

**WRANGELL MARINE TERMINAL BUILDING**

**WRANGELL , ALASKA**

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES

**PROJECT NO. H 78017**

**ISSUE DATE:**

AS-BUILT  
DATE

APPROVED

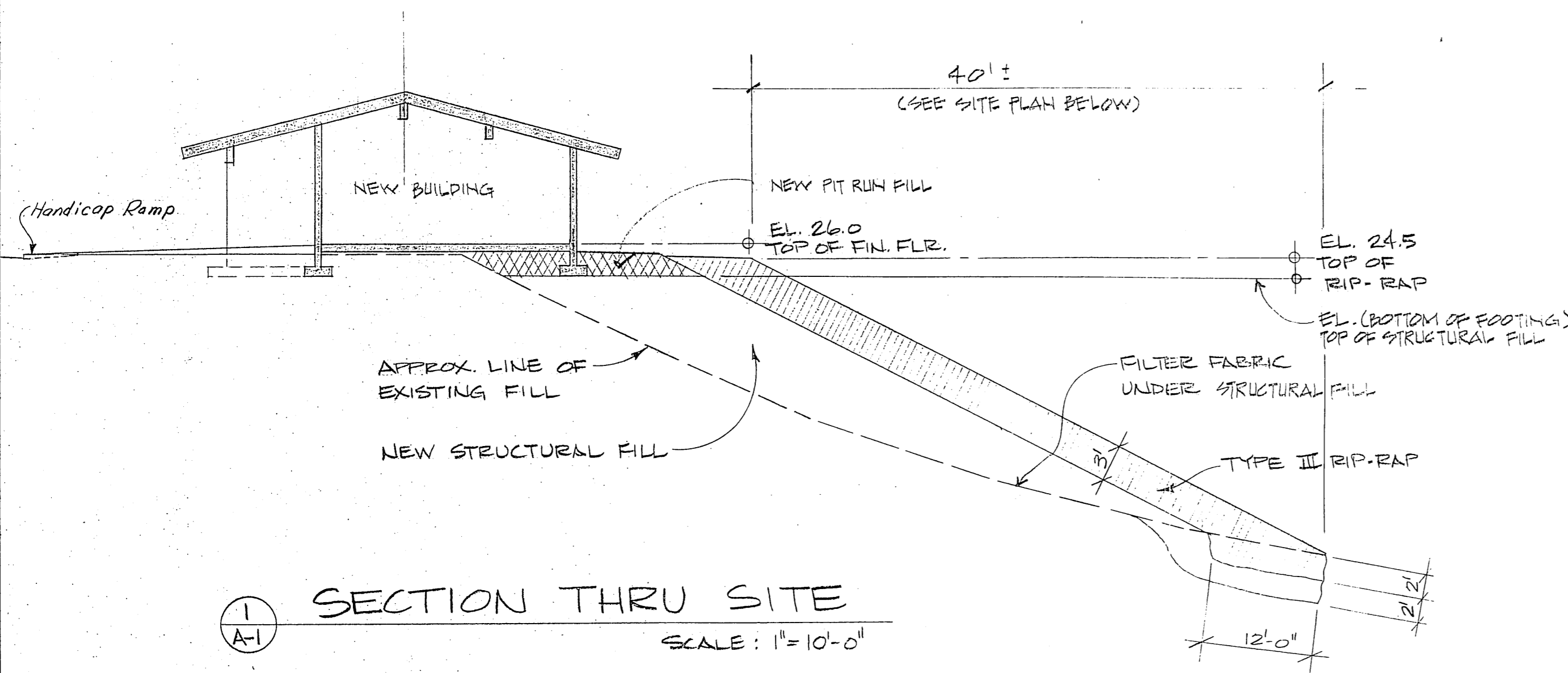
*Charles W. ...* Date 4/22/63

DIRECTOR S.E. DESIGN AND CONSTRUCTION

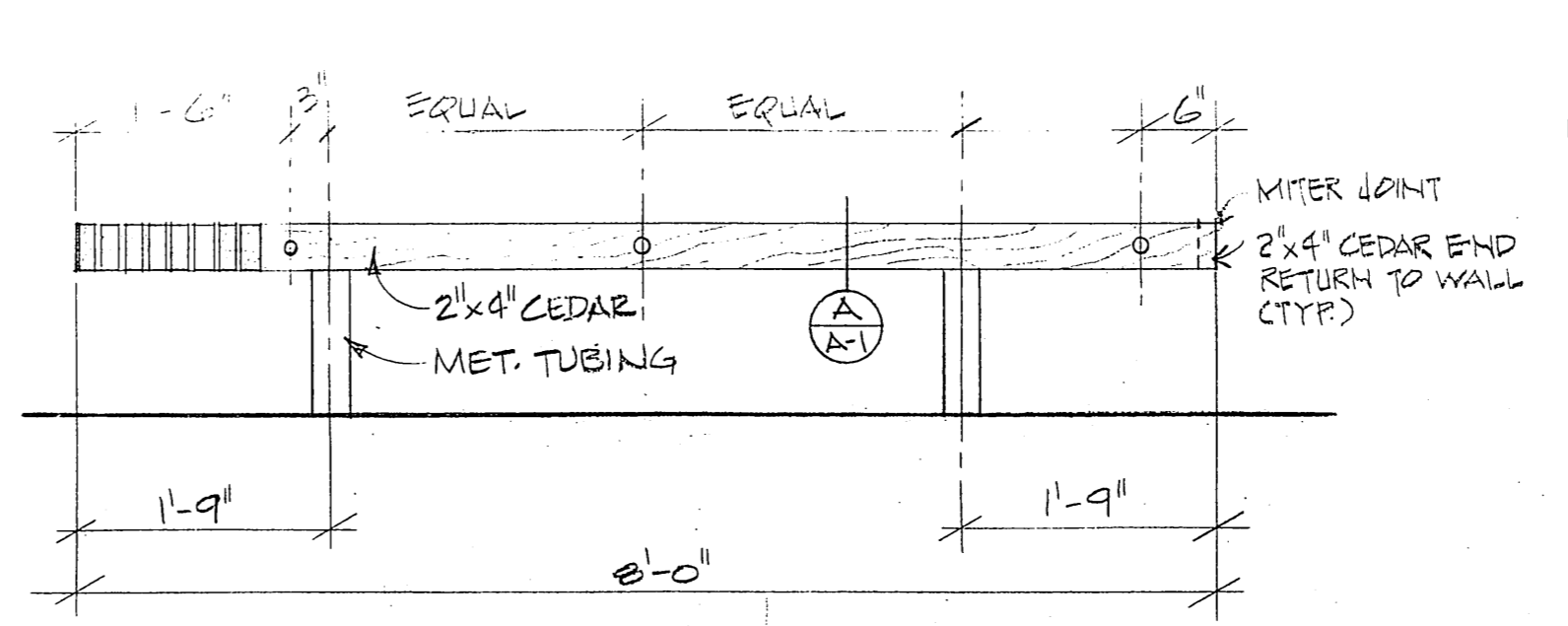
APPROVED

*William ...* Date 4/22/63

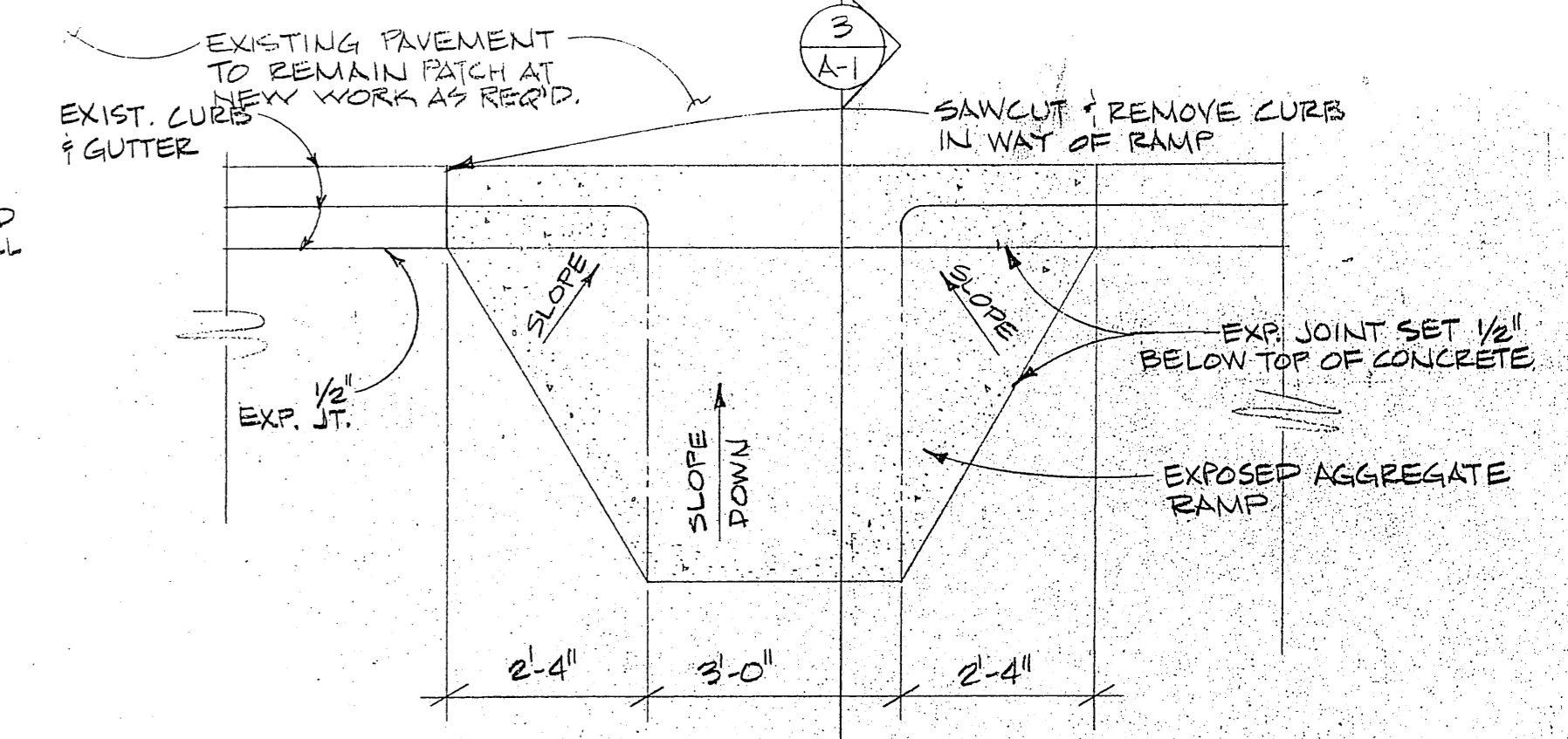
CHIEF S.E. BUILDING DESIGN AND CONSTRUCTION



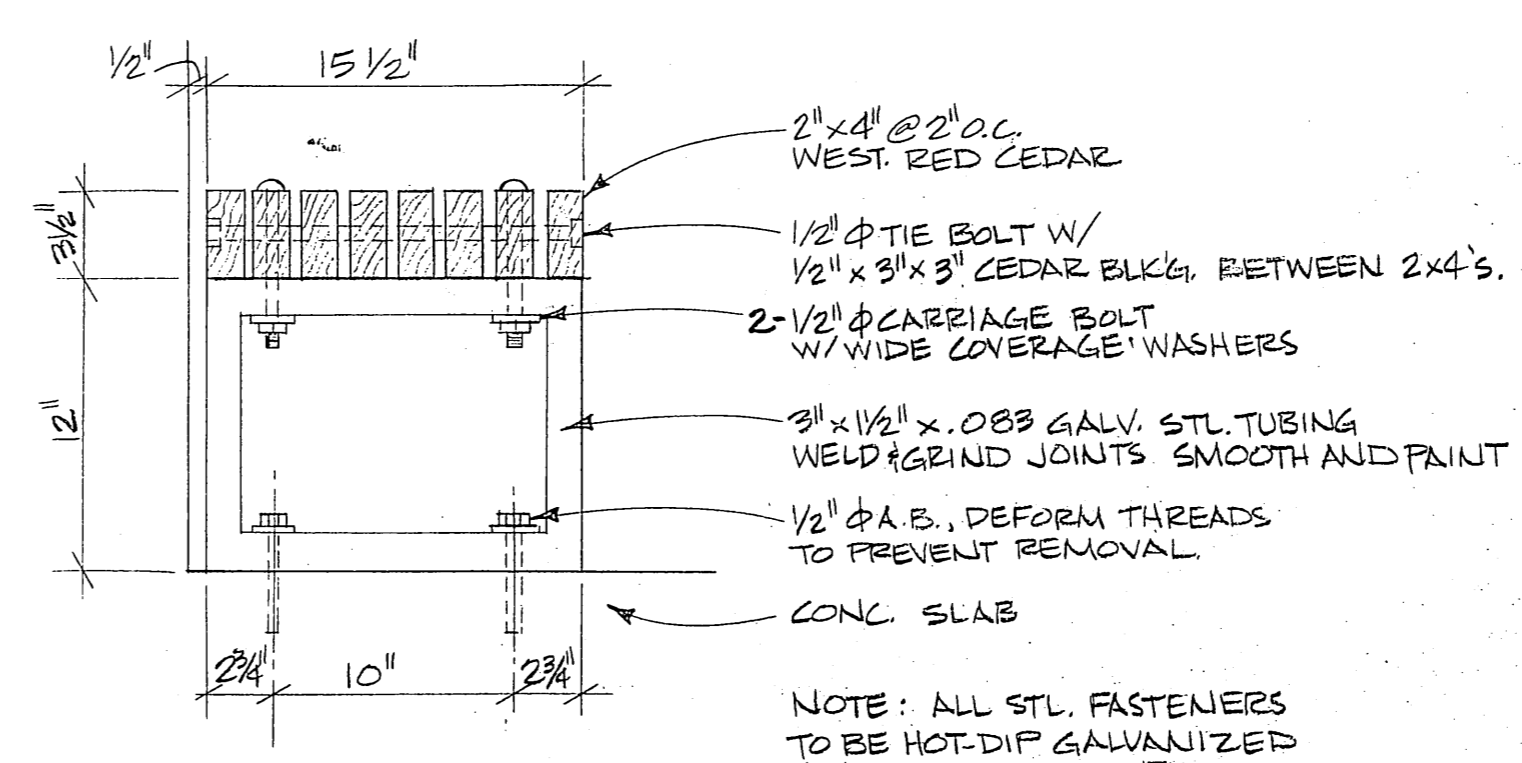
1 SECTION THRU SITE  
SCALE: 1" = 10'-0"



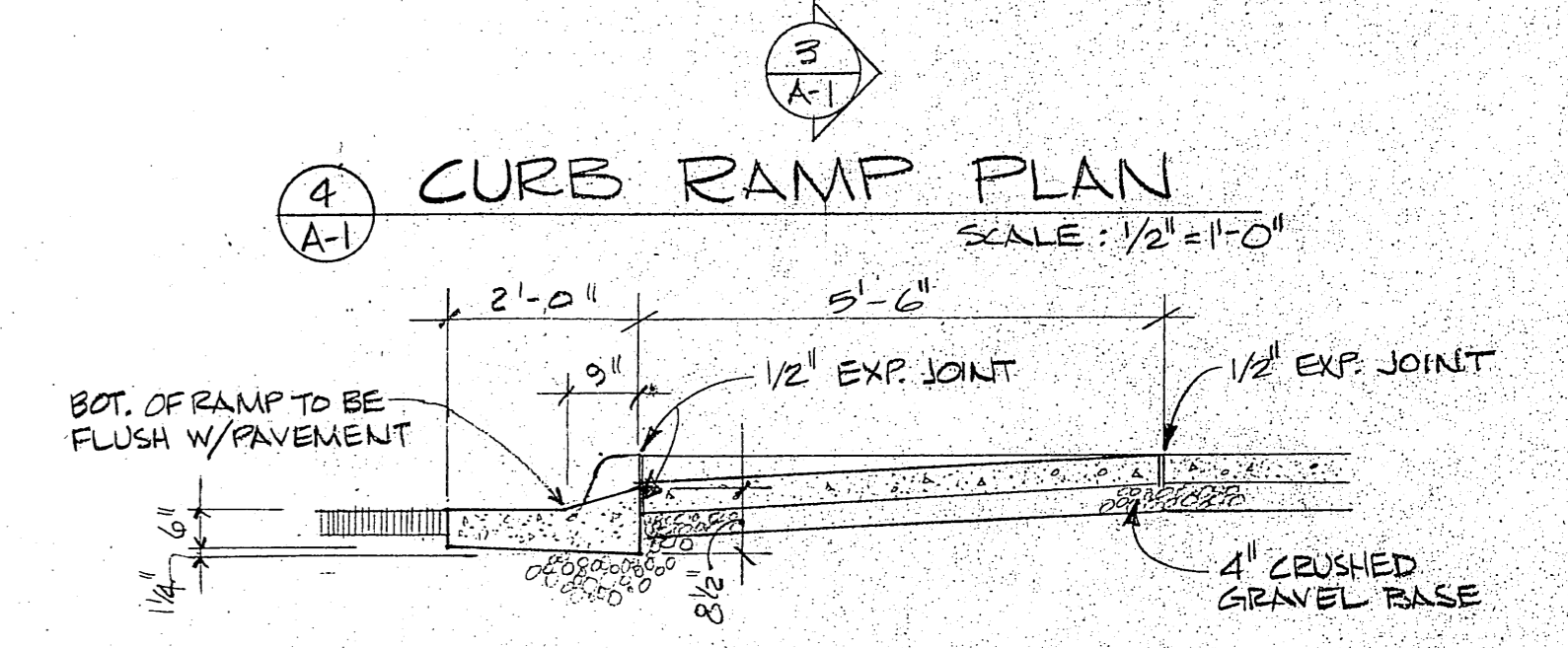
2 ELEVATION @ BENCH  
SCALE: 3/4" = 1'-0"



4 CURB RAMP PLAN  
SCALE: 1/2" = 1'-0"

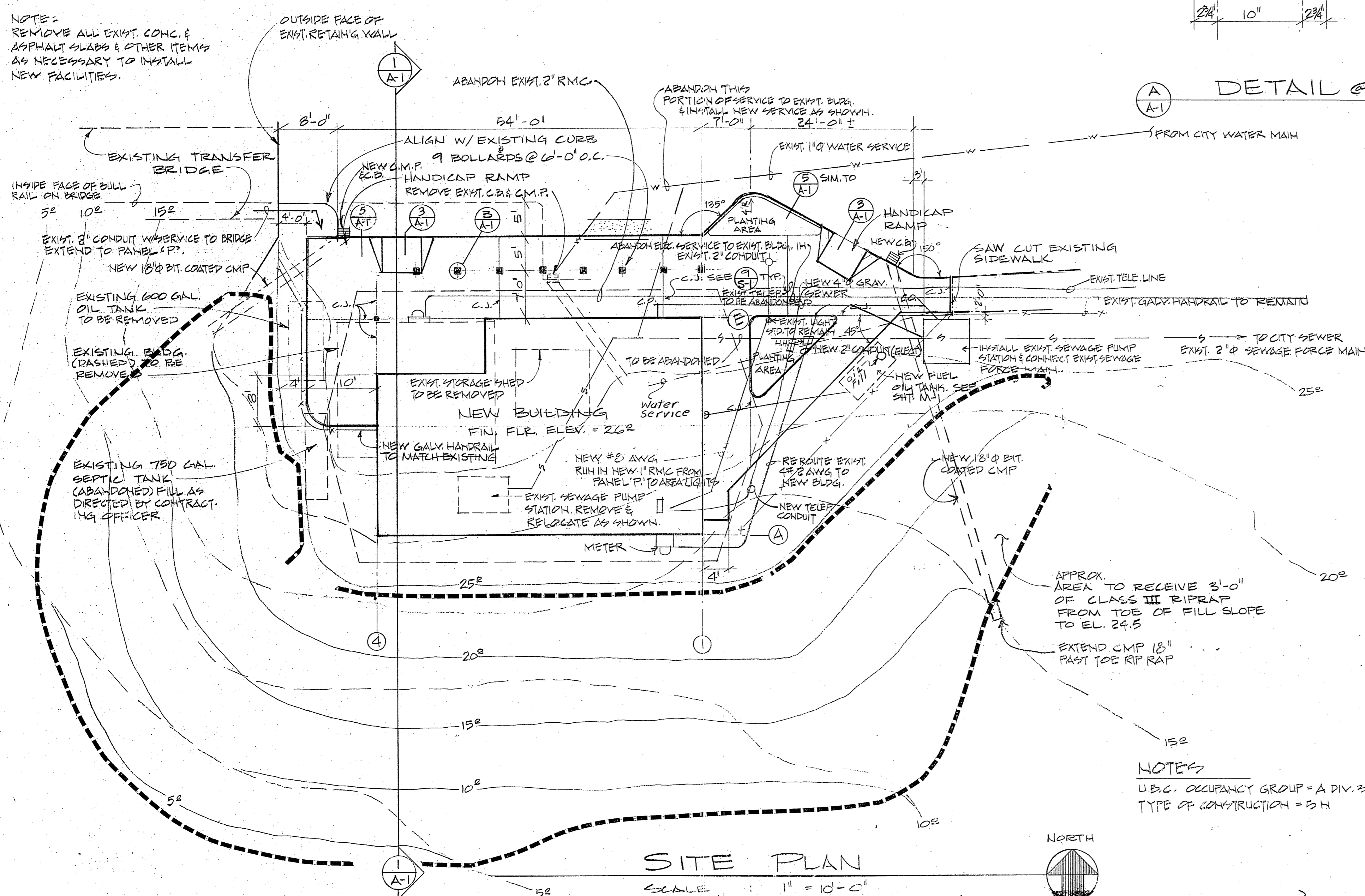


A-1 DETAIL @ BENCH  
SCALE: 1 1/2" = 1'-0"



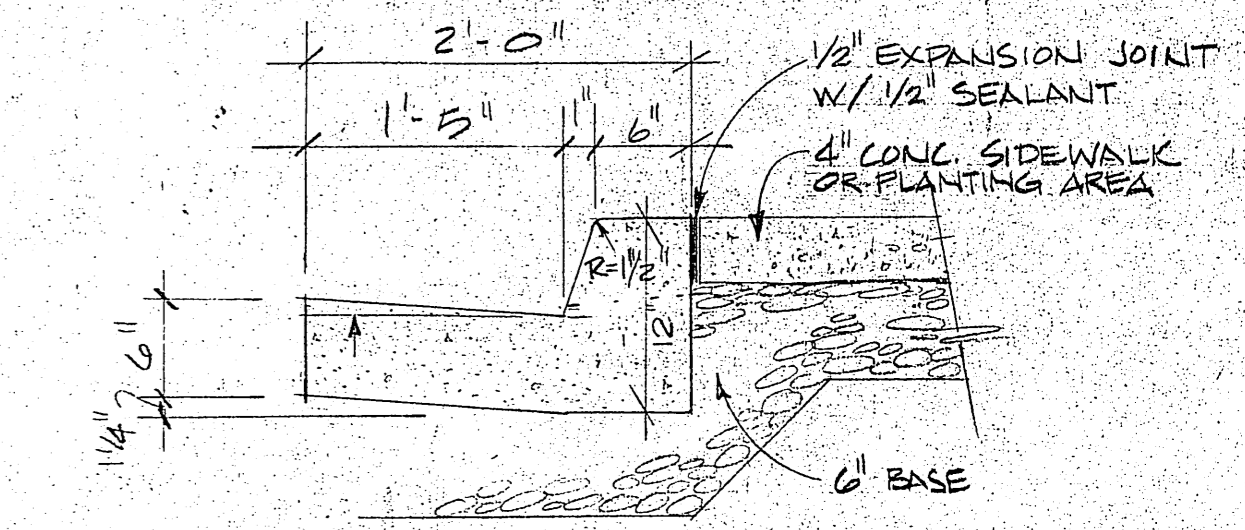
3 SECTION THRU CURB RAMP  
SCALE: 1/2" = 1'-0"

NOTE: REMOVE ALL EXIST. CONC. & ASPHALT SLABS & OTHER ITEMS AS NECESSARY TO INSTALL NEW FACILITIES.

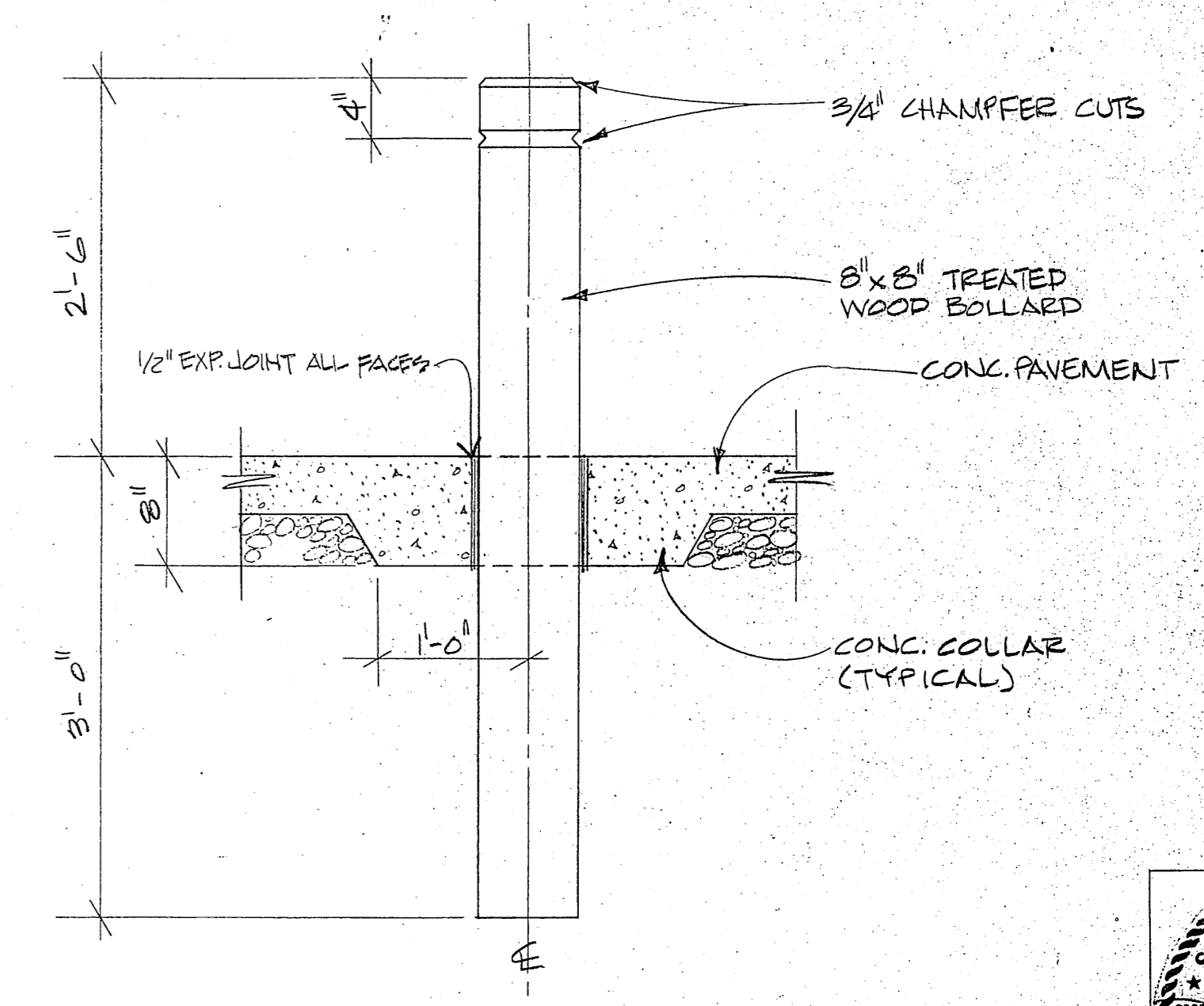


SITE PLAN  
SCALE: 1" = 10'-0"

NOTES  
U.B.C. OCCUPANCY GROUP = A DIV. 3  
TYPE OF CONSTRUCTION = 5H

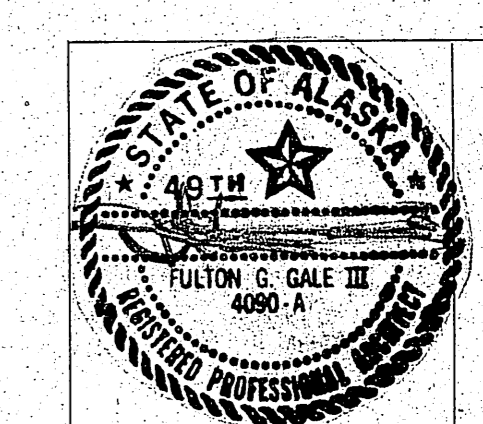


5 SECTION THRU CURB & SIDEWALK  
SCALE: 1" = 1'-0"



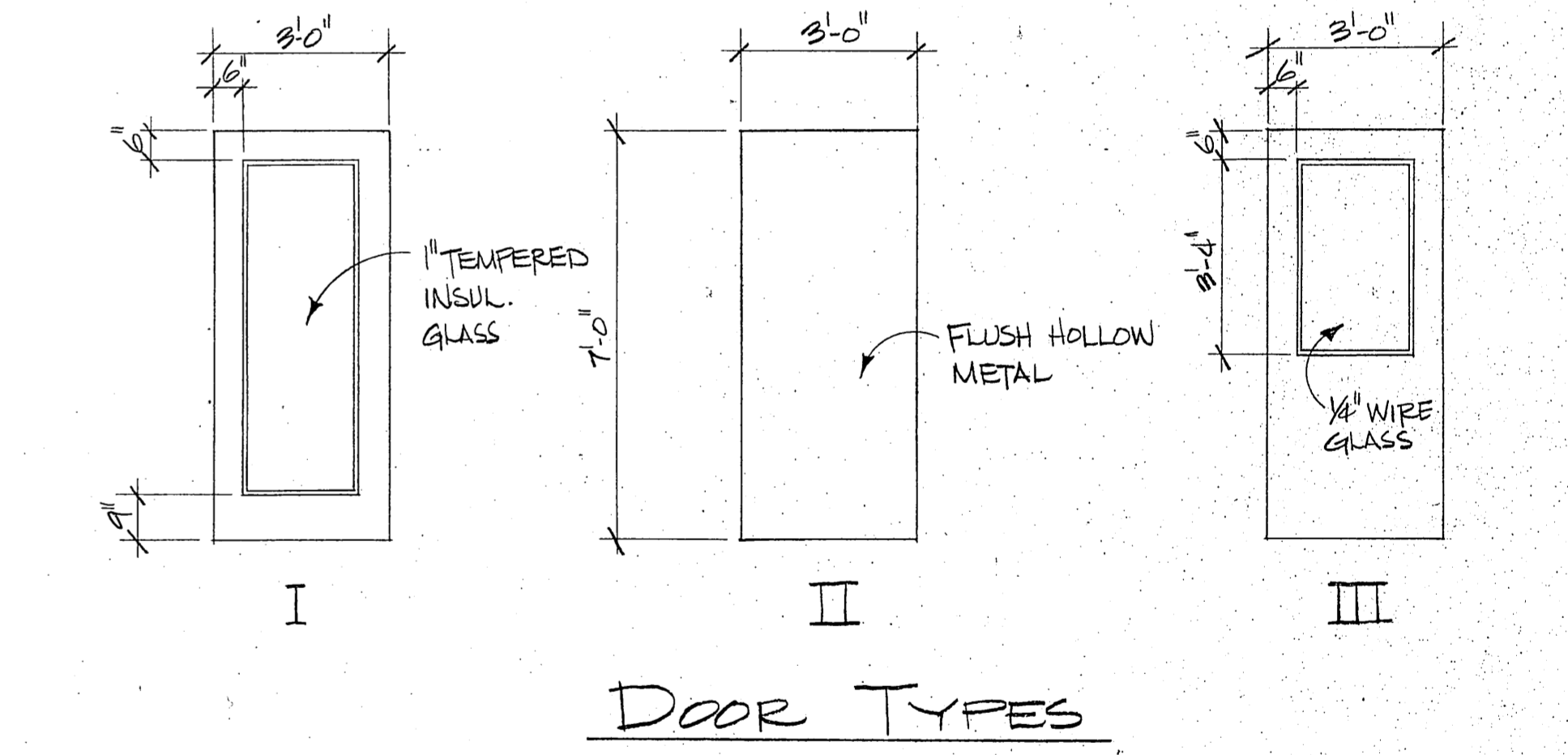
B-1 BOLLARD DETAIL  
SCALE: 1" = 1'-0"

AS-BUILT



ROOM FINISH SCHEDULE							
NO.	NAME	FLOOR	BASE	WALLS	CEILING	HGT.	REMARKS
101	WAITING	CARPET	RUBBER	GYP. BD.*	GYP. BD.	8'-0"	* N. WALL CEDAR SIDING UNDER COUNTER
102	MANAGER'S OFFICE	*CARPET	RUBBER	GYP. BD.	GYP. BD.	8'-0"	* CONCRETE @ EXTERIOR DOOR
103	MEN	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	GYP. BD.	8'-0"	
104	WOMEN	CERAMIC TILE	CERAMIC TILE	CERAMIC TILE	GYP. BD.	8'-0"	
105	JANITOR	CONC.	RUBBER	*GYP. BD.	GYP. BD.	8'-0"	* 4'-0" HIGH CERAMIC TILE WANSLOT @ NORTH AND WEST WALLS
106	HALL	CARPET	RUBBER	GYP. BD.	GYP. BD.	8'-0"	
107	OUTSIDE STORAGE	CONC.	RUBBER	GYP. BD.	GYP. BD.	8'-0"	
108	MECHANICAL	CONC.	RUBBER	GYP. BD.	GYP. BD.	8'-0"	
109	STORAGE	CONC.	RUBBER	GYP. BD.	GYP. BD.	8'-0"	

