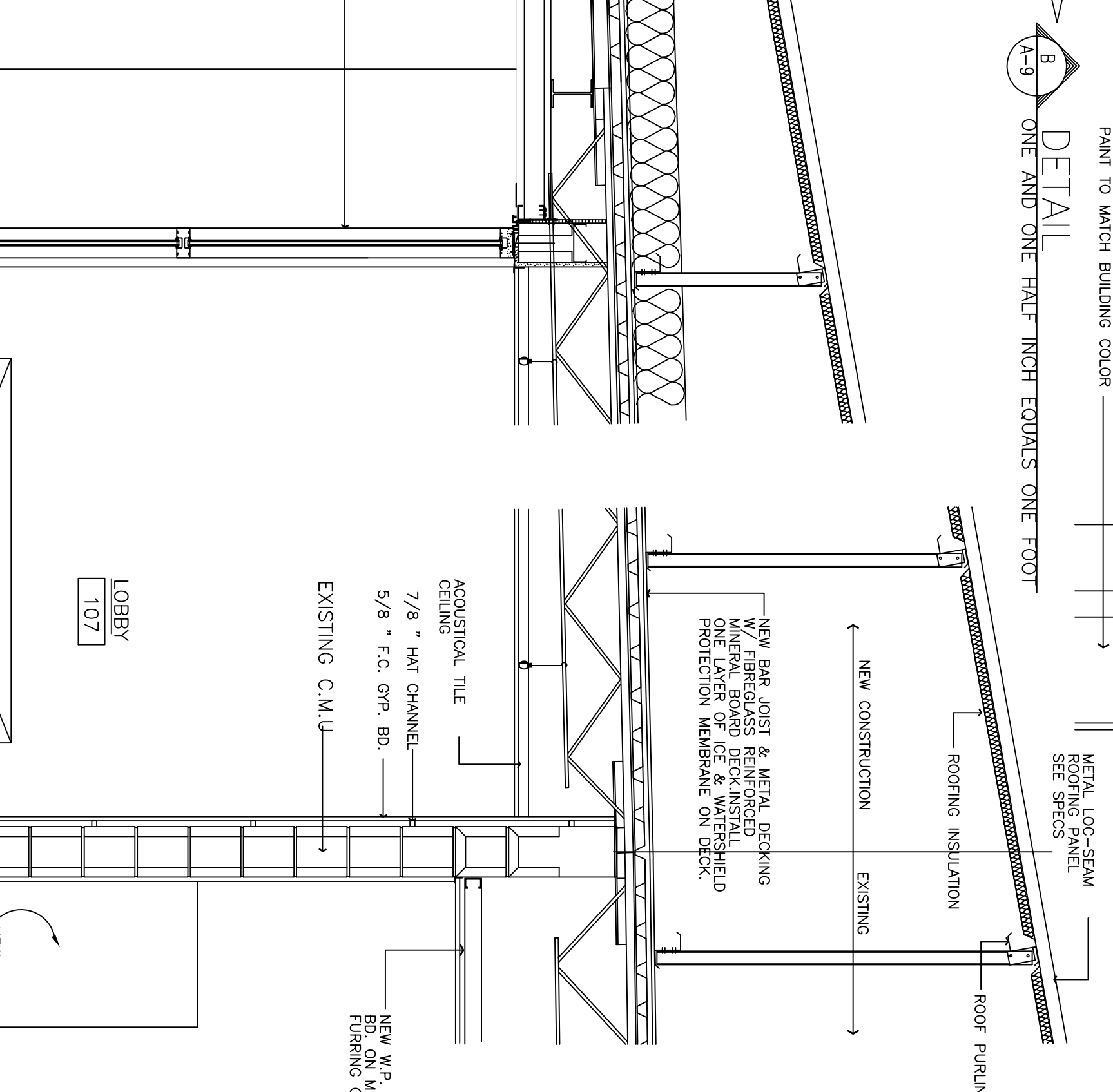
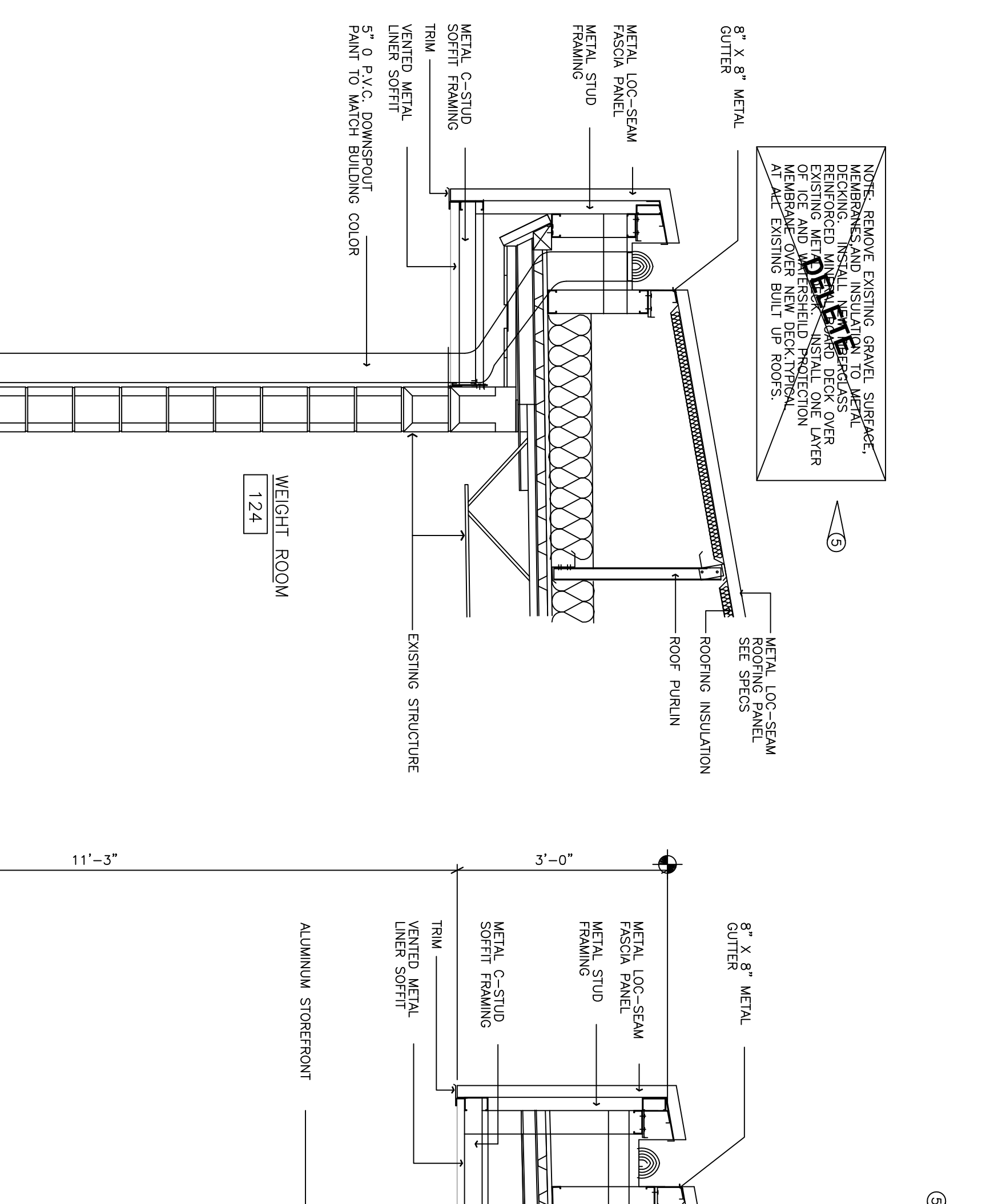
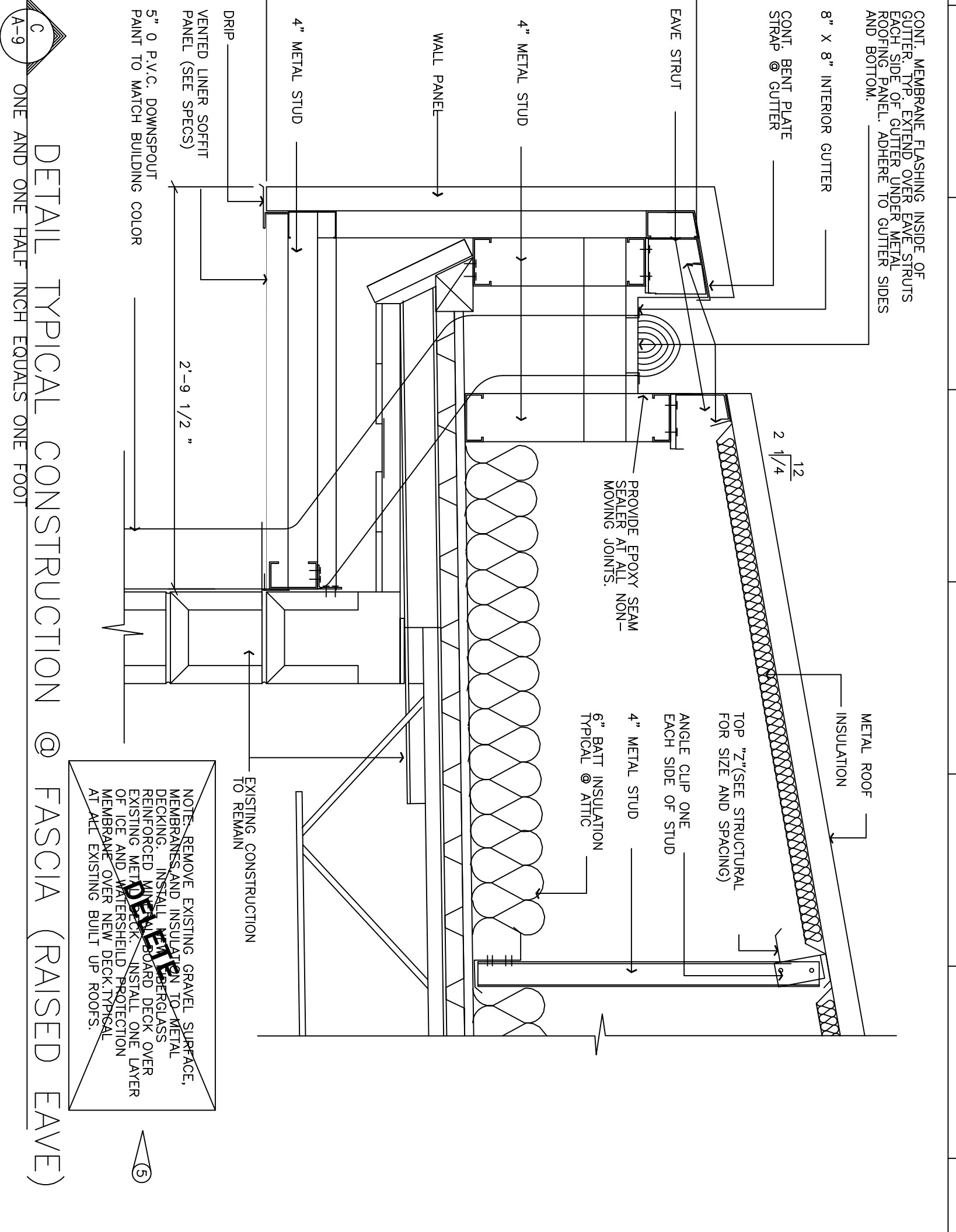
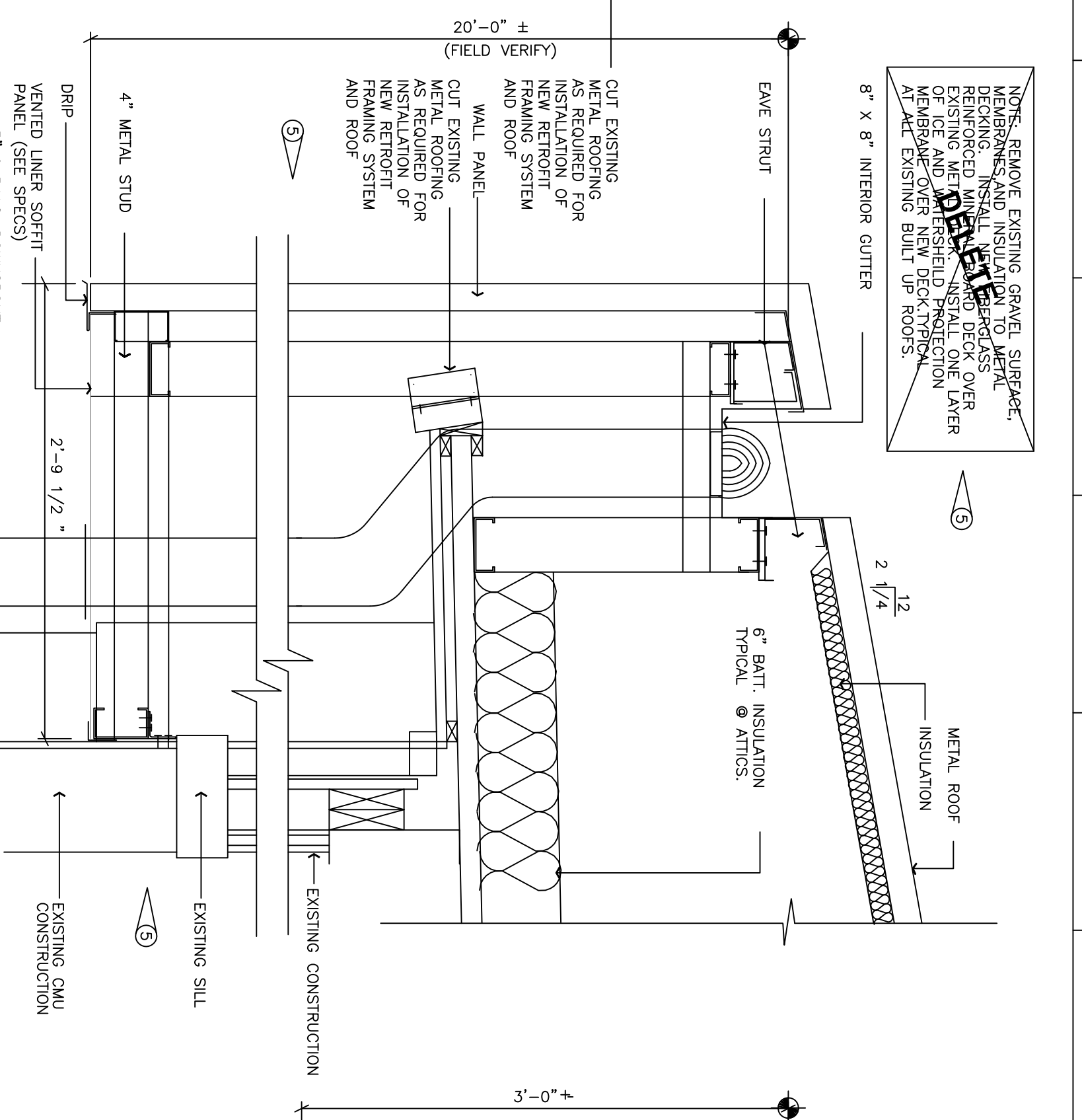
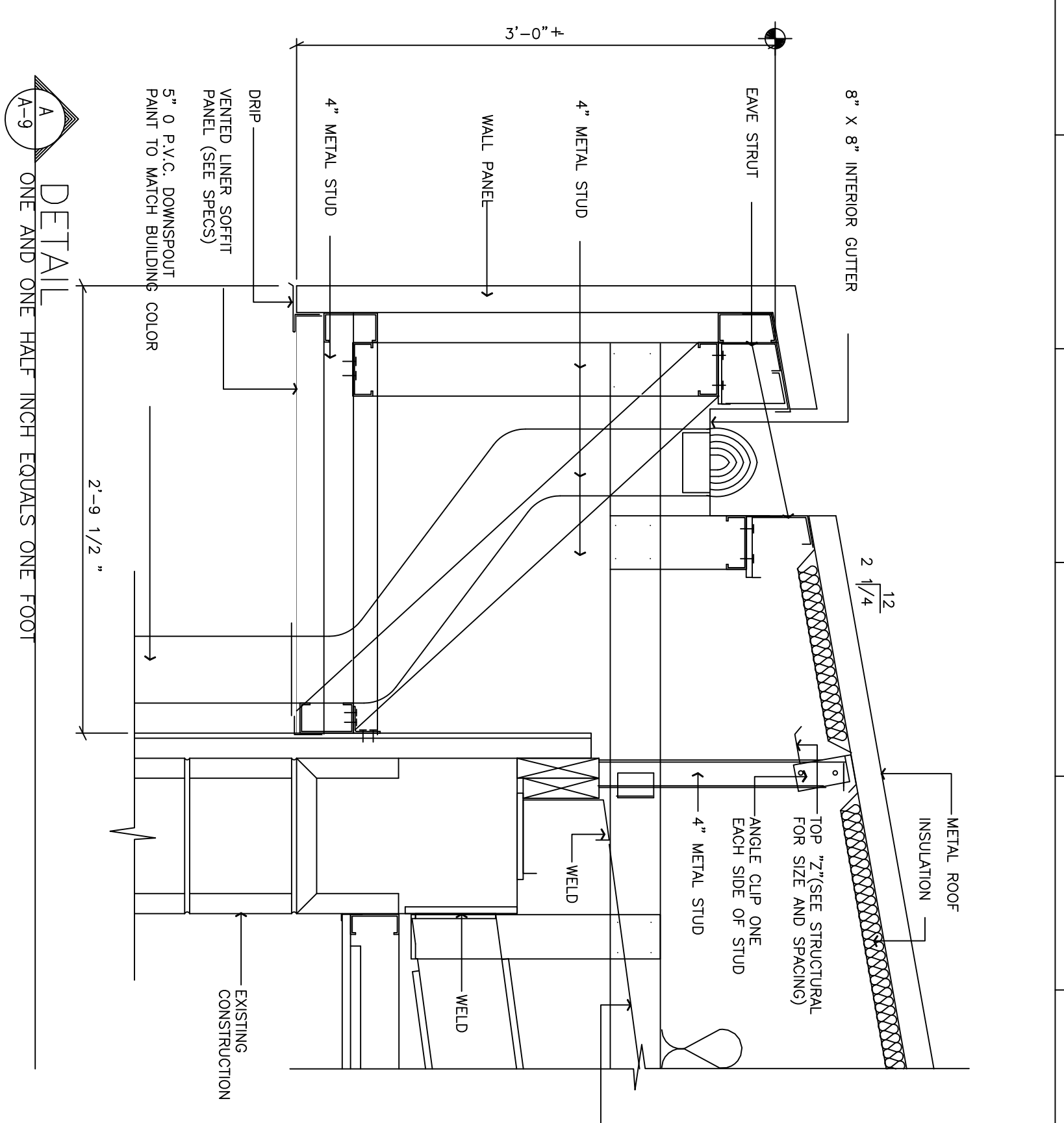
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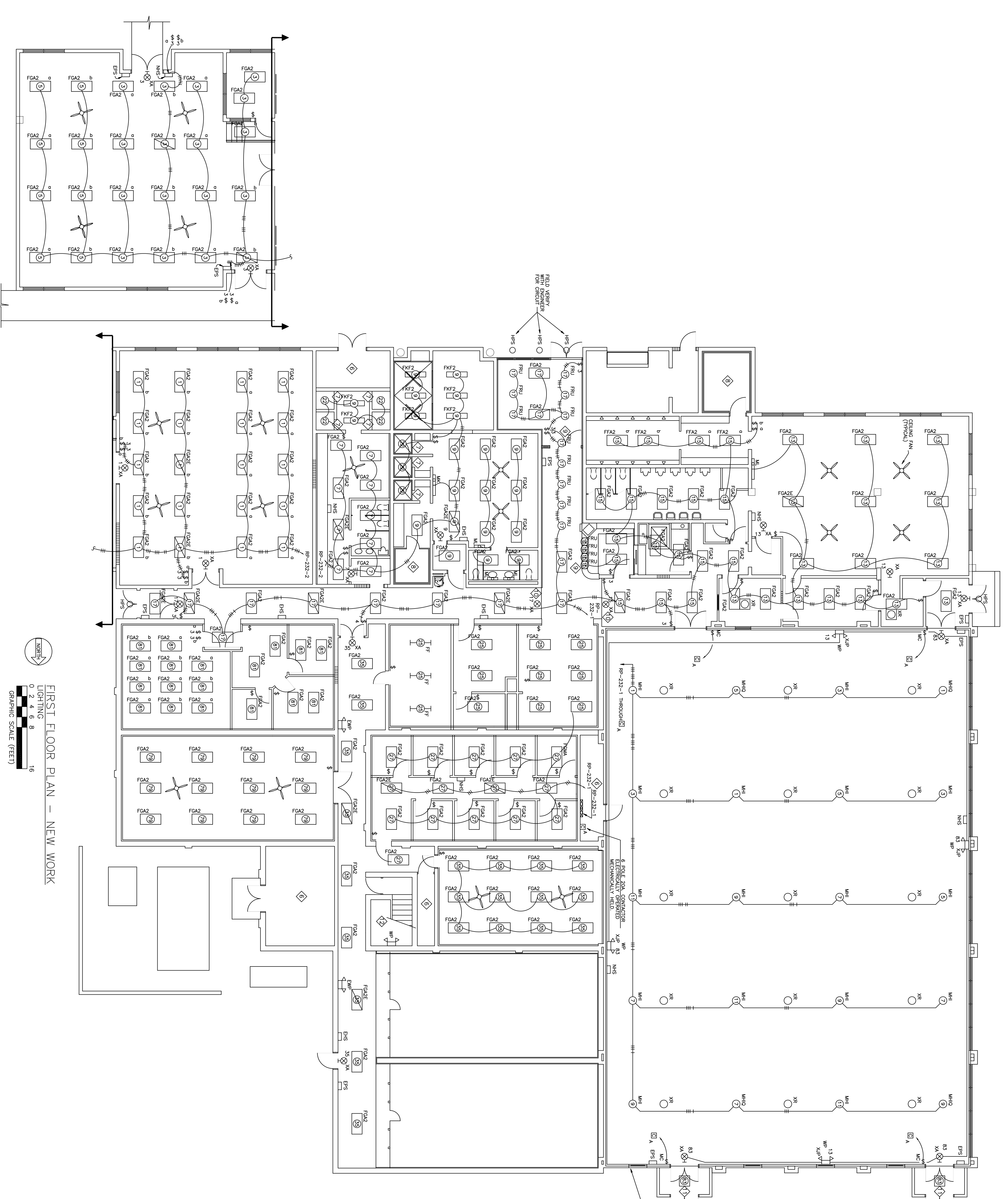
DOOR TYPE	ROOM #	TO ROOM #	HARDWARE	FINISH	LOCKSET	WEATHER	GLASS	GLASS TYPE	FRAME TYPE	DOOR TYPE	NOTES	
1	100A	100B	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
2	100B	100A	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
3	100A	100B	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
4	100B	100A	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
5	100A	100B	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
6	100B	100A	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
7	100A	100B	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
8	100B	100A	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
9	100A	100B	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
10	100B	100A	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
11	100A	100B	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
12	100B	100A	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
13	100A	100B	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
14	100B	100A	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
15	100A	100B	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
16	100B	100A	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
17	100A	100B	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
18	100B	100A	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
19	100A	100B	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
20	100B	100A	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD
21	100A	100B	PNIC	ASPHAL	LOCKSET	GLASS	BARRI	PAUL	PLATE	STRIP	INSULATED	WOOD