DOOR SCHEDULE						
NO.	SIZE	TYPE	MAT'L	DETAILS	HD'W	REMARKS
1	32 x 72	I	HMXHM	*C 12 A-6	1	* SIMILAR TO
2	32 x 72	I		*B 12 A-6	5	
3	32 x 72	I		*C 12 A-6	2	
4	32 x 72	II		*B 12 A-6	5	* SIMILAR TO
5	32 x 72	II		B 13 A-6	4	
6	32 x 72	II		B 13 A-6	4	Louvers in door
7	32 x 72	II		B 13 A-6	3	" " "
8	32 x 72	II		B 13 A-6	4	" " "
9	32 x 72	II		B 13 A-6	3	" " "
10	32 x 72	III		B 13 A-6	4	
11	32 x 72	II		B 13 A-6	4	



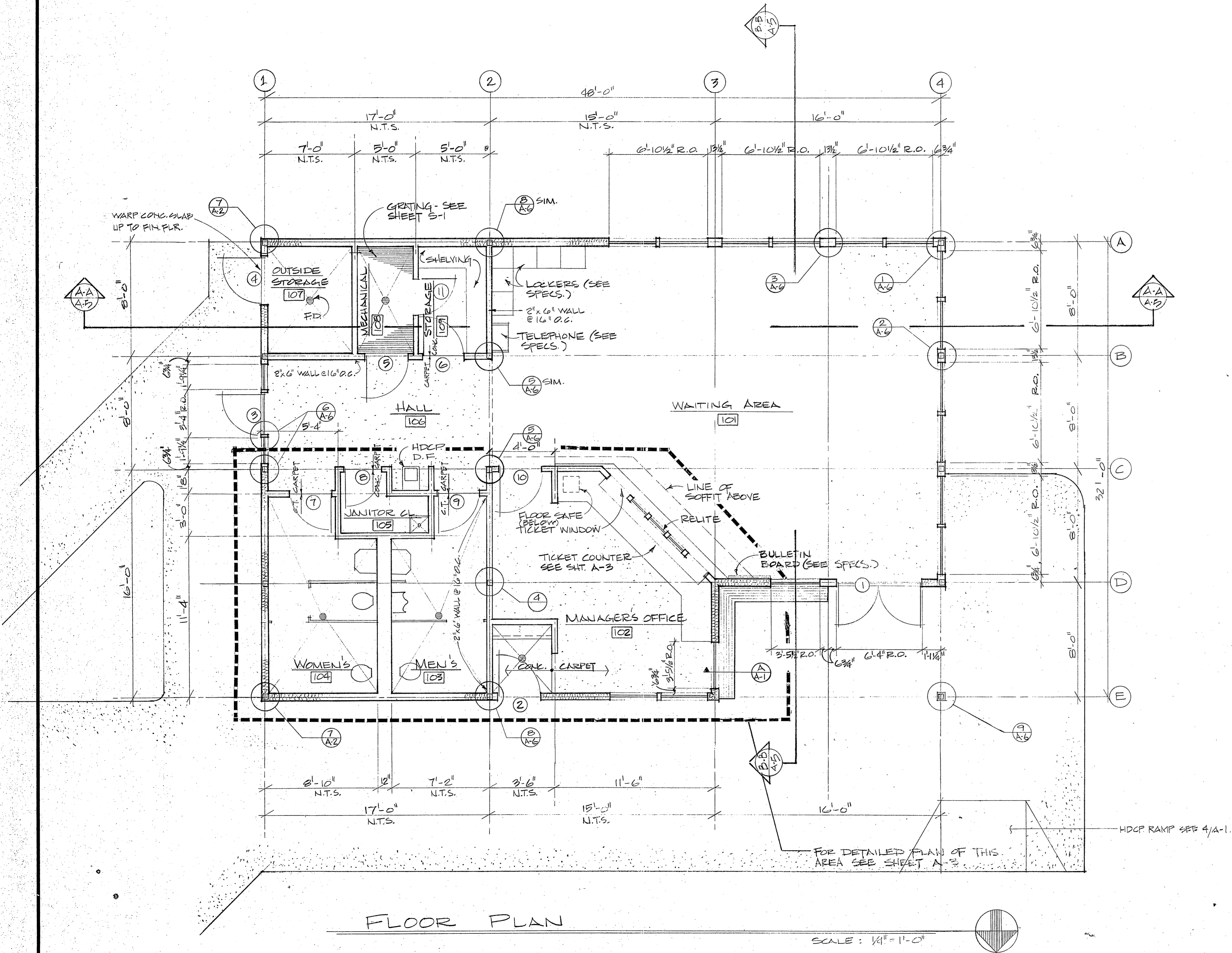
**LEGEND**

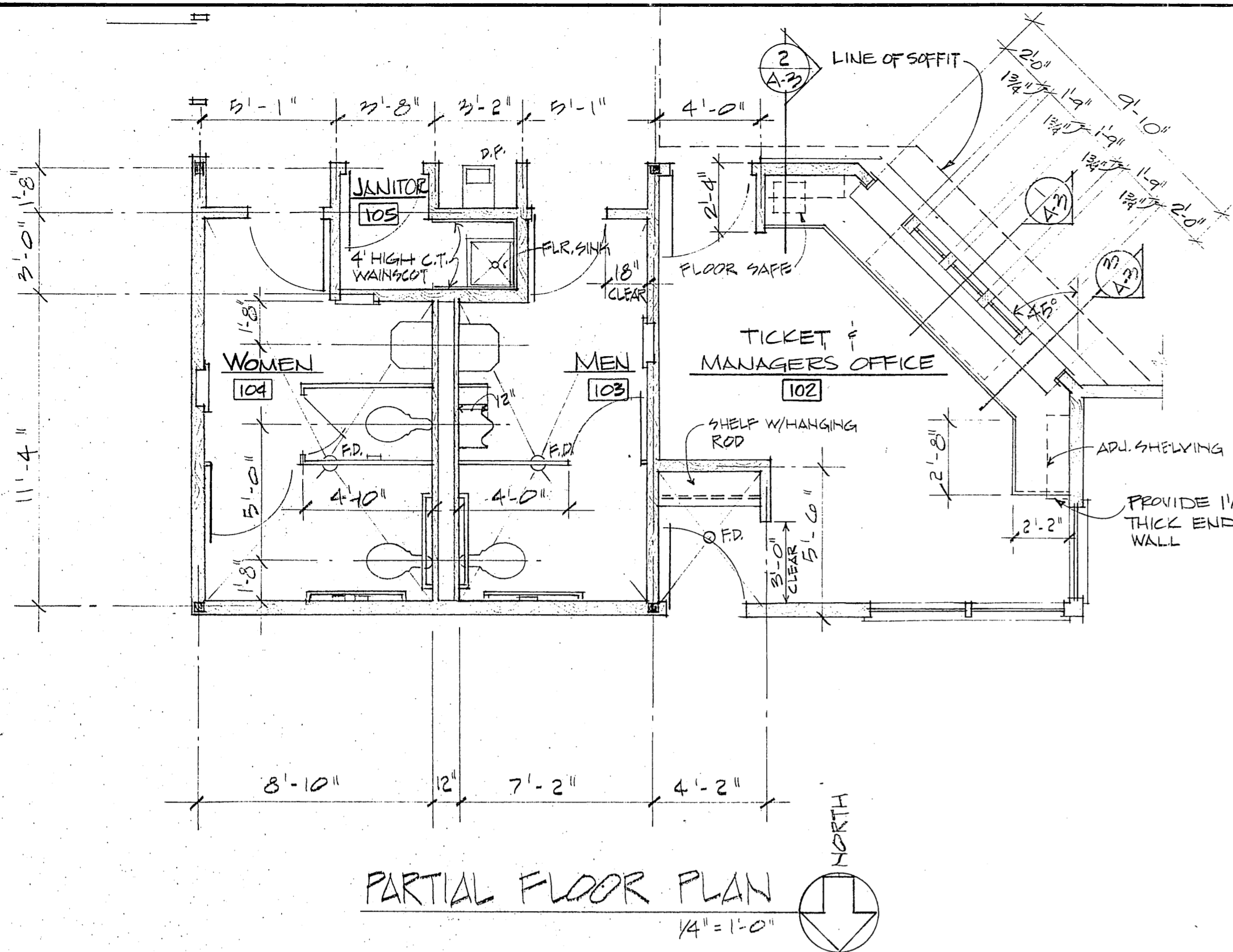
TYPICAL EXTERIOR WALLS  
 2"x6" STUD WALL CONSTRUCTION  
 @16" O.C. W/ 1/2" F.G. INSUL.

TYPICAL INTERIOR WALLS  
 2"x4" STUD WALL CONSTRUCTION  
 @16" O.C. UNLESS OTHERWISE NOTED.

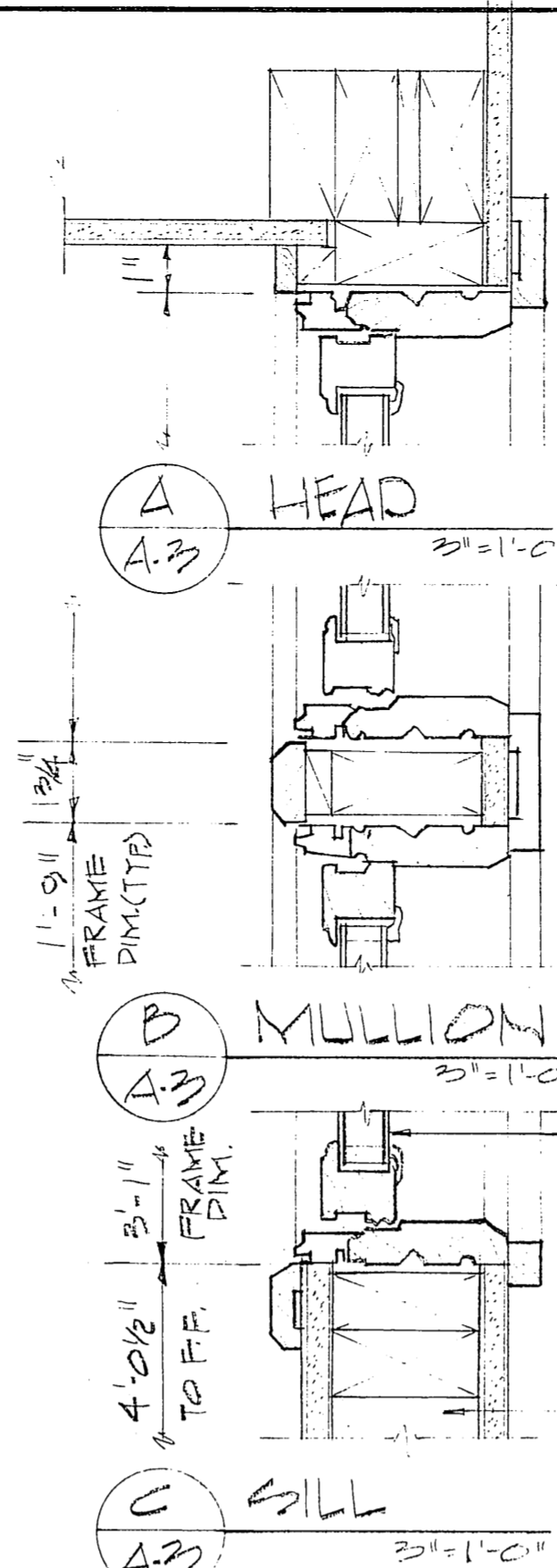
**AS-BUILT**

DATE \_\_\_\_\_





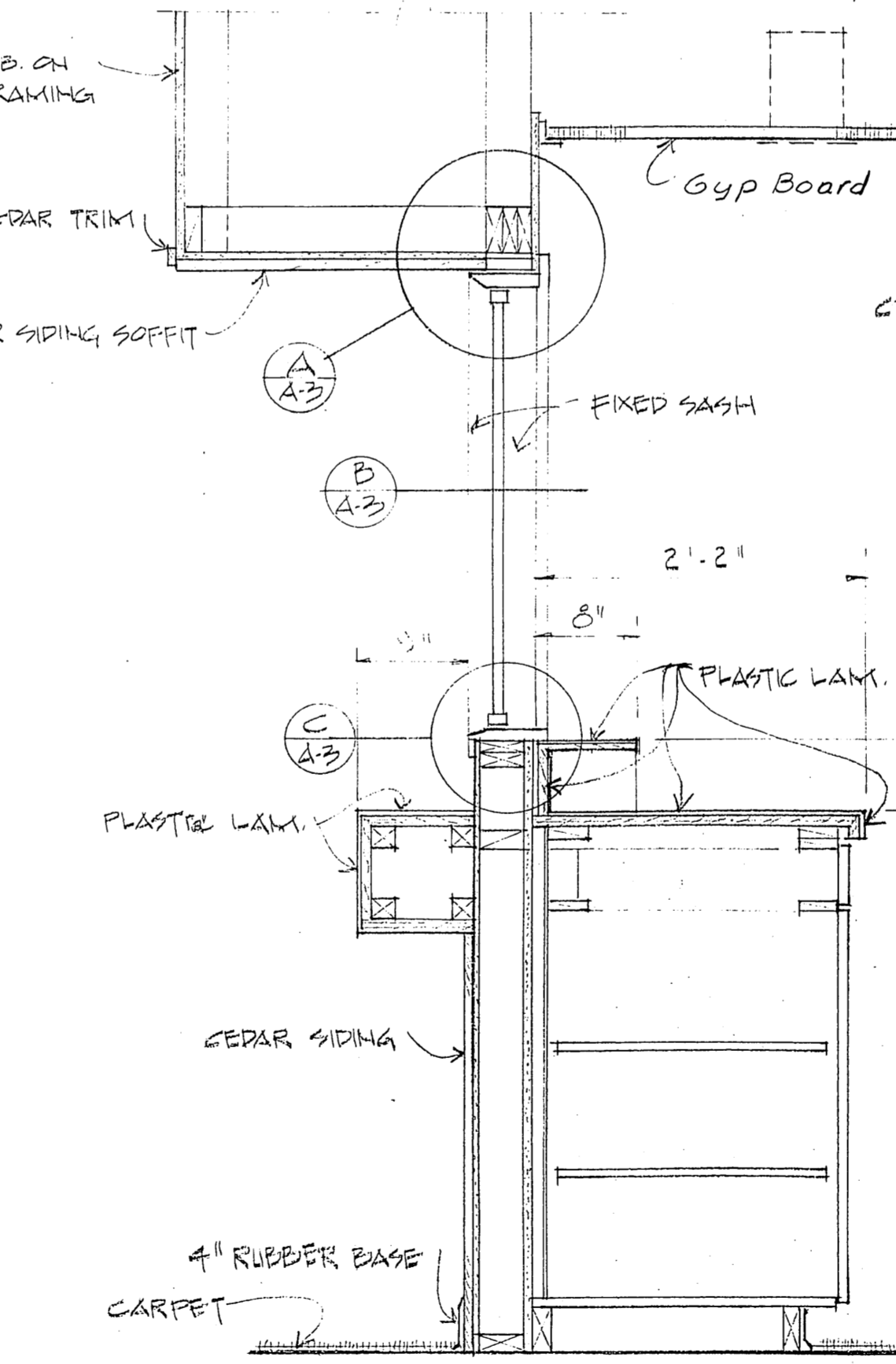
PARTIAL FLOOR PLAN  
1/4" = 1'-0"



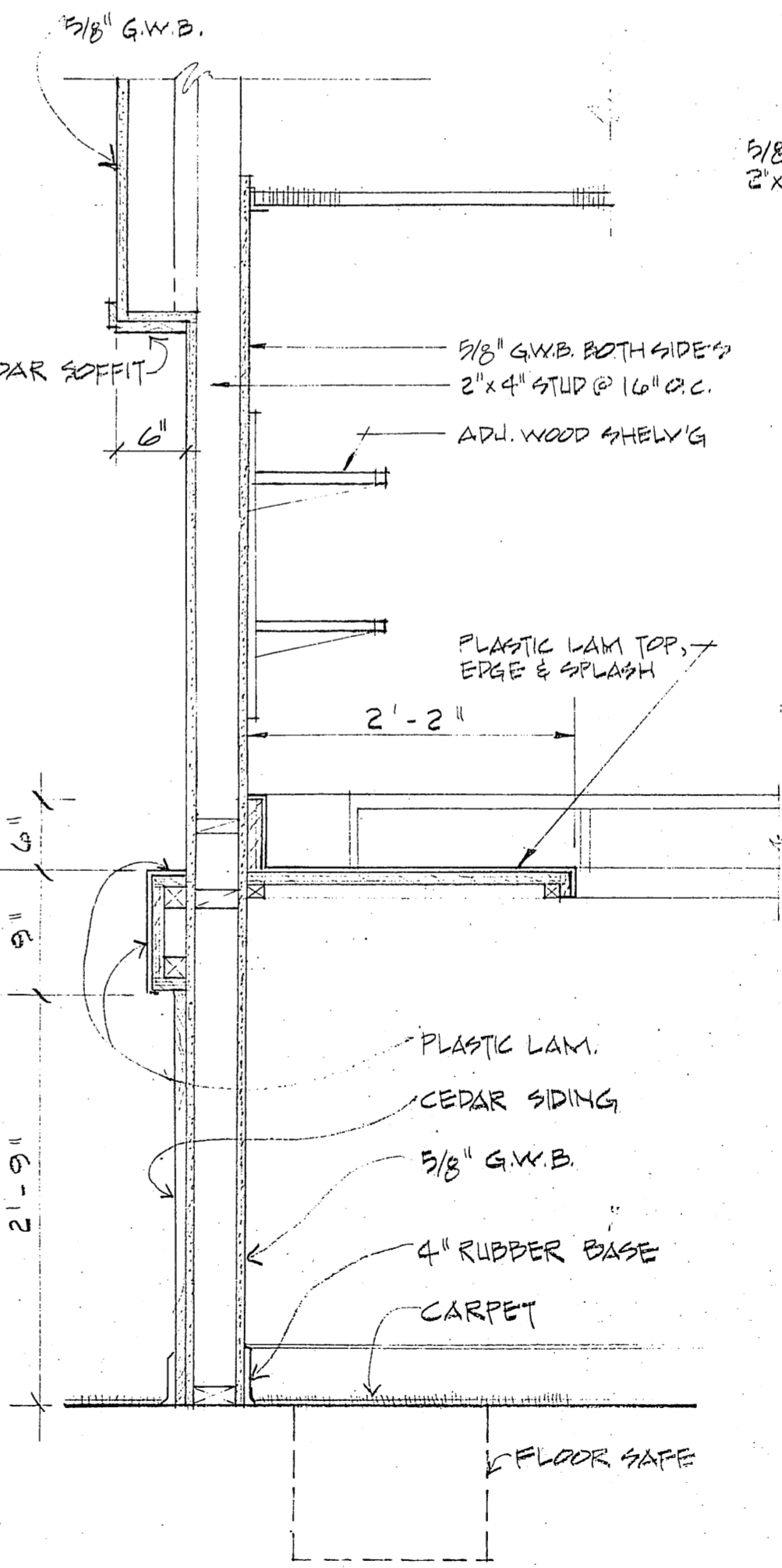
WOMEN'S TOILET  
1/4" = 1'-0"

MEN'S TOILET  
1/4" = 1'-0"

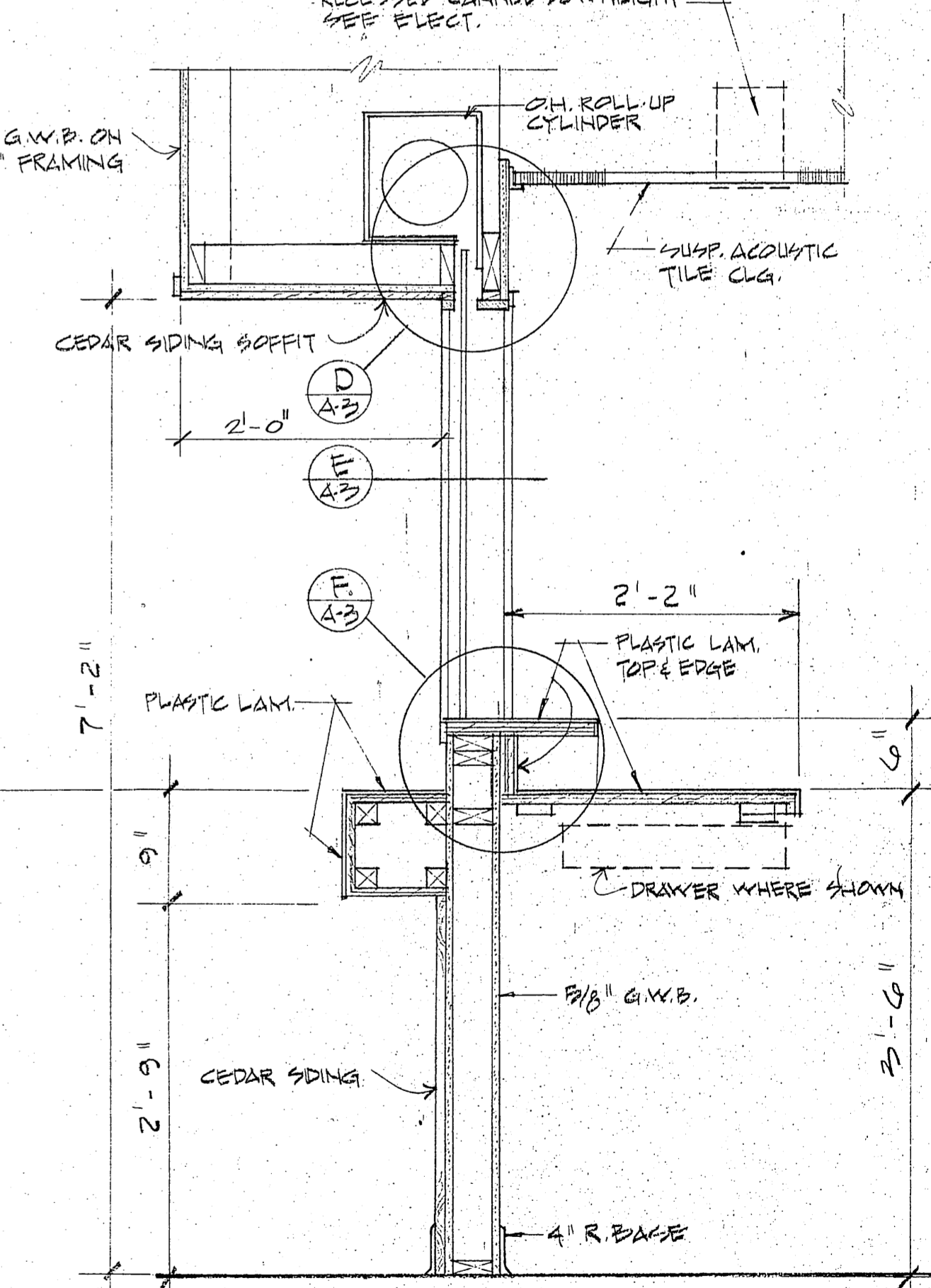
SLIMSHADES BY FELLA OR APPROVED EQ.  
2 x 4 STUDS 1/2" GYP BR. EA. SIDE.



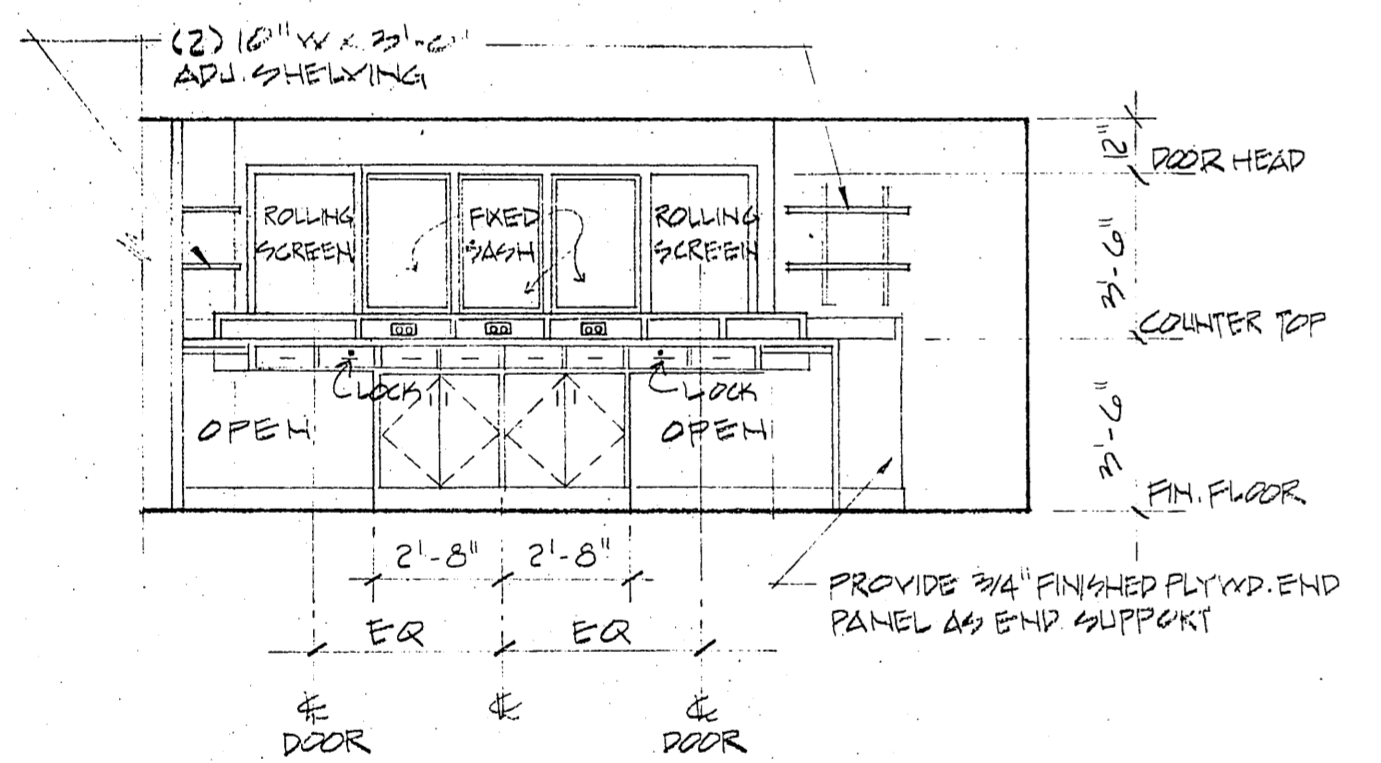
SECTION THRU RELITE  
1" = 1'-0"



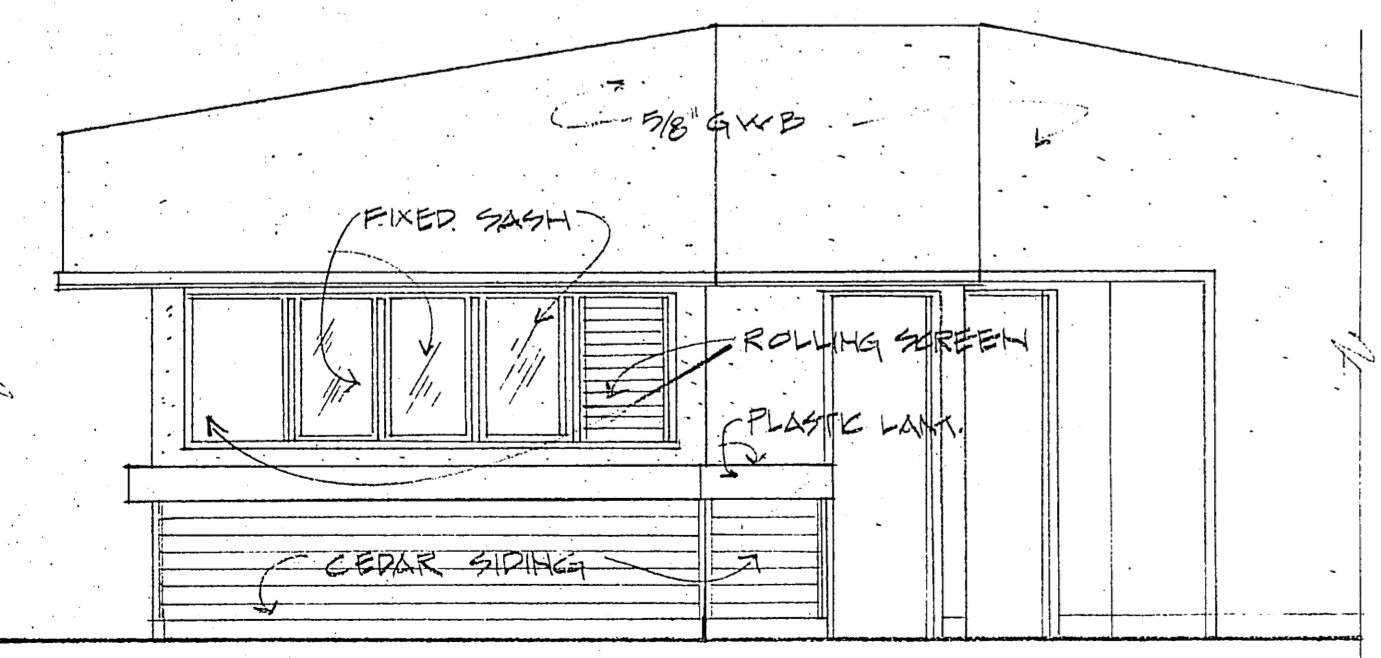
WALL SECTION  
1" = 1'-0"



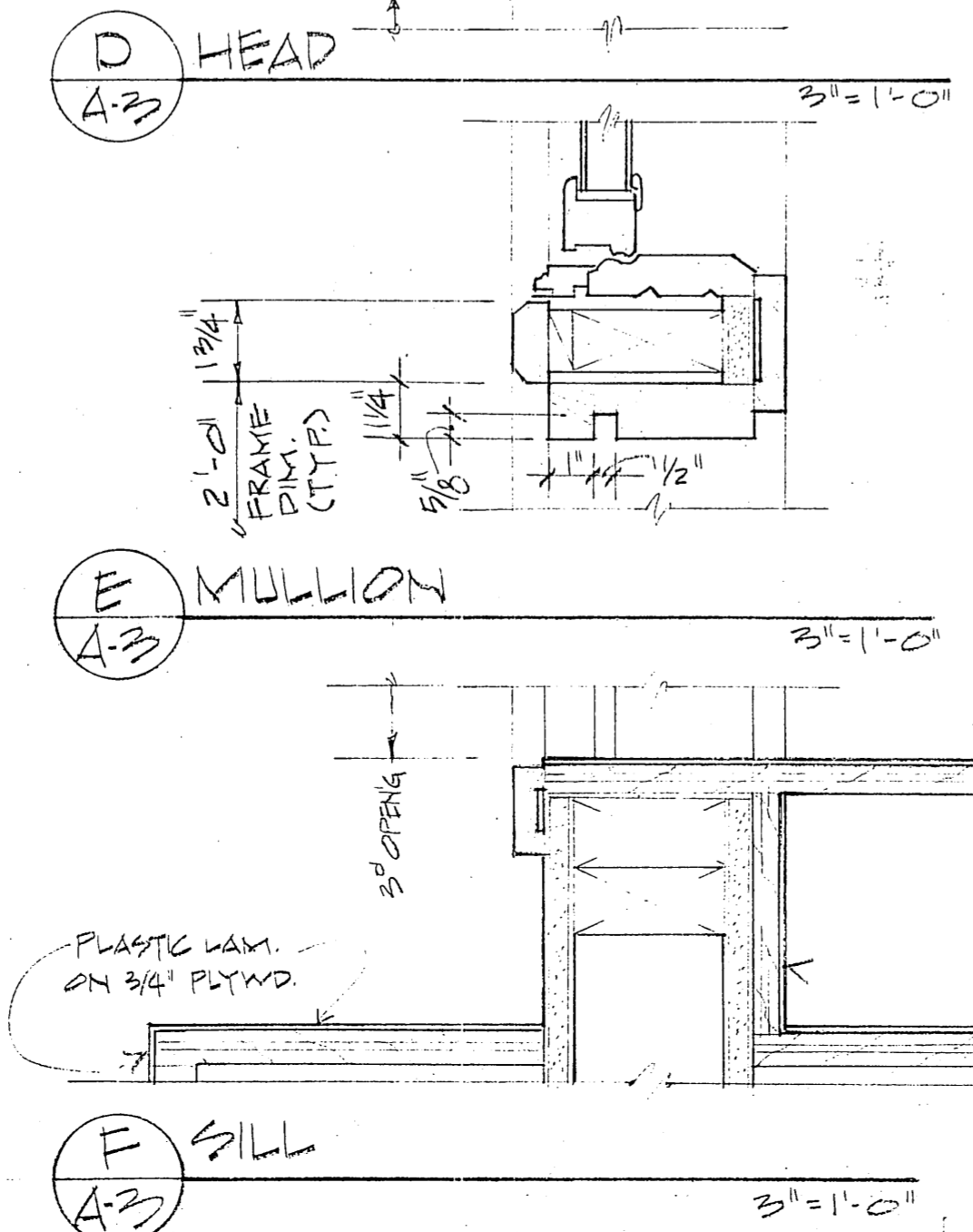
SECTION THRU TICKET WINDOW  
1" = 1'-0"



MGR'S OFFICE: SOUTHWEST ELEVATION  
1/4" = 1'-0"



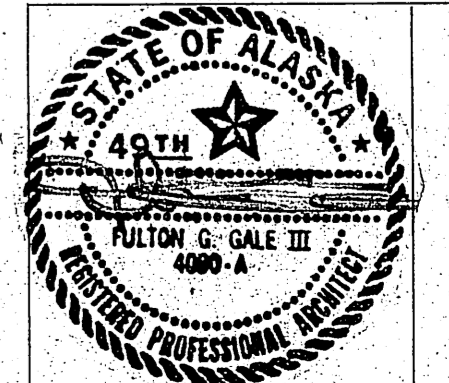
WAITING AREA: NORTHEAST ELEVATION  
1/4" = 1'-0"



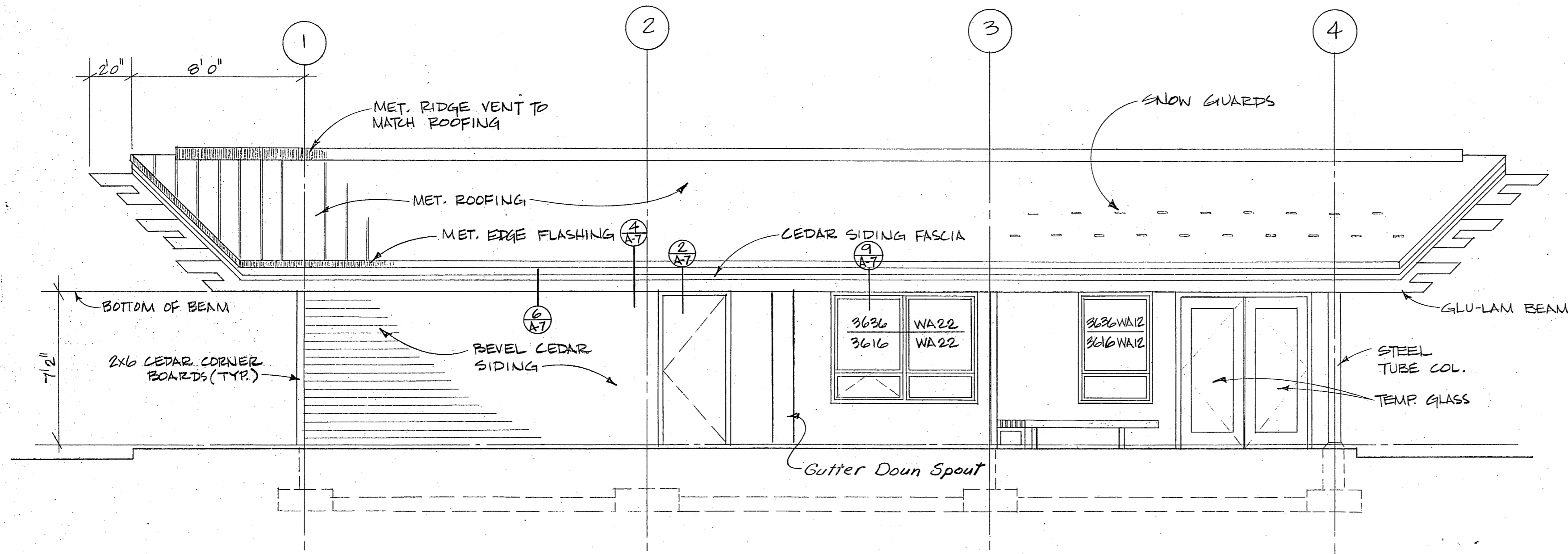
D HEAD

E MULLION

F SILL

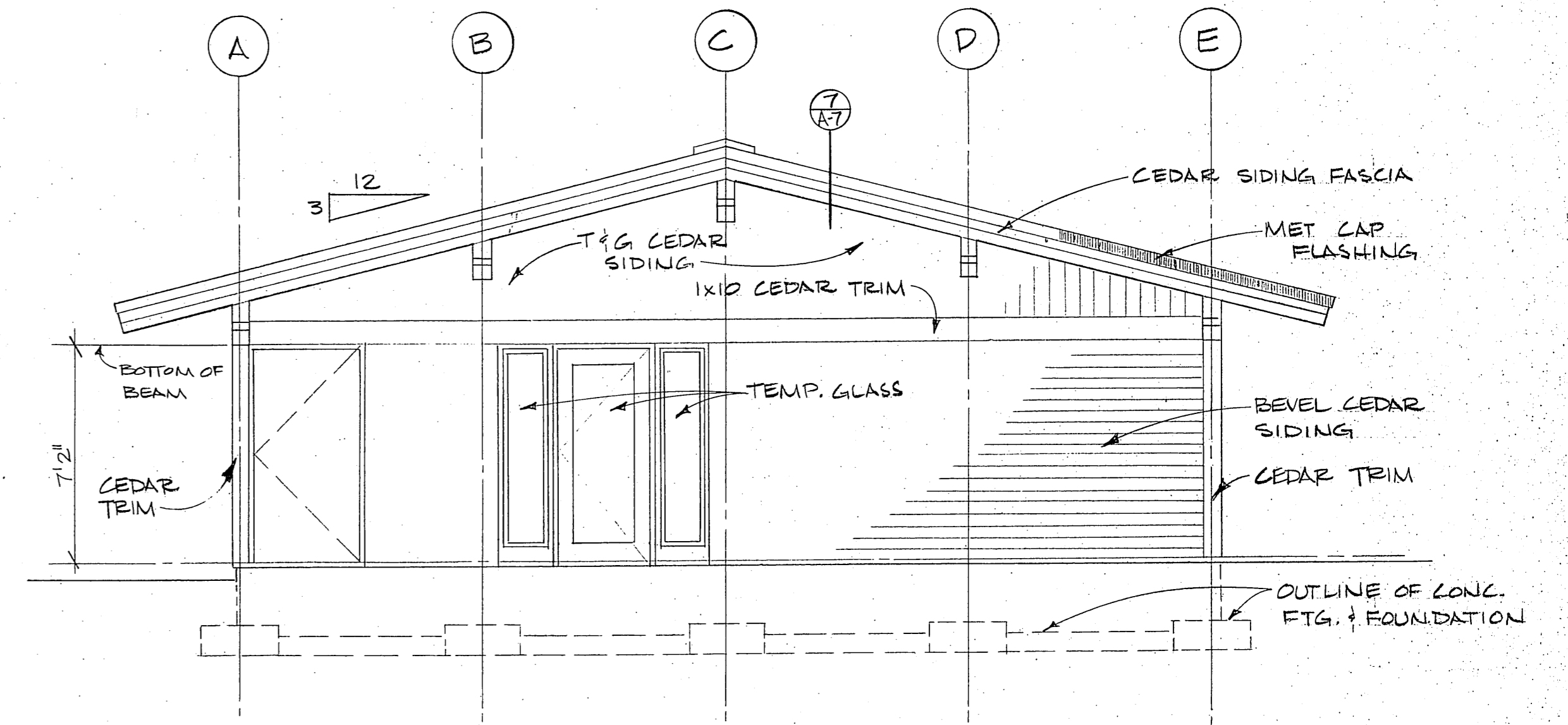


AS-BUILT

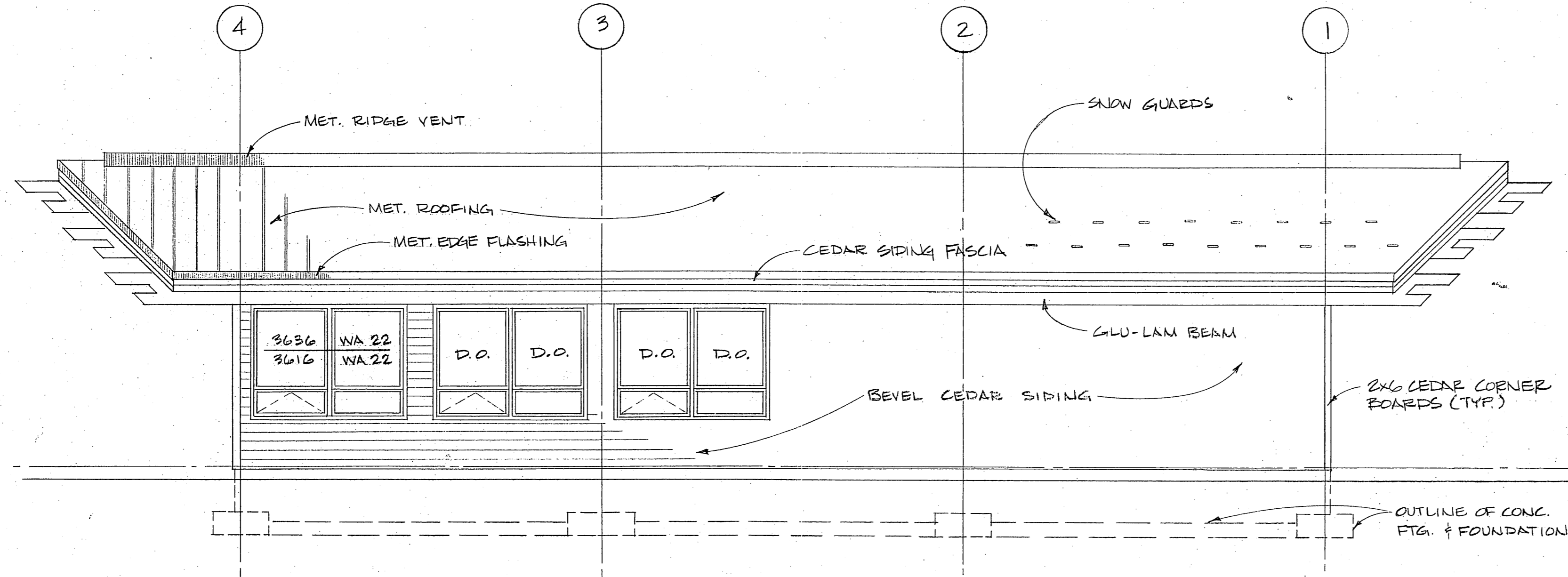


**NORTH ELEVATION**  
SCALE: 1/4" = 1'-0"

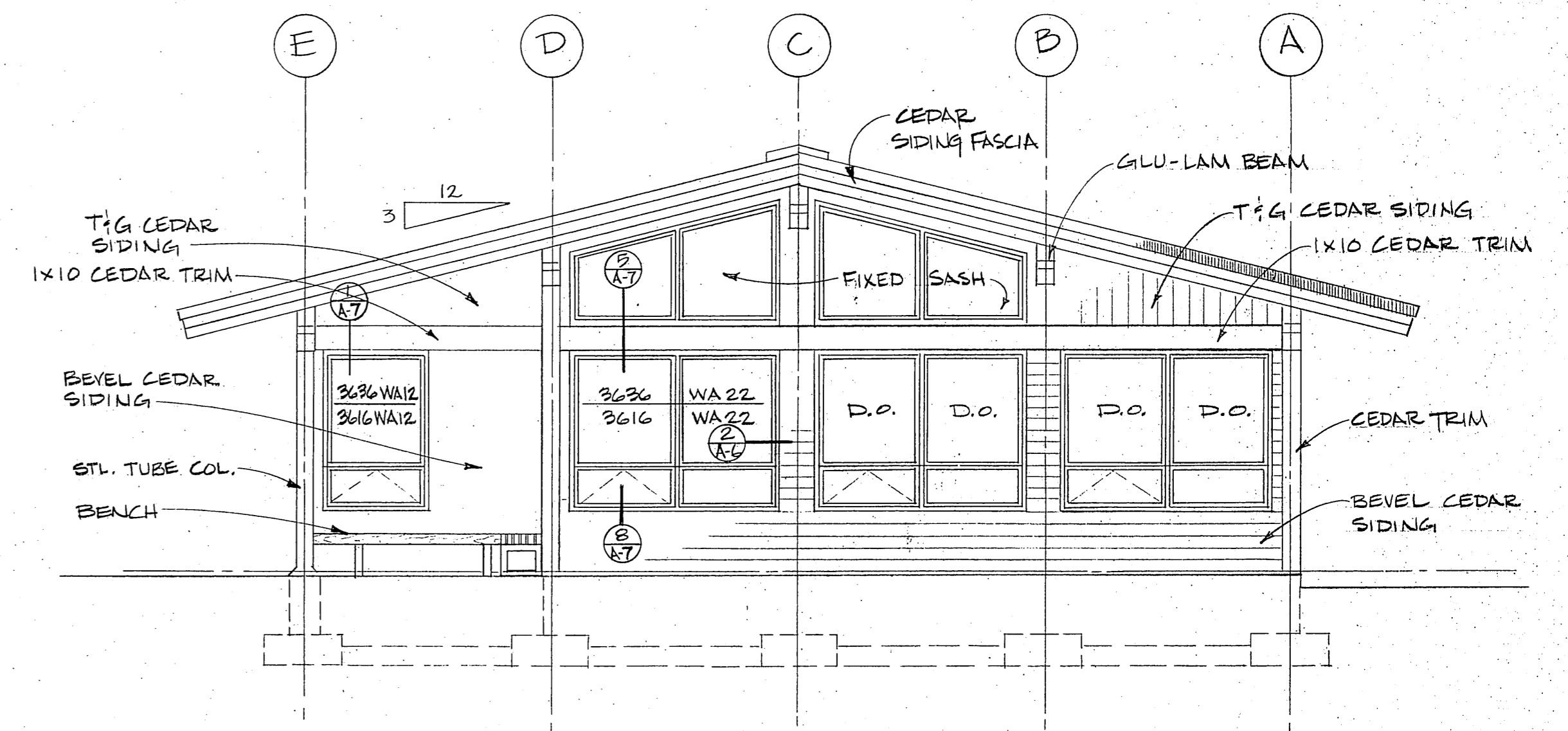
NOTE: INSTALL MERLON POLYCARBONATE SNOW GUARDS AS MANUFACTURED BY "SNOWJAX" INCORPORATED. MOUNT FIRST ROW 24" ABOVE EAVE AND 24" O.C. THE LENGTH OF THE ROOF. SECOND ROW 48" ABOVE EAVE AND STAGGERED WITH FIRST ROW 24" O.C. TYPICAL BOTH SIDES OF ROOF.



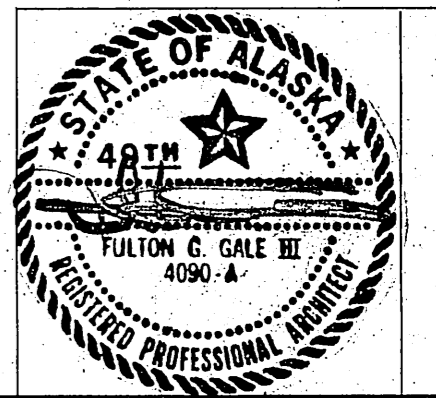
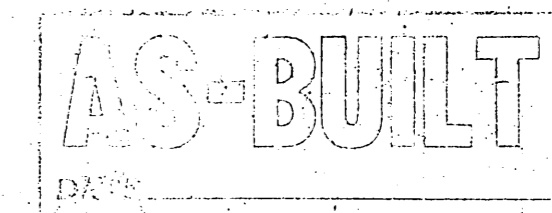
**EAST ELEVATION**  
SCALE: 1/4" = 1'-0"



**SOUTH ELEVATION**  
SCALE: 1/4" = 1'-0"



**WEST ELEVATION**  
SCALE: 1/4" = 1'-0"



**WRANGELL MARINE TERMINAL BUILDING**

WRANGELL, ALASKA

PROJECT NO H78017



BUILDING DESIGN & CONSTRUCTION

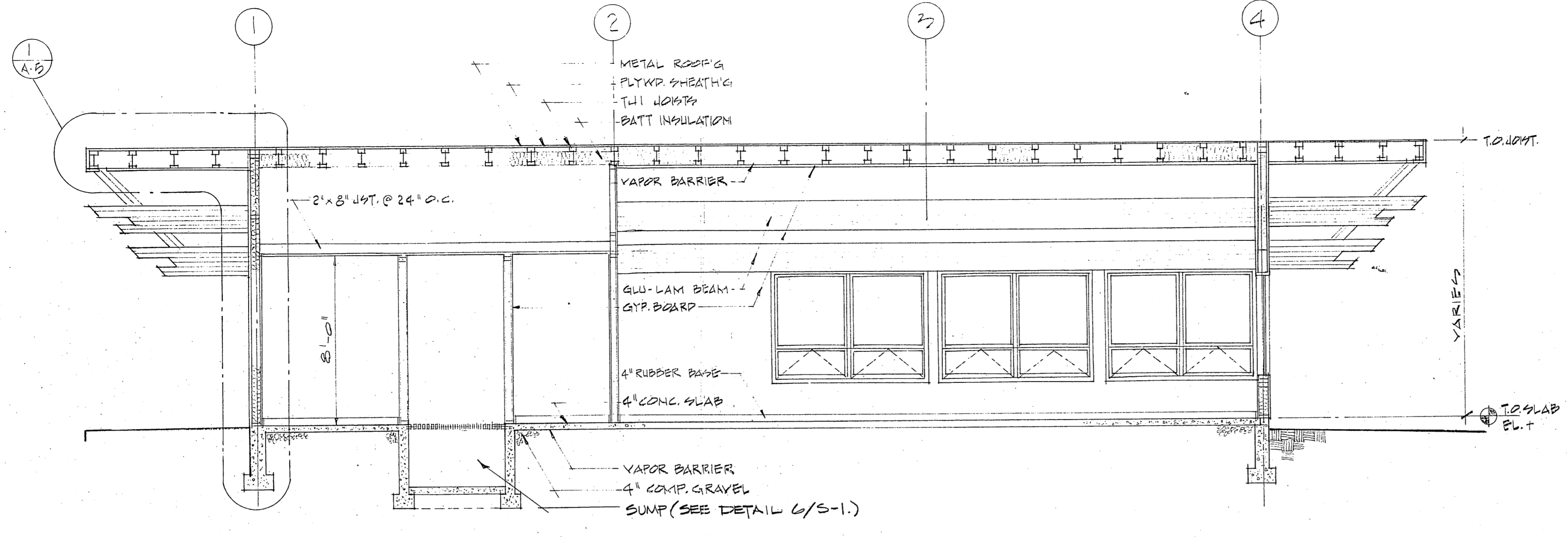
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

ELEVATIONS

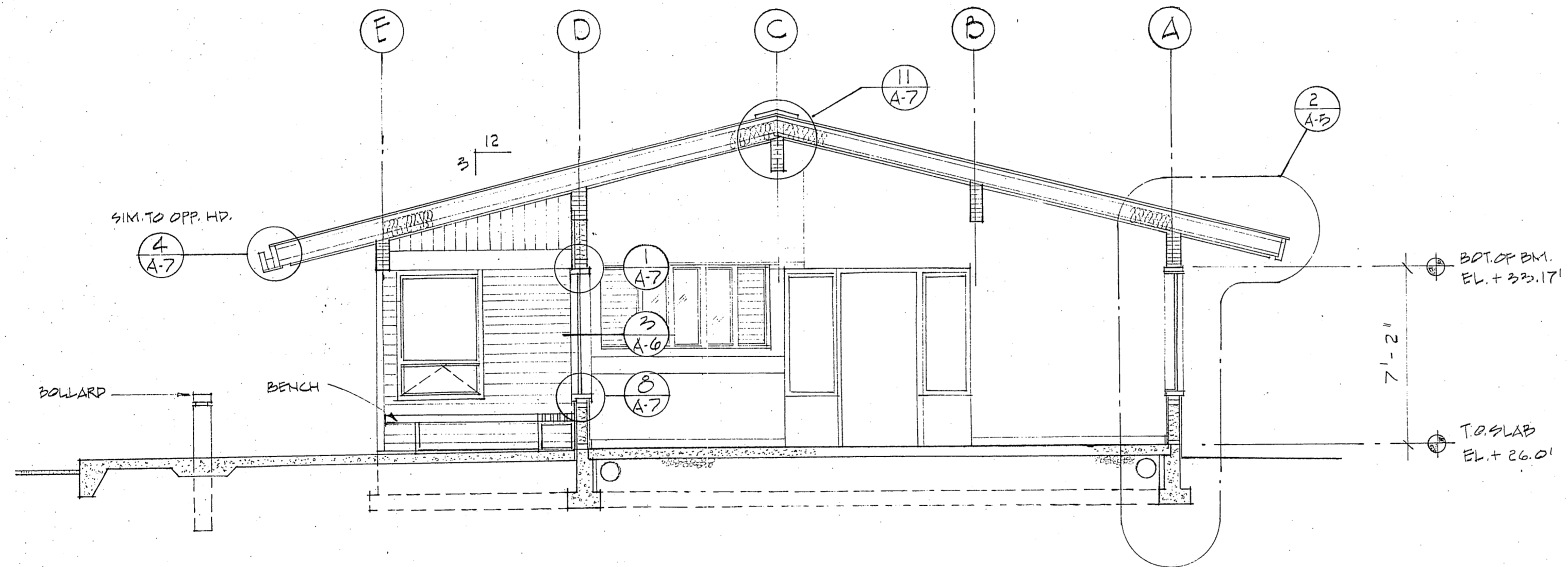
DATE	
CHECKED	
APPROVED	
DATE	

DRAWN J.S.  
CHECKED  
APPROVED  
DATE

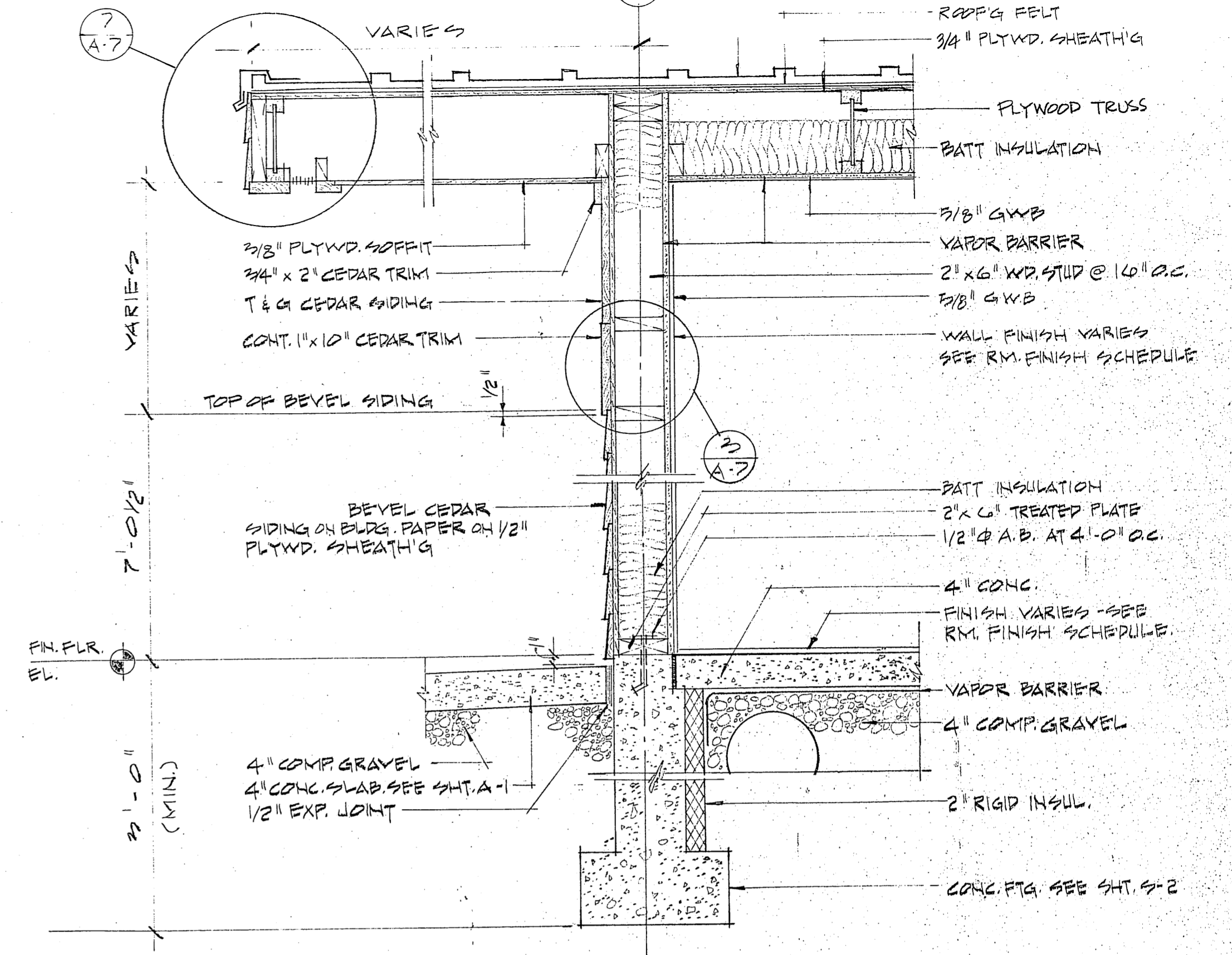
SHEET NO.  
**A-4**  
OF 7 SHEETS



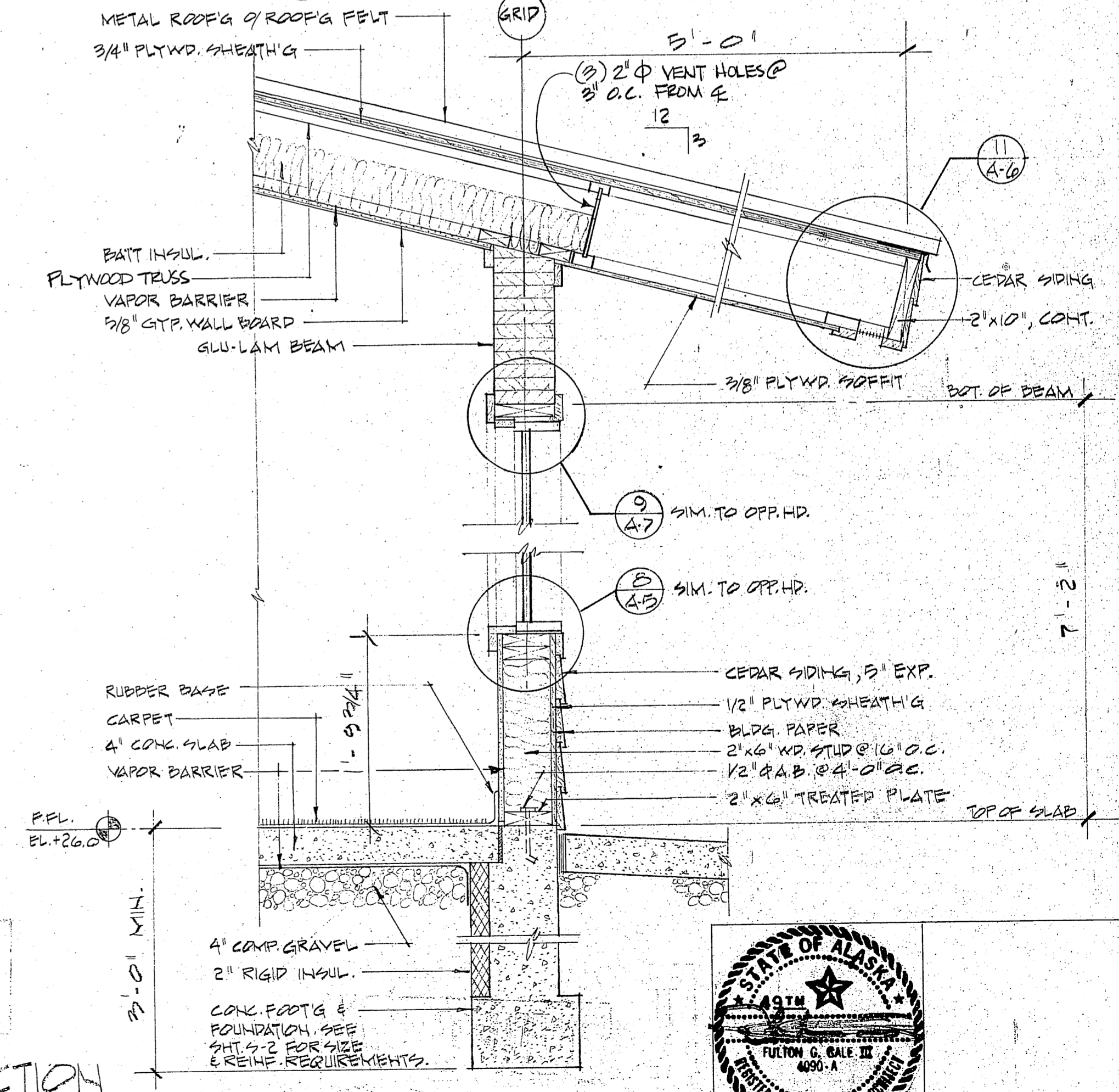
**LONGITUDINAL SECTION**  
SCALE: 1/4" = 1'-0"



**CROSS SECTION**  
SCALE: 1/4" = 1'-0"

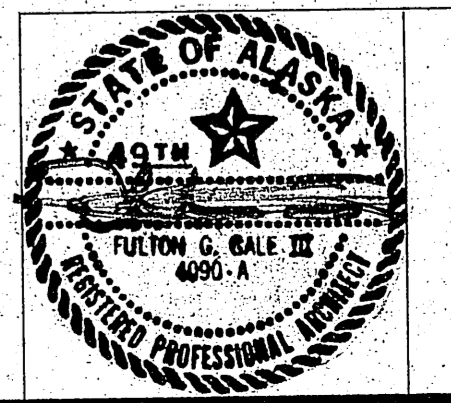


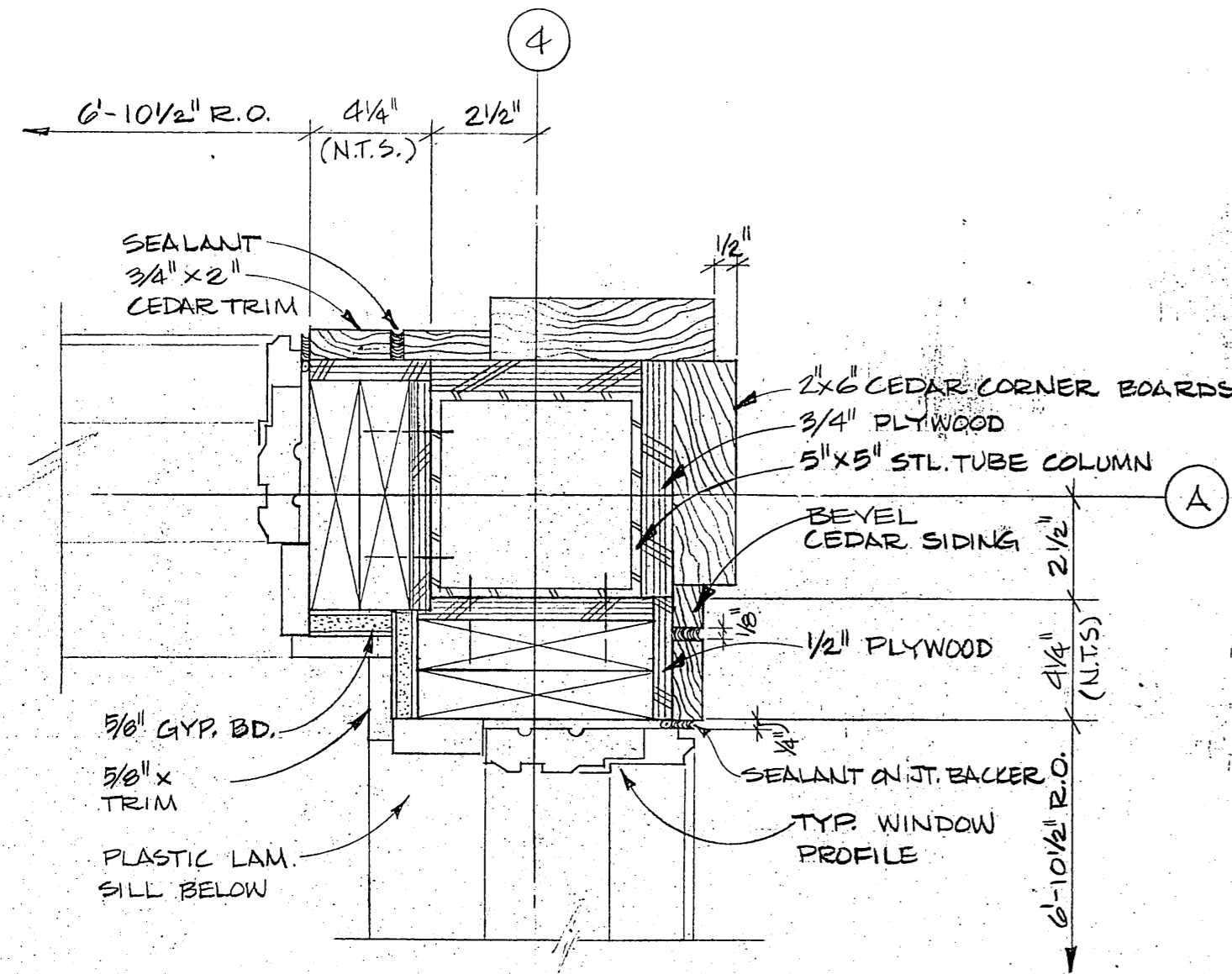
**1 WALL SECTION**  
1" = 1'-0"