DELETED



SHT. REF. A-9		CHIEF ENGINEER		CIVIL ENGINEER	
DRAWN BY TRF		DESIGNED BY JMR		DATE 31 MAY 94	
SCALE AS NOTED		PROJECT NO. FEV 93-10054		DRAWING NO. HF 94-027	
SUBMITTED		APPROVED		SHEET 15 OF 35	
ADD/ALT/PPR		AIR FORCE SPECIAL OPERATIONS COMMAND		NIP	
BUDG. NO. 90232		WALL SECTIONS/DETAILS		SIS	
DATE 6/9/95		DESCRIPTION		PTG	
ADDENDUM #5		ADDENDUM #4		REV	
DATE 6/9/95		DESCRIPTION		REV	



LIGHTING

 0 2 4 6 8 16

 GRAPHIC SCALE (FEET)

FIRST FLOOR PLAN - NEW WORK

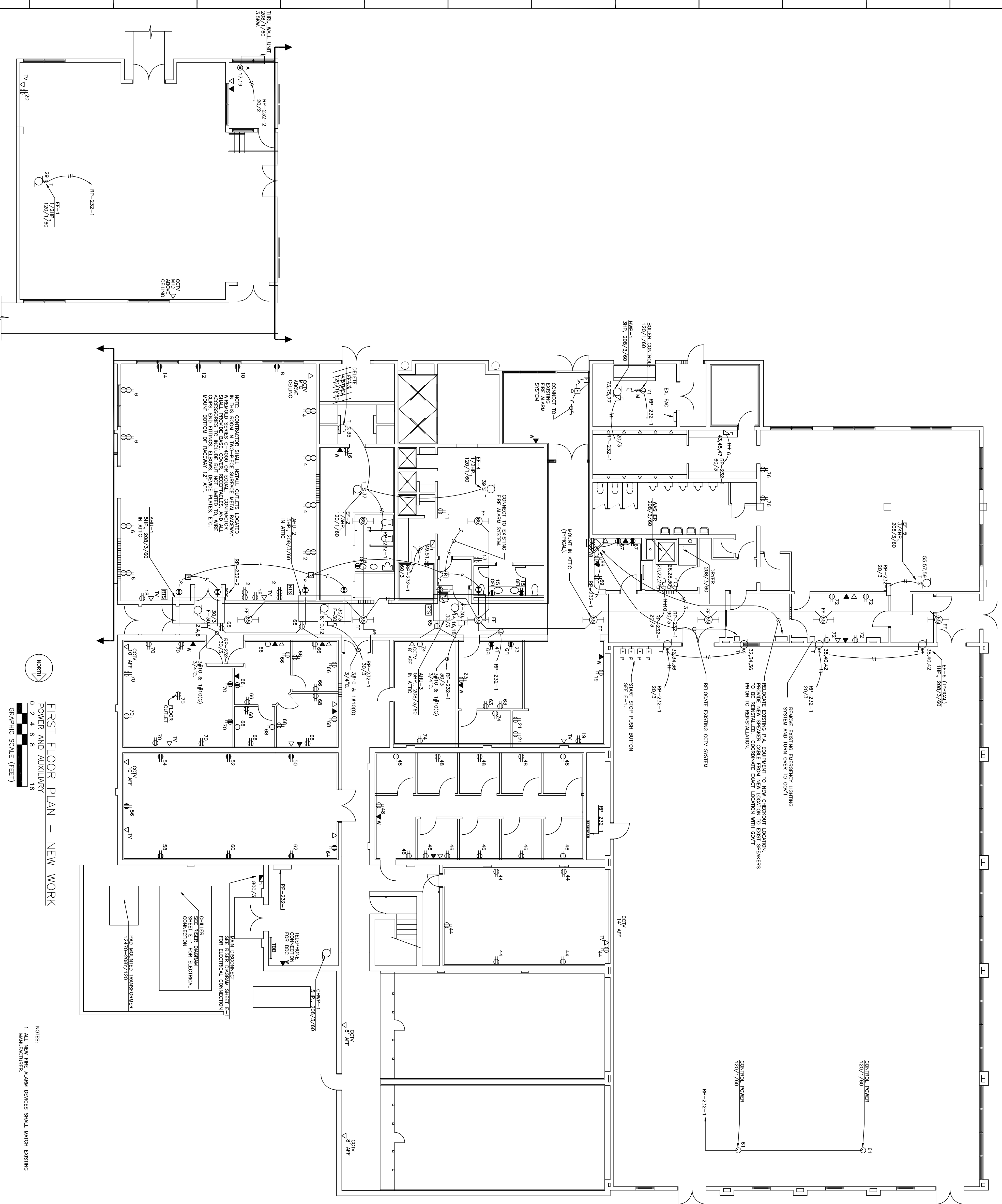
- REVISIONS:**
- | NO. | DATE | DESCRIPTION | BY | CHK. |
|-----|----------|--|----|------|
| 1 | 8/25/95 | ADDENDUM #5 | | |
| 2 | 11/20/95 | ADDENDUM #5 CORRECT/CLEARIFY FULL SHIT | | |
- REVISIONS:**
- 1 - EXISTING PULL STATION LOCATION (LOCATION TO BE REUSED WITH NEW DEVICE).
 - 2 - EXISTING WALL PACK LIGHTING TO BE REMOVED (NEW LIGHT FIXTURES IN CEILING WILL CONTAIN EMERGENCY LIGHTING FEATURE).
 - ENS - EXISTING HORN/STROBE DEVICE TO BE REPLACED.
 - NHS - NEW HORN/STROBE DEVICE.
 - WP - WALL PACK TO REMAIN. REPLACE BATTERY AND LAMPS.

- NOTES:**
- ALL EXISTING LIGHT FIXTURES TO BE REPLACED. FIXTURES IN HIGH CEILINGS WHERE SUSPENDED CEILINGS ARE BEING INSTALLED SHALL BE ABANDONED IN PLACE.
 - BRANCH CIRCUITING FOR ALL FIXTURES IS NOT SHOWN. CIRCUIT NUMBERS ARE PROVIDED. FIXTURES IN SEPARATE ROOMS SHALL BE SWITCHED INDEPENDENTLY.
 - NEW EXIT LIGHTS AND FIXTURES WITH SELF CONTAINED EMERGENCY LIGHTING SHALL BE FED HEAD OF LOCAL SWITCHING.
 - FOR CEILING FANS, PROVIDE INDIVIDUAL CONTROL FOR EACH FAN UTILIZING LIGHTING CIRCUIT IN ROOM WITH FAN. FANS SHALL BE INDUSTRIAL TYPE PADDED FANS, 56", 3 BLADE, 20000 CFM. FANS SHALL BE NONE, PFC-SHOW OR EQUAL. WALL SWITCHES SHALL BE ROE POSITION ROTARY TYPE SWITCH, NONE FFC-SHOW OR EQUAL.
 - FIXTURES "M" ARE SURFACE MOUNTED FLUORESCENTS. FIXTURES SHALL BE 4' WITH 40W WARM WHITE LAMPS, ONE PER FIXTURE. NONE MODEL 548-5 OR EQUAL.
 - VERIFY EXISTING LIGHT FIXTURE AND SWITCH TO BE OPERABLE. TRACE CIRCUIT AND LABEL IN PANEL ACCORDING.
 - SHOWER LIGHT FIXTURE SHALL BE A RECESSED 5 1/4" 60W INCANDESCENT FIXTURE COMPLETE WITH SHOWER BURNER & BAR HANGERS AND U/L LISTED FOR DAMP LOCATIONS WITH PROGRESS P4195 OR EQUAL.
 - SQUA UNITS ARE COMPLETE INCLUDING LIGHT FIXTURE. SEE SQUA SUBMITTAL FOR POWER/WIRING RECOMMENDATIONS.
 - THIS FIXTURE TO BE INSTALLED IN DRYWALL CEILING. PROVIDE APPROPRIATE TRIM KITS ETC.
 - DOUBLE FACE EXIT SIGN HUNG FROM BULKHEAD.
 - PROVIDE NEW FIXTURE ON NEW CIRCUIT MAX SURFACE MOUNTED ON CEILING. FIXTURE TO PROGRESS P7398-68 FOR CONDITIONS TO OF; OR EQUAL. WHITE FINISH. CLEAR LENS.
 - PROVIDE 2 NEW FIXTURES ON EXISTING MOUNT WITH EMERGENCY CIRCUIT WITH EMERGENCY CIRCUIT CONNECT TO EXISTING WALL MOUNT EMERGENCY LIGHT FIXTURE. USE FIXTURE TYPE FGAZE
 - PROVIDE NEW 35 WATT HIGH PRESSURE SODIUM RECESSED CAN LIGHT FIXTURE. WHERE APPLICABLE EXTEND EXISTING CIRCUIT TO NEW FIXTURE IN NEW SOFFIT.

- REMOVE ALL CONDUIT, EXIT SIGNS AND SWITCH LUMINAIRES**
- NOTES:**
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 - PROVIDE NEW FIXTURE ON NEW CIRCUIT MAX SURFACE MOUNTED ON CEILING. FIXTURE TO PROGRESS P7398-68 FOR CONDITIONS TO OF; OR EQUAL. WHITE FINISH. CLEAR LENS.
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 - PROVIDE NEW 35 WATT HIGH PRESSURE SODIUM RECESSED CAN LIGHT FIXTURE. WHERE APPLICABLE EXTEND EXISTING CIRCUIT TO NEW FIXTURE IN NEW SOFFIT.

SHIT. REF.	E-3	CIVIL ENGINEER	DATE	31 MAY 94	SHEET	33 OF 35		
DRAWN BY	K.W.C.	DESIGNED BY	F.J.P.	PROJECT NO.	FEV 93-1005A	DRAWING NO.	94-027	
SCALE	AS NOTED	AS NOTED	DATE	31 MAY 94	PROJECT NO.	FEV 93-1005A	DRAWING NO.	94-027

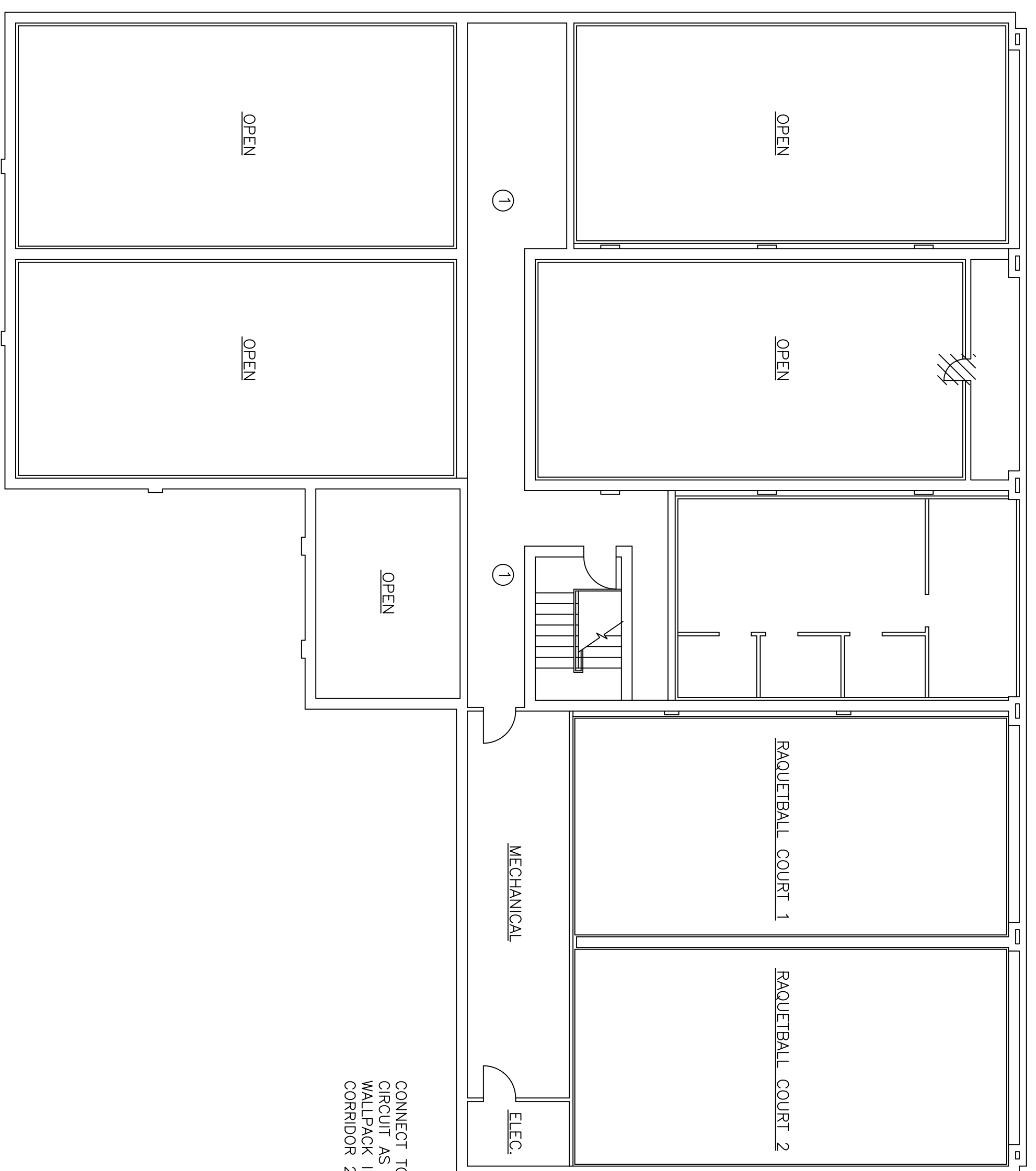
ADD/ALT/RRR
 AIR FORCE SPECIAL
 OPERATIONS COMMAND
 PHYSICAL FITNESS CENTER
 BLDG. NO. 90232
 HURLBURT FIELD, FLORIDA



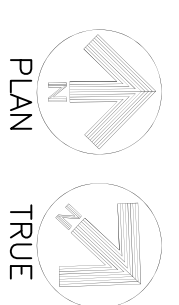
FIRST FLOOR PLAN - NEW WORK
 POWER AND AUXILIARY
 0 2 4 6 8 16
 GRAPHIC SCALE (FEET)

NOTES:
 1. ALL NEW FIRE ALARM DEVICES SHALL MATCH EXISTING MANUFACTURER.