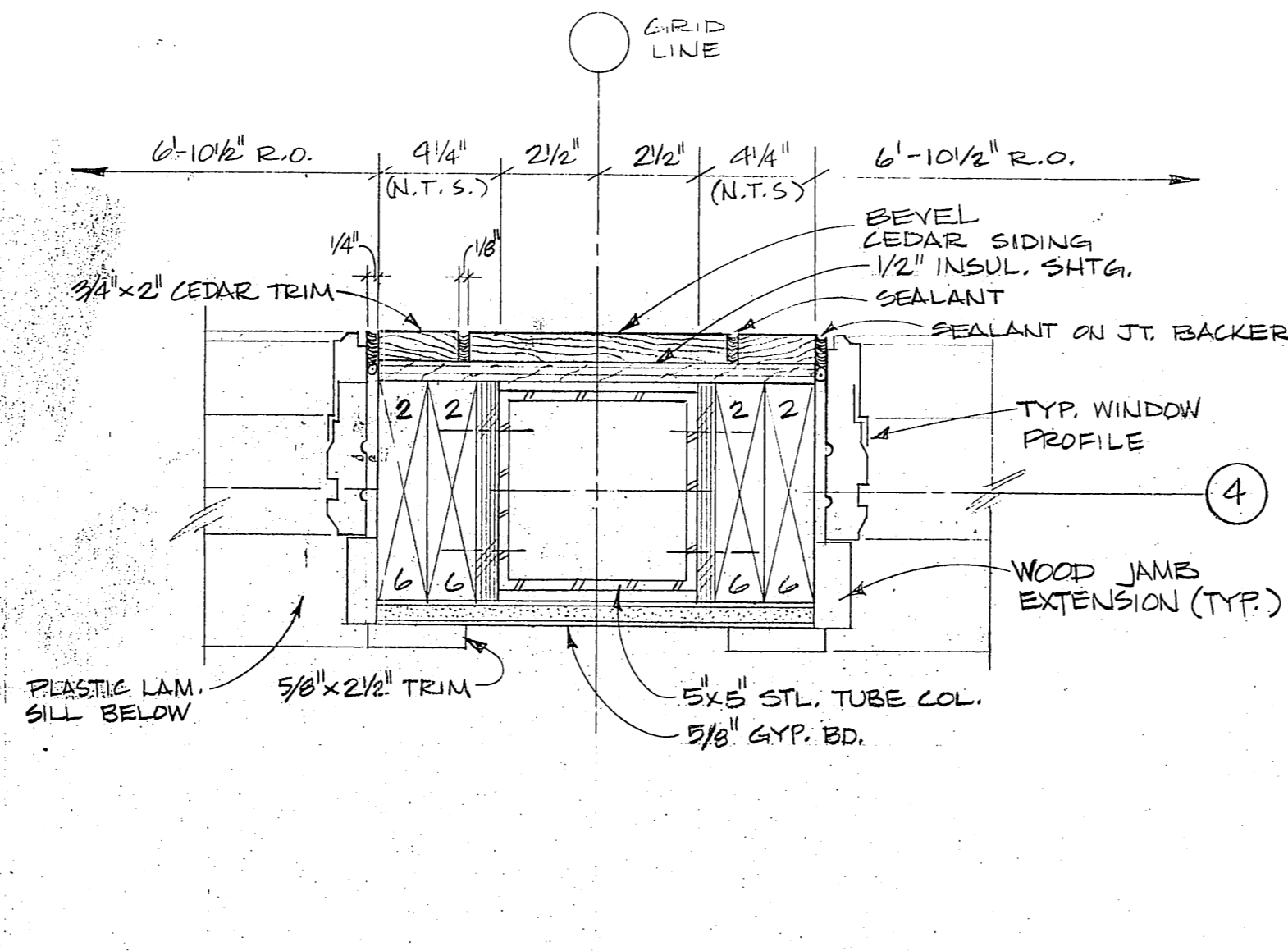
**2 WALL SECTION**  
1" = 1'-0"

AS-BUILT

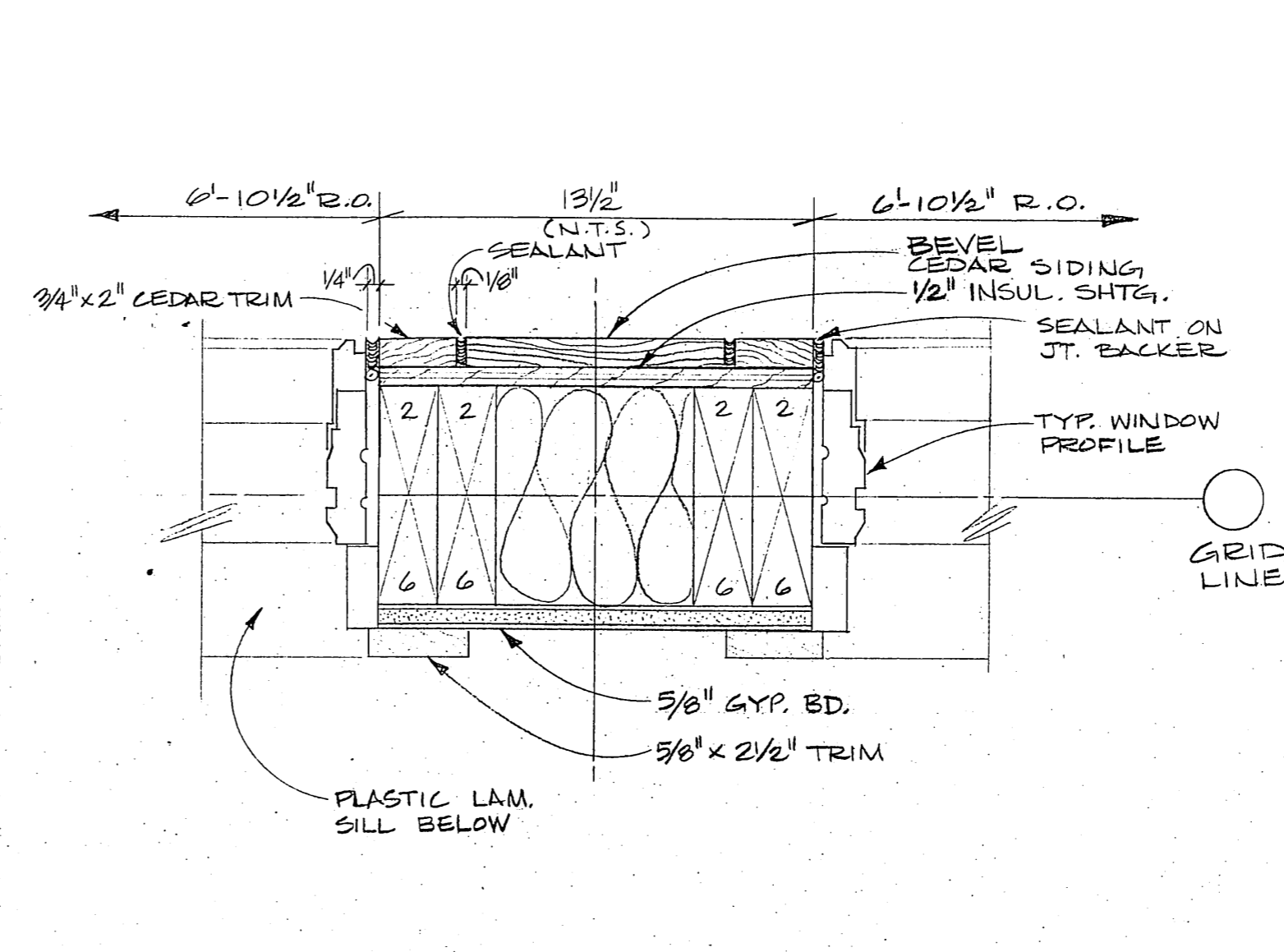




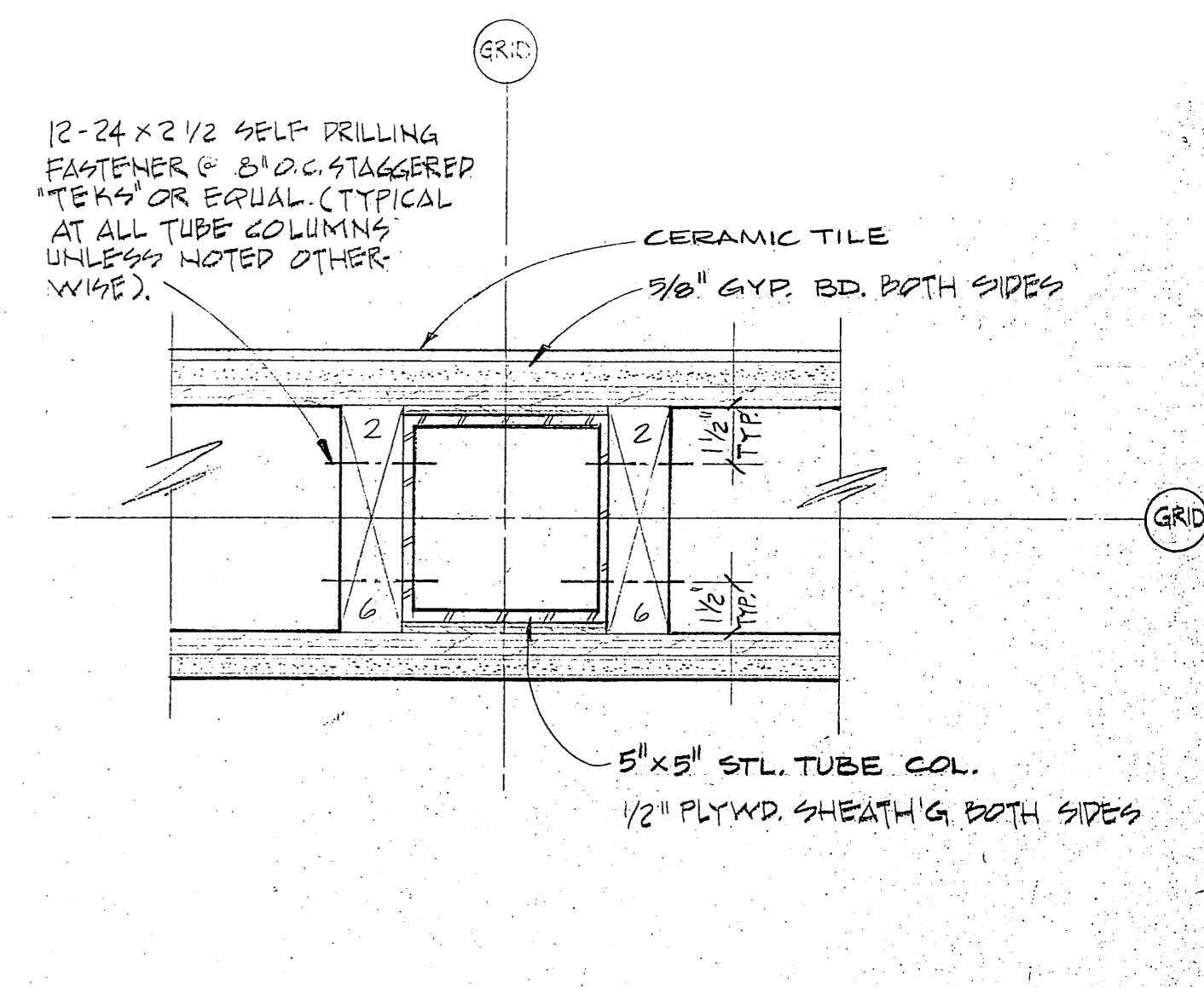
WINDOW DETAIL AT CORNER  
SCALE: 3" = 1'-0"



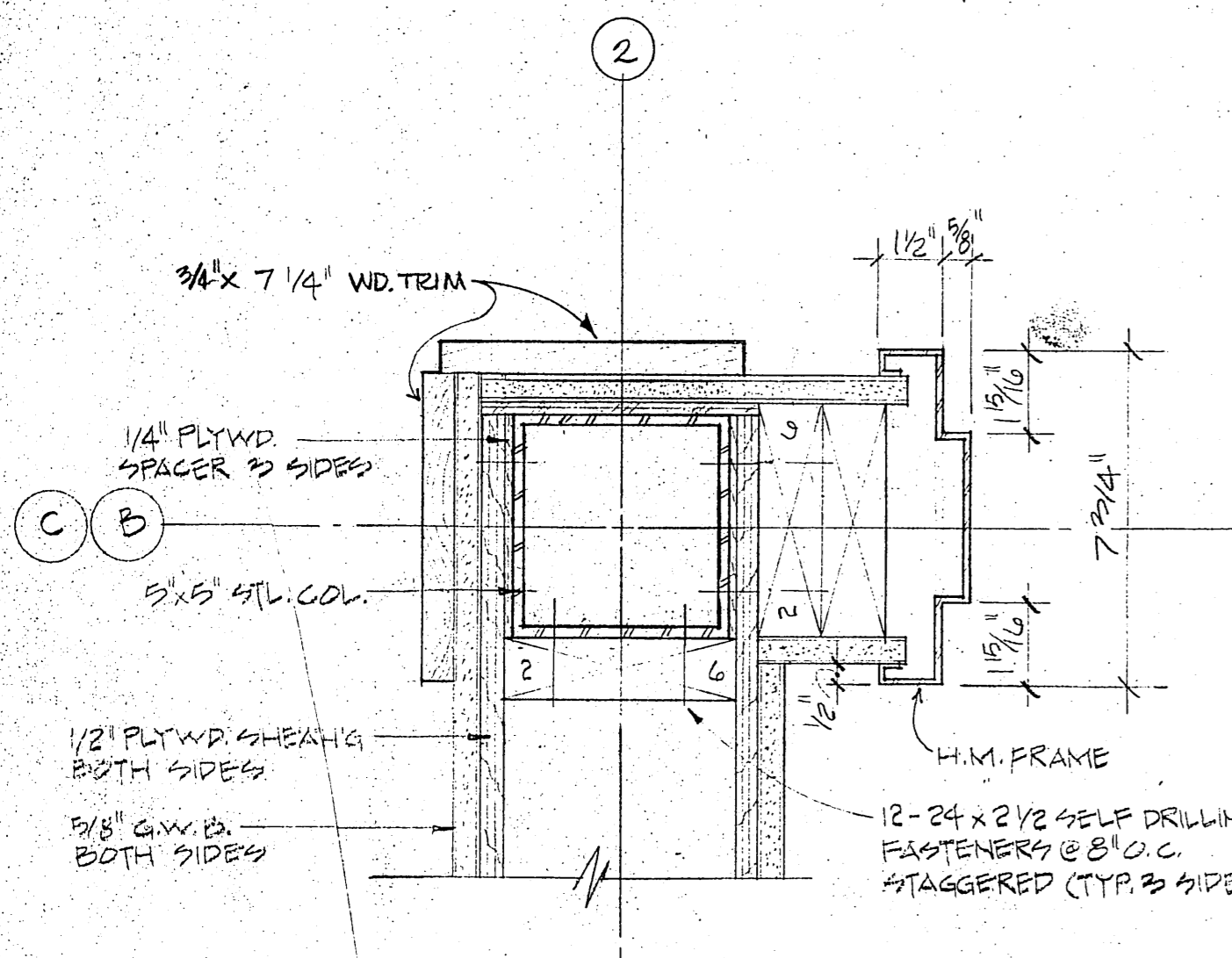
WINDOW DETAIL AT STRUCT. JAMB  
SCALE: 3" = 1'-0"



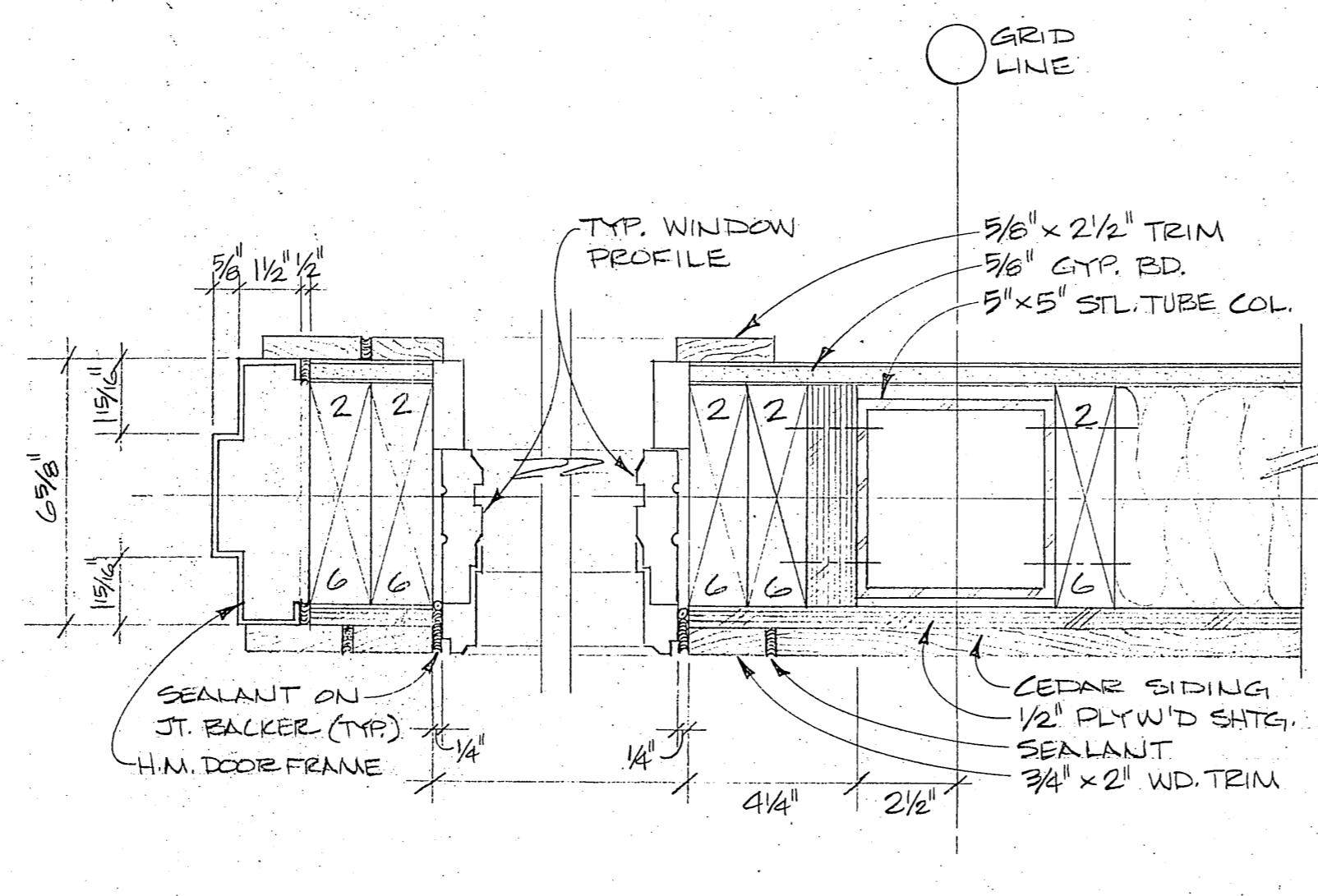
WINDOW DETAIL AT JAMB  
SCALE: 3" = 1'-0"



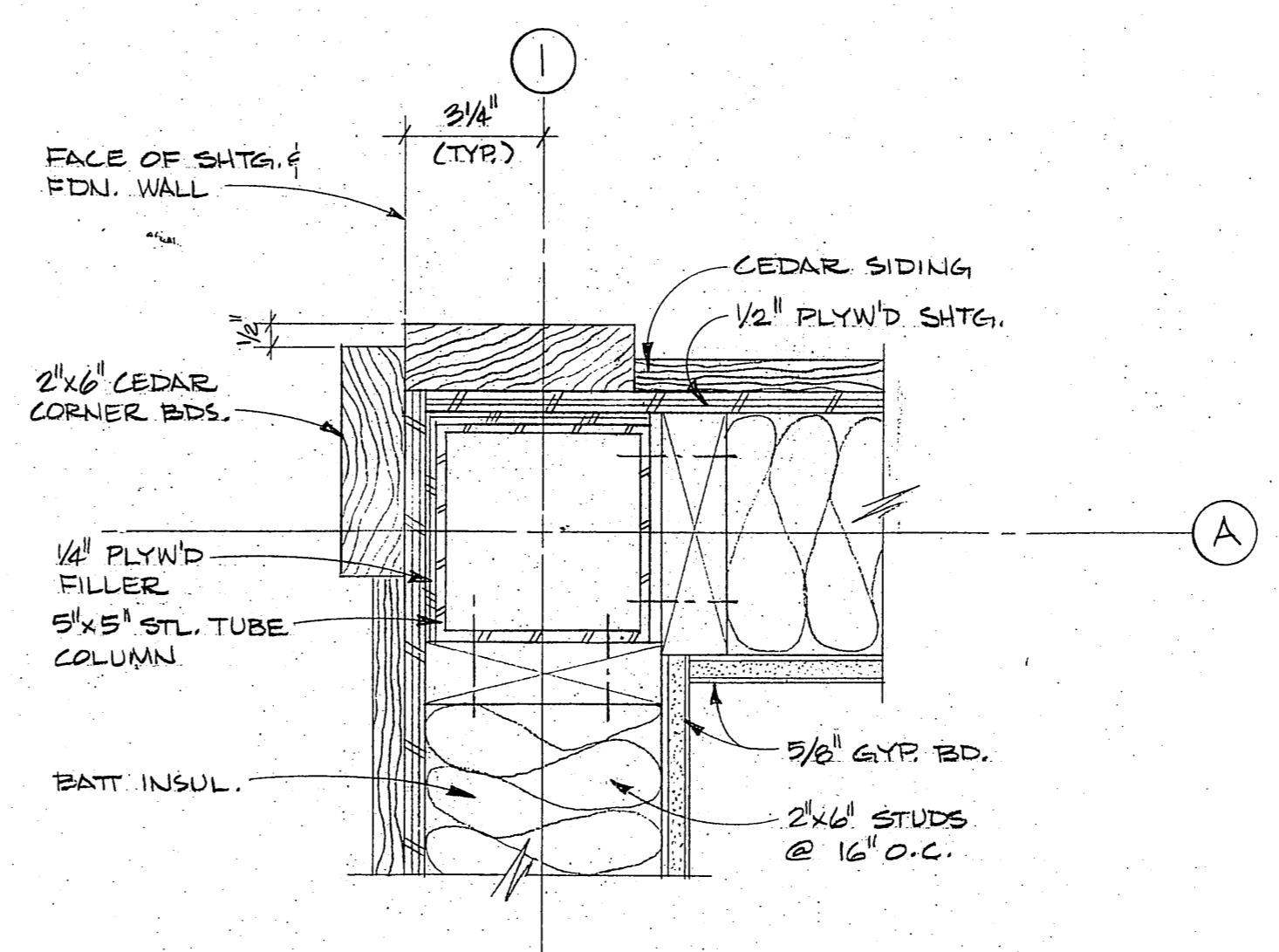
INTERIOR WALL DETAIL  
SCALE: 3" = 1'-0"



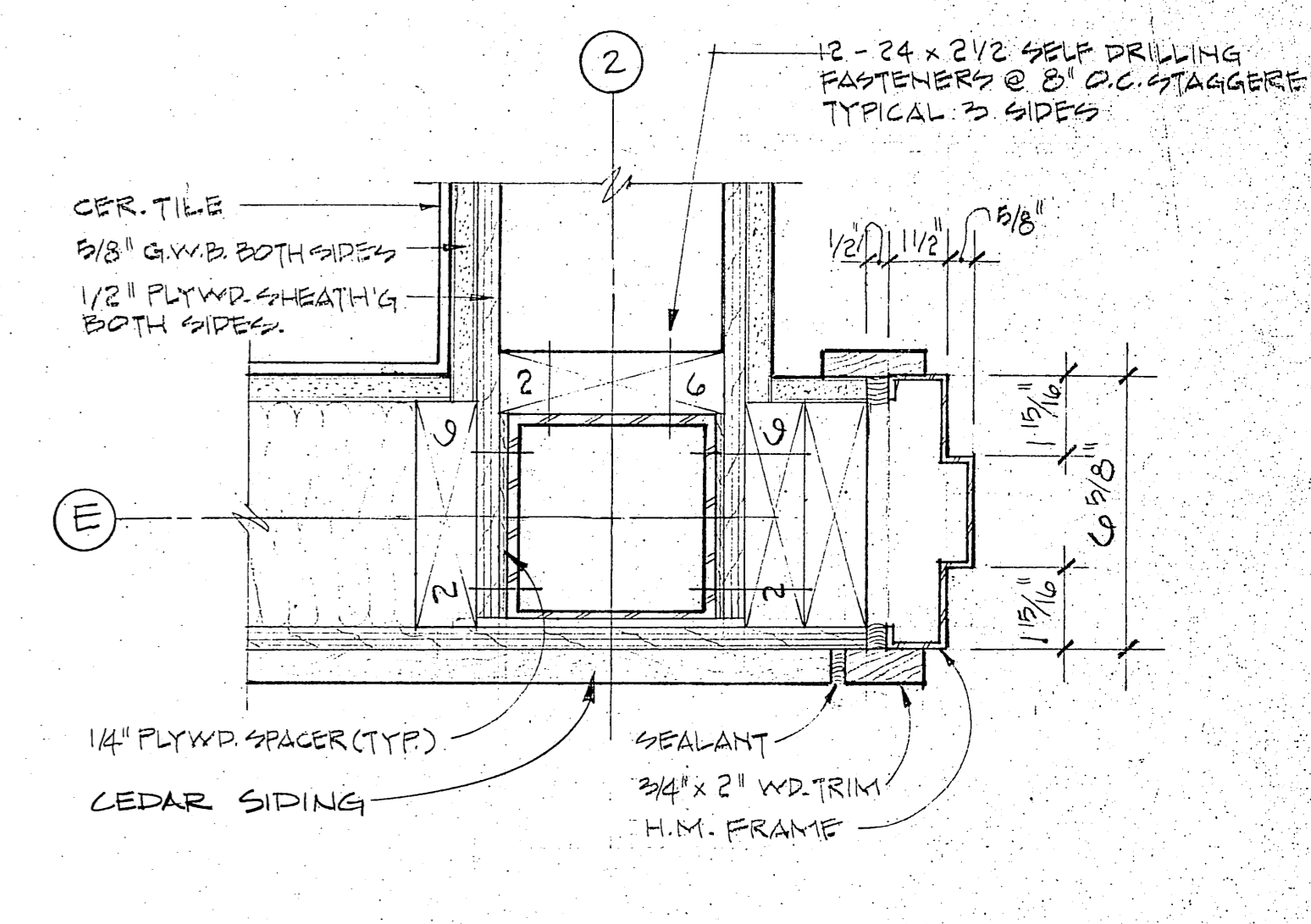
INT. CORNER / DOOR JAMB DETAIL  
SCALE: 3" = 1'-0"



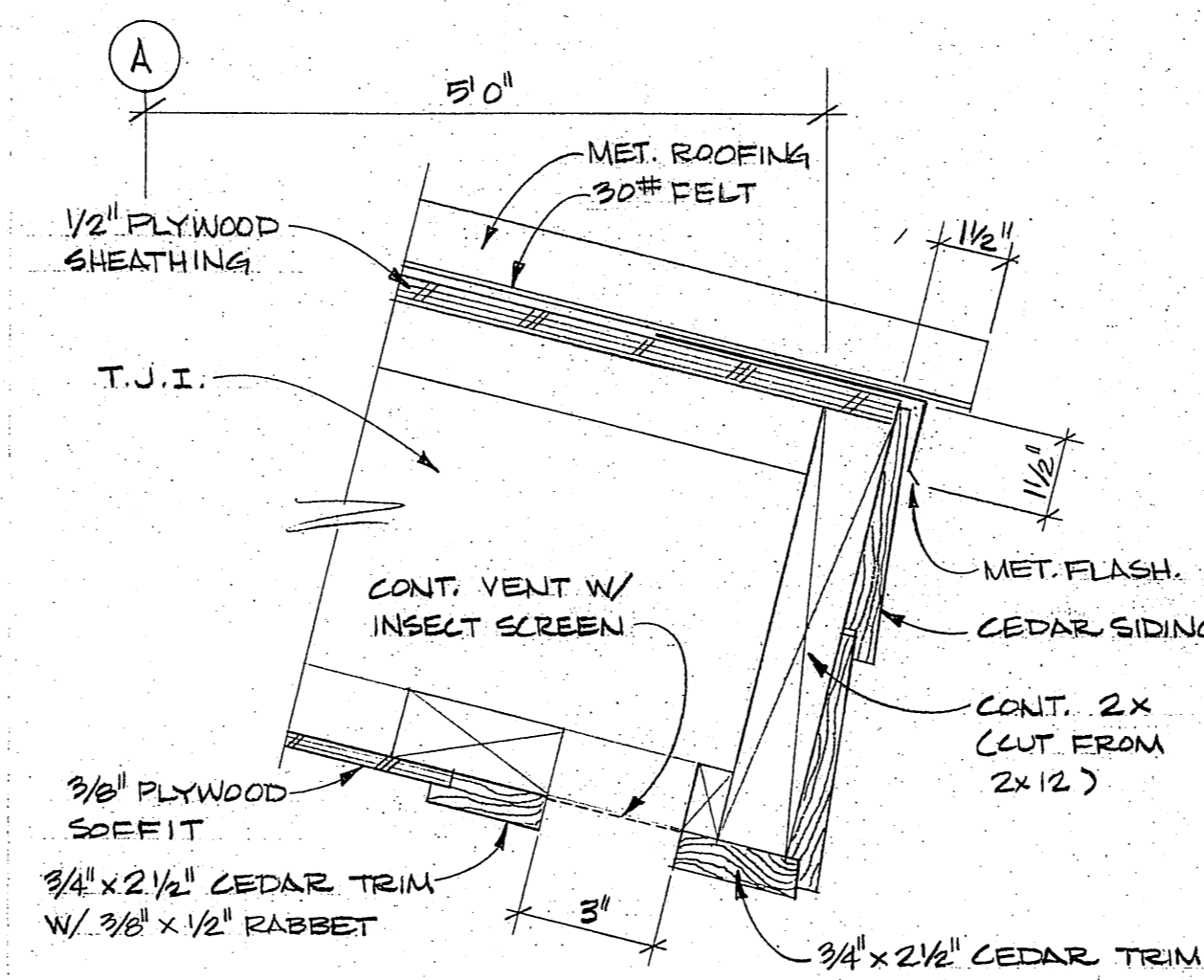
DOOR / WINDOW DETAIL AT STRUCT. JAMB  
SCALE: 3" = 1'-0"



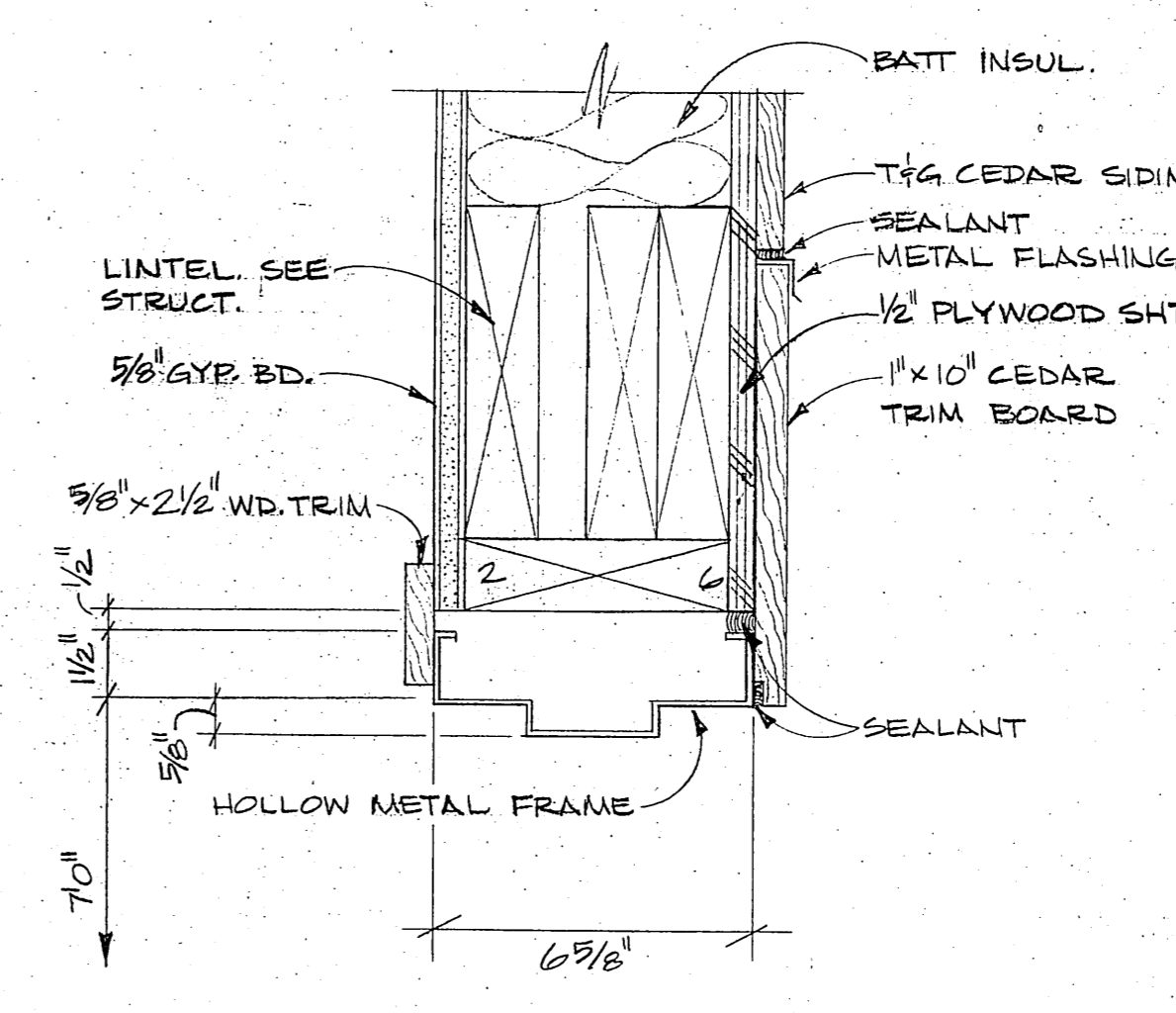
EXTERIOR CORNER DETAIL  
SCALE: 3" = 1'-0"



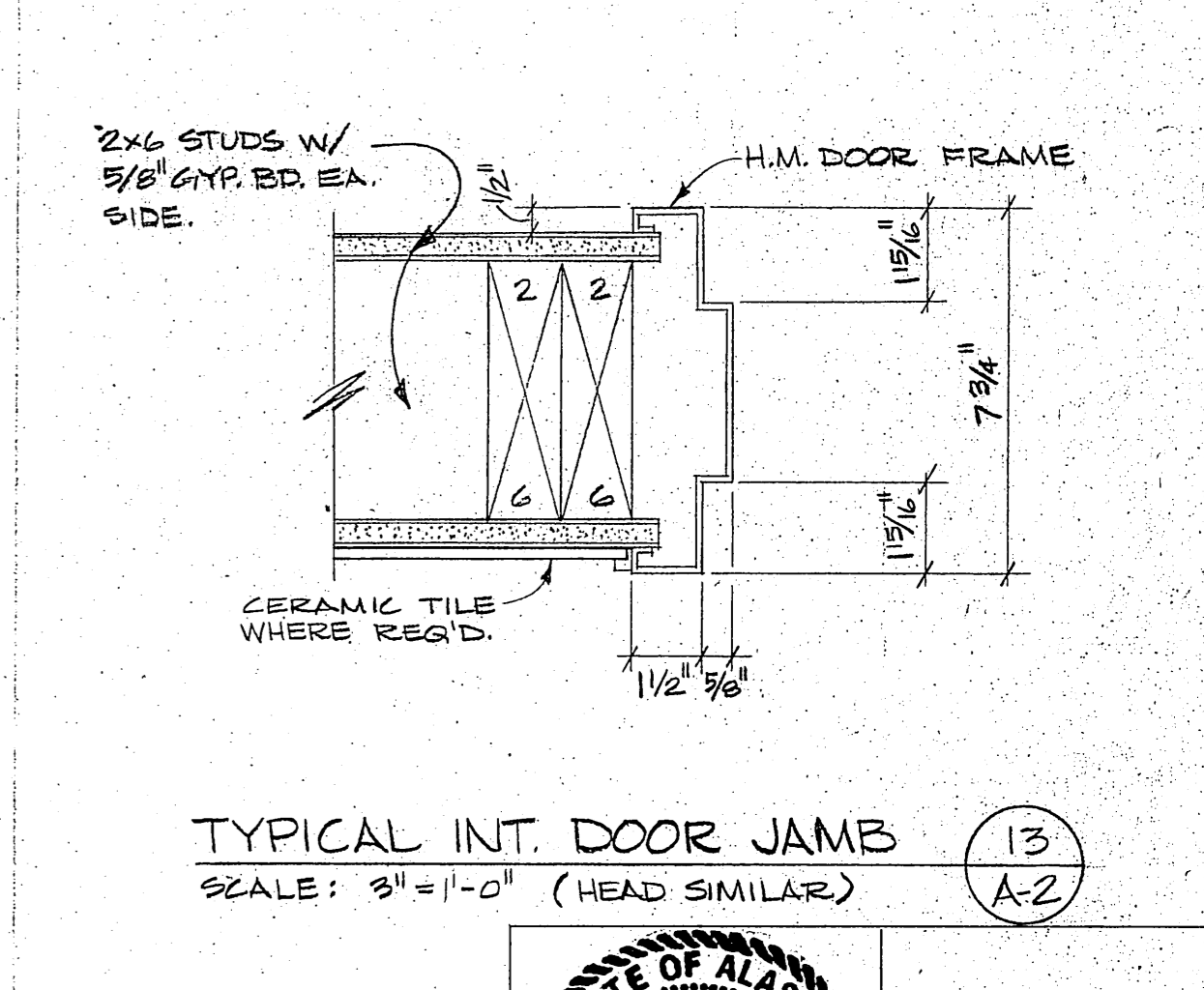
DOOR JAMB DETAIL  
SCALE: 3" = 1'-0"



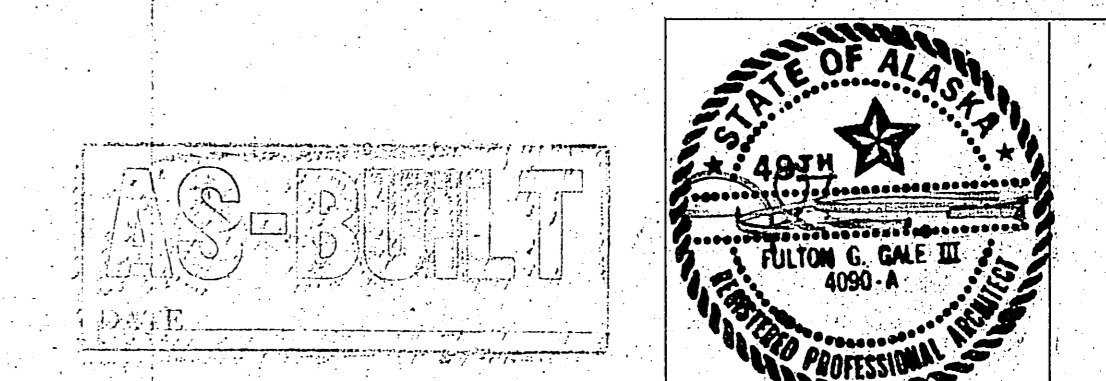
TYPICAL EAVE DETAIL  
SCALE: 3" = 1'-0"

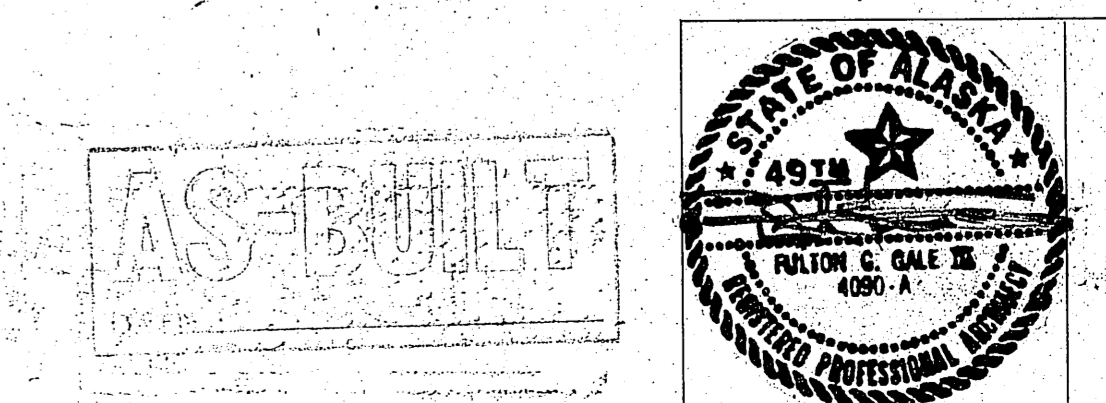
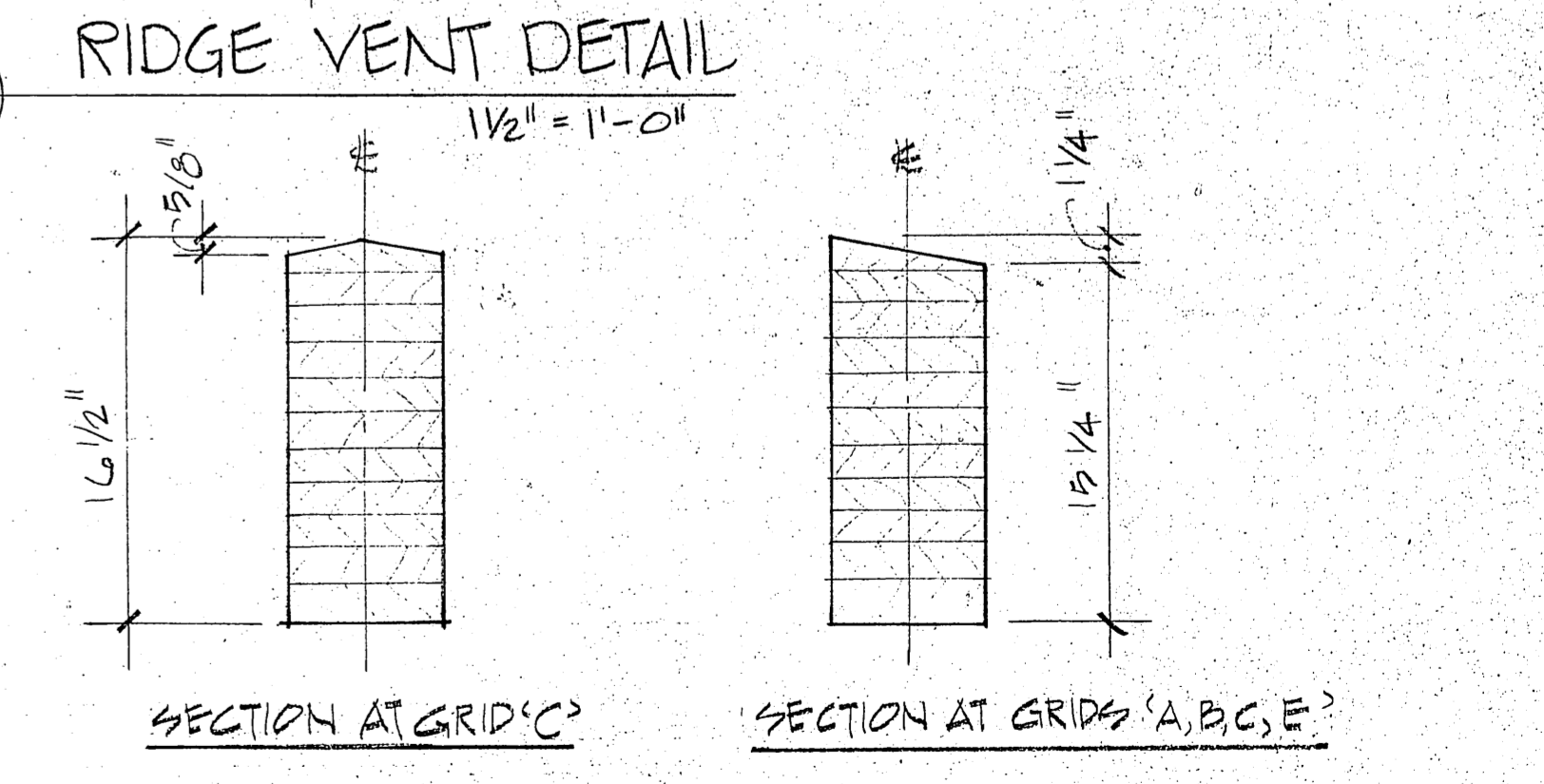
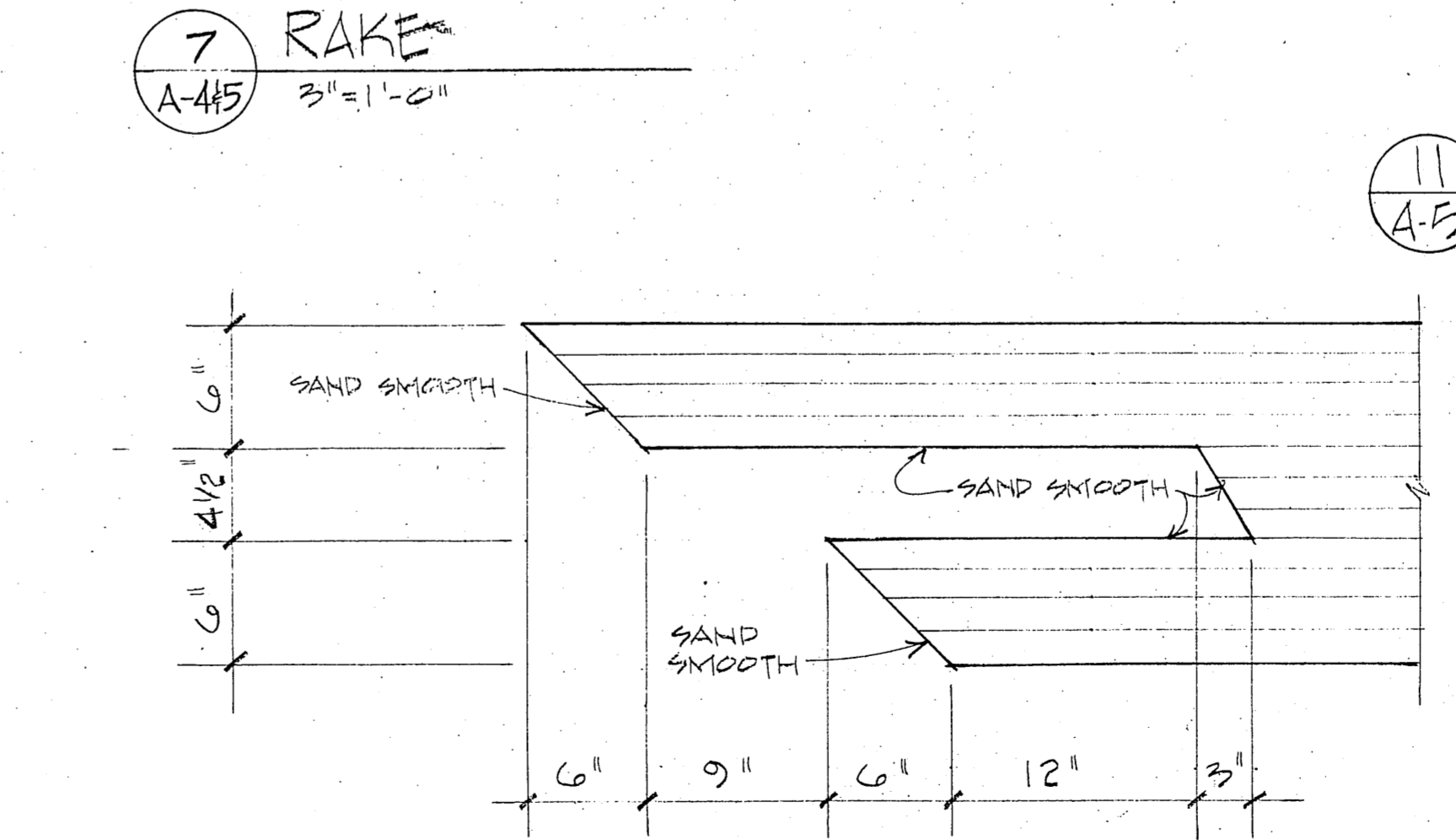
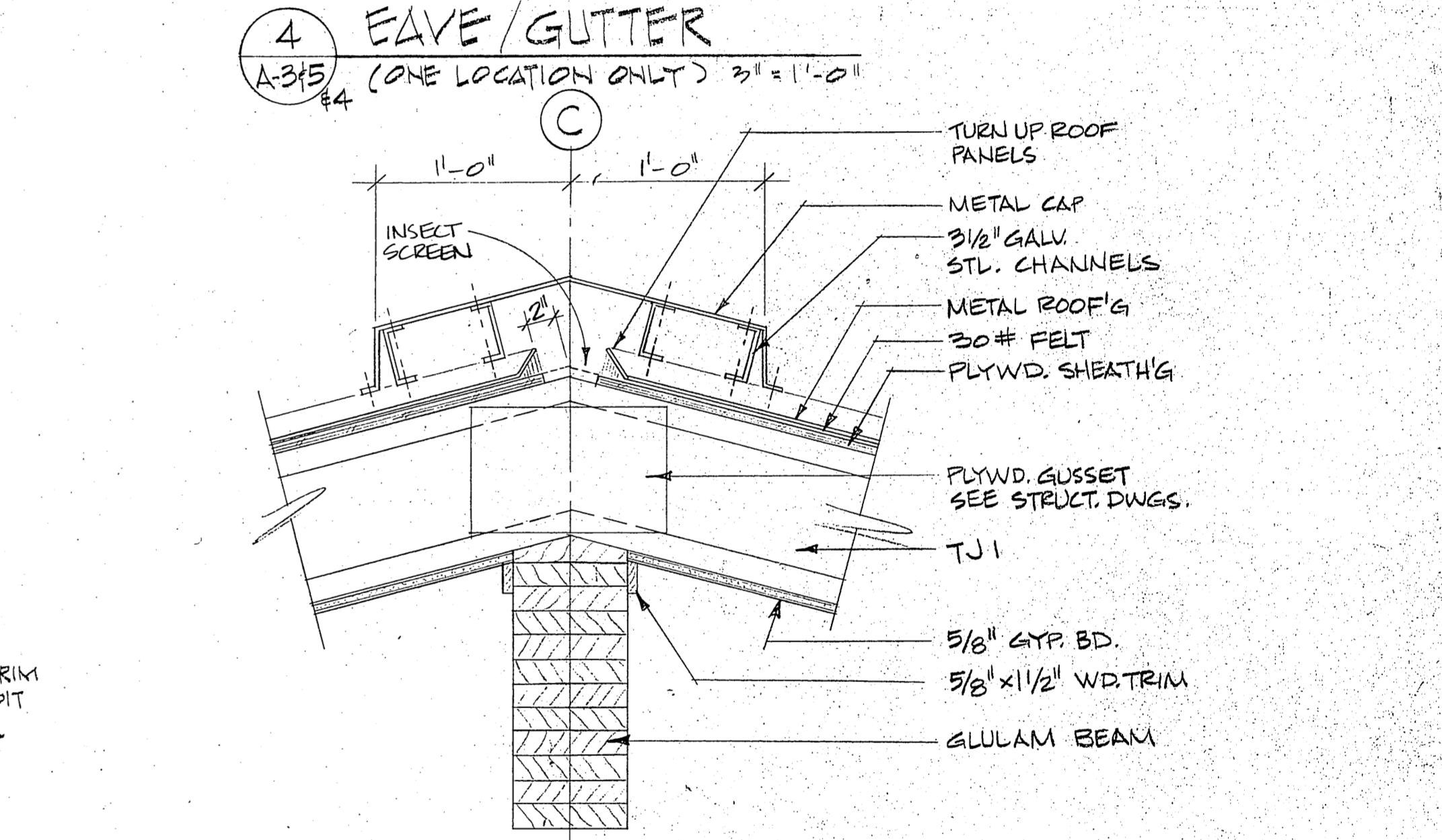
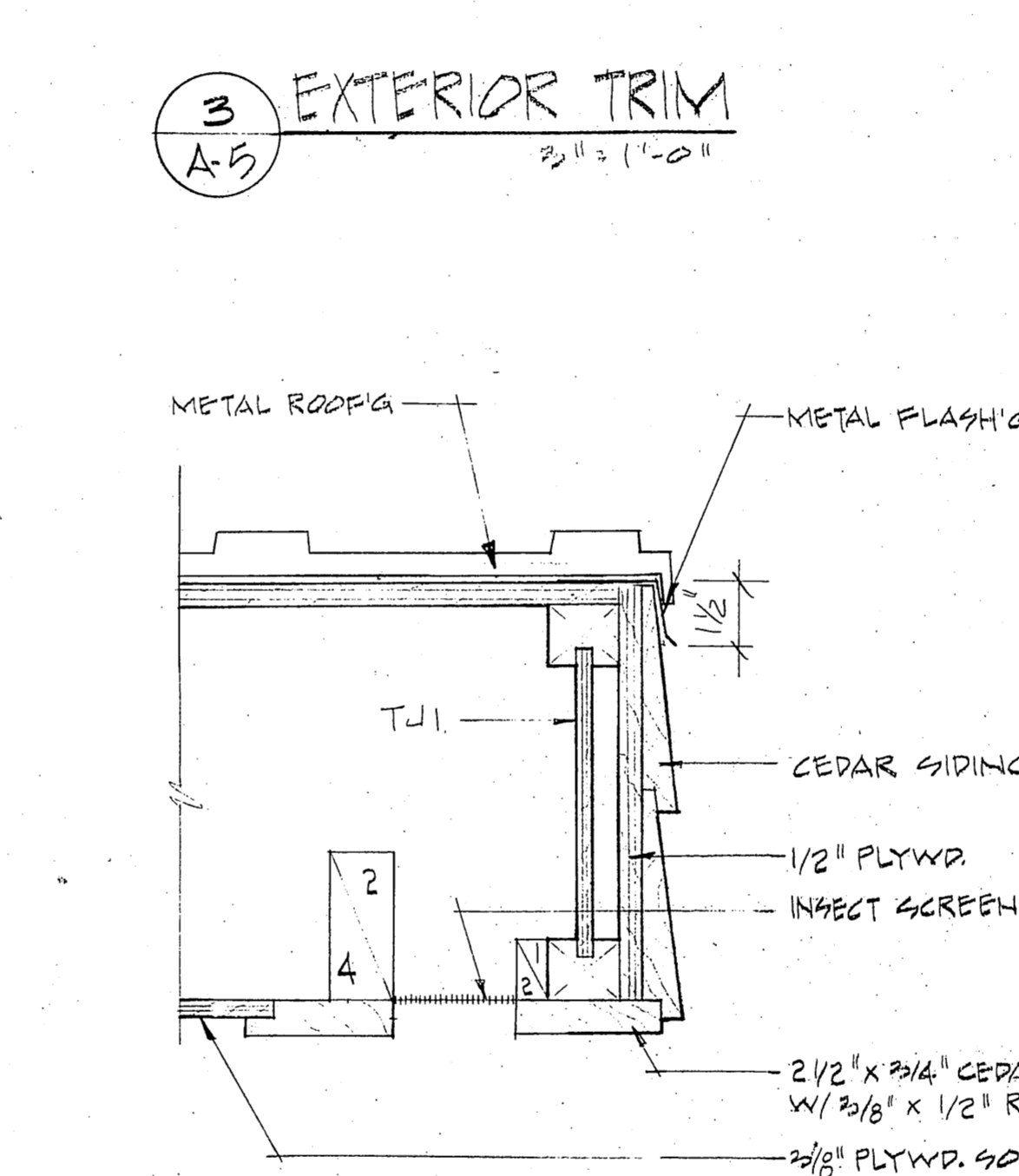
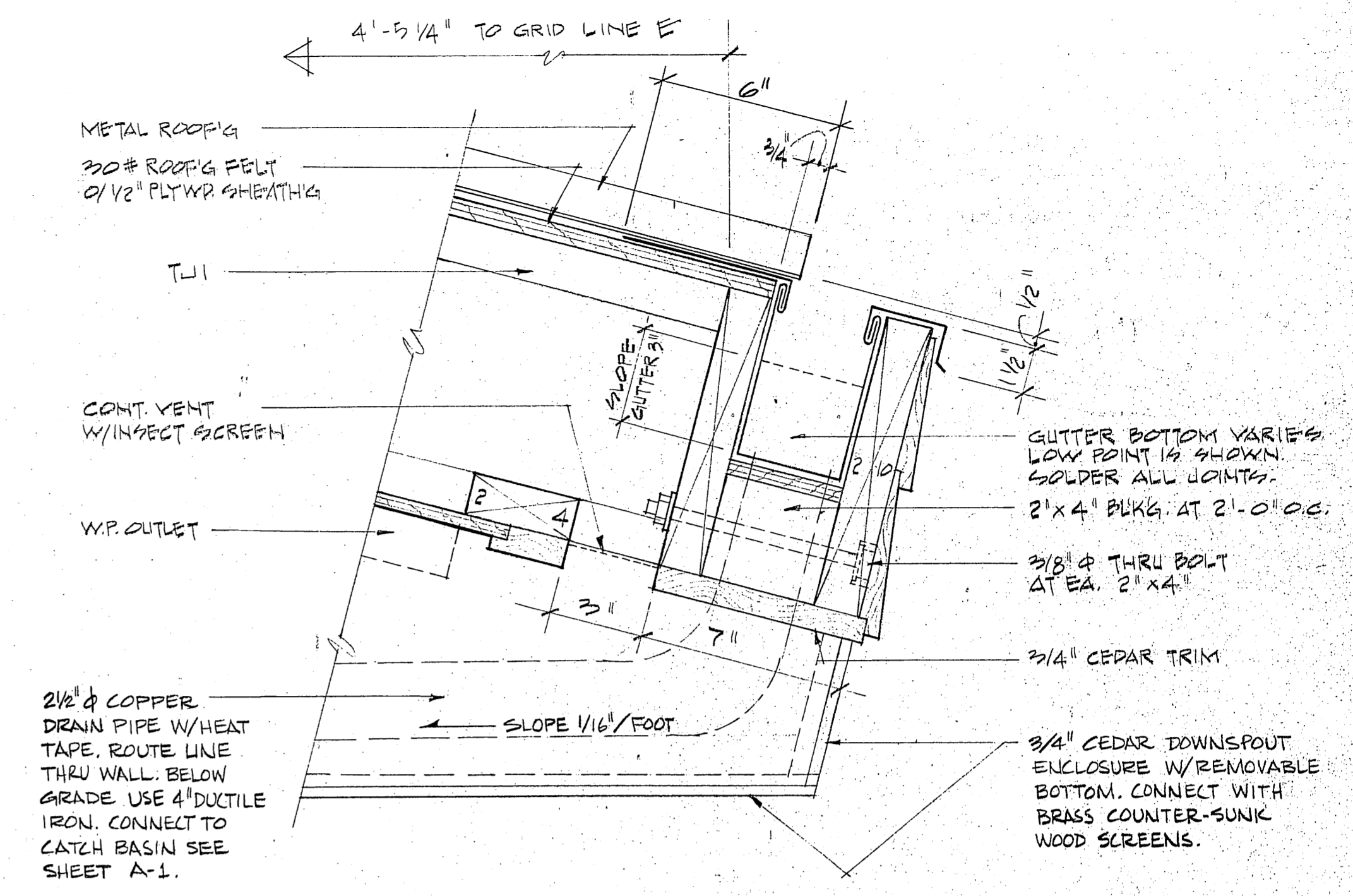
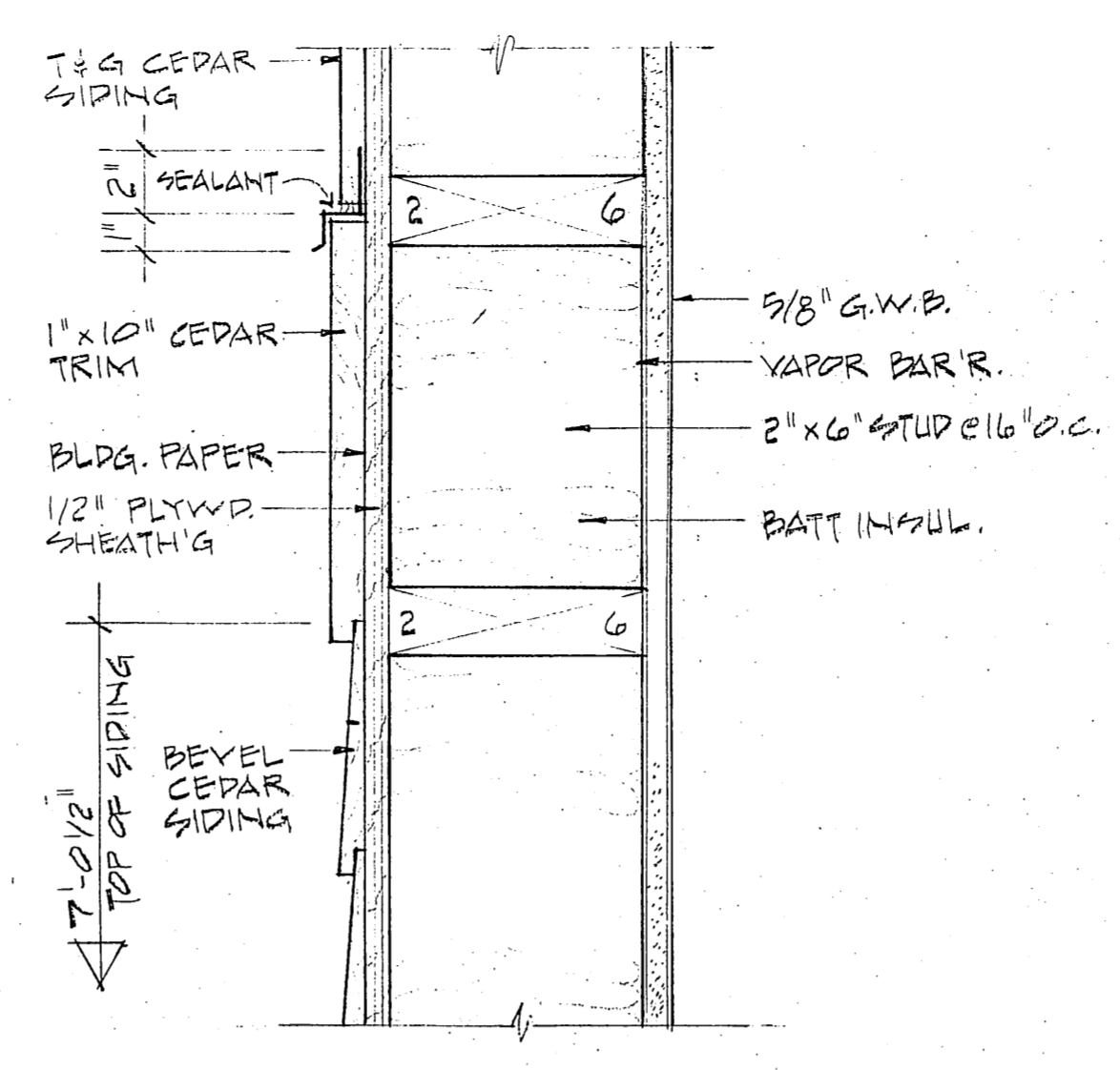
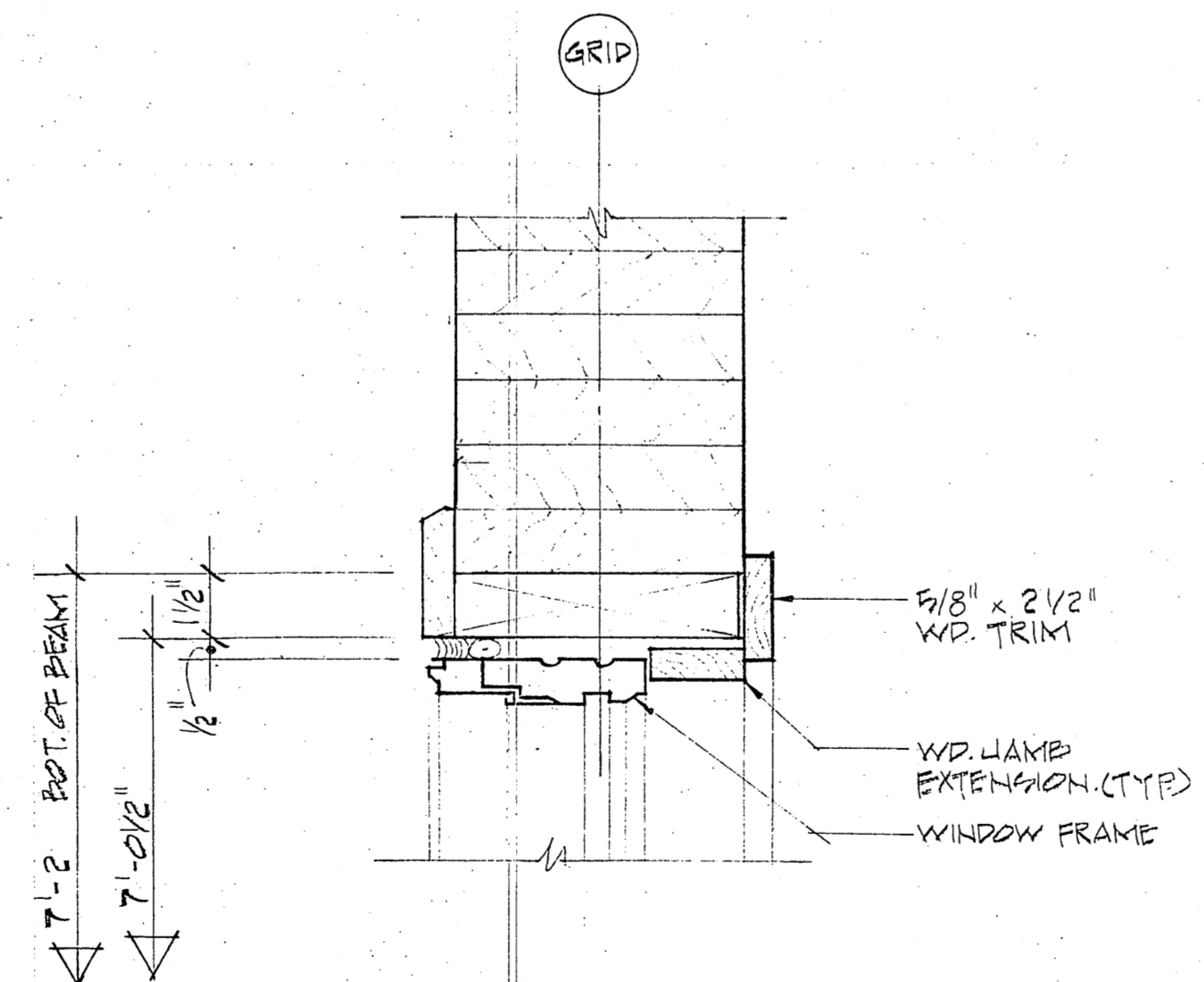
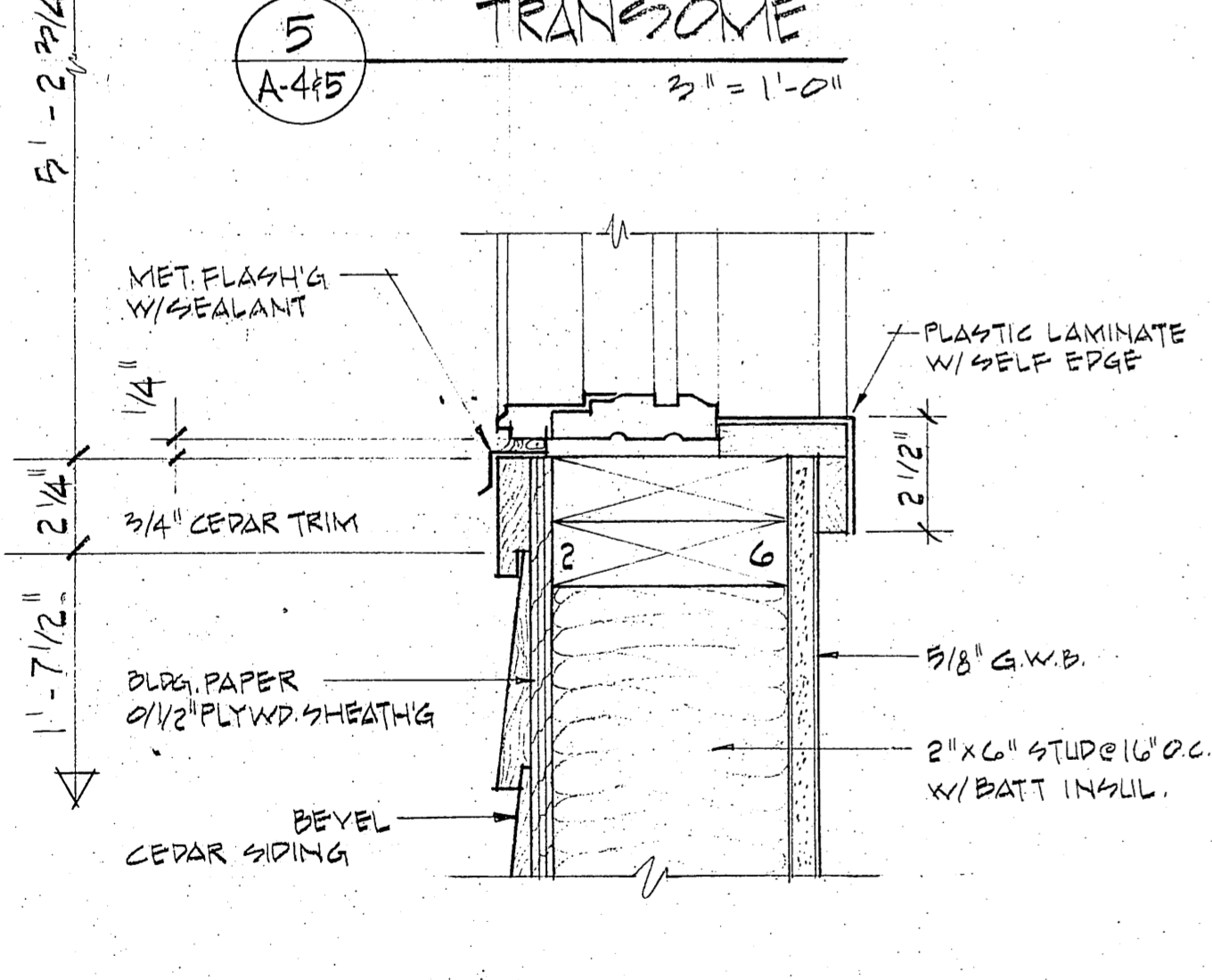
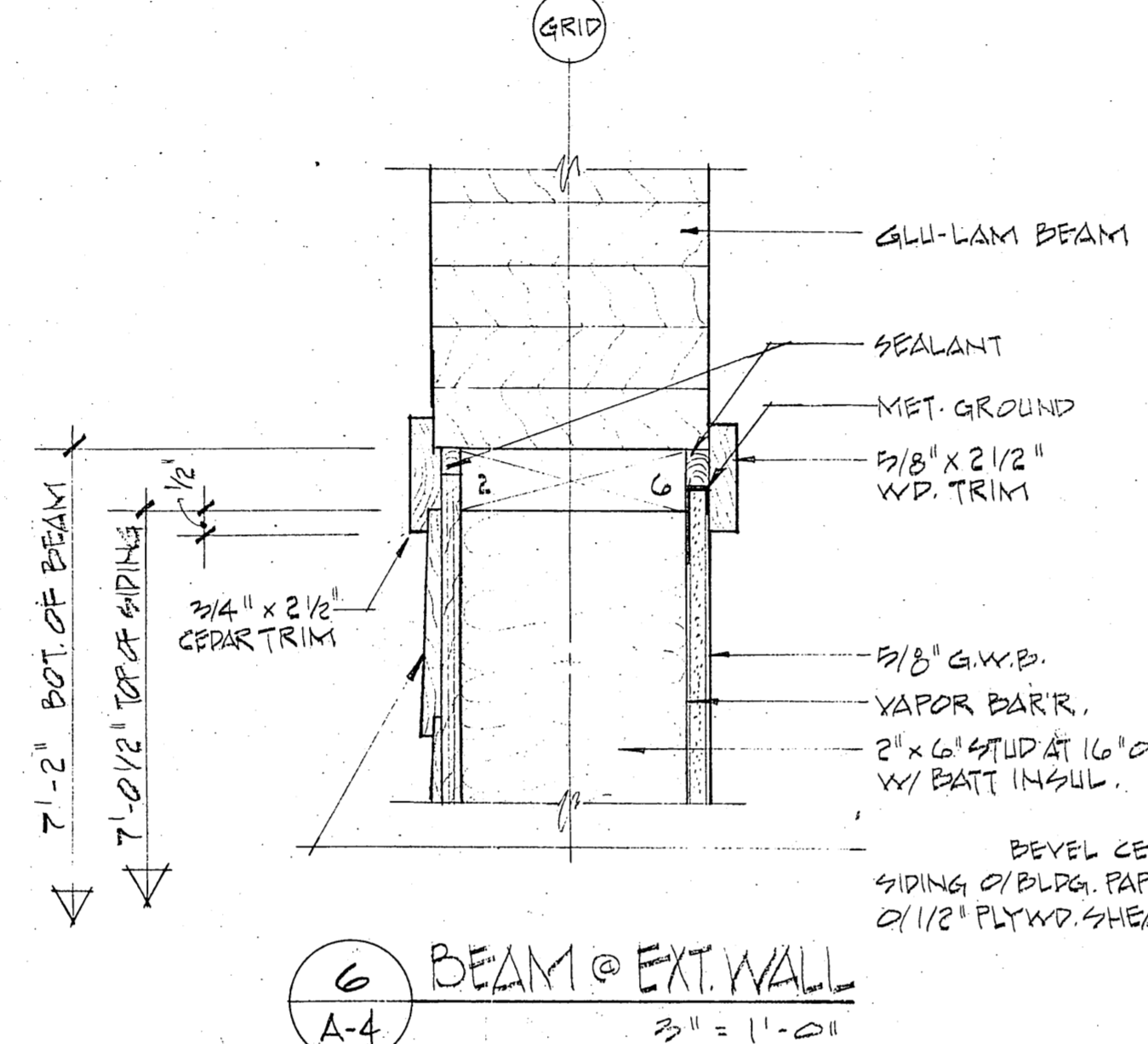
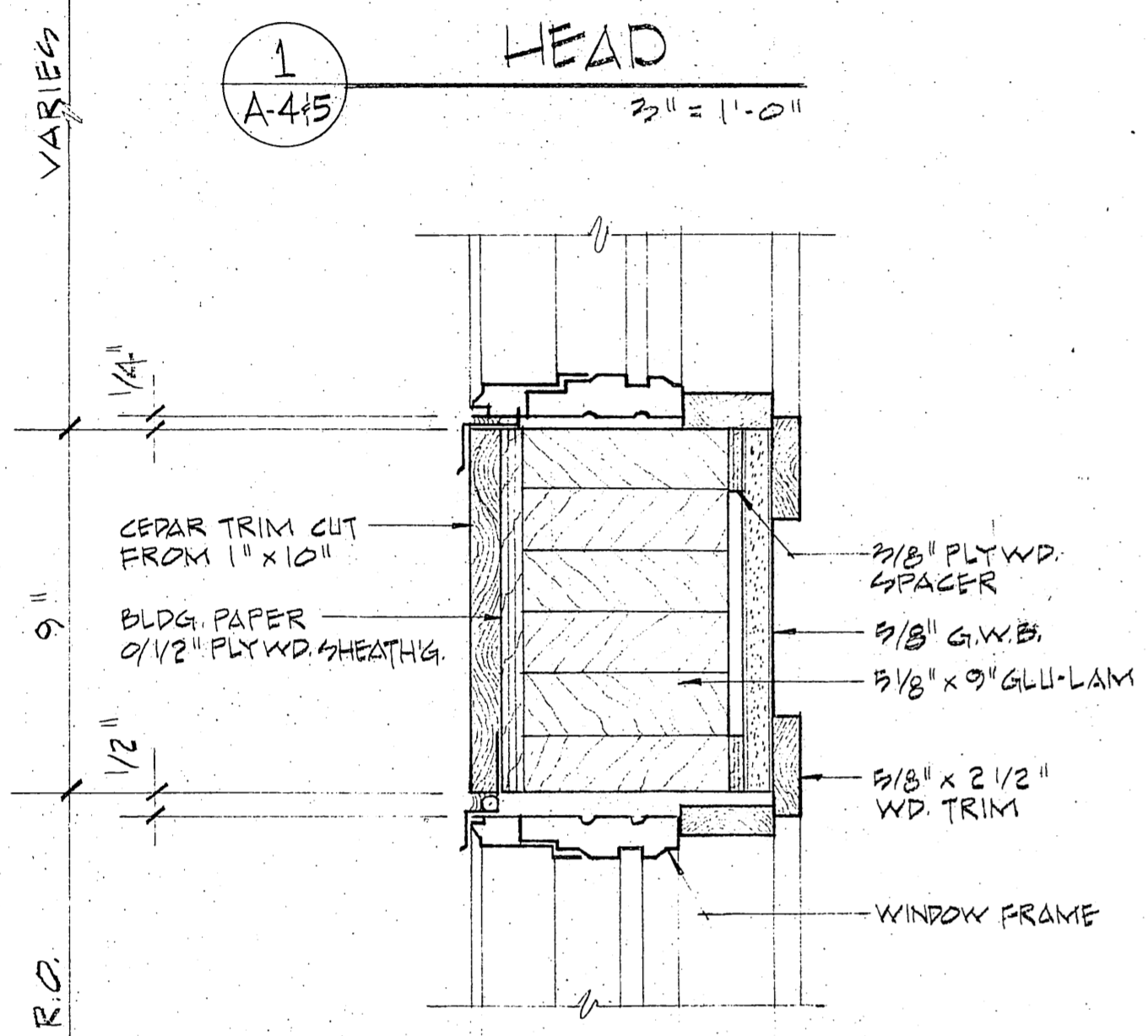
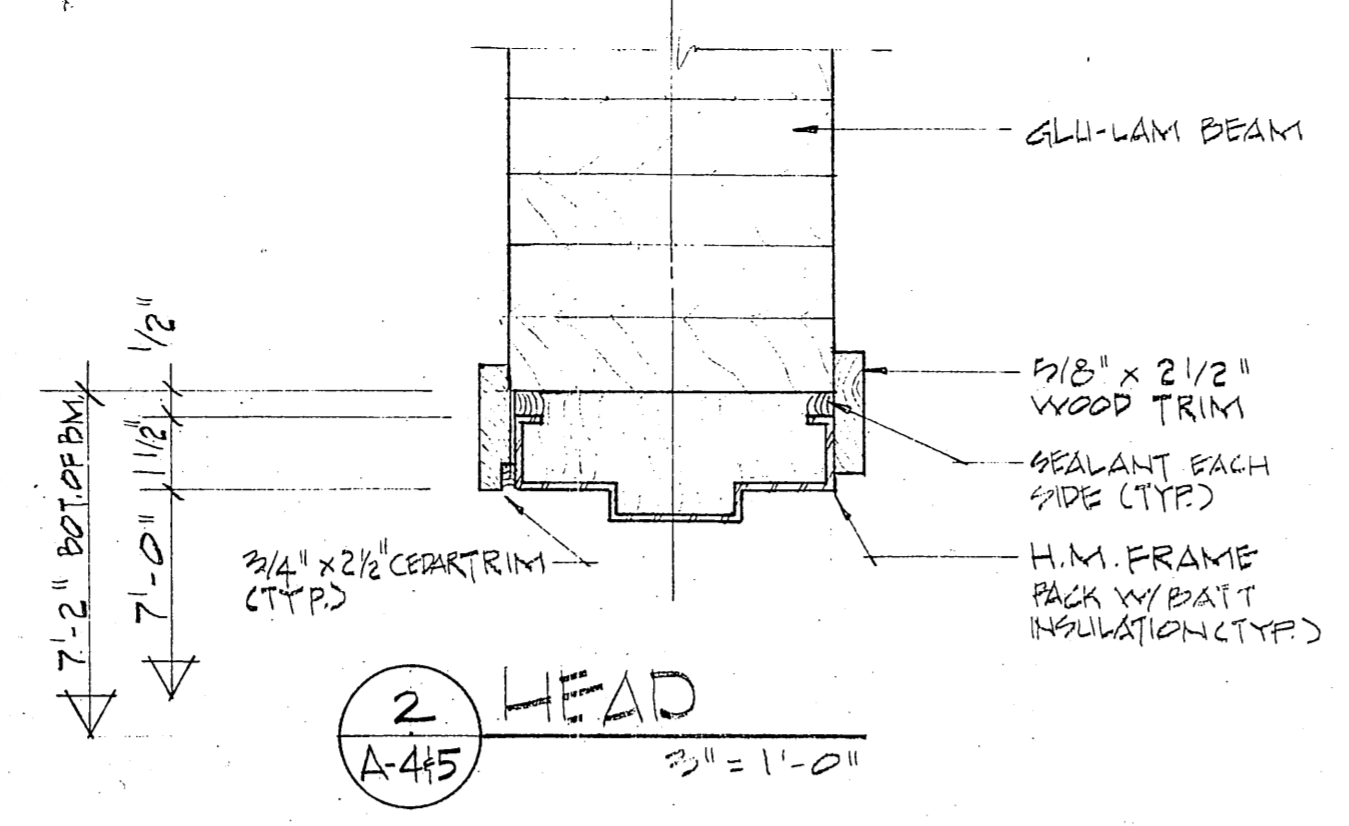
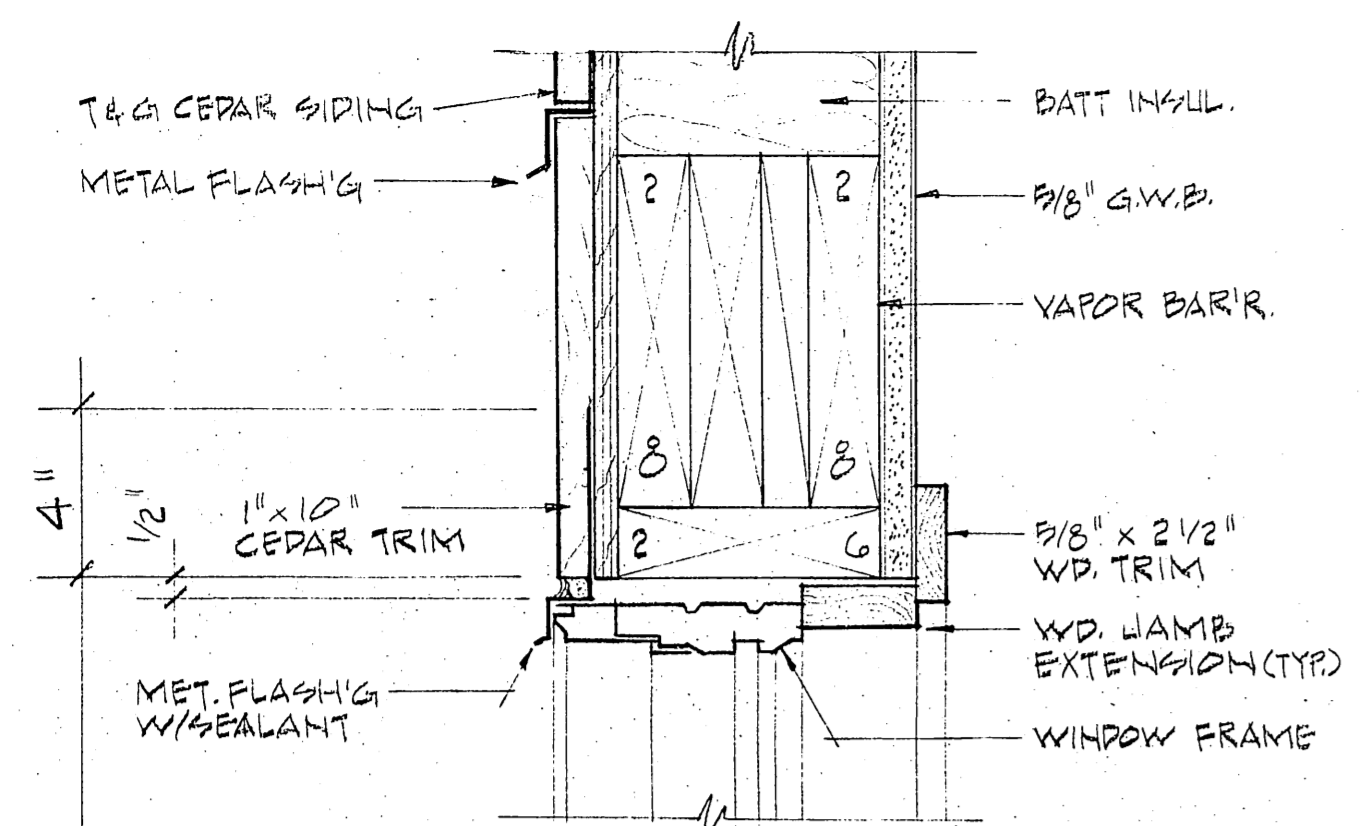