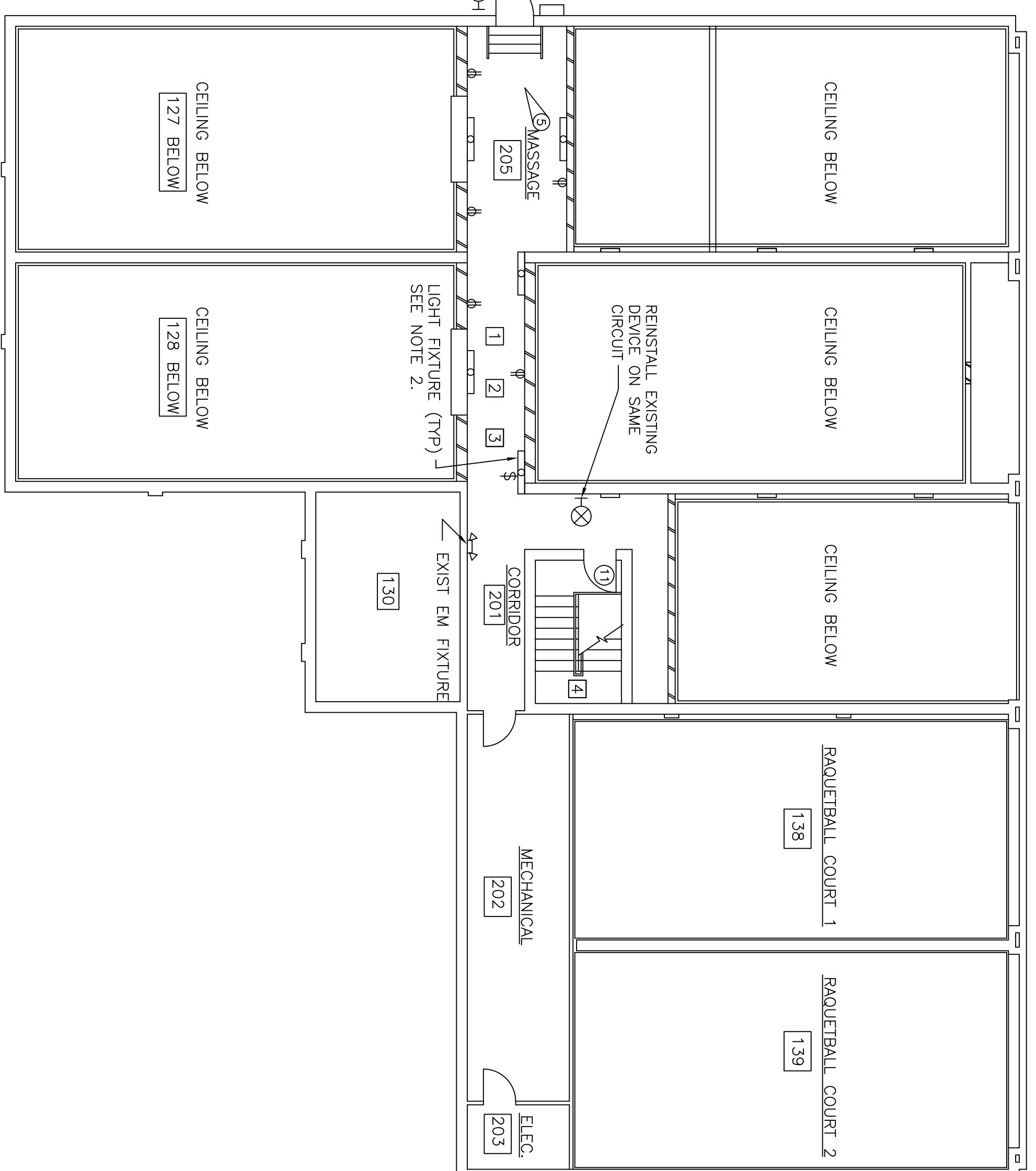
SHI. REF.	E-4		
CHIEF ENGINEER	DESIGNED BY	CIVIL ENGINEER	SHEET
	F.J.P.		30 OF 30
SCALE	PROJECT NO.	DATE	DRAWING NO.
AS NOTED	FEV 93-10058	MAY 94	94-027
SUBMITTED			
APPROVED			
ADD/ALT/RRR			
AIR FORCE SPECIAL OPERATIONS COMMAND			
PHYSICAL FITNESS CENTER			
BLDG. NO. 90232			
HURLBURT FIELD, FLORIDA			



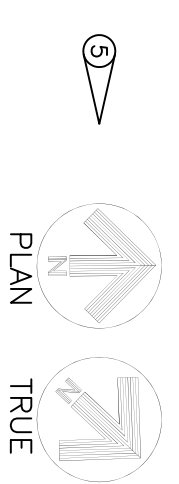
SECOND FLOOR ELEC DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



① REMOVE EXISTING LIGHT FIXTURES. MAINTAIN POWER TO FIXTURES IN AREAS SHOWN AS MECHANICAL AND ELEC.



SECOND FLOOR ELEC PLAN
SCALE: 1/8" = 1'-0"



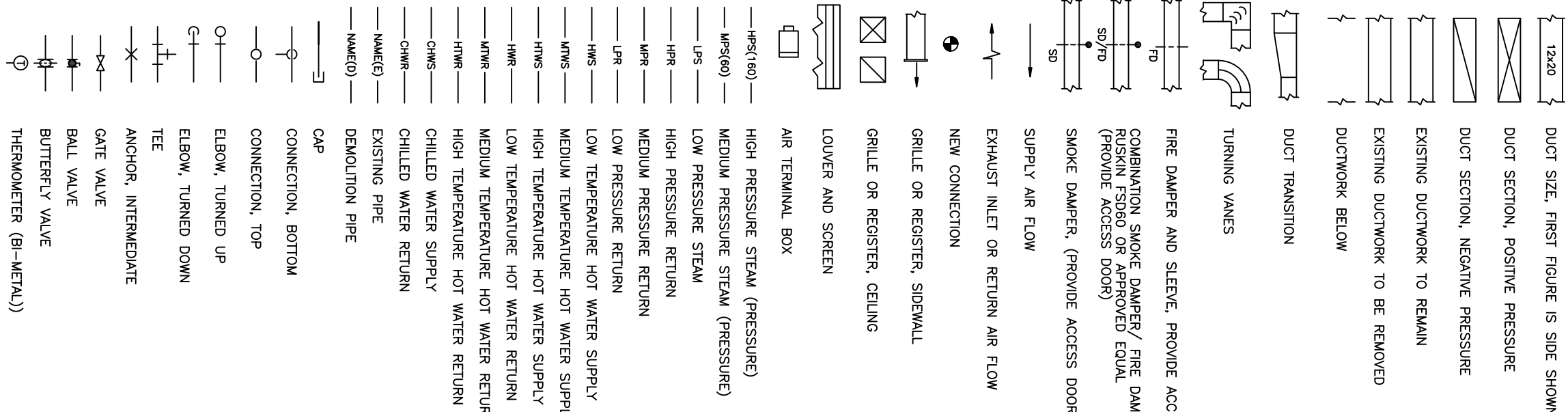
- ① MOUNT RECEPTACLES IN BOTTOM OF NEW STUD WALLS.
- ② NEW LIGHT FIXTURES SHALL BE MOUNTED 7' AFF. LIGHT FIXTURES SHALL BE WALL MOUNTED ASYMMETRIC INDIRECT 4' FLUORESCENT FIXTURES W/ 2 EA T8 F032 LAMPS, LIECONTROL, W-AI-95-2418-GW-120 OR EQUAL. EMERGENCY WALL PACK LOCATED IN CORRIDOR SHALL REMAIN.
- ③ CONTRACTOR SHALL INSTALL 2 EA 20A CIRCUIT BREAKERS IN SPACES AVAILABLE IN PANEL LOCATED IN RM 203, ELEC. PROVIDE TWO NEW CIRCUITS, ONE EACH FOR RECEPTACLES AND LIGHT FIXTURES INSTALLED IN RWS 201 & 205.
- ④ PROVIDE 2 NEW 2' x 4' LIGHT FIXTURES ON EXISTING CIRCUIT. FIXTURE TO MATCH TYPE FGA

REV	DATE	DESCRIPTION	SNS	PG
①	8/25/95	ADDENDUM #3 CORRECTIONS/CLARIFICATIONS	DIC	DIC
②	6 JUN 95	ADDENDUM #5	DIC	DIC

ADD/ALT/RPR
PHYSICAL FITNESS CENTER
BLDG. NO. 90232
SECOND FLOOR ELEC. PLAN/SECOND FLOOR
ELEC. DEMOLITION PLAN

CHIEF ENGINEER	CIVIL ENGINEER	SHEET	55 OF 35
DRAWN BY	DESIGNED BY	T.R.F.	DRAWING NO.
J.M.R.	J.M.R.	FEV 93-1005A	HP 94-027
SCALE	PROJECT NO.	FEV 93-1005B	HP 94-027
AS NOTED			

MECHANICAL LEGEND



GAS FIRED HOT WATER SCHEDULE

EQUIP. NO.	MANUFACTURER/ MODEL NO.	INPUT WATER MBH	OUTPUT WATER TEMP °F	INLET WATER TEMP °F	LONG. PROP. FT.	PRESSURE DROP	FLUE CONN. SIZE FT.	REMARKS
B-1	TELEONE LUMAS MODEL MH-100	1400	150	180	72	5.0	18	FOUR STAGE FRAME

EXHAUST FAN SCHEDULE

SYMBOL	MANUFACTURER/ MODEL NO.	CFM	S.P. (IN. W.C.)	RPM	MAX. SONES	H.P.	ELECTRICAL VOLTS/PH/Hz.	TYPE	DRIVE	REMARKS
EF-1	GREENECK BSG-140	2000	0.5	1300	13.4	1/2	120/1/60	BLT. CENTRIFUGAL DRIVE	BLT.	INTERLOCK WITH AHU-1
EF-2	GREENECK BSG-100	1100	0.5	1498	14.4	1/2	120/1/60	BLT. CENTRIFUGAL DRIVE	BLT.	INTERLOCK WITH AHU-1
EF-4	GREENECK BSG-140	2000	0.5	1300	13.4	1/2	120/1/60	BLT. CENTRIFUGAL DRIVE	BLT.	INTERLOCK WITH AHU-2
EF-5	GREENECK BSG-200	3200	0.5	785	12.0	3/4	208/3/60	BLT. CENTRIFUGAL DRIVE	BLT.	INTERLOCK WITH AHU-3
EF-6	GREENECK SMC-36	12000	0.2	560	15.2	1	208/3/60	BLT. CENTRIFUGAL DRIVE	BLT.	INTERLOCK WITH AHU-3

- NOTES:
 1. ALL FANS EXCEPT EF-3 AND EF-6 TO BE MOUNTED ON EQUIPMENT RAILS WITH TYPE 3 ISOLATORS, 1" SELECTION.
 2. EF-3 SHALL BE SUPPORTED FROM STRUCTURE WITH SPRING ISOLATORS.
 3. PROVIDE MANUAL STARTERS AND DISCONNECTS WITH ALL FANS.
 4. EF-6 SHALL HAVE PUSH BUTTON STARTERS ON WALL (SEE ELECTRICAL INTERLOCK WITH WATERSIDE WALL LOWERS, FINISH WALL MOUNT HOUSING AND MOTOR SIDE PANELS)

INDOOR CENTRAL STATION AIR HANDLING UNITS

EQUIPMENT NO.	MANUFACTURER/ MODEL NO.	AREA SERVED	FANS SUPPLY RETURN	AIR FLOW (CFM)	O.A.	EXT. STATIC PRESSURE (IN. W.G.)	COOLING COIL	HEATING COIL	FILTERS	REMARKS
AHU-1	TRANE MODULAR CLIMATE CHAMBER - SIZE 12	MULTIUS ROOM	F-1	5000	2000	2.0	CC-1	HC-1	30% FINE FILTER	DOUBLE WALL CONSTRUCTION, PROVIDE THRUST RESTRAINTS ON EQUIPMENT RAILS. PERFORMANCES AND DEMO. 4050H
AHU-2	TRANE MODULAR CLIMATE CHAMBER - SIZE 10	WEIGHT ROOM	F-2	4000	2000	2.0	CC-2	HC-2	30% FINE FILTER	DOUBLE WALL CONSTRUCTION, PROVIDE THRUST RESTRAINTS ON EQUIPMENT RAILS. PERFORMANCES AND DEMO. 4050H
AHU-3	TRANE MODULAR CLIMATE CHAMBER - SIZE 12	LOCKER ROOMS	F-3	5000	4000	1.5	CC-3	HC-3	30% FINE FILTER	DOUBLE WALL CONSTRUCTION, PROVIDE THRUST RESTRAINTS ON EQUIPMENT RAILS. PERFORMANCES AND DEMO. 4050H

* FAN SUPPLY CFM INCLUDES TOTAL AIR DEVICE CFM PLUS 10% FOR DUCT LEAKAGE

FAN SCHEDULE

EQUIPMENT NO.	SERVICE	MANUFACTURER/ MODEL NO.	FLOW RATE (CFM)	TOTAL STATIC IN. W.C.	RPM	TYPE	OUTLET CLASS	MOTOR HP	PH	PH	RPM	TYPE	VIBRATION DEF. (IN.)	REMARKS	
F-1	AHU-1	TRANE 15 IN. FC	5000	3.5	1246	F.C. CENTRIFUGAL	CM90	2	5	208	3	1750	3	1.5	SUPPLIED WITH AHU-1
F-2	AHU-2	TRANE 13.5 IN. FC	4500	3.5	1340	F.C. CENTRIFUGAL	CM90	2	5	208	3	1750	3	1.5	SUPPLIED WITH AHU-2
F-3	AHU-3	TRANE 15 IN. FC	5500	3.5	1247	F.C. CENTRIFUGAL	CM90	2	5	208	3	1750	3	1.5	SUPPLIED WITH AHU-3

* FAN TOTAL STATIC PRESSURE REPRESENTS THE SUM OF THE INTERNAL COMPONENT PRESSURE DROPS PLUS SYSTEM PRESSURE LOSS. SEE ELECTRICAL SCHEDULE FOR SYSTEM COMPONENTS 1250 AND SYSTEM EFFECT OF COMPONENTS PROVIDED.

AIR FILTERS

EQUIPMENT NO.	SERVICE	MANUFACTURER/ MODEL NO.	TYPE	CLASS	AIR FLOW AREA (SQ. FT.)	MINIMUM VELOCITY (FPM)	MAXIMUM FACE VELOCITY (FPM)	MINIMUM PRESSURE MOUNTING (IN. W.G.)	REMARKS
AHU-1	PRE-FILTER	FABR 30/20	PLEATED MEDIA	30	2	5000	100	500	DIRTY FILTER P.D. 0.50 IN.
AHU-2	PRE-FILTER	FABR 30/20	PLEATED MEDIA	30	2	4500	90	500	DIRTY FILTER P.D. 0.50 IN.
AHU-3	PRE-FILTER	FABR 30/20	PLEATED MEDIA	30	2	5500	110	500	DIRTY FILTER P.D. 0.50 IN.

COIL SCHEDULE

SYMBOL	TYPE	MAXIMUM FINS PER FOOT	MAX. F.V. (FPM)	CFM	EMERGENCY (IN. W.C.)	DB	WB	P.D. (FT.)	WATER GPM	WATER P.D. (FT.)	REMARKS			
CC-1	CHILLED WATER	120	6	490	5000	65.2	71.8	53.0	52.8	0.5	65.0	4.3	5.0	SUPPLIED WITH AHU-1
CC-2	CHILLED WATER	120	6	490	4500	66.0	72.4	53.0	52.8	0.5	60.0	4.3	5.0	SUPPLIED WITH AHU-2
CC-3	CHILLED WATER	120	6	490	5500	91.2	76.6	53.0	52.8	0.7	95.0	4.3	5.0	SUPPLIED WITH AHU-3
HC-1	HOT WATER	120	2	490	5000	53.0	-	95.0	-	0.1	16.0	1.80	2.0	SUPPLIED WITH AHU-1
HC-2	HOT WATER	120	2	490	4500	50.5	-	95.0	-	0.1	15.0	1.80	2.0	SUPPLIED WITH AHU-2
HC-3	HOT WATER	120	2	490	5500	35.0	-	95.0	-	0.1	25.0	1.80	2.0	SUPPLIED WITH AHU-3

AIR COOLED CHILLER SCHEDULE

EQUIP. NO.	MFR. MODEL NO.	ACTUAL TONS	NOMINAL TONS	EMT (°F)	LMT (°F)	GPM	PRESSURE DROP (FT.)	VOLTS/PH/Hz (EACH)	BLA FAN FLA (EACH)	REMARKS
ACC-1	TRANE CXC010	87.8	100	54	42	220	10	208/3/60	(2) 156 (2) 41	SEE NOTES 1 AND 2

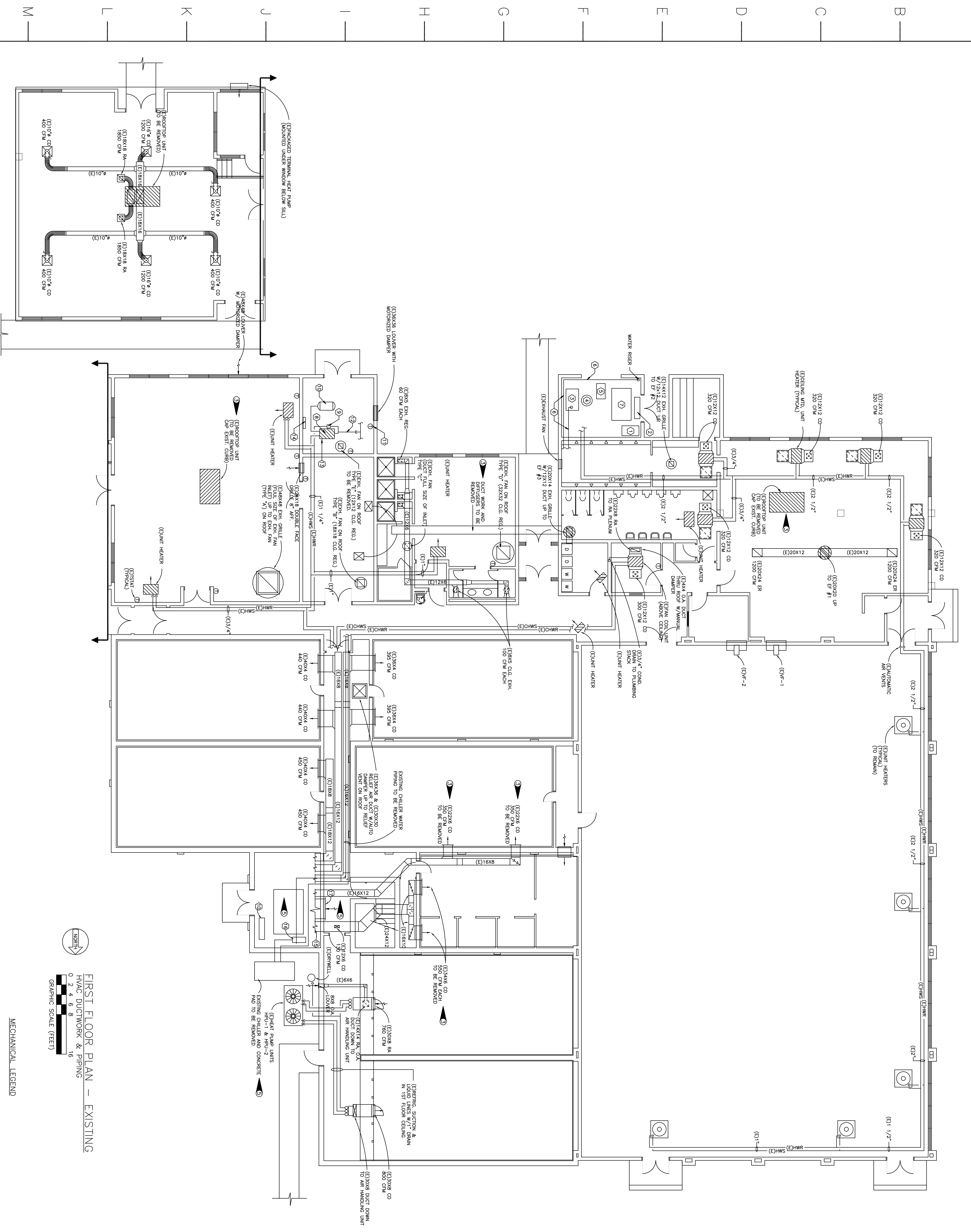
CAPACITY BASED ON 105° AMBIENT, AND 12° D
 NOTE 1. PROVIDE LOWERS GUARD ON SIZES OF UNIT.
 NOTE 2. PROVIDE HEAT TAP OPTION.

PUMP SCHEDULE

SYMBOL	MANUFACTURER/ MODEL NO.	SERVICE	TYPE	GPM	HEAD (FT.)	EFF. (%)	ELECTRICAL H.P. VOLTS/PH/Hz	REMARKS
GP-1	BAO SERIES 1510 2-1/2 BR	CHILLED WATER	RIGID MOUNTED END SECTION	220	60	74	208/3/60	
HWP-1	1760 FE 2510	HOT WATER	RIGID MOUNTED END SECTION	80	70	54	208/3/60	

ADD/ALTER/REPAIR
 PHYSICAL FINISHES CENTER
 BLDG. NO. 90233
 HURLEBURT FIELD, FLORIDA
 AIR FORCE SPECIAL OPERATIONS COMMAND
 APPROVED: [Signature]
 SUBMITTED: [Signature]
 CHIEF ENGINEER: [Signature]
 DESIGNED BY: [Signature]
 DRAWN BY: [Signature]
 DATE: 31 MAY 94
 SHEET: 26 OF 35
 PROJECT NO: FEV 93-1005A
 DRAWING NO: 94-027

A 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19



FIRST FLOOR PLAN - EXISTING

HVAC DUCTWORK & PIPING
 0 2 4 6 8
 GRAPHIC SCALE (FEET)

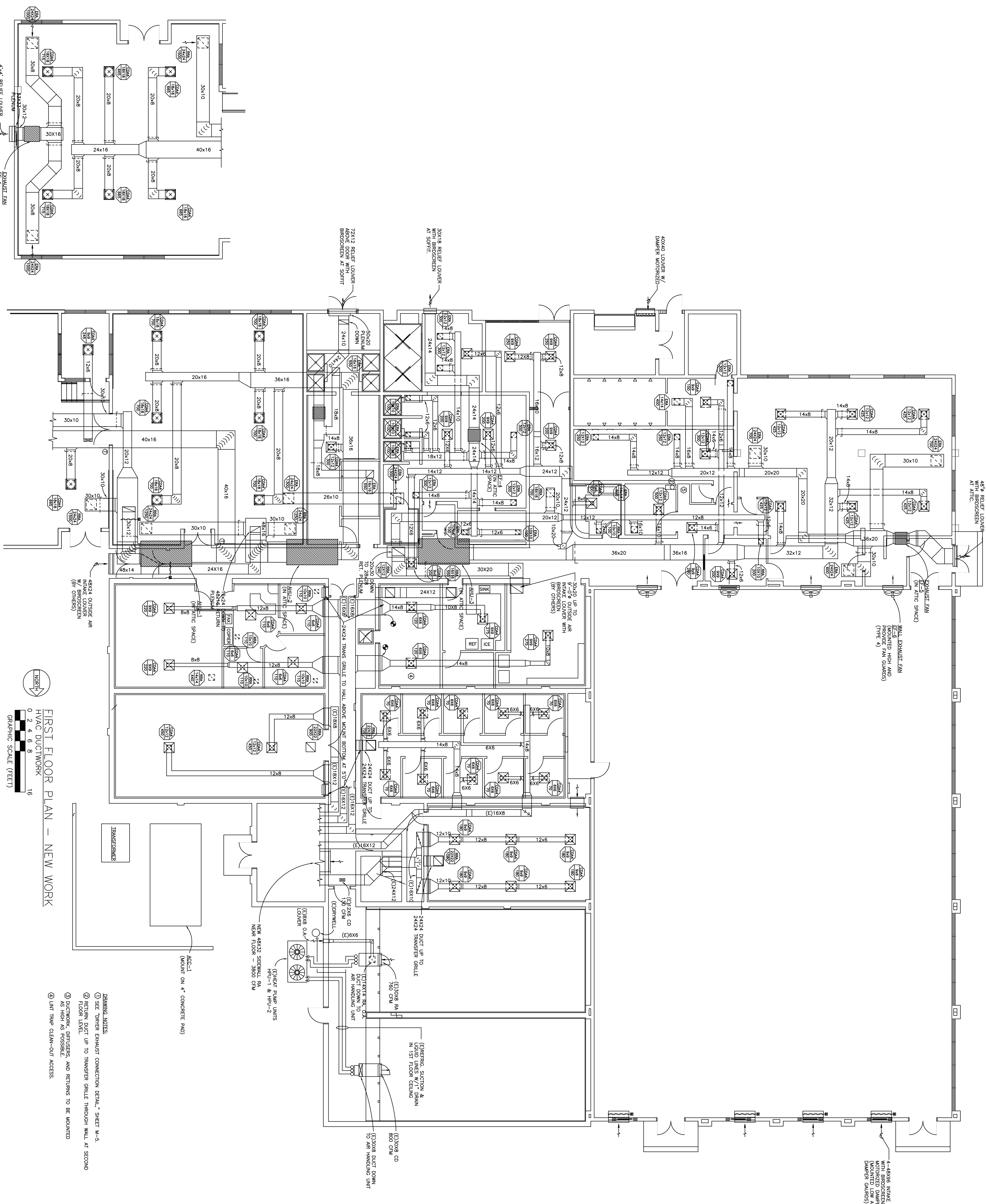
MECHANICAL LEGEND

- EXISTING PIPING & DUCTWORK OR EQUIPMENT TO REMAIN
- EXISTING PIPING & DUCTWORK OR EQUIPMENT TO BE REMOVED
- NEW PIPING & DUCTWORK OR EQUIPMENT

- GENERAL DEMOLITION NOTES:**
1. REMOVE ALL CONTROLS TO INCLUDE WIRING AND CONDUIT FOR MECHANICAL EQUIPMENT BE REMOVED UNLESS OTHERWISE NOTED.
 2. REMOVE SILL WIRING AND CONDUIT ASSOCIATED WITH ANY CONTROLS BEING REMOVED.

- DEMOLITION NOTES:**
- 1 OLD ABANDONED EXPANSION TANK TO BE REMOVED.
 - 2 EXISTING EXPANSION TANK TO REMAIN.
 - 3 EXISTING DOMESTIC HOT WATER STORAGE TANK TO REMAIN.
 - 4 EXISTING DOMESTIC HOT WATER BOILER, PIPING AND PUMP TO REMAIN.
 - 5 EXISTING PUMP TO BE REMOVED.
 - 6 EXISTING DOMESTIC HOT & COLD PIPING TO REMAIN.
 - 7 EXISTING BOILER TO BE REMOVED ALONG WITH ALL ASSOCIATED PIPING, SCHEMATIC AND SUPPLIES.
 - 8 EXISTING 2" VENT THROUGH ROOF TO BE REMOVED. CAP VENT THIRD FLOOR.
 - 9 EXISTING IN-LINE PUMP-HW-1 TO BE REMOVED.
 - 10 EXISTING EXPANSION TANK TO BE REMOVED.
 - 11 REMOVE THERMOSTAT AND SWITCH.
 - 12 REMOVE MAKE-UP WATER LINE BACK TO MAIN AND CAP.
 - 13 REMOVE BOILER PAD.
 - 14 REMOVE HVAC CONTROLS.
 - 15 EXISTING MAKE-UP TO REMAIN.
 - 16 EXISTING PUMP & AIR SEPARATOR TO BE REMOVED.
 - 17 EXISTING SMALL FA, NEAR FLOOR -200 CFM.

SHI. REF. M-2	PROJECT NO. FEV 93-1005A DRAWING NO. 94-027
CHIEF ENGINEER DRAWN BY KJH	CIVIL ENGINEER DESIGNED BY TB
DATE 5/4/95	DATE 31 MAY 94
ADDENDUM #3 DESCRIPTION AIR FORCE SPECIAL OPERATIONS COMMAND	ADDENDUM #5 ADDENDUM #3 DESCRIPTION ADD/ALT/PPR PHYSICAL FITNESS CENTER BLDG. NO. 90232 HURLBURT FIELD, FLORIDA
REV 16	REV 16
SUBMITTED	APPROVED
E/25/95 5/4/95	ARJ NRP MT



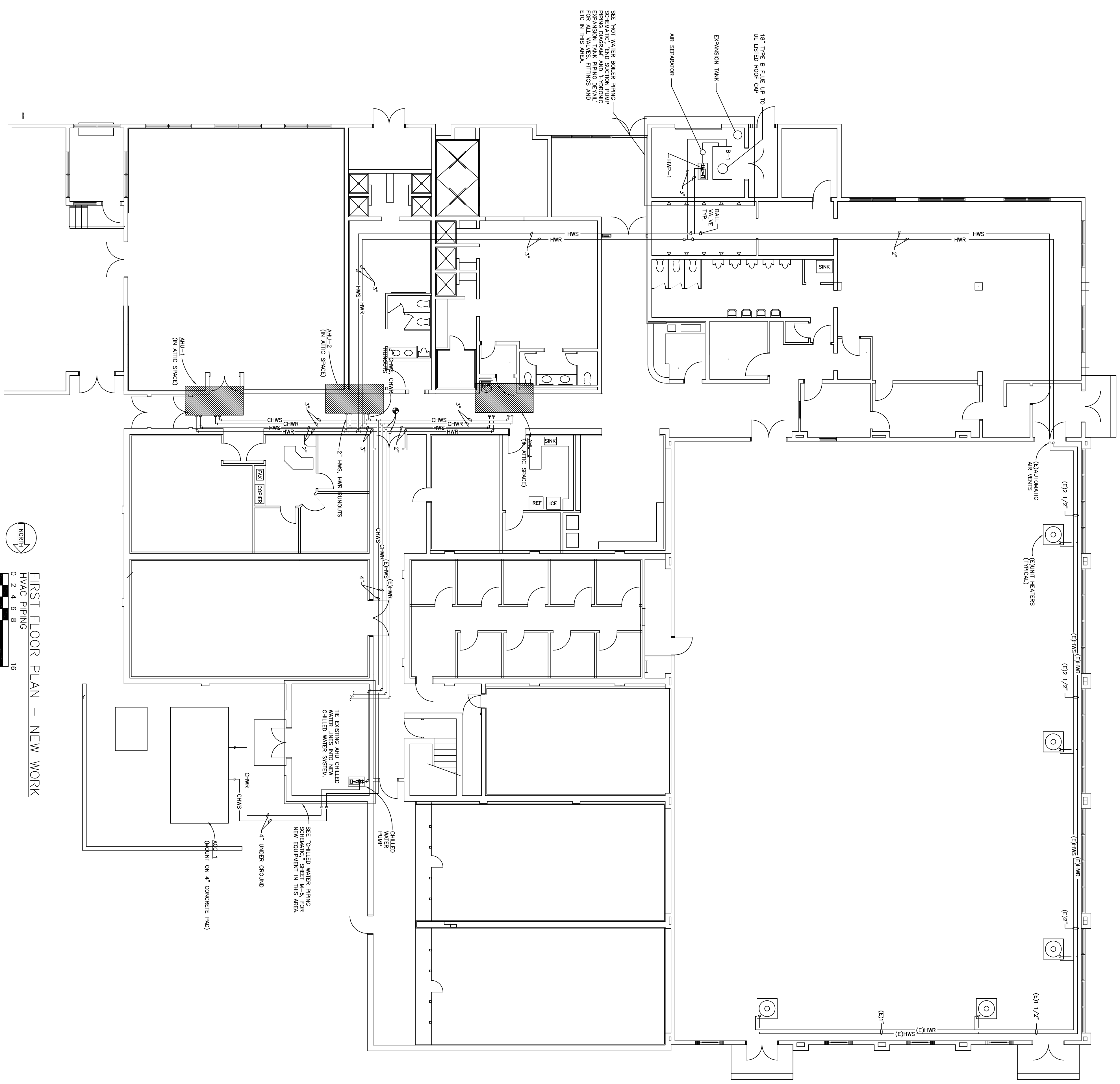
FIRST FLOOR PLAN - NEW WORK
 HVAC DUCTWORK
 GRAPHIC SCALE (FEET)
 0 2 4 6 8 16

- DRAWING NOTES:**
- ① SEE "OWNER EXHAUST CONNECTION DETAIL," SHEET M-5.
 - ② RETURN DUCT UP TO TRANSFER GRILLE THROUGH WALL AT SECOND FLOOR LEVEL.
 - ③ AIRWORK, REGISTER, AND RETURNS TO BE MOUNTED AS HIGH AS POSSIBLE.
 - ④ UNIT TRAP CLEAN-OUT ACCESS.

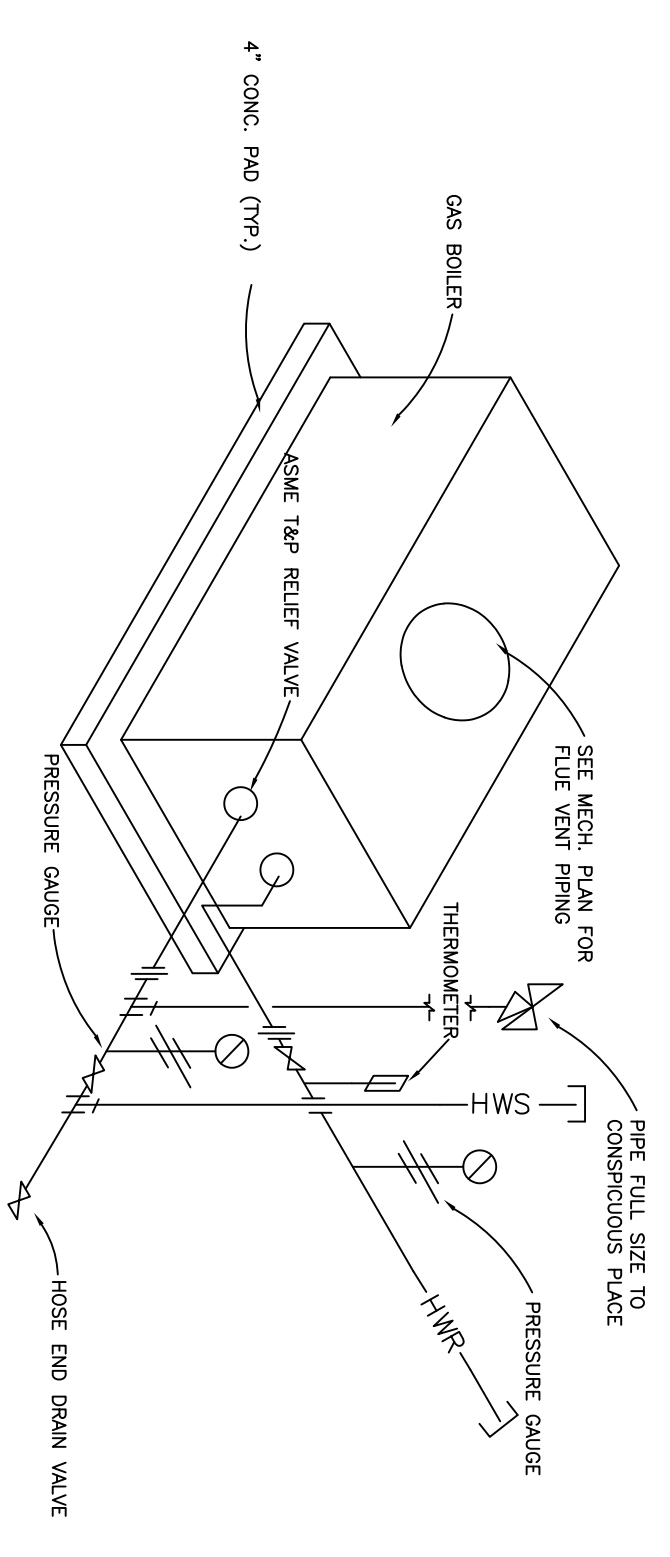
- GENERAL NOTES**
1. DUCTWORK SHALL BE INSTALLED UNDER EXISTING ROOF WITH ALL OTHER TRAVES AND EXISTING ELEMENTS FOR ROUTING OF DUCTWORK AND CONDUITS TO PROVIDE ADEQUATE CLEARANCE TO THE GOVT REGISTER AND GRILLES. SEE RELATED CEILING PLAN FOR EXACT LOCATIONS.
 2. DRAWING SHOWS GENERAL LOCATION OF ALL CEILING SPRINKLER REGISTERS AND GRILLES. SEE RELATED CEILING PLAN FOR EXACT LOCATIONS.