EXT. DOOR HEAD DETAIL  
SCALE: 3" = 1'-0"

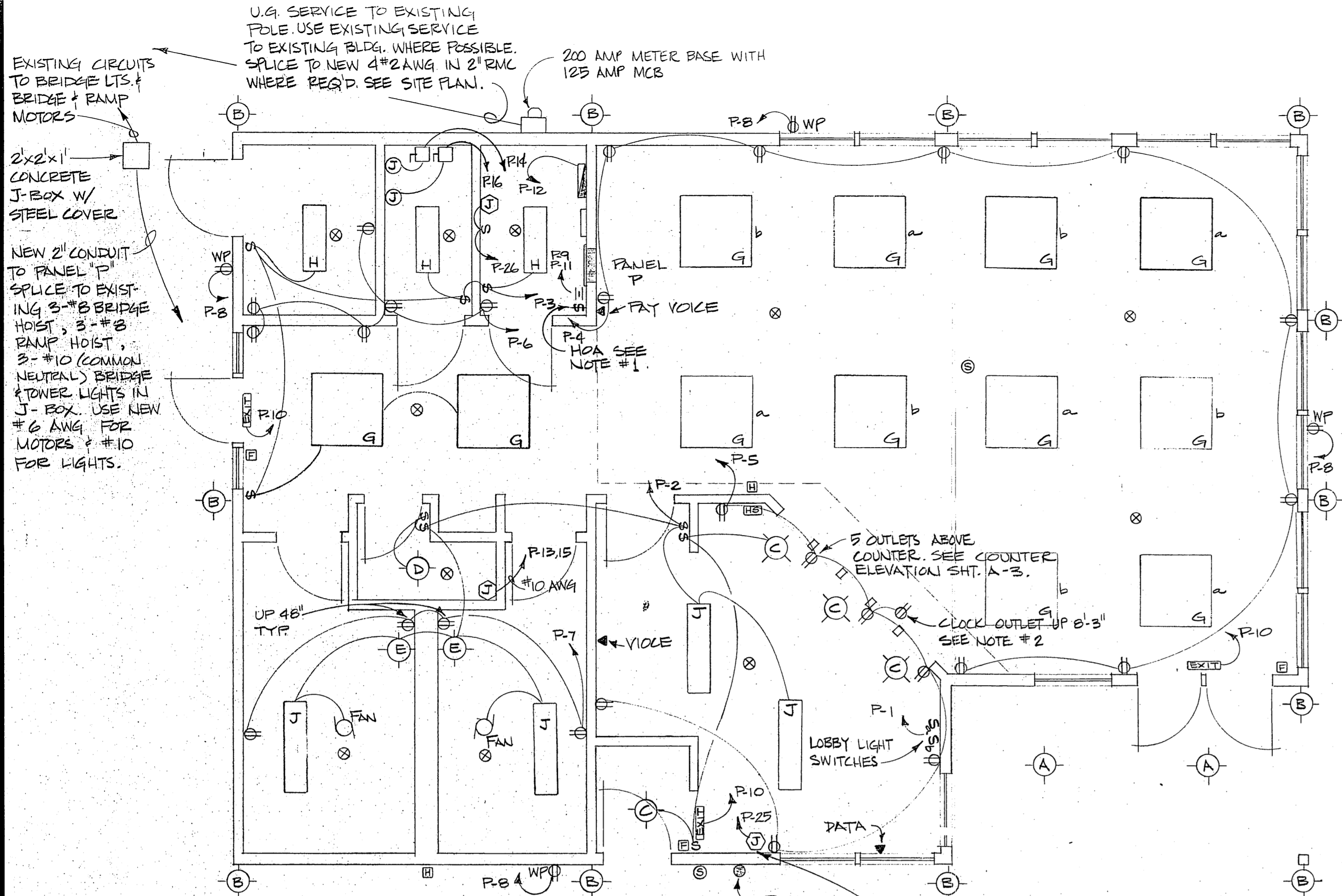


TYPICAL INT. DOOR JAMB  
SCALE: 3" = 1'-0" (HEAD SIMILAR)





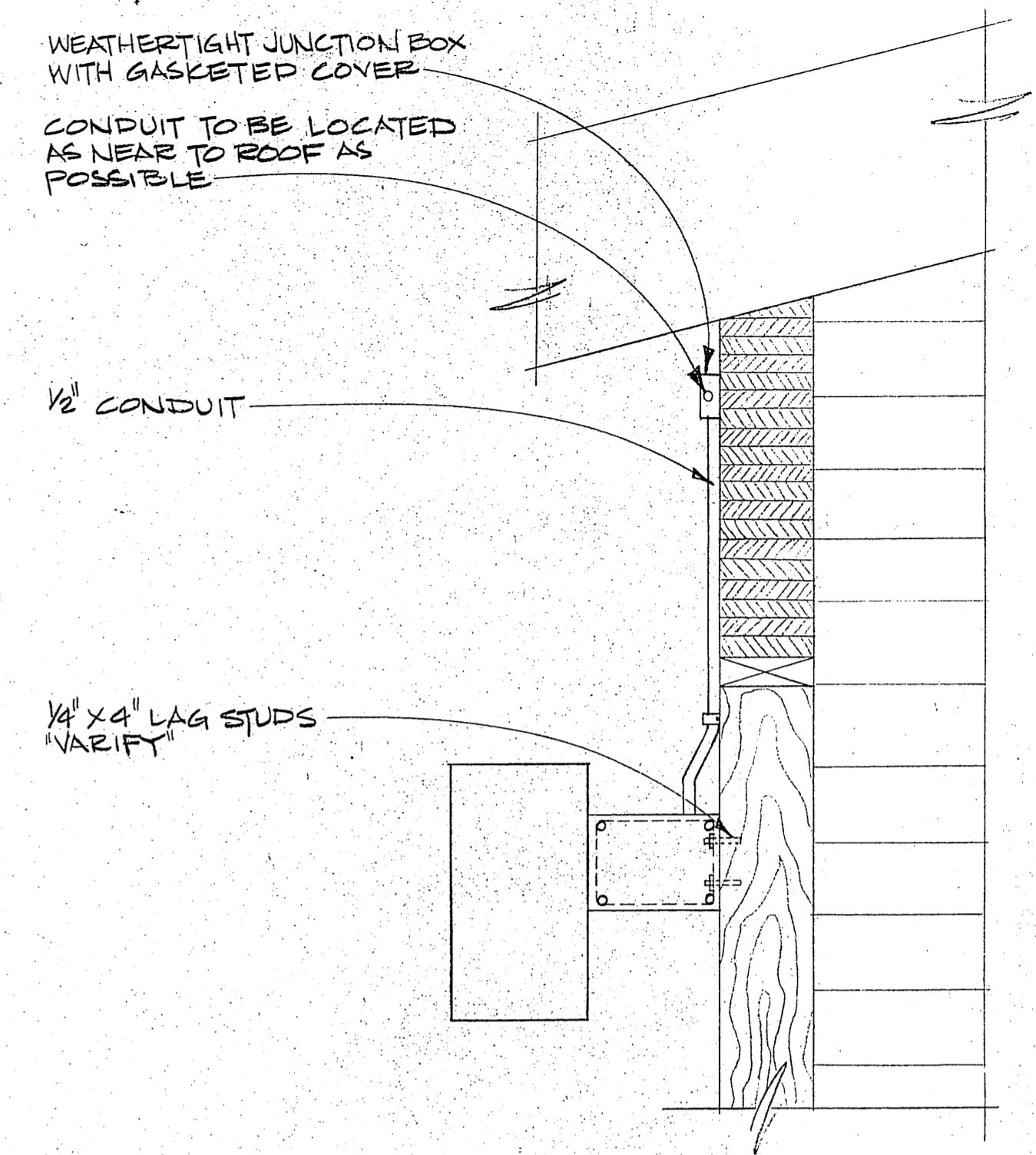
AS-BUILT



**ELECTRICAL PLAN**

**PANEL 'P' SCHEDULE**

LOBBY LIGHTS	20	1	2	20	LIGHTS
LIGHTS		3	4		OUTLETS
OUTLETS		5	6		OUTLETS
LAV. OUTLETS GFI		7	8		EXT. OUTLETS GFI
EXT. LIGHTS		9	10		EXIT LIGHTS
EXT. LIGHTS		11	12		FIRE ALARM
HOT WATER		13	14		FAN
HEATER #10 AWG		15	16		FURNACE
BRIDGE LIGHTS		17	18		AREA LIGHTS
RAMP		19	20		BRIDGE
HOIST		21	22		HOIST
MOTOR		23	24		MOTOR
RADIO		25	26		HEAT TAPE
SPARE		27	28		SPARE
		29	30		

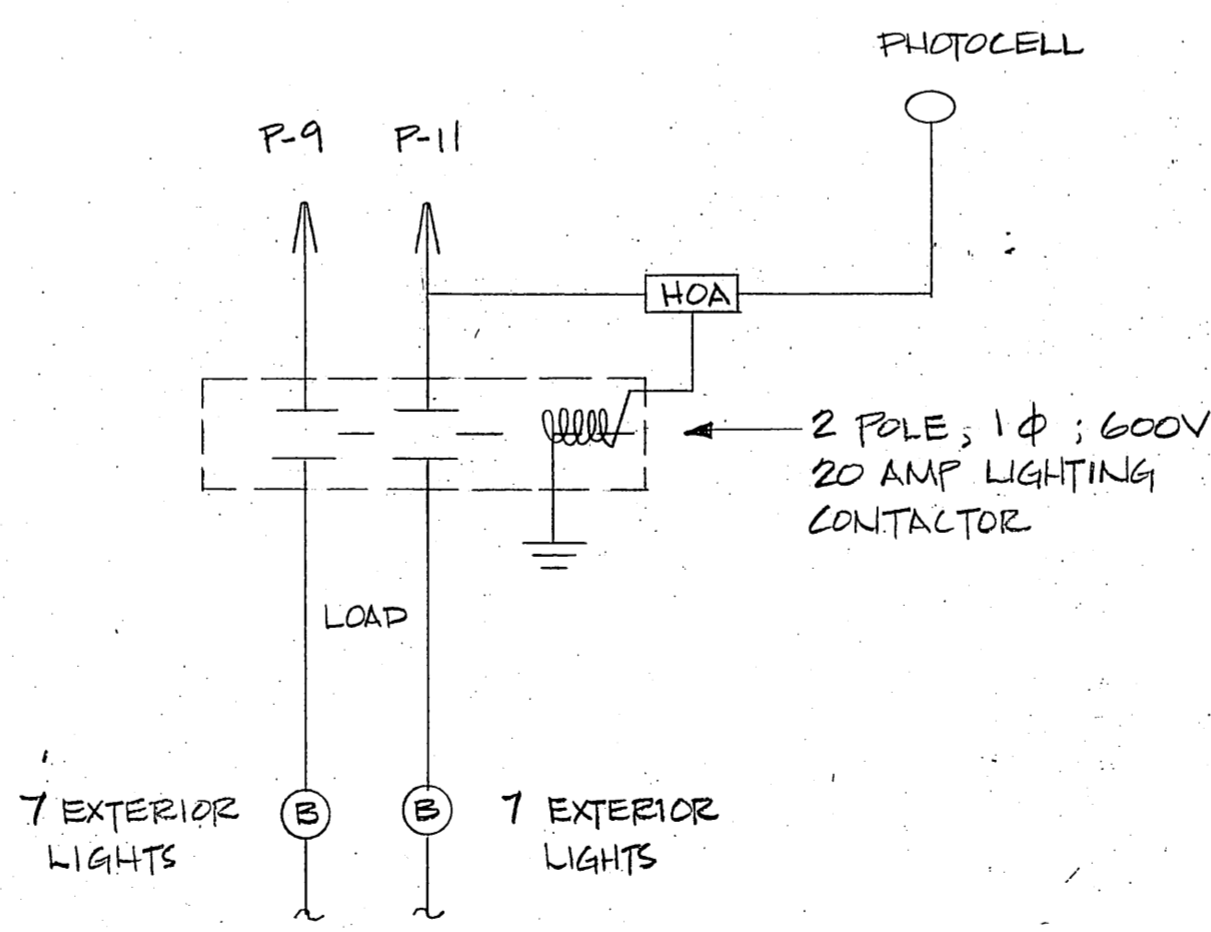


**TYPE 'B' LIGHT DETAIL**  
SCALE: 1/2" = 1'-0"

**PANEL**  
3 PHASE, 4 WIRE 125 AMP. WITH MLD FLUSH MOUNT & 80 BREAKER SPACES COMPLETE WITH COVER. SQUARE-D CATALOG NO. 90 420-30 OR APPROVED EQUAL.