SHT. REF.:		M-3	
CHIEF ENGINEER	DESIGNED BY	CIVIL ENGINEER	SHEET
KLH	TB	31 MAY 94	28 OF 35
SCALE	PROJECT NO./REV	DATE	DRAWING NO.
AS NOTED	FEV 93-1005A	FEV 93-1005B	94-027
SUBMITTED		APPROVED	
AIR FORCE SPECIAL OPERATIONS COMMAND ADD/AIT/RRP PHYSICAL FITNESS CENTER BLDG. NO. 90232 HURLBURT FIELD, FLORIDA			

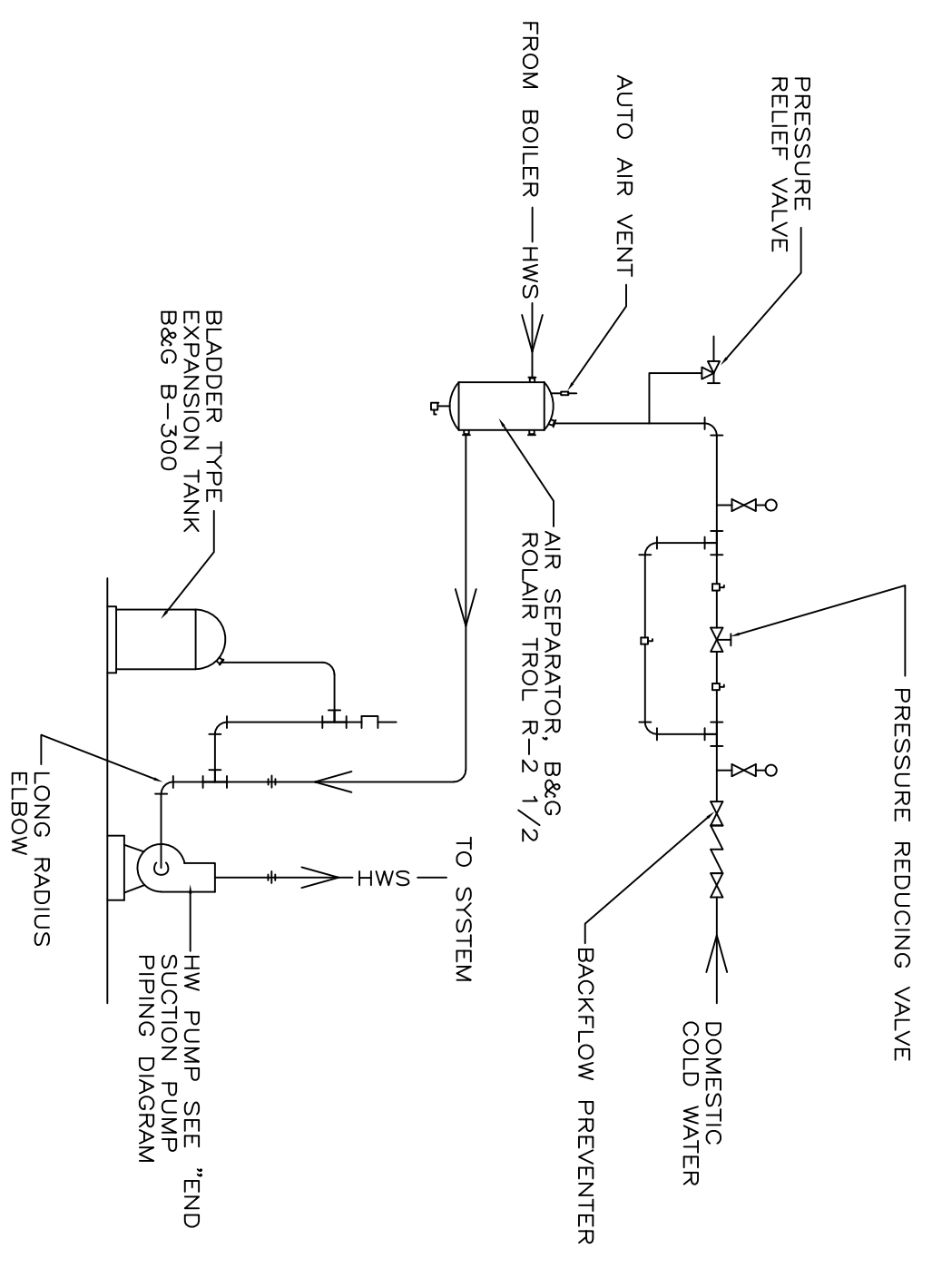
STANDARD E LAYOUT (28" X 40")



FIRST FLOOR PLAN - NEW WORK
HVAC PIPING
0 2 4 6 8 16
GRAPHIC SCALE (FEET)



NOTE: CONNECT EXISTING GAS PIPING TO NEW BOILER. VERIFY W/ OKALOOSA GAS FOR GAS AND PRESSURE REQUIREMENTS. PROVIDE NEW REGULATORS AS NEEDED.



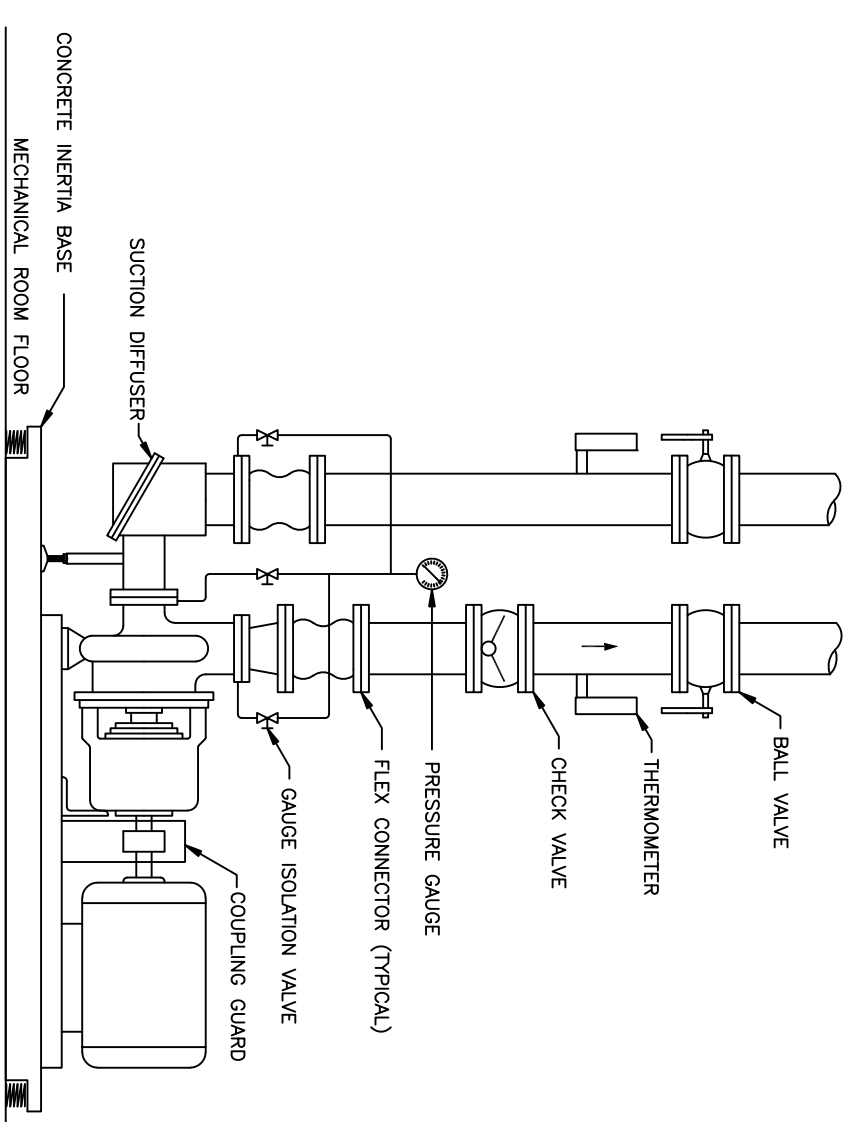
SEQUENCE OF OPERATION (HOT WATER SYSTEM)
HOT WATER PUMP HWP-1 SHALL BE STARTED BY HAND, AND SHALL RUN CONTINUOUSLY THROUGH THE BOILER. THE BOILER CONTROL MODEL SHALL FIRE THE BOILER IN STAGES AS REQUIRED TO MAINTAIN AN ENTERING WATER TEMPERATURE OF 150 DEGREES F.

REV	DATE	DESCRIPTION	BY	APP'D
1	25AUG98	ADDDDDW #		

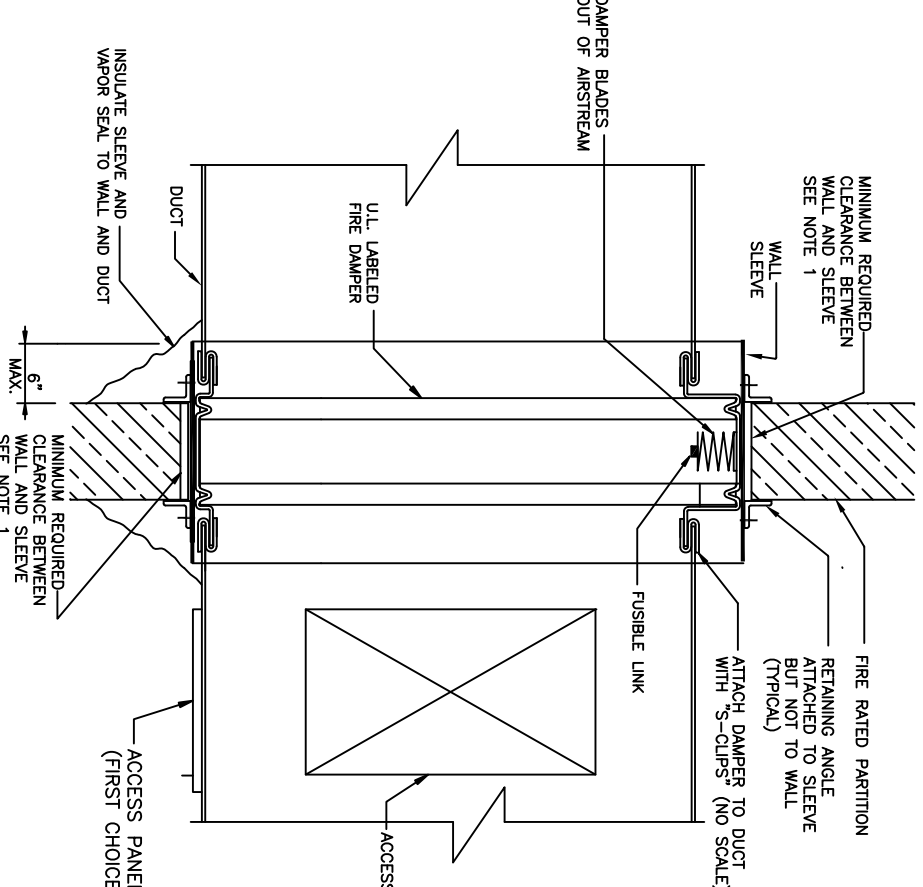
SHI. REF.	PROJECT NO.	DATE	SHEET
M-4	FEV 93-1005A	31 MAY 94	29 OF 35
	FEV 93-1005B		
	DRAWING NO.		94-027

CHIEF ENGINEER	CIVIL ENGINEER
DRAWN BY	DESIGNED BY
KJH	TB
SCALE	PROJECT NO.
AS NOTED	FEV 93-1005B

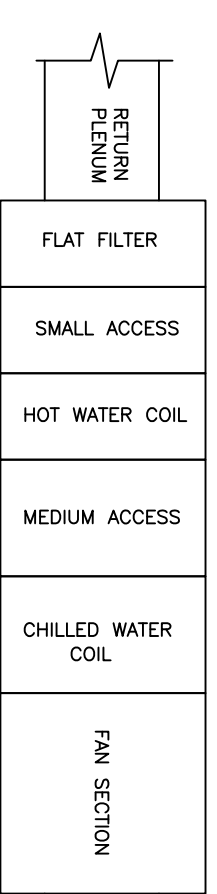
ADD/ALT/PPR	APPROVED
PHYSICAL FITNESS CENTER	
BLDG. NO. 90232	
HURLBURT FIELD, FLORIDA	



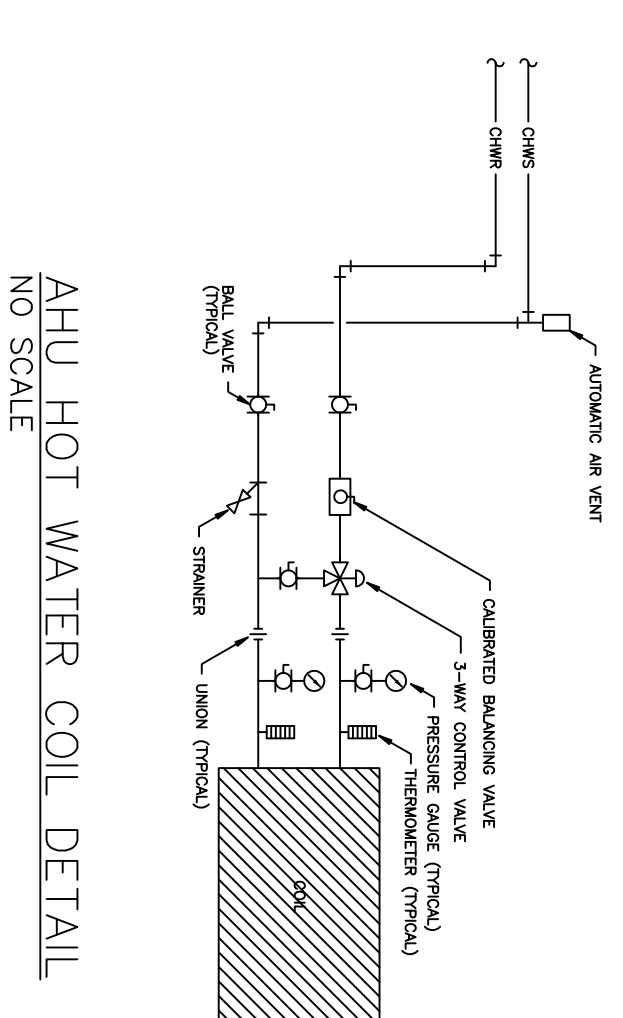
END SUCTION PUMP PIPING DIAGRAM
NO SCALE



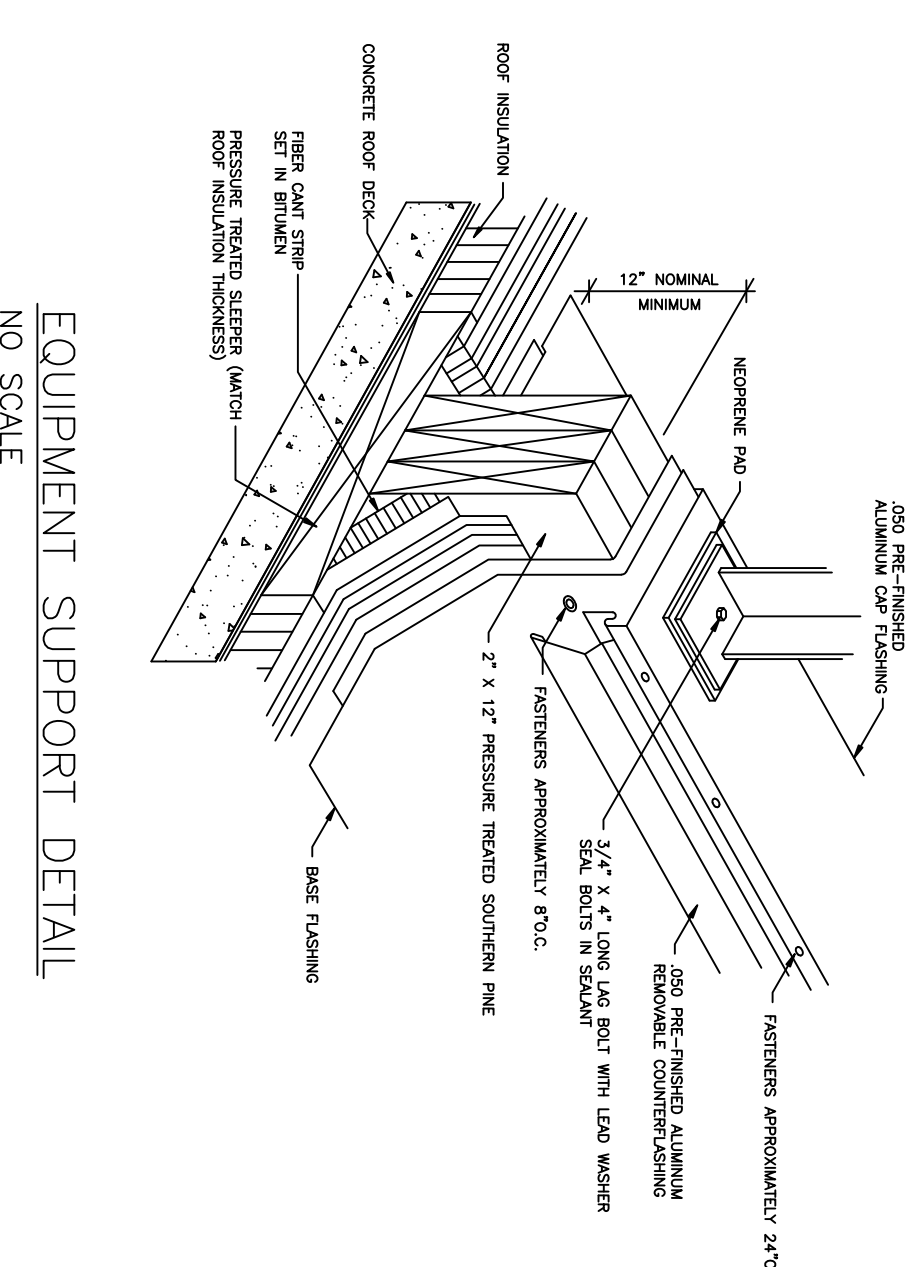
INSTALLATION OF FIRE DAMPER DETAIL
NO SCALE



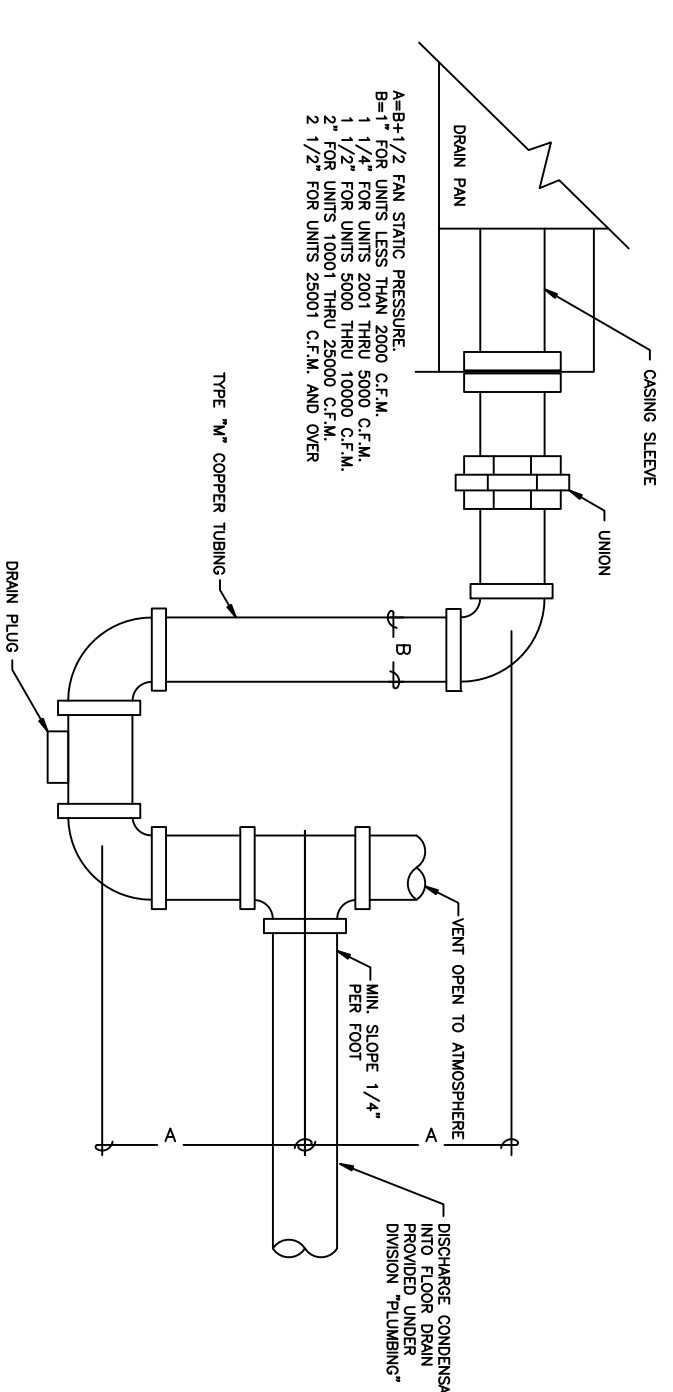
TYPICAL AHU COMPONENTS DETAIL
NO SCALE



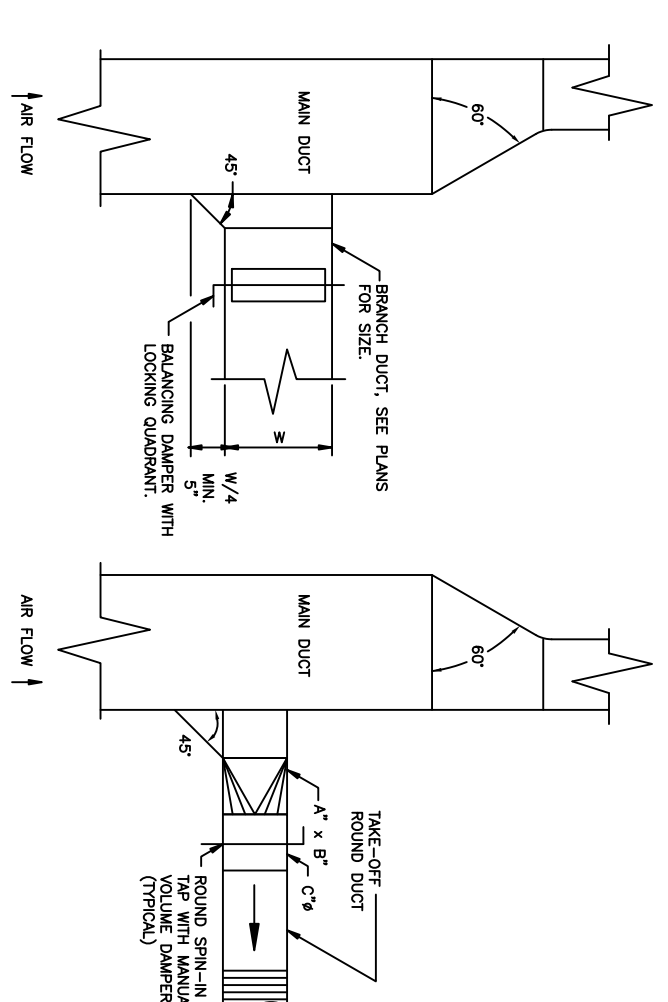
AHU HOT WATER COIL DETAIL
NO SCALE



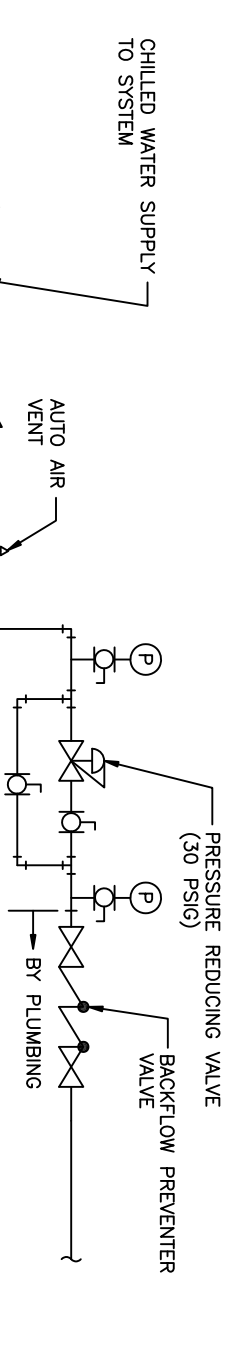
EQUIPMENT SUPPORT DETAIL
NO SCALE



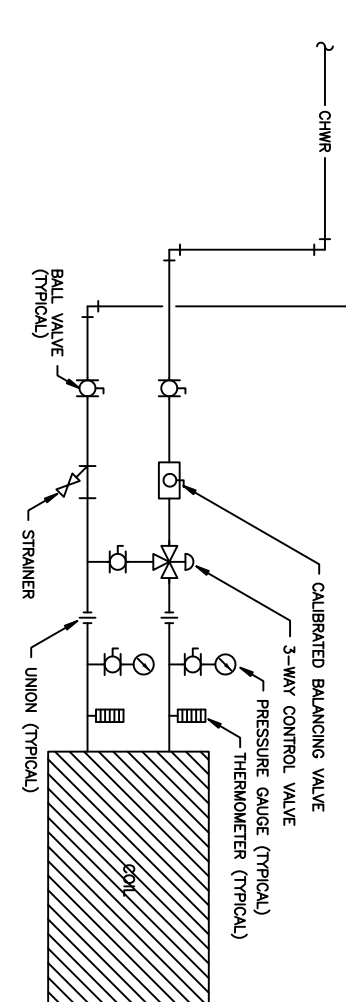
CONDENSATE DRAIN TRAP DETAIL
NO SCALE



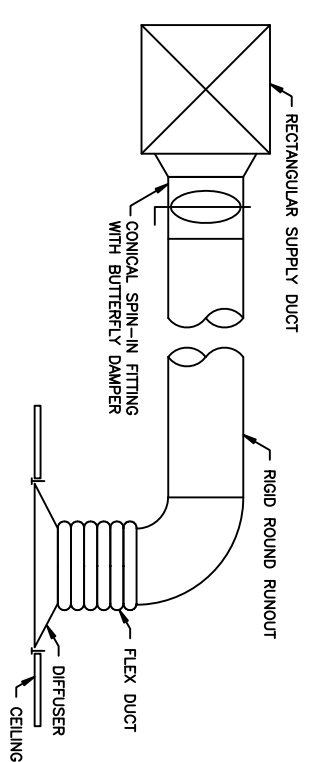
TYPICAL DUCT TAKE-OFF DETAIL
NO SCALE



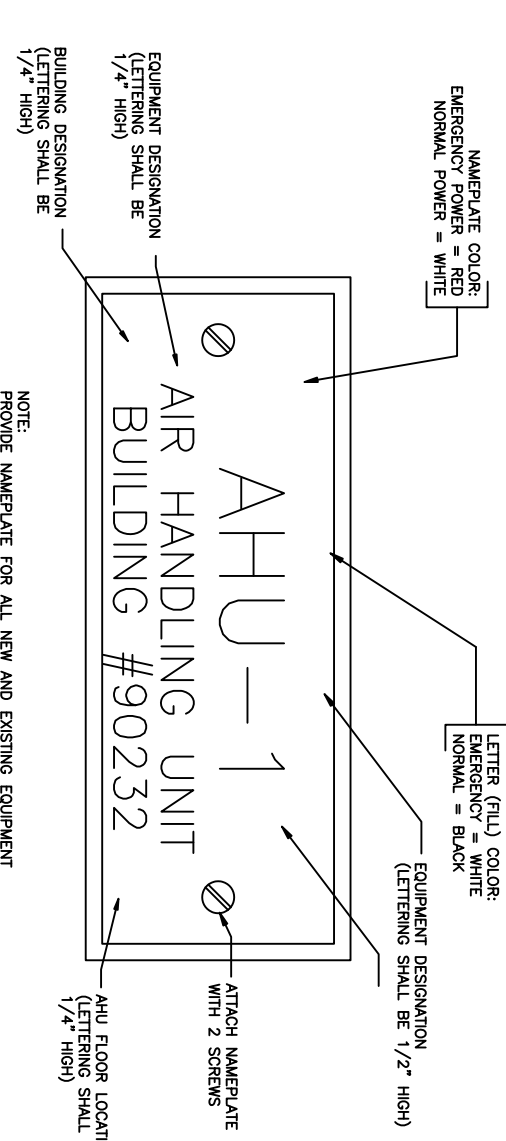
CHILLED WATER PIPING SCHEMATIC
NO SCALE



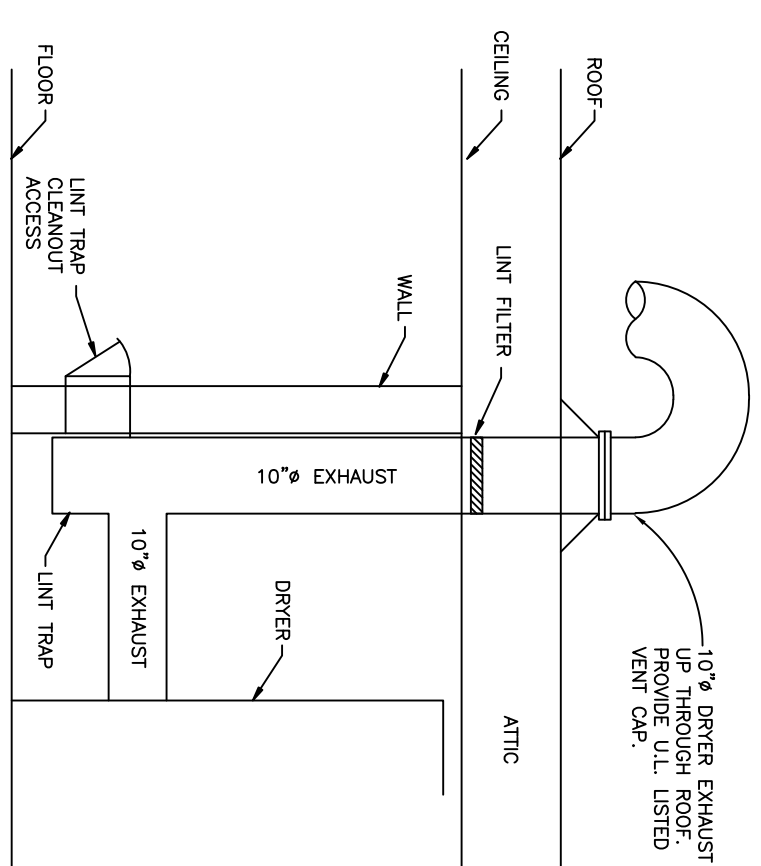
AHU CHILLED WATER COIL DETAIL
NO SCALE



OPTIONAL DIFFUSER RUN-OUT DETAIL
NO SCALE



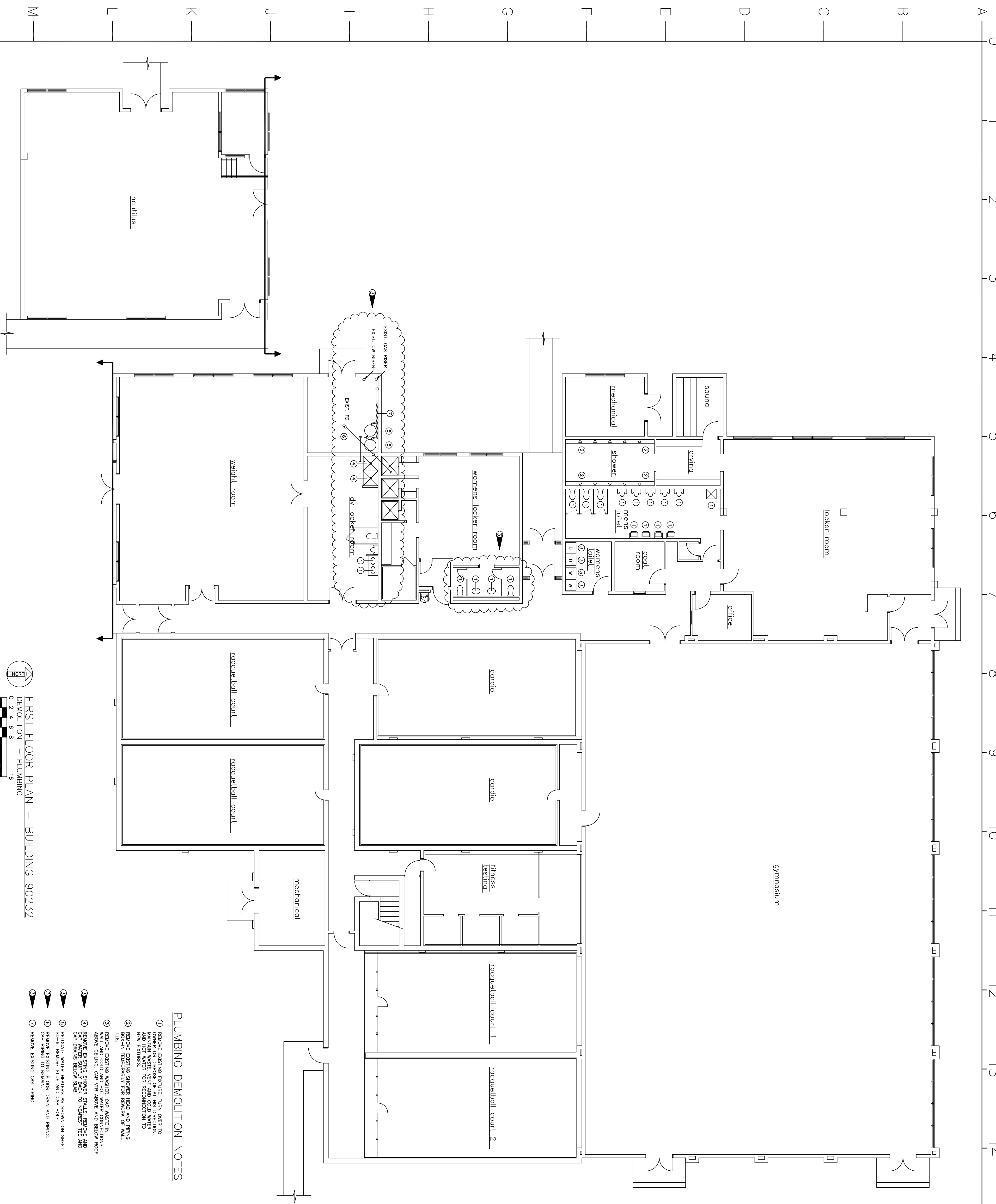
MECHANICAL EQUIPMENT NAMEPLATE DETAIL
NO SCALE



DRYER EXHAUST DETAIL
NO SCALE

- NOTES:
1. ALL CHANGES IN DIRECTION TO BE MADE & PRICED LONG SHEET ELS. VAN 1 1/2" B. CTRL.N. RADIOS.
 2. DUCTWORK SHALL BE FLANGED. JOINTS SHALL BE VAN STONE TYPE. DUCTWORK SHALL BE 20 GA. G-80 GALVANIZED STEEL WITH WELDED LONGITUDINAL JOINTS.
 3. DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SMOKE EXHAUSTION CODE SPECIFICATIONS STANDARDS.

SHI. REF.	M-5	CHIEF ENGINEER	CIVIL ENGINEER
DESIGNED BY	KJH	DESIGNED BY	TB
DATE	31 MAY 94	DATE	30 OF 35
PROJECT NO.	FEV 93-1005A	PROJECT NO.	FEV 93-1005A
SCALE	AS NOTED	DRAWING NO.	94-027
SUBMITTED		APPROVED	
ADD/ALT/PPP			
PHYSICAL FITNESS CENTER			
BLDG. NO. 90232			
HURLBURT FIELD, FLORIDA			
REV	DATE	DESCRIPTION	BY
1		REVISION	



- PLUMBING DEMOLITION NOTES**
- ① REMOVE EXISTING FUTURE TURN OVER TO MAINTAIN WASTE VENT AND COLD WATER AND HOT WATER FOR RECONNECTION TO NEW FLOORING
 - ② REMOVE EXISTING SINKS AND PIPING BOX-IN TEMPORARILY FOR REMOVAL OF WALL TILE
 - ③ REMOVE EXISTING WASHER CAP WASTE IN MECHANICAL ROOM AND PIPING ABOVE CEILING CAP VAP ABOVE AND BELOW ROOF
 - ④ REMOVE EXISTING SINKS, STUBS, REMOVE AND CAP WATER SUPPLY BACK TO NEAREST TE AND CAP DRAINS BELOW SLOE
 - ⑤ RELOCATE WATER HEATERS AS SHOWN ON SHEET SO-6, REMOVE FUEL AND CAP HOLE.
 - ⑥ REMOVE EXISTING FLOOR DRAIN AND PIPING, CAP PIPING TO RISER.
 - ⑦ REMOVE EXISTING GAS PIPING.

FIRST FLOOR PLAN - BUILDING 90232
 DEMOLITION - PLUMBING
 0 2 4 6 8 16
 GRAPHIC SCALE (FEET)

FIRST FLOOR PLAN
 DEMOLITION - PLUMBING

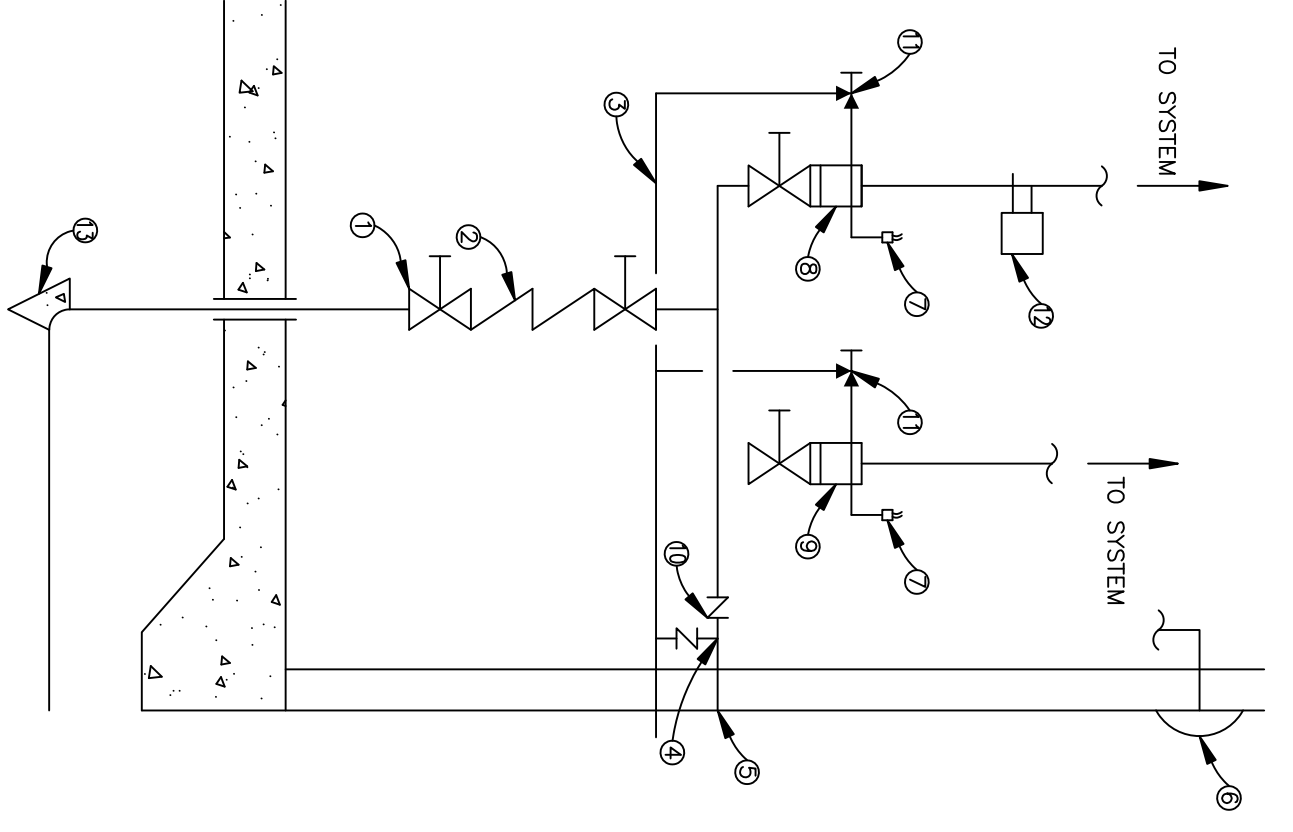
SHT. REF.	P-1
CHIEF ENGINEER	DESIGNED BY
DRAWN BY	DATE
TANNER	31 MAY 94
SCALE	PROJECT NO. FEV 93-1025A
AS NOTED	FLV 93-1025B
	DRAWING NO. 94-027