FIXTURE SCHEDULE		
FIXT	MANUFACTURE & CATALOGUE #	COMMENTS
(A)	MCPHILBEN-3W-46 BXT P 46 PENDANT	150 W-PAR 38 OR R40
(B)	MCPHILBEN-3W-26 EX-P5623 WALL BRACKET	150 W-PAR 38 OR R40
(C)	MCPHILBEN-3-20 BPFJUB-41 RECESSED	150 W-R40 LAMP
(D)	PORCELAIN BASE LAMP HOLDER	
(E)	DEVINE #B347	2-F20T12CW
(F)	HOLOPHANE #M-23 EXIT	1-F20T12CW
(H)	LITHONIA #C240	2-F40T12CW
(J)	GLOBE #QP62-3401-48RS-2	2-F40T12CW
(G)	LIGHTOLIER #13560	6-30W

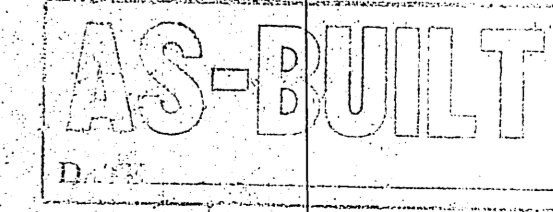
LEGEND	
(O)	JUNCTION BOX
(S)	SWITCH
(#)	3 WIRE CIRCUIT
(WP)	WATER PROOF OUTLET
(D)	DUPLEX RECEPTACLE OUTLET
(H)	HOME RUN TO PANEL
(T)	TELEPHONE OUTLET
(P)	POWER PANEL
(TP)	TELEPHONE PANEL
(FA)	FIRE ALARM PANEL
(F)	EXHAUST FAN
(FB)	FIRE ALARM BREAKGLASS STA. (MOUNT UP 4'-8")
(FD)	FIXED TEMPERATURE DETECTOR
(FH)	FIRE ALARM HORN (MOUNT UP 7'-0")
(S)	SPEAKER
(HS)	HANDSET STATION
(MS)	MANUAL STARTER
(LC)	LIGHTING CONTACTOR



**EXTERIOR LIGHTING CONTROL PLAN**  
NO SCALE

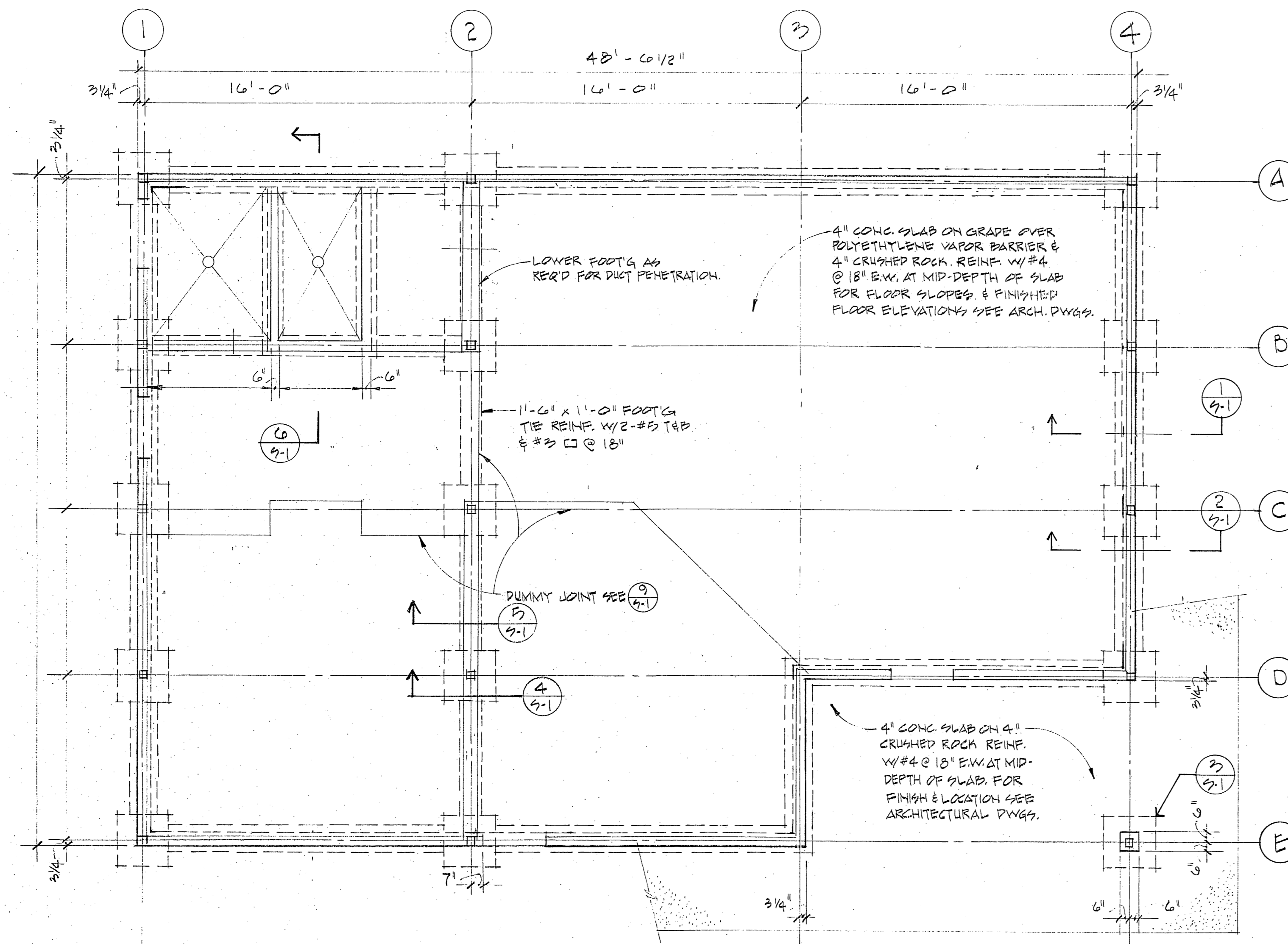
**NOTES**

1. PROVIDE HOA & PHOTOCELL SWITCH FOR EXTERIOR LIGHT CONTROL THROUGH CONTACTOR. SEE PLAN.
2. CLOCK - 12" DIAM., SEMI-RECESSED. INDICATING FOR 120V. 60 HERTZ OPERATION. SIMPLEX CUSTOM 5 TO BE MOUNTED ON A FLUSH 3 1/2 x 9 1/2 x 2 3/16 DEEP STEEL CLOCK OUTLET BOX, SIMPLEX CAT. NO. 5928.
3. CONNECT EXISTING EXTERIOR AREA LIGHTS TO NEW PANEL BY SPLICING EXISTING CIRCUIT TO EXISTING BUILDING TO NEW WIRE & CONDUIT TO NEW PANEL. SEE SITE PLAN.
4. ALL TELEPHONE CIRCUITS TO BE RUN IN 3/4" E.M.T.
5. INSTALL TELEPHONE TERMINAL BOARD ADJACENT POWER PANEL "P". CONNECT TO EXISTING 1" CONDUIT WHICH SERVES EXISTING BUILDING W/NEW 1" CONDUIT. PROVIDE 12" x 12" x 12" CONCRETE HANDHOLE WITH STEEL COVER IN PED. ISLAND.
6. PROVIDE TEMPORARY ELECTRICAL AND TELEPHONE SERVICE TO TEMPORARY TRAILER SERVING AS TERMINAL AS REQUIRED.
7. PROVIDE PUBLIC ADDRESS SYSTEM AS SHOWN ON PLAN. HANDSET STATION SHALL CONSIST OF: ONE PUSH BUTTON MICROPHONE OR HANDSET W/COILED CORD CAPABLE OF REACHING 10 FT.; TWO ATTENUATOR CONTROLS FOR EACH OF THE SPEAKERS & POWER AMPLIFIER CAPABLE OF DELIVERING 35 WATTS TO EXTERNAL SPEAKER & 10 WATTS TO LOBBY SPEAKER. EXTERNAL SPEAKER SHALL BE WEATHERPROOF W/TAMPERPROOF Baffle DESIGN & SHALL BE MOUNTED UNDER THE BLDG. SOFFIT. THE LOBBY SPEAKER SHALL HAVE 8" ROUND SATIN ALUMINUM CEILING BAFFLE.



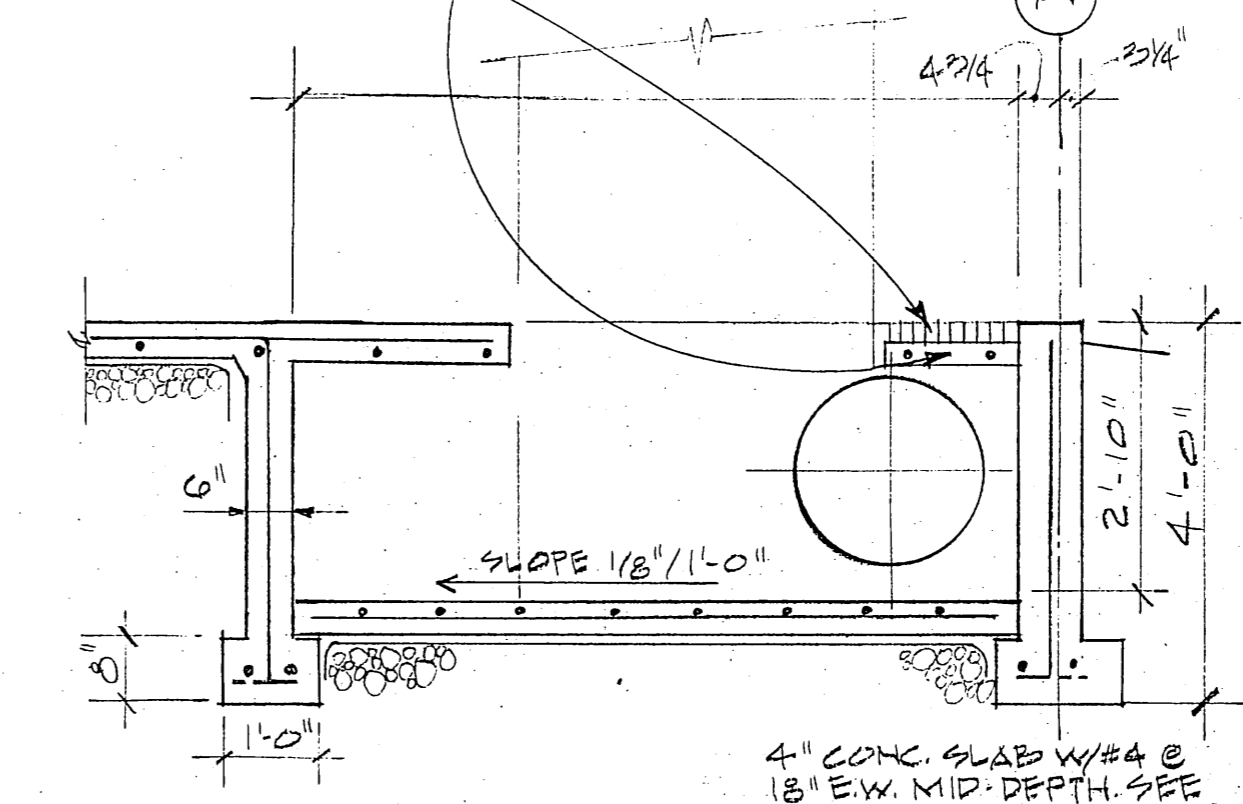
Richard H. Lovitt



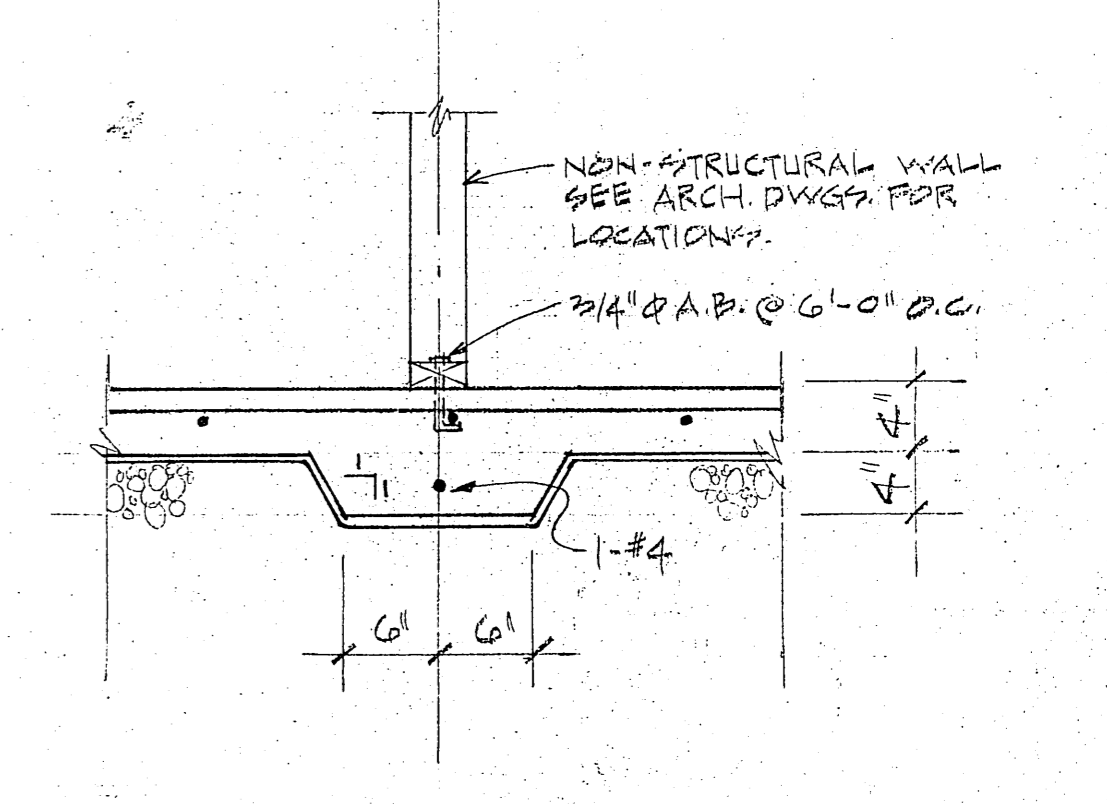


**FOUNDATION PLAN**  
1/4" = 1'-0"

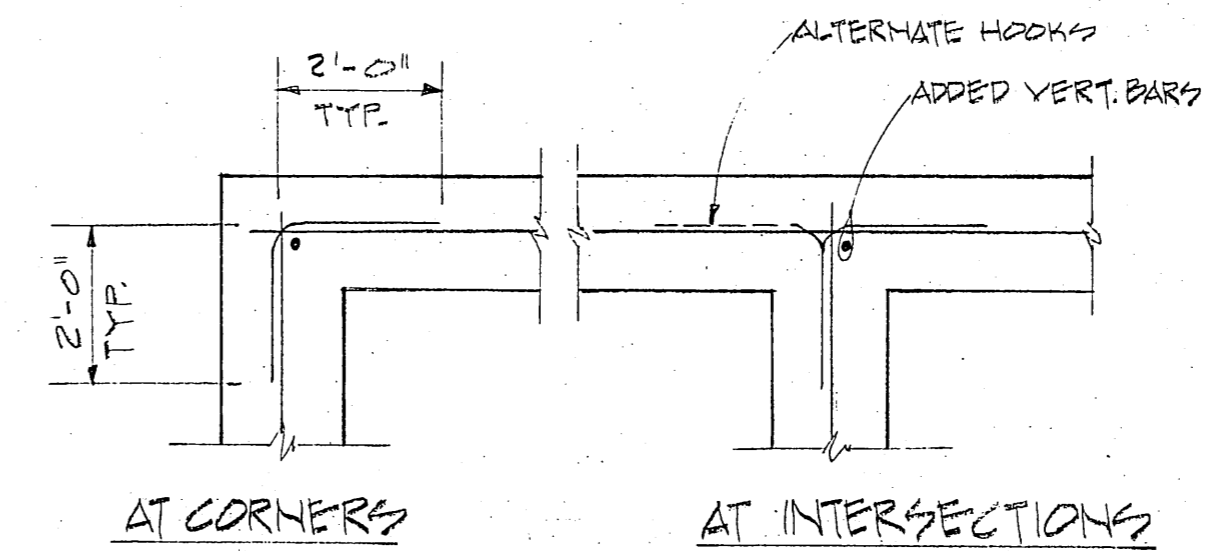
STL GRATING TYPE 19-W-4  
W/1" x 1/8" BEARING BARS  
RY WELD OPEN STEEL  
GRATING OR EQUAL.



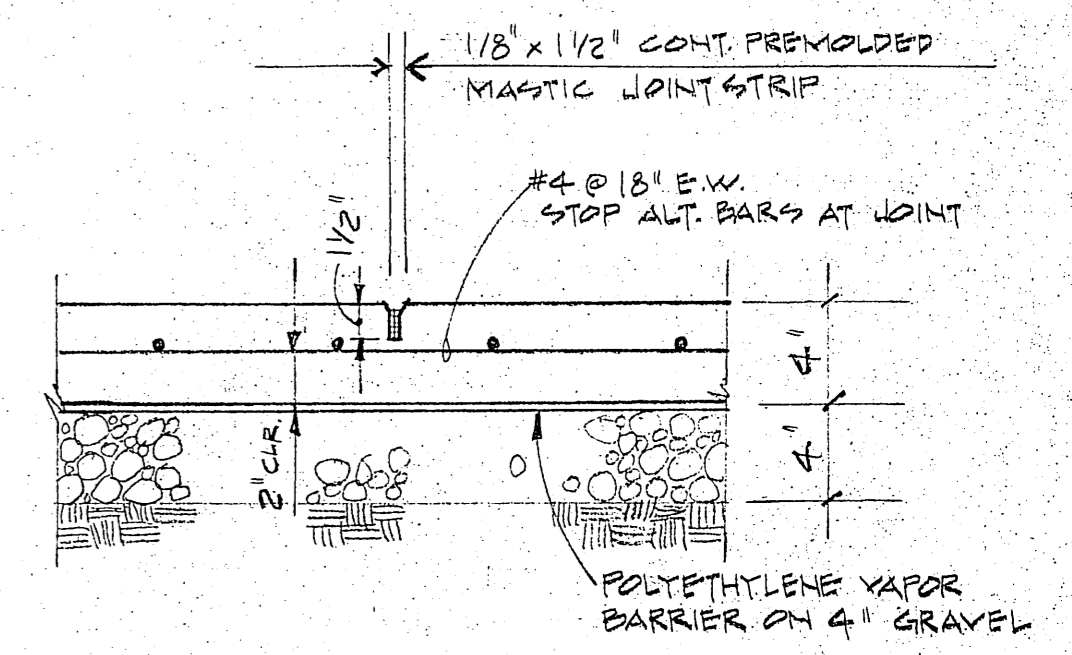
**6 FURNACE PLENUM SLUMP**  
1/2" = 1'-0"



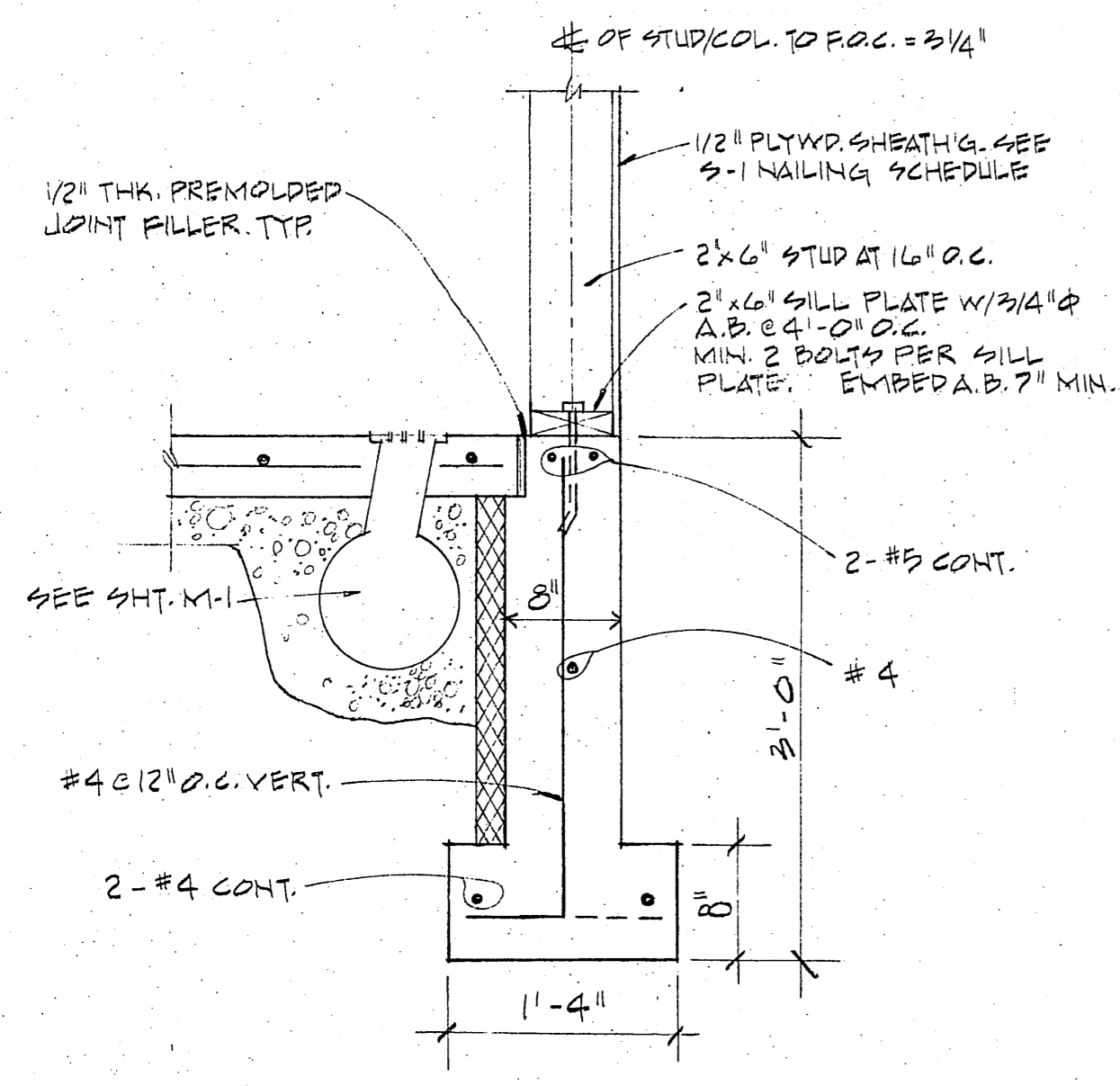
**8 THICKENED SLAB DETAIL**  
1" = 1'-0"



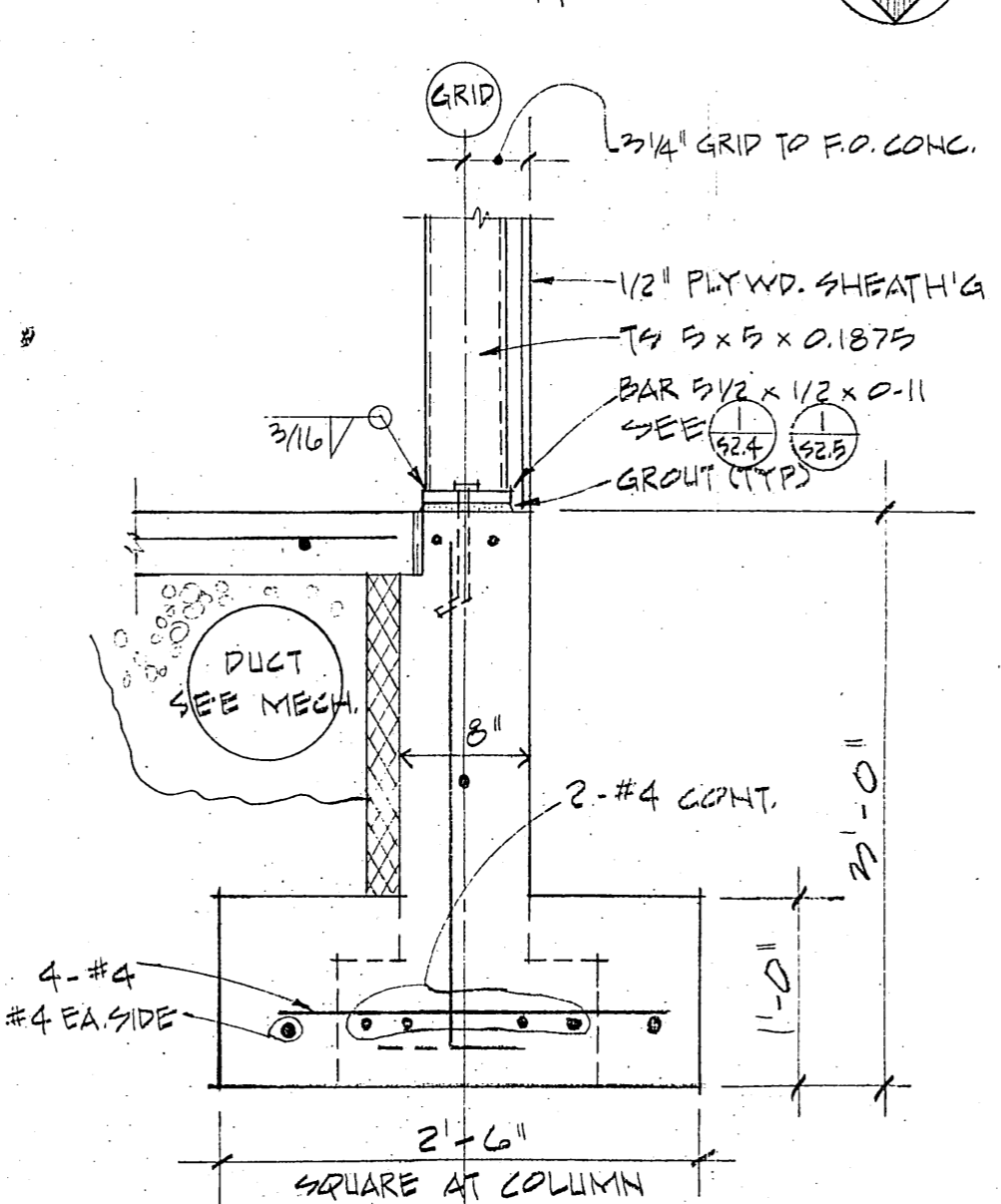
**7 TYPICAL WALL INTERSECTIONS**  
NTS



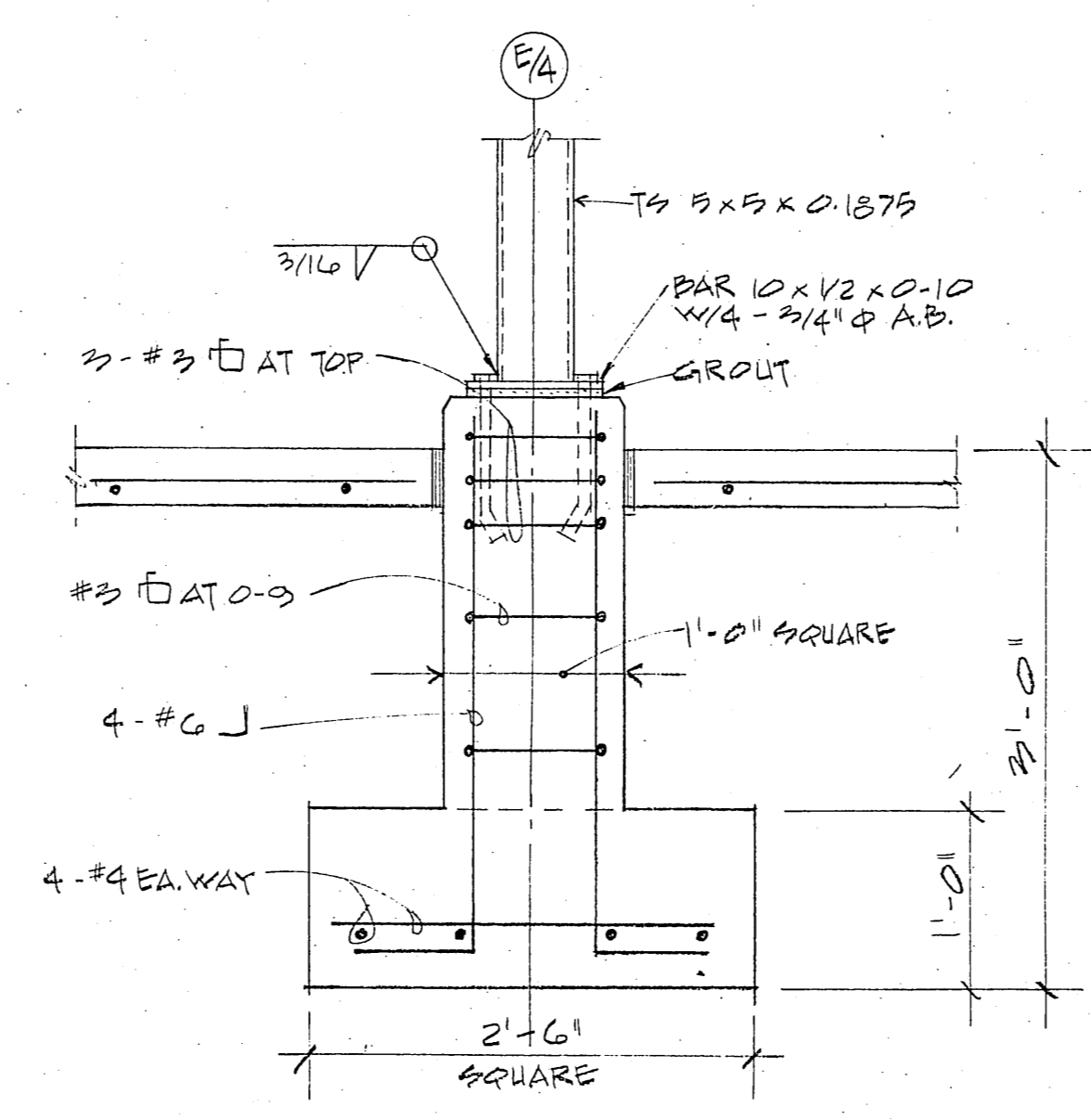
**9 DUMMY JOINT**  
1/2" = 1'-0"



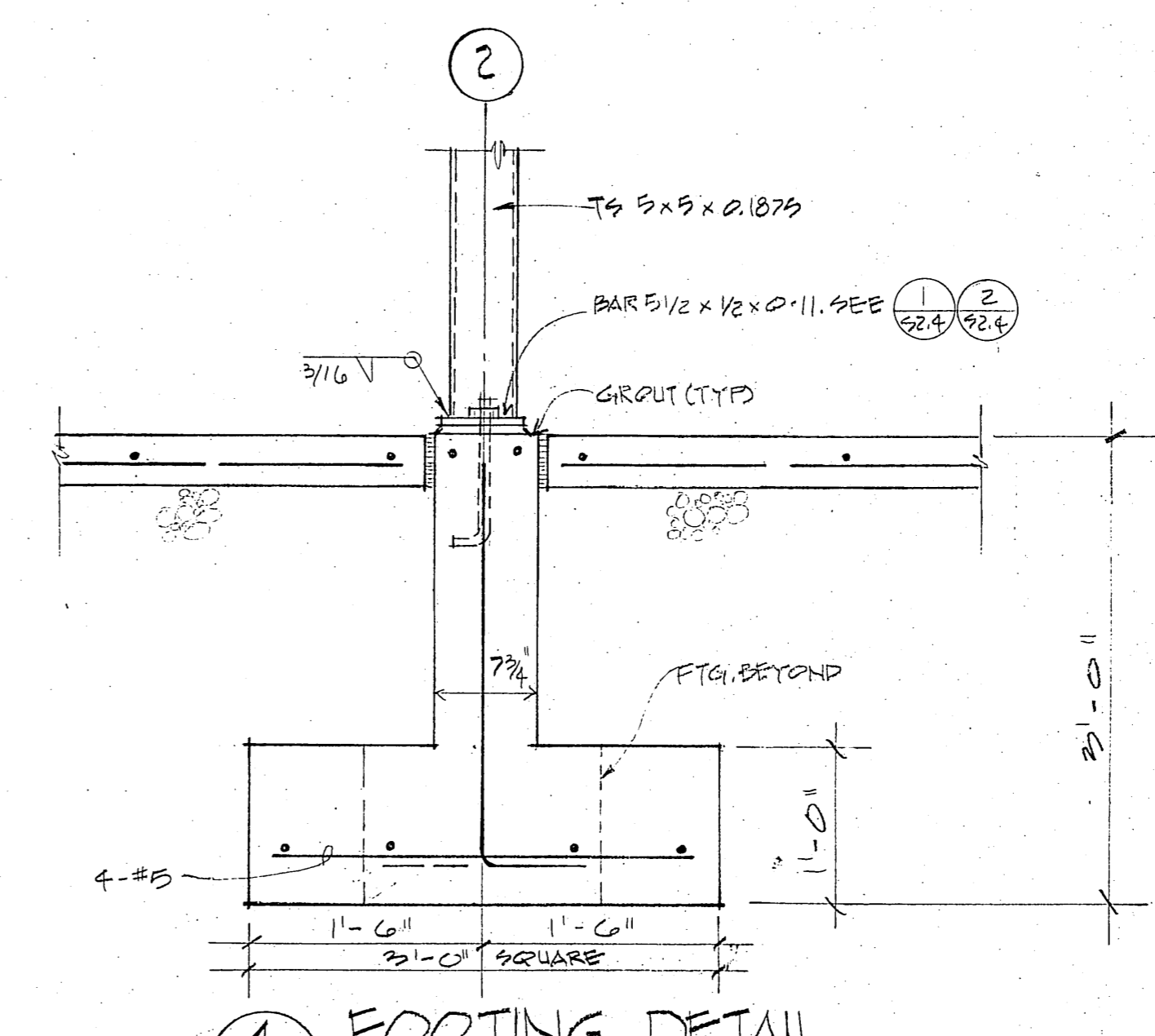
**1 FOOTING DETAIL**  
1" = 1'-0"



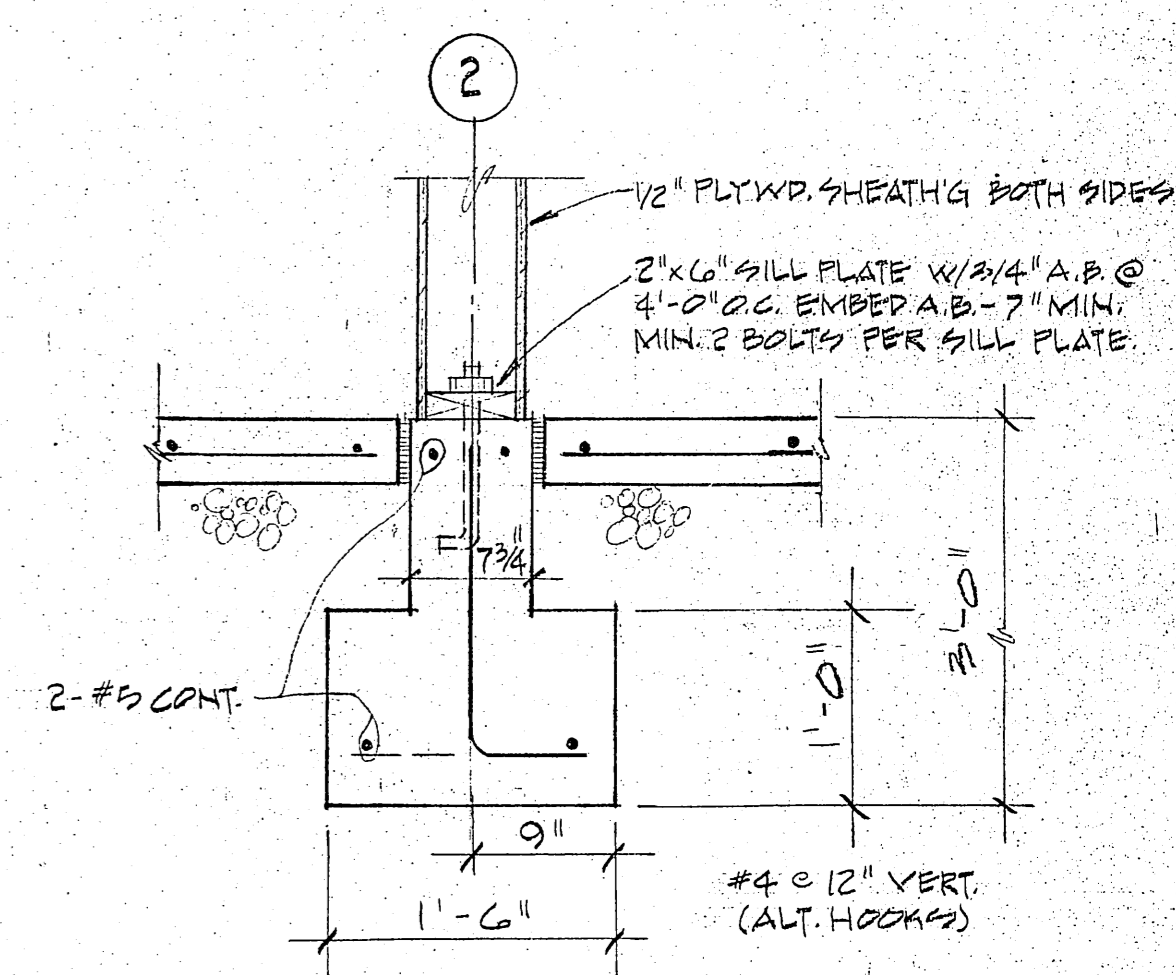
**2 FOOTING DETAIL**  
1" = 1'-0"



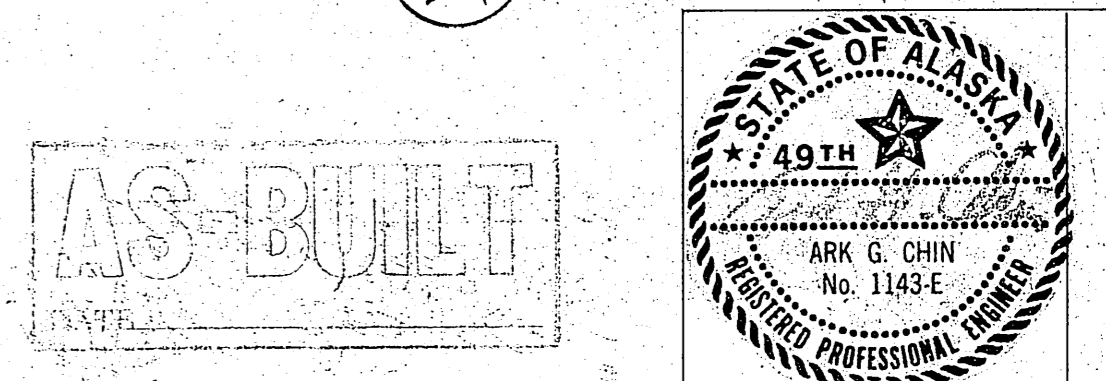
**3 FOOTING DETAIL**  
1" = 1'-0" AT GRID E-4



**4 FOOTING DETAIL**  
1" = 1'-0"



**5 FOOTING DETAIL**  
1" = 1'-0"



**GENERAL**  
 ANY DISCREPANCIES FOUND AMONG THE DRAWINGS, SPECIFICATIONS AND NOTES SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE FOR CLARIFICATION. UNLESS SPECIFICALLY NOTED OTHERWISE, THE CONTRACTOR SHALL FURNISH ALL MATERIAL, LABOR, PAINT, EQUIPMENT AND SERVICES TO ACCOMPLISH ALL WORK DEFINED ON THESE DRAWINGS AND SPECIFICATIONS. CONTRACTOR SHALL VERIFY AND COORDINATE DIMENSIONS AMONG ALL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION, BRACING AND SHORING DURING CONSTRUCTION.