③	25AUG94	ADDENDUM #3	MT	MT
②	5/4/95	ADDENDUM #3	NEP	MT
REV	DATE	DESCRIPTION		

AIR FORCE SPECIAL OPERATIONS COMMAND

ADD/ALT/RRR
 PHYSICAL FITNESS CENTER
 BLDG. NO. 90232
 HURLBURT FIELD, FLORIDA

SUBMITTED _____ APPROVED _____

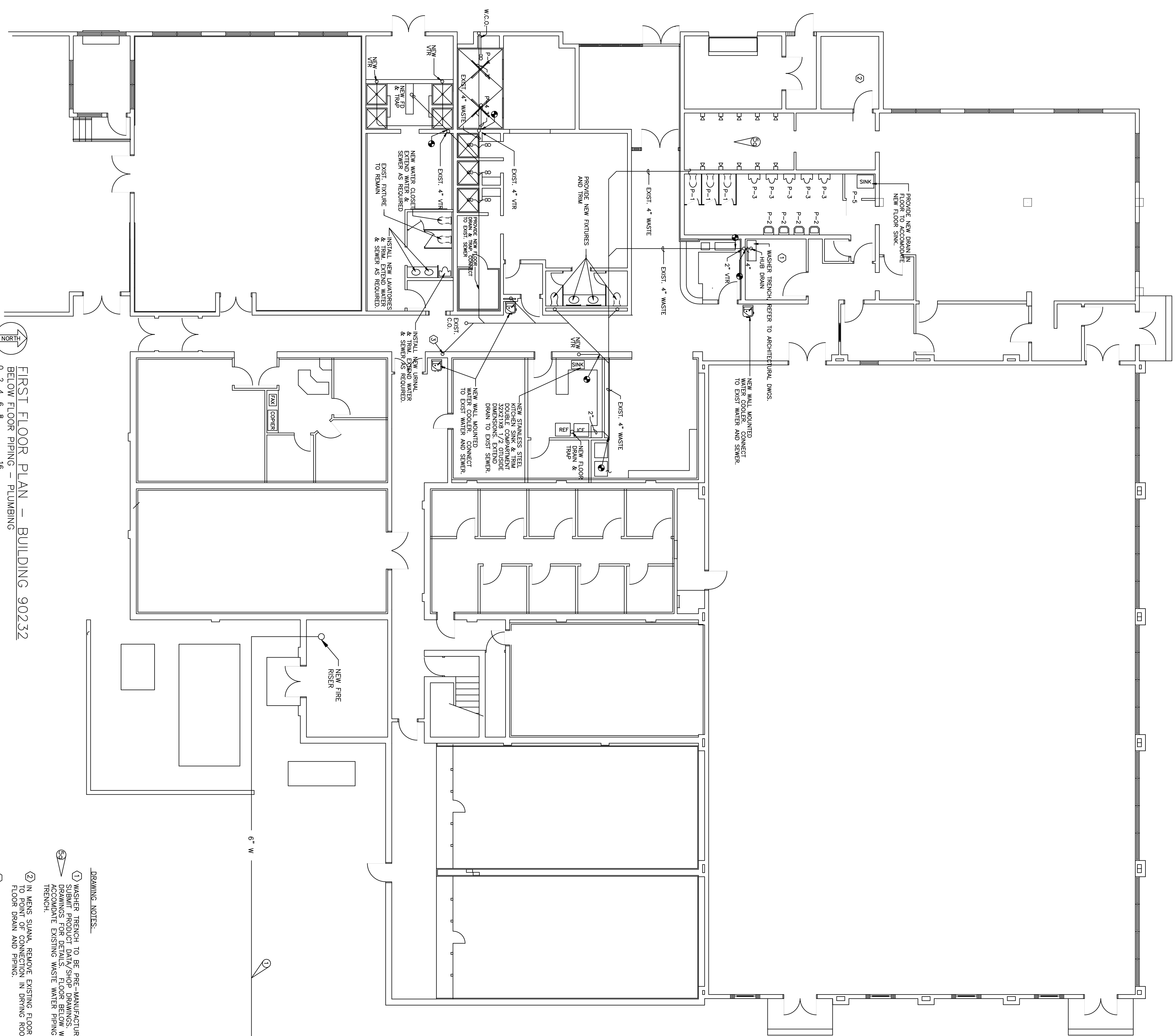
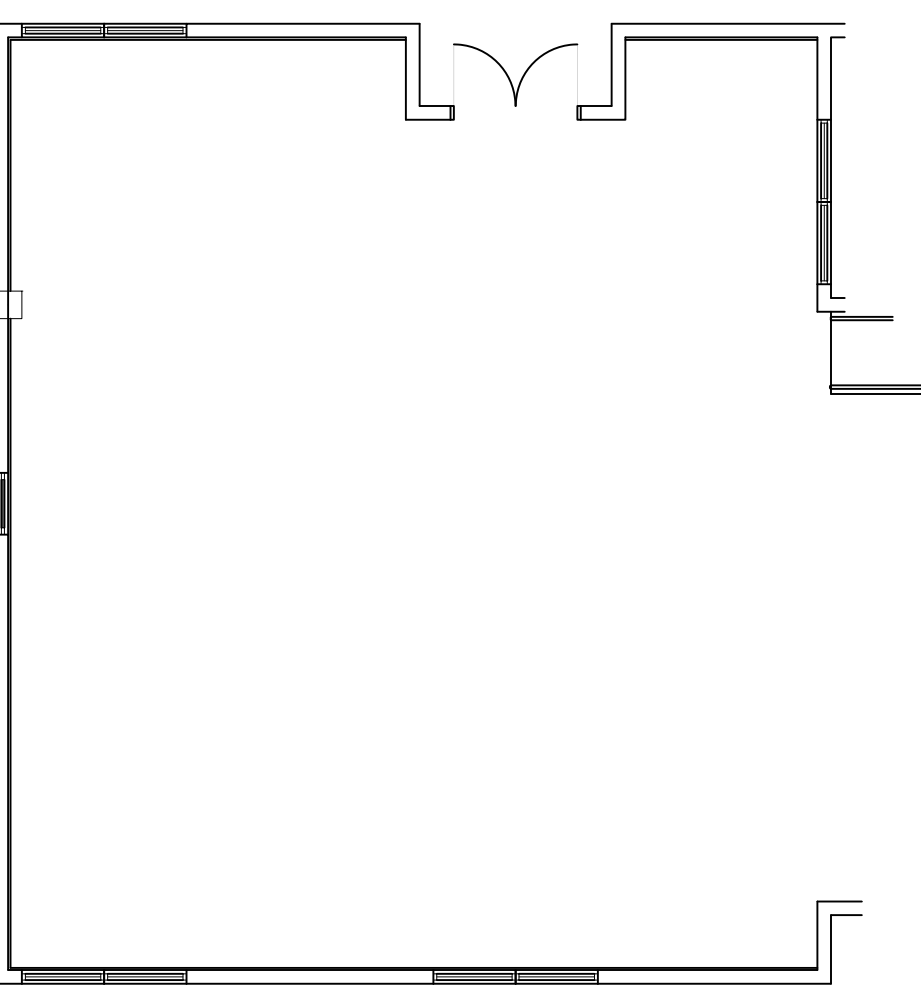


① FIRE RISER DIAGRAM

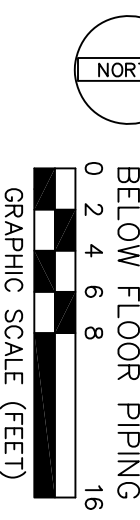
ITEM	DESCRIPTION	ITEM	DESCRIPTION
①	O.S. & Y. VALVE (2 REQ'D)	⑧	DRY PIPE ALARM VALVE
②	VERTICAL BACKFLOW PREVENTER	⑨	WET PIPE ALARM VALVE
③	WASH DRAIN	⑩	CHECK VALVE (TYP)
④	WATER MOTOR ALARM	⑪	FIRE DEPARTMENT CONNECTION
⑤	FIRE DEPARTMENT CONNECTION	⑫	AIR COMPRESSOR
⑥	WATER MOTOR ALARM	⑬	THRUST BLOCK
⑦	WATERFLOOD SWITCH		

① FIRE PROTECTION NOTES:

1. BUILDING TO BE FULLY SPRINKLED WITH WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13.
2. ALL VALVES SHALL BE SUPERVISED
3. TERMINATE OUTLET OF INSPECTORS TEST VALVE OUTSIDE BUILDING, 2'-0" ABOVE GRADE WITH SPLASH BLOCK.

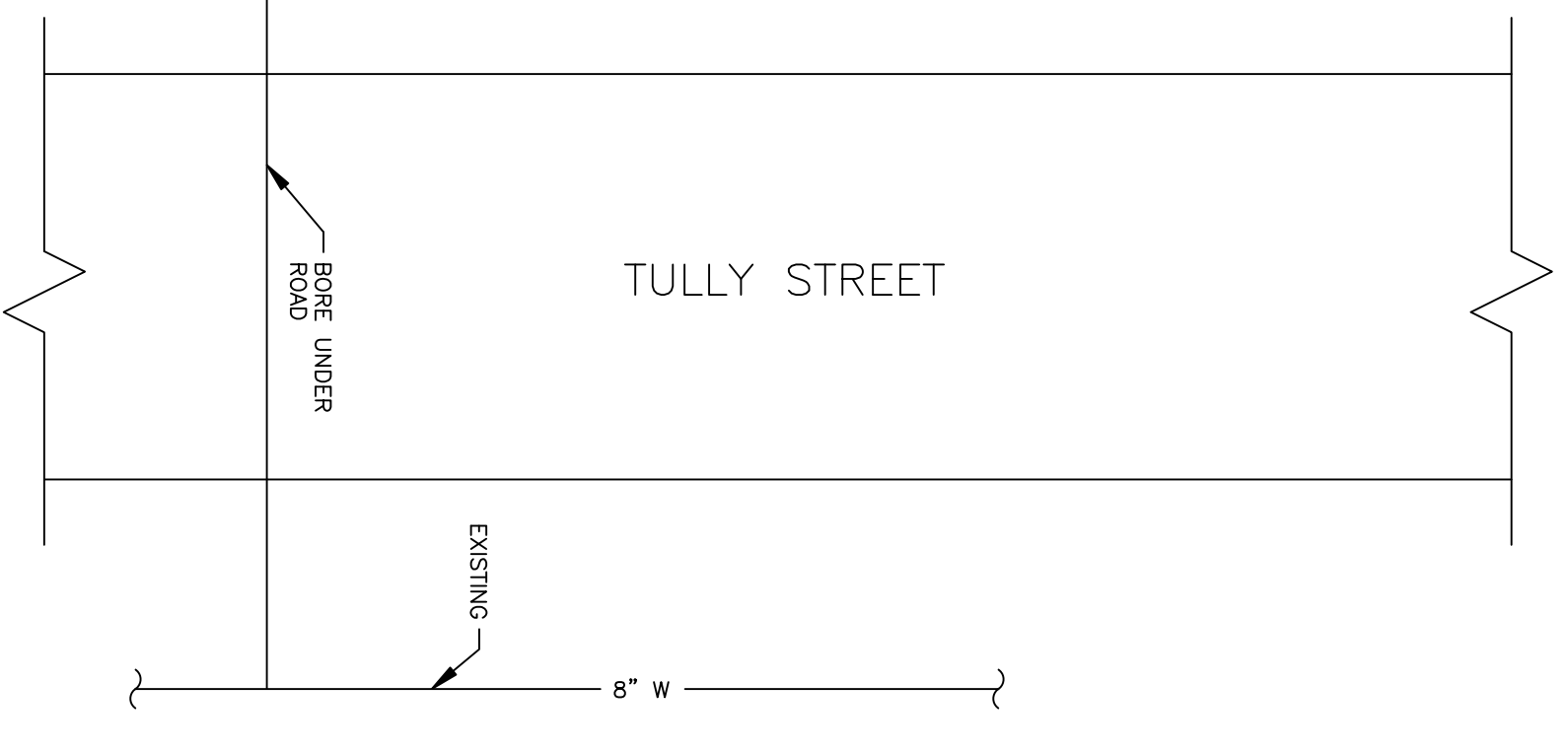


FIRST FLOOR PLAN - BUILDING 90232
BELOW FLOOR PIPING - PLUMBING



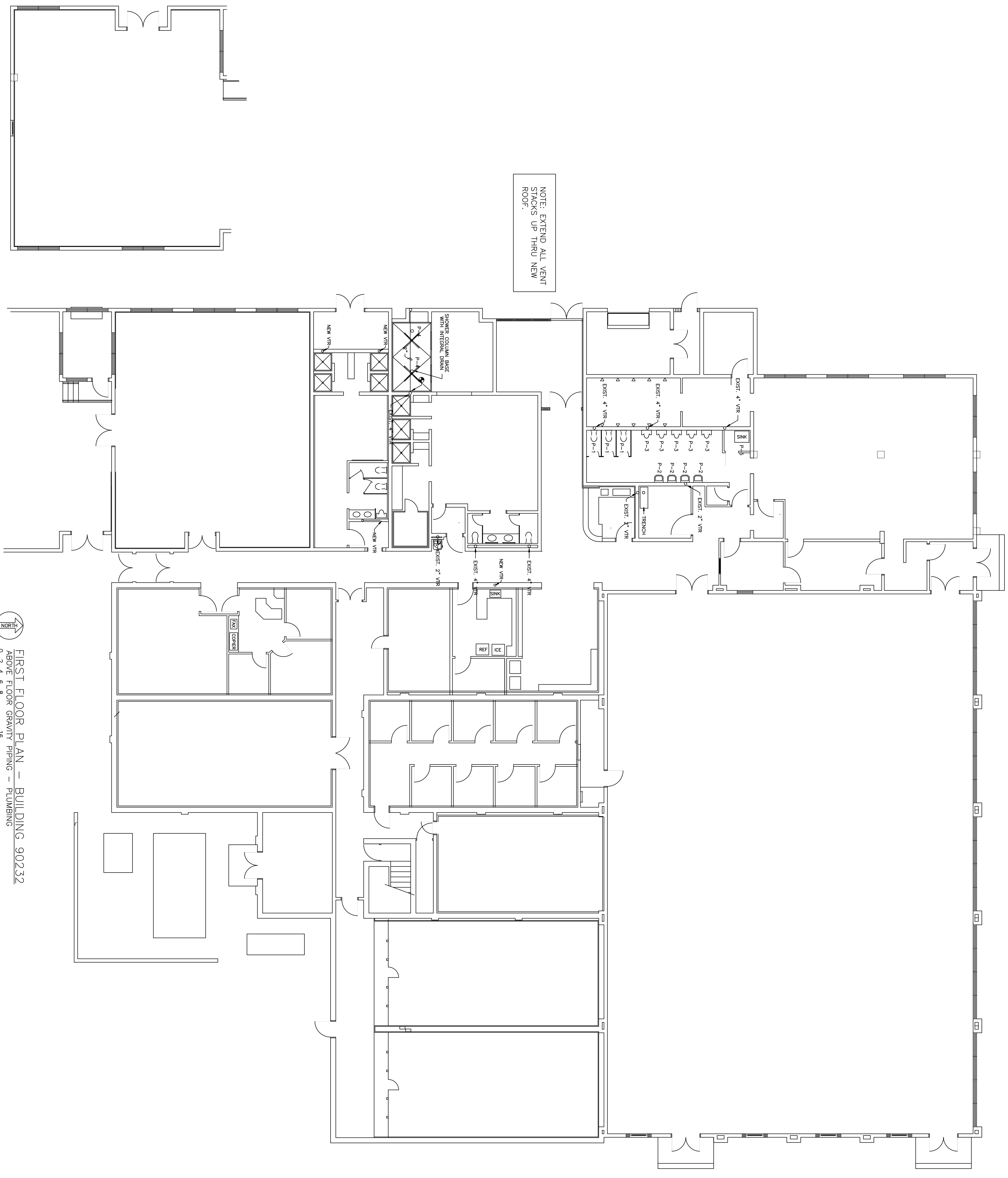
DRAWING NOTES:

- ① WASHER TRENCH TO BE PRE-MANUFACTURED UNIT OR CAST-IN PLACE SUBMIT PRODUCT DATA/SPECIFICATIONS. SEE ARCHITECTURAL DRAWING FOR TRENCH LOCATION AND TO FIT WASHER TRENCH.
- ② IN MEN'S STALL, REMOVE EXISTING FLOOR DRAIN AND PIPING BACK TO POINT OF CONNECTION IN DRINKING ROOM. INSTALL NEW 2" FLOOR DRAIN AND PIPING.
- ③ EXTEND DRAIN UP TO SINK ON SECOND FLOOR. SEE SHEET P-4 FOR LOCATION OF NEW SINK.