**STANDARDS**  
 ALL METHODS, MATERIAL AND WORKMANSHIP SHALL CONFORM TO THE UNIFORM BUILDING CODE, 1979 EDITION.

**DESIGN CRITERIA**

LIVE LOAD	40 PSF
ROOF	125 PSF
SLAB ON GRADE	30 PSF
WIND	30 PSF
SEISMIC	ZONE 3

**FOUNDATIONS**  
 SPREAD FOOTINGS: FOOTINGS ARE TO EXTEND TO NATIVE UNDISTURBED SOIL OR STRUCTURAL FILL. 3'-0" MIN. BELOW FINISHED GRADE OR AS SHOWN ON DRAWINGS. 2,000 PSF ALLOWED BEARING.

**REINFORCED CONCRETE**  
 F<sub>c</sub> = 3,000 PSI @ 28 DAYS. NOT LESS THAN 5-1/2 SACKS OF CEMENT PER CUBIC YARD AND 6-1/2 GALLONS OF WATER MAX. PER SACK OF CEMENT. REINFORCING BARS SHALL CONFORM TO ASTM A 615, GRADE 40. DETAIL, FABRICATE AND PLACE PER ACI 315-74 AND ACI 318-71. SPLICE BARS 30 DIAMETERS OR 2'-0" MIN. WIRE FABRIC SHALL CONFORM TO ASTM A 185 AND ASTM A 82. SPLICE ONE FULL MESH PLUS 2". CONCRETE COVER FOR REINFORCING SHALL BE 3" CAST AGAINST EARTH, 1-1/2" EXPOSED TO EARTH OR WEATHER.

**CARPENTRY**  
 PLYWOOD SHALL BE GROUP 1 SPECIES C-D GRADE WITH EXTERIOR GLUE CONFORMING TO PS 1-74. EACH PIECE SHALL HAVE APA GRADE STAMP.  
 TJI MEMBERS SHALL BE FACTORY MANUFACTURED WITH STRUCTURAL GRADE PLYWOOD WEB, MICRO-LAM OR MACHINE STRESS RATED LUMBER FLANGES AND USING WATERPROOF GLUE. PROVIDE END BLOCKING PANELS AND STIFFENERS AS RECOMMENDED BY TRUSS MANUFACTURER.

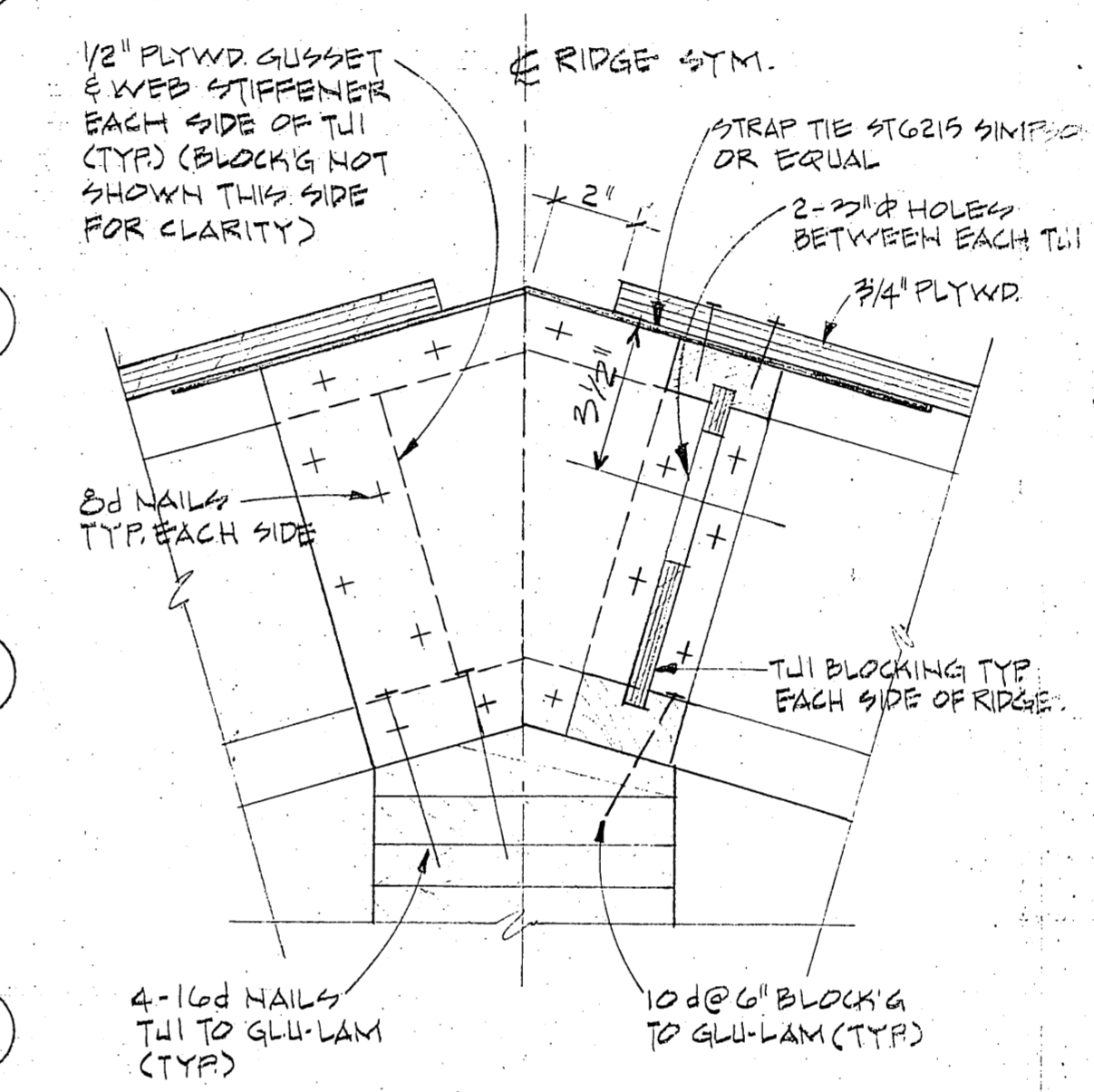
GLU-LAMS SHALL CONFORM TO PS 56-73 AND THE REQUIREMENTS OF AITC. MEMBERS SHALL BE COMBINATION 24FV2 ARCHITECTURAL APPEARANCE. ALL MEMBERS TO HAVE AITC STAMP. FRAMING LUMBER SHALL BE COAST REGION DOUGLAS FIR NO. 2F = 1,250 PSI OR BETTER FOR ALL MEMBERS. PROVIDE MINIMUM NAILING PER TABLE 25 P. UBC, USE GALVANIZED NAILS.

TREAT ALL WOOD IN CONTACT WITH CONCRETE.

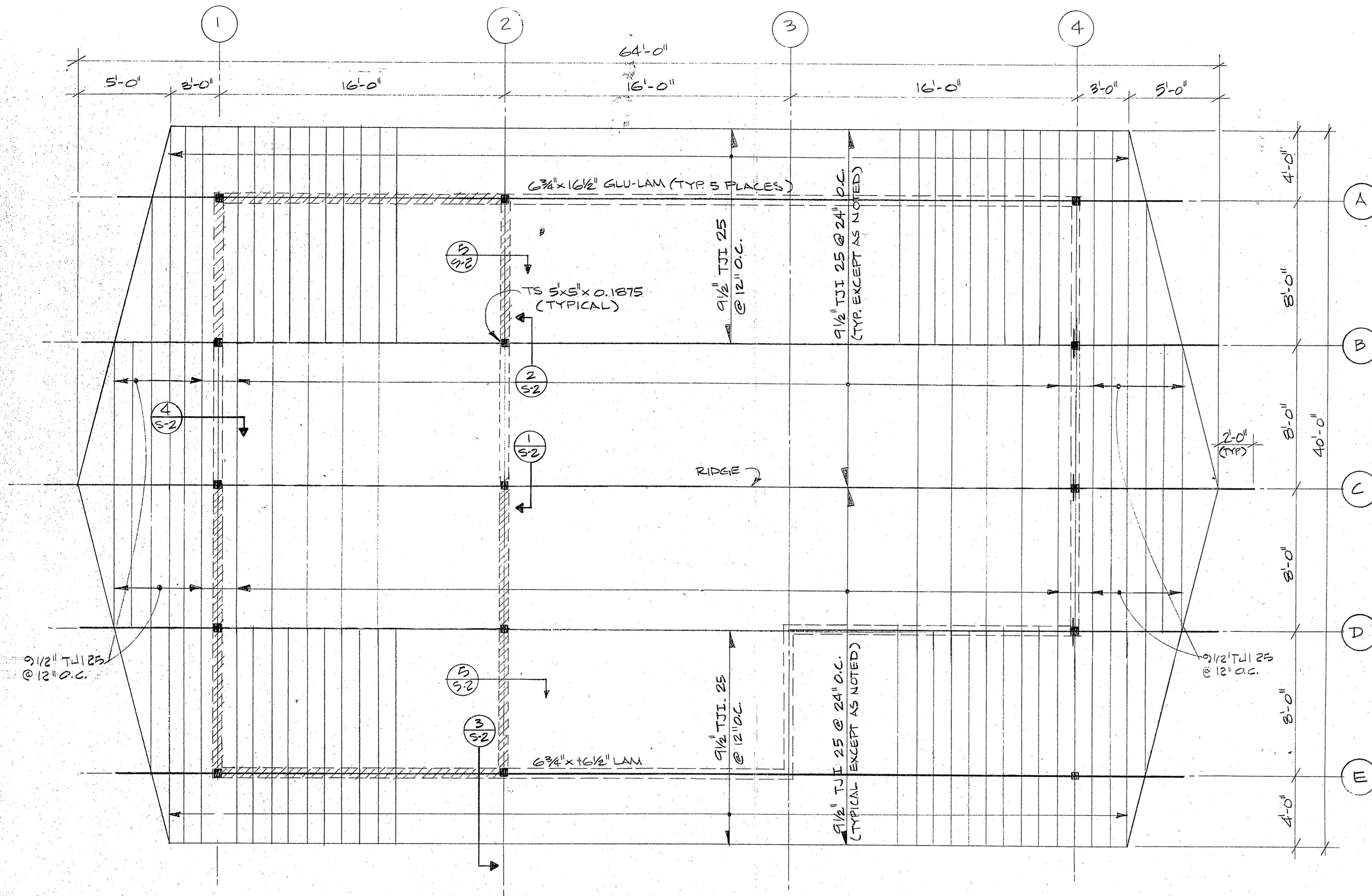
**METALS**  
 STEEL SHAPES AND PLATES SHALL BE ASTM A 36. ALL DETAILING FABRICATION AND ERECTION SHALL CONFORM TO THE AISC MANUAL OF STEEL CONSTRUCTION, 7th EDITION. WELDING TO BE DONE BY AWS CERTIFIED WELDERS. USE E60 OR E70 ELECTRODES. BOLTS SHALL BE ASTM A 307. STRUCTURAL TUBING SHALL BE ASTM A 500 GRADE B.

**NOTE:**

3/4" PLYWOOD DECKING W/BLOCKED EDGES NAILING: 8d AT 6" O.C. AT PANEL EDGES; 8d AT 12" O.C. AT INTERMEDIATE SUPPORTS. LAY OUT PANELS AS SHOWN. TYPICAL NAILING UNLESS NOTED OTHERWISE.  
 CAMBER ALL GLU-LAM BEAMS 1/4" X DEAD LOAD DEFLECTION PROVIDE STRAP TIES AS SHOWN ON GRID LINE 4 AT GRIDLINE 1/2" PLYWD WALL SHEATHING W/BLOCKED EDGES NAILING 10d AT 6" O.C. PANEL EDGES 10d AT 12" O.C. INTERMEDIATE SUPPORTS TYP NAILING UNLESS NOTED OTHERWISE.

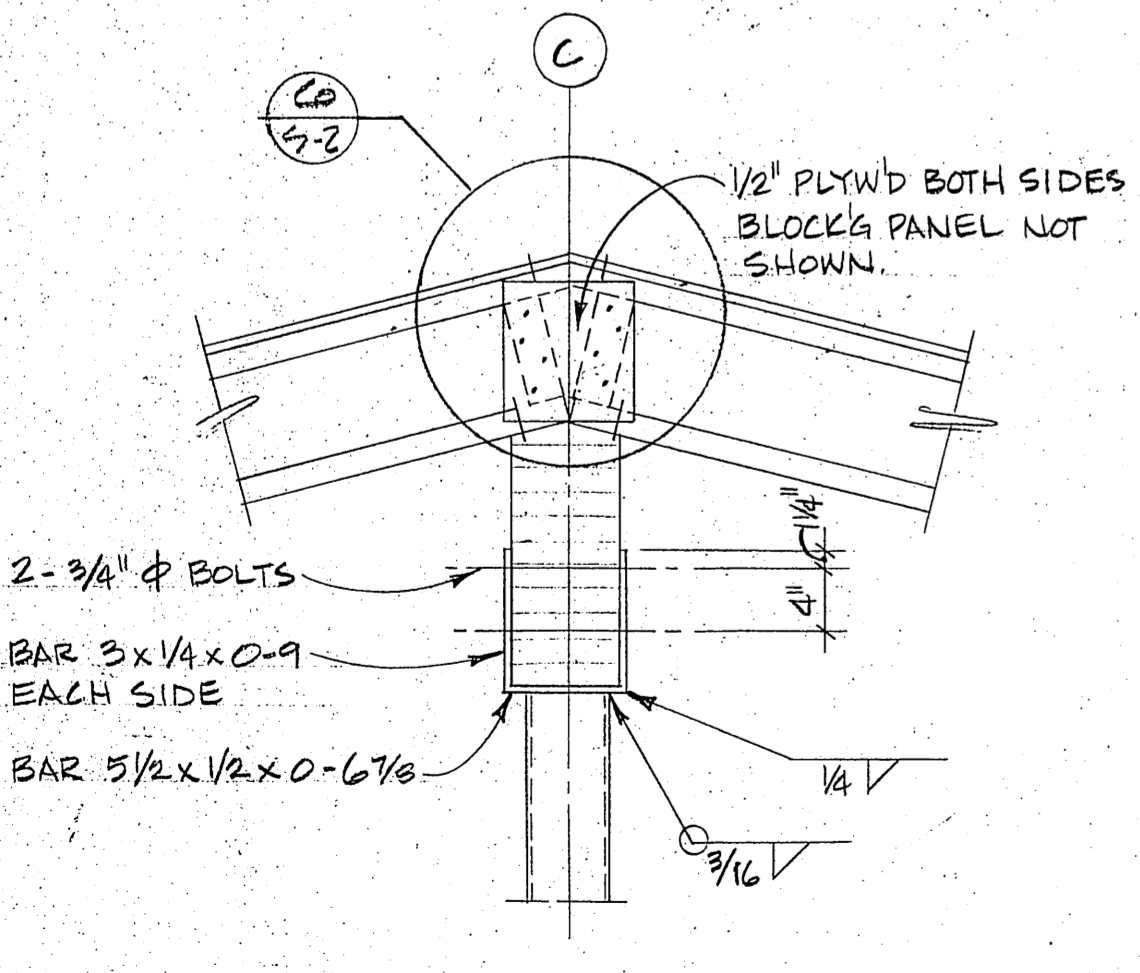
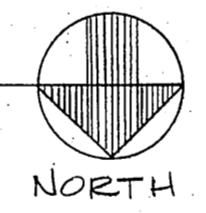


**6 RIDGE DETAIL**  
 3" = 1'-0"

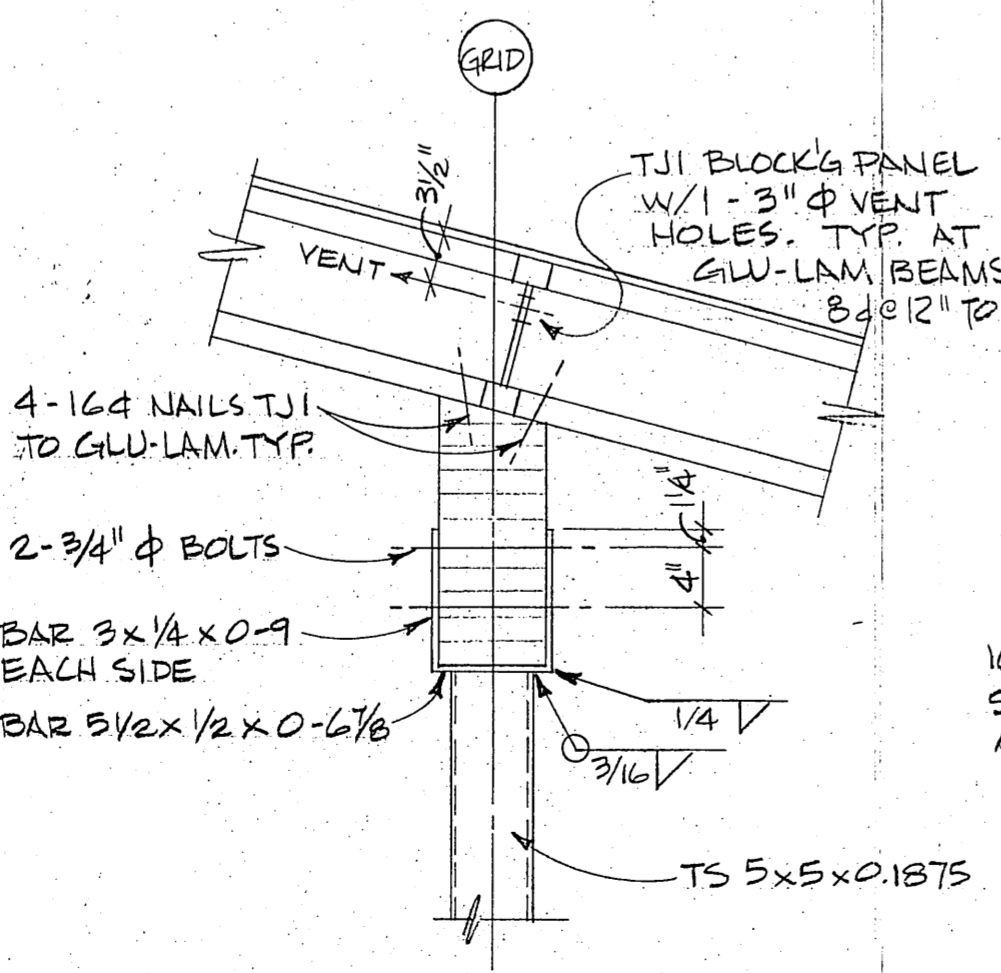


**ROOF FRAMING PLAN**

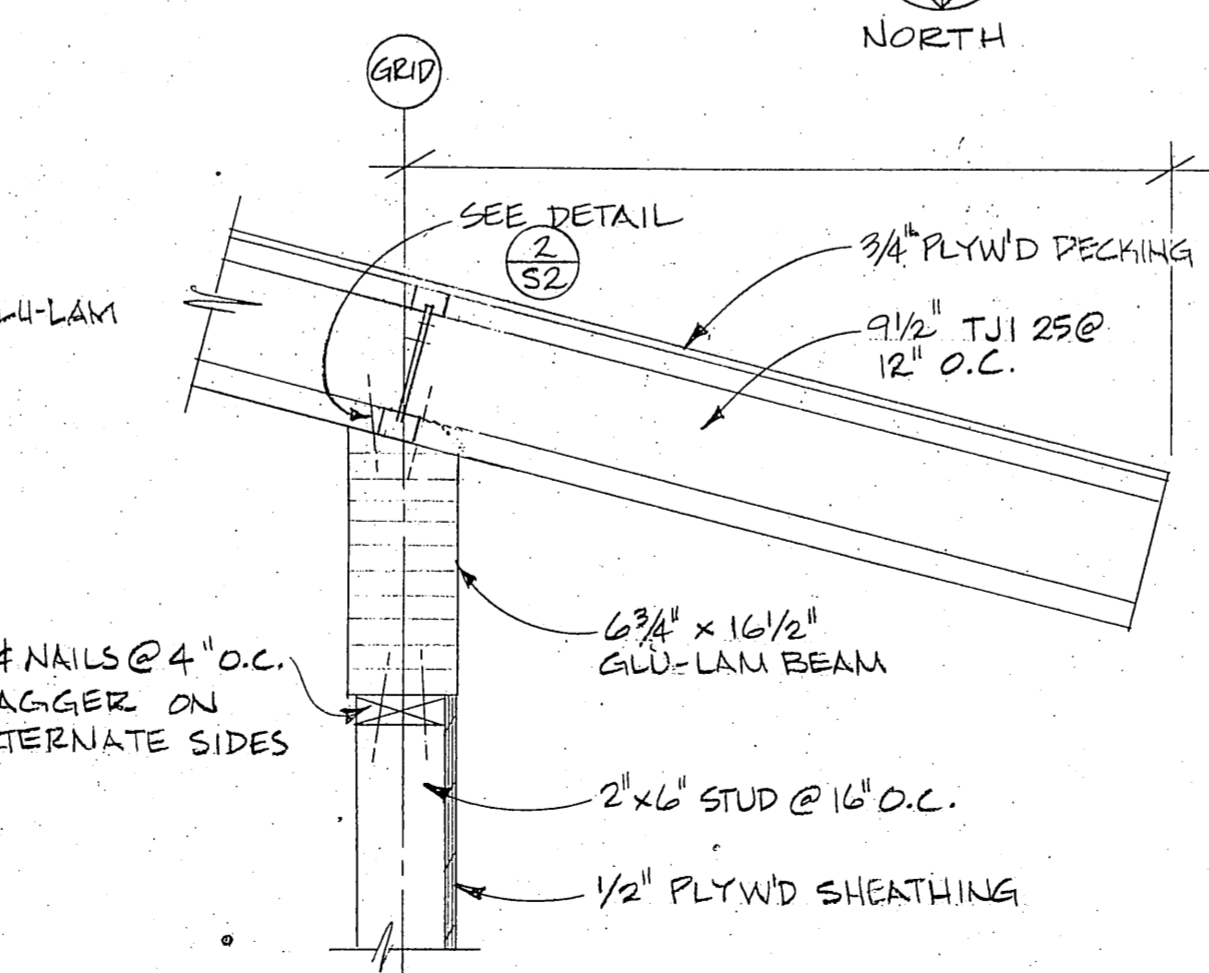
SCALE: 1/4" = 1'-0"



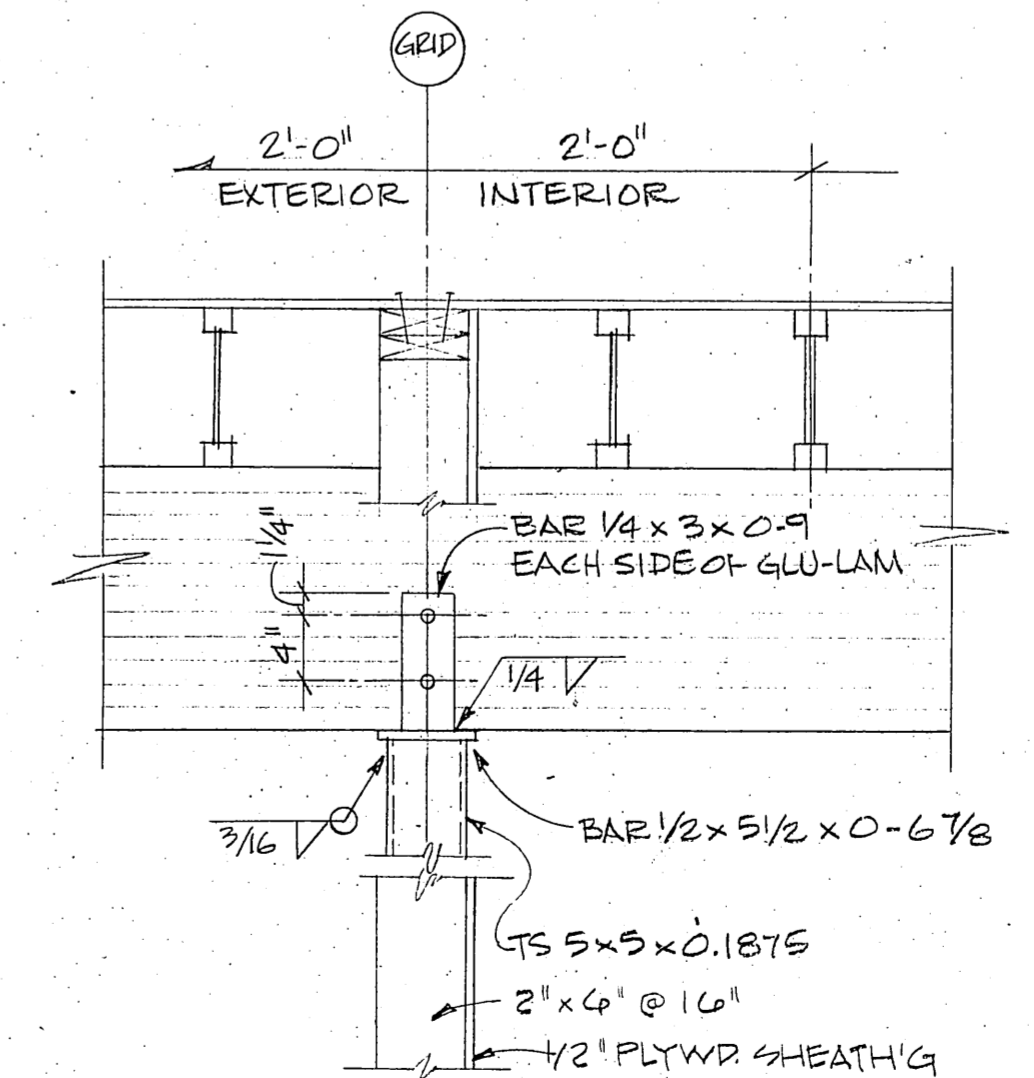
**1 RIDGE FRAMING DETAIL**  
 SCALE: 1" = 1'-0"



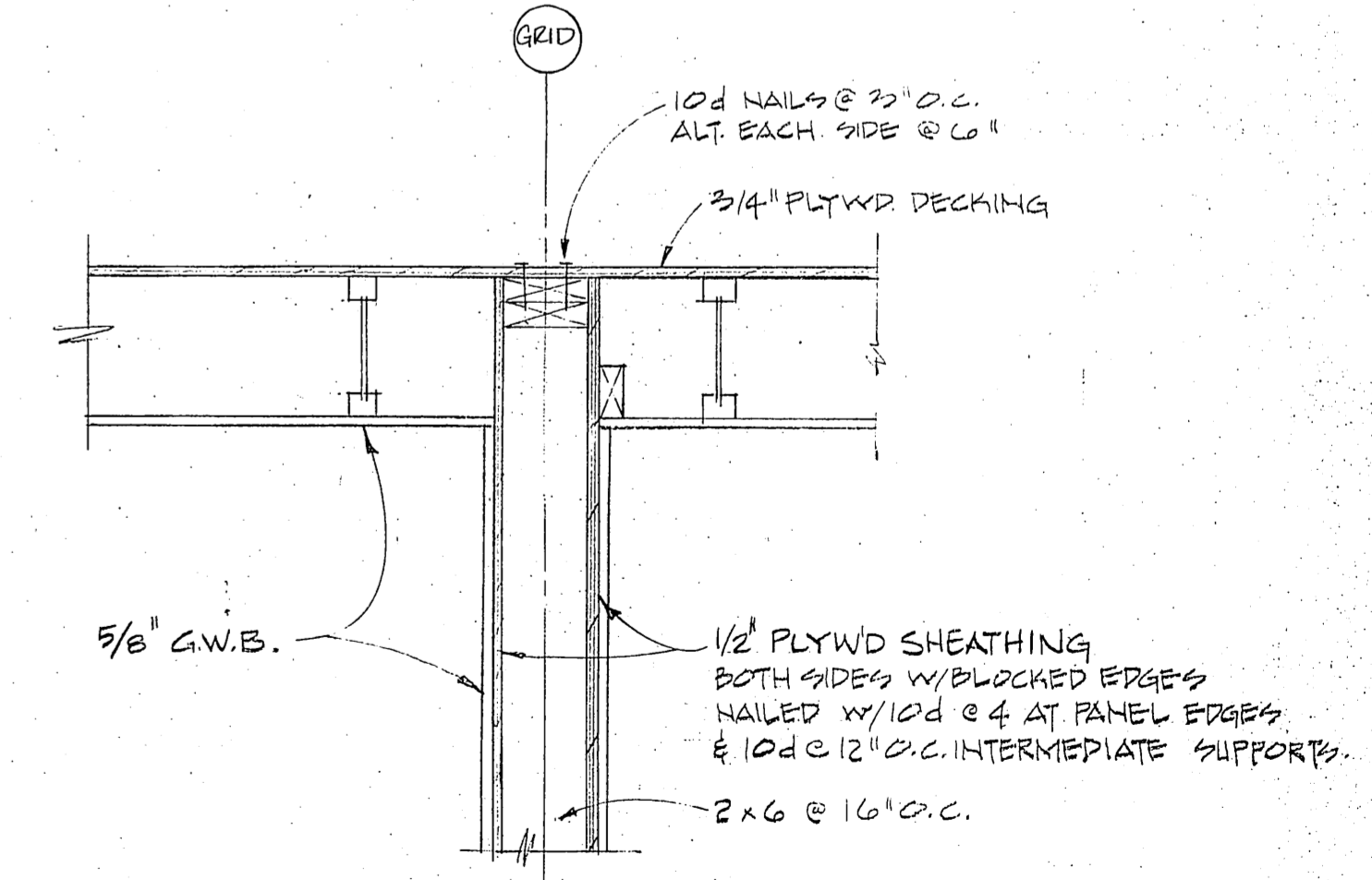
**2 SECTION @ JOIST / BEAM**  
 SCALE: 1" = 1'-0"



**3 SECTION @ ROOF OVERHANG**  
 SCALE: 1" = 1'-0"



**4 SECTION @ ROOF GARBLE**  
 SCALE: 1" = 1'-0"



**5 WALL SECTION LINE GRID LINE 2**  
 SCALE: 1" = 1'-0"