SUBMITTED APPROVED CHIEF ENGINEER DRAWN BY TANNER SCALE AS NOTED	APPENDIX #5 CORRECTIONS/CLEARIFICATIONS ADDENDUM #5 SPRINKLER ADDITION DESCRIPTION DRAWN APPROV'D	SKS MT SS MT	PFG MT MT
11/20/95 8/25/95 8/17/94	ADD/ALT/RRR PHYSICAL FITNESS CENTER BLDG. NO. 90232 HURLBURT FIELD, FLORIDA	11/20/95 8/25/95 8/17/94	11/20/95 8/25/95 8/17/94

FIRST FLOOR PLAN
BELOW FLOOR PIPING - PLUMBING
P-2

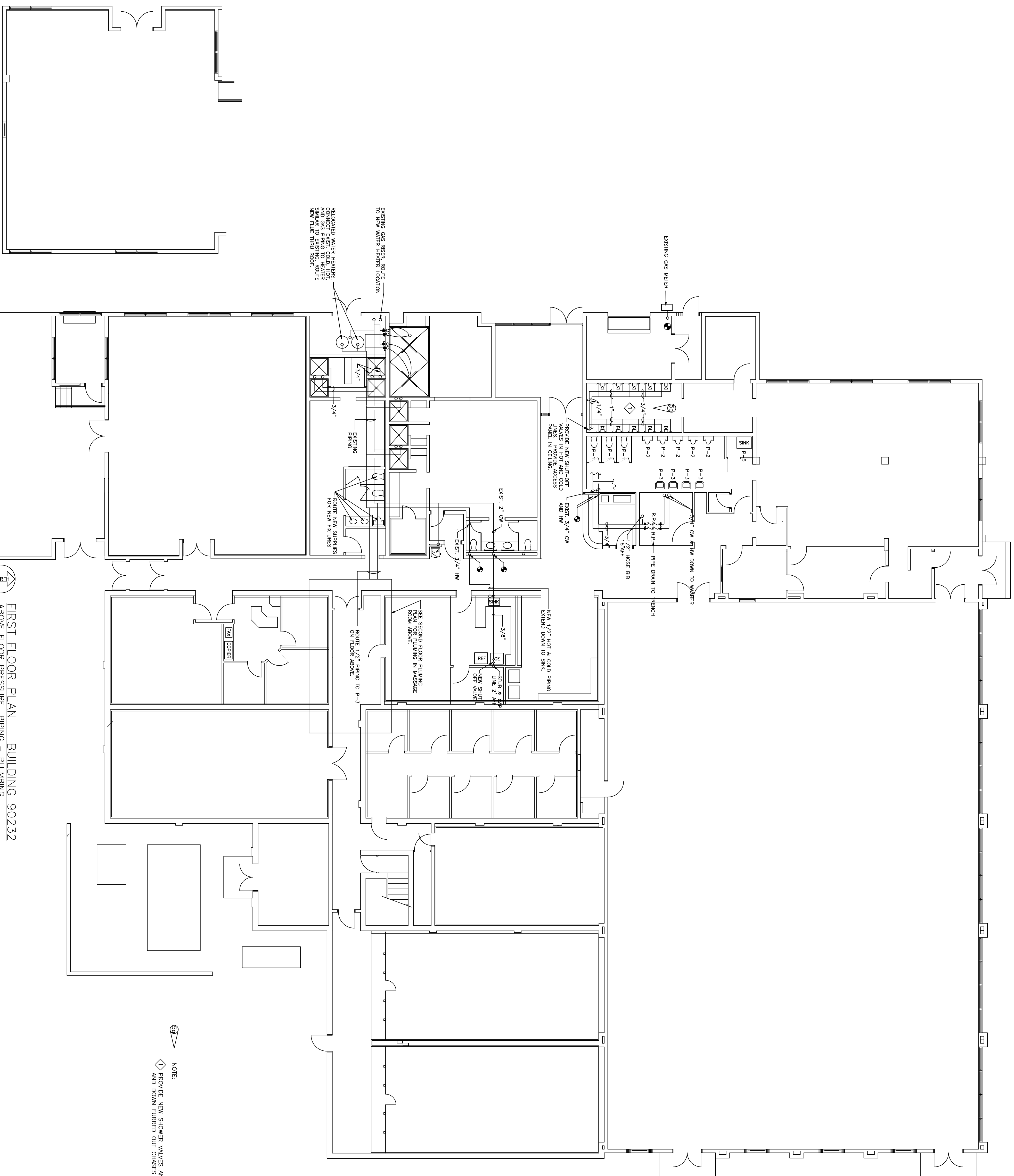


NOTE: EXTEND ALL VENT
 STACKS UP THRU NEW
 ROOF.

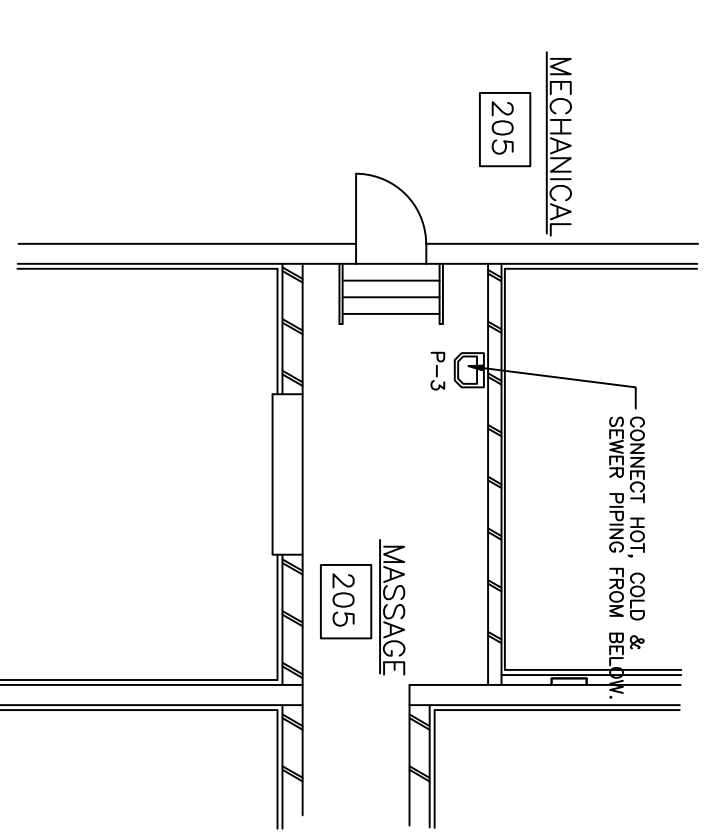


STANDARD E LAYOUT (28" X 40")
 FIRST FLOOR PLAN
 ABV FLR GRAVITY PIPE - PLUMBING
 SHI. REF. P-3
 SUBMITTED APPROVED
 HURLBURT FIELD, FLORIDA
 ADD/ALT/PPR
 PHYSICAL FITNESS CENTER
 BLDG. NO. 90232
 CIVIL ENGINEER
 DESIGNED BY DATE
 TANNER 31 MAY 94
 PROJECT NO. FEV 93-1005A DRAWING NO. 94-027
 SCALE AS NOTED SHEET 23 OF 35

REV	DATE	APPROV #	DESCRIPTION	DRWN	APPRD
1	20 JUL 93		AIR FORCE SPECIAL OPERATIONS COMMAND		



FIRST FLOOR PLAN – BUILDING 90232
 ABOVE FLOOR PRESSURE PIPING – PLUMBING
 0 2 4 6 8 16
 GRAPHIC SCALE (FEET)



SECOND FLOOR PLUMBING PLAN
 0 2 4 6 8 16
 GRAPHIC SCALE (FEET)

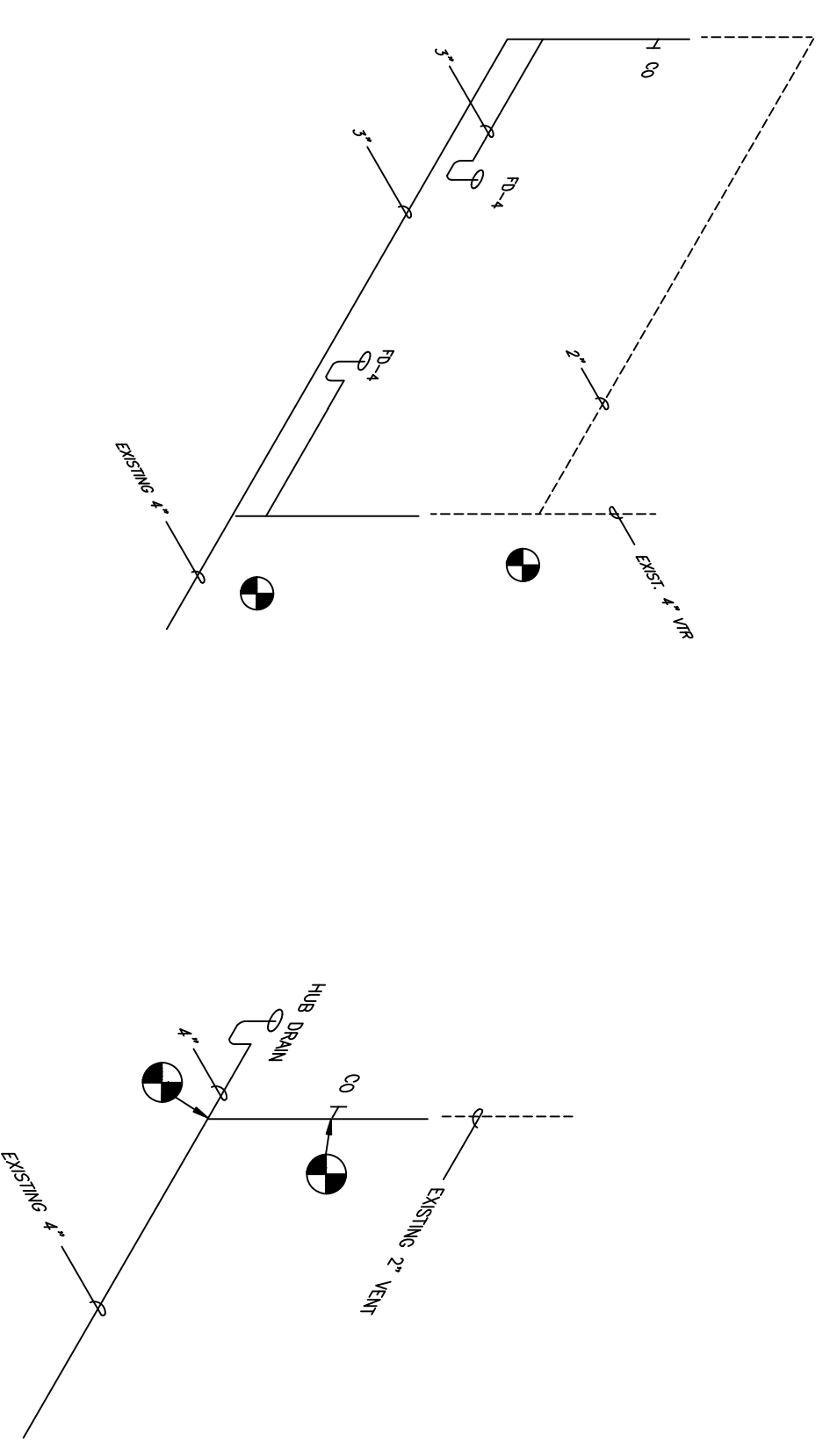
NOTE:
 PROVIDE NEW SHOWER VALVES AND HEAD. ROUTE PIPING ABOVE CEILING AND DOWN FURRED OUT CHESSES TO NEW MIXING VALVES.

FIRST FLOOR PLAN
 ABV FLR PRESS PIPE – PLUMBING

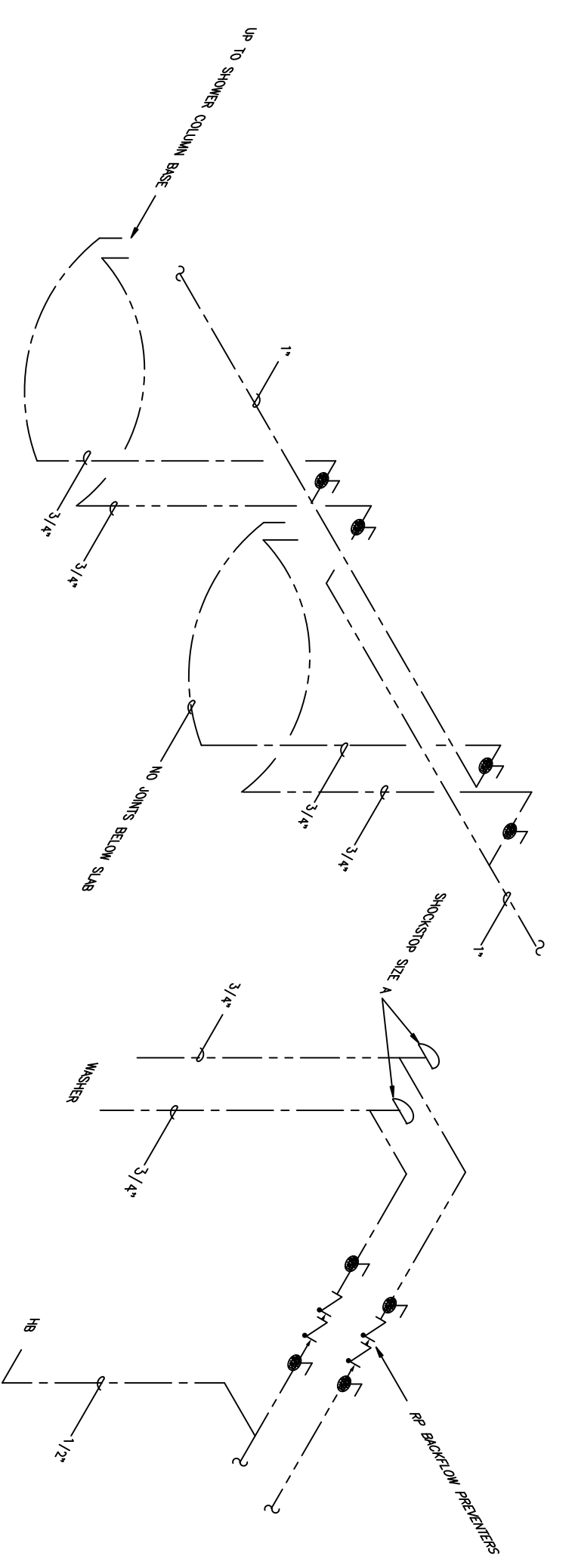
SHT. REF.	P-4
CHIEF ENGINEER	CIVIL ENGINEER
DRAWN BY	TANNER
DATE	31 MAY 94
SCALE	AS NOTED
PROJECT NO.	FEV 93-1005A
DRAWING NO.	44-027

ADD/ALT/PPR	PHYSICAL FITNESS CENTER
BLDG. NO.	90232
HURLBURT FIELD,	FLORIDA
DESCRIPTION	AIR FORCE SPECIAL OPERATIONS COMMAND
ADDENDUM #5	QUALIFICATIONS/CORRECTIONS
DATE	8/25/95
MT.	MT.
MT.	MT.
MT.	MT.
MT.	MT.

WASTE AND VENT RISER
NO SCALE

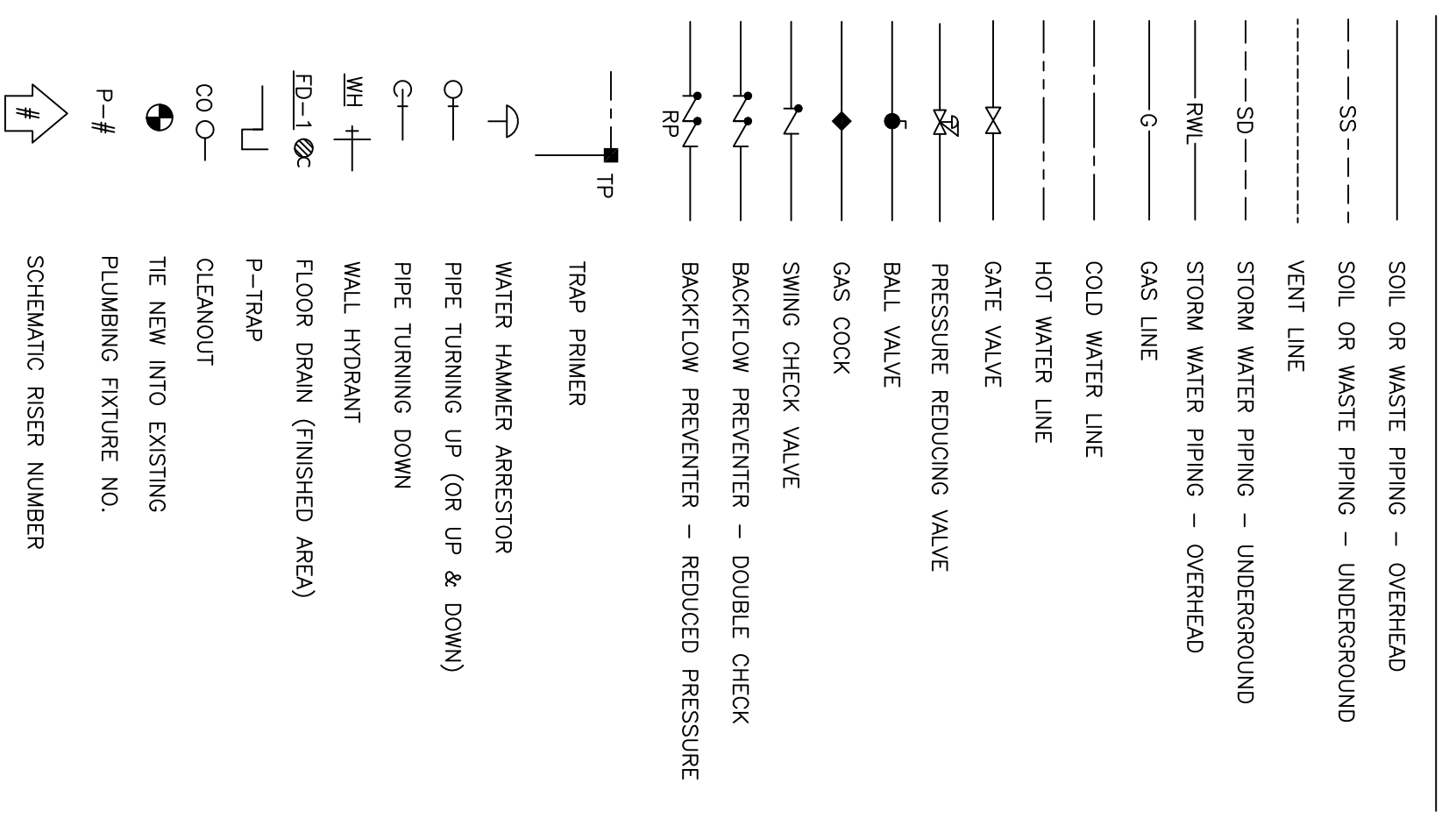


DOMESTIC WATER RISERS
NO SCALE



ITEM	DESCRIPTION	WATER		WASTE	VENT	REMARKS
		COLD	HOT			
P-1	WATER CLOSET (FLOOR MOUNTED)	1"	---	4"	2"	REPLACE FIXTURE AND FLUSH VALVE
P-2	URINAL	3/4"	---	2"	2"	REPLACE FIXTURE AND FLUSH VALVE
P-3	WATER CLOSET (WALL HUNG)	1/2"	---	1 1/4"	2"	REPLACE FIXTURE AND FLUSH VALVE
P-4	SHOWER COLUMN	3/4"	3/4"	3"	2"	PREPARED LINE
P-5	SERVICE SINK	1/2"	1/2"	1 1/2"	2"	REPLACE FIXTURE AND FACET

PLUMBING LEGEND



PLUMBING ABBREVIATIONS

- ABV. ABOVE FINISHED FLOOR
- ARCH. ARCHITECTURAL
- B.F.F. BELOW FINISHED FLOOR
- C.F.F. CUBIC FEET/HOUR
- CM. CEMENT MORTAR
- DN. DOWN
- DS. DOWN SPOUT
- DWG. DRAWING
- EXIST. EXISTING
- FR. FLOW
- GPH. GALLONS PER HOUR
- GPM. GALLON PER MINUTE
- HR. HOUR
- HWR. HOT WATER RETURN
- IN. INCHES
- LBS. POUNDS
- MANHOLE MANHOLE
- MIN. MINIMUM
- MIN. MINIMUM
- PSI. POUNDS PER SQUARE INCH
- SPRINGS. SPRINGS
- T.V.R. THROUGH ROOF
- V.S. VENT STACK
- WS. WASTE STACK

LEGEND, SCHEDULES, & DETAILS

REV	DATE	DESCRIPTION	MT	MT
1	31 MAY 94	ADD/ALT/PPR PHYSICAL FITNESS CENTER BLDG. NO. 90232 HURLBURT FIELD, FLORIDA		

SHI. REF. P-5	DESIGNED BY TANNER	DATE 31 MAY 94	SHEET 25 OF 35
	PROJECT NO. FEV 93-1005A	DRAWING NO. 94-027	

CHIEF ENGINEER	CIVIL ENGINEER
DRAWN BY TANNER	DATE 31 MAY 94
SCALE AS NOTED	DRAWING NO. 94-027