

**AUKE BAY MARINE TERMINAL BUILDING**  
**JUNEAU , ALASKA**

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES

**PROJECT 10. H 78002**

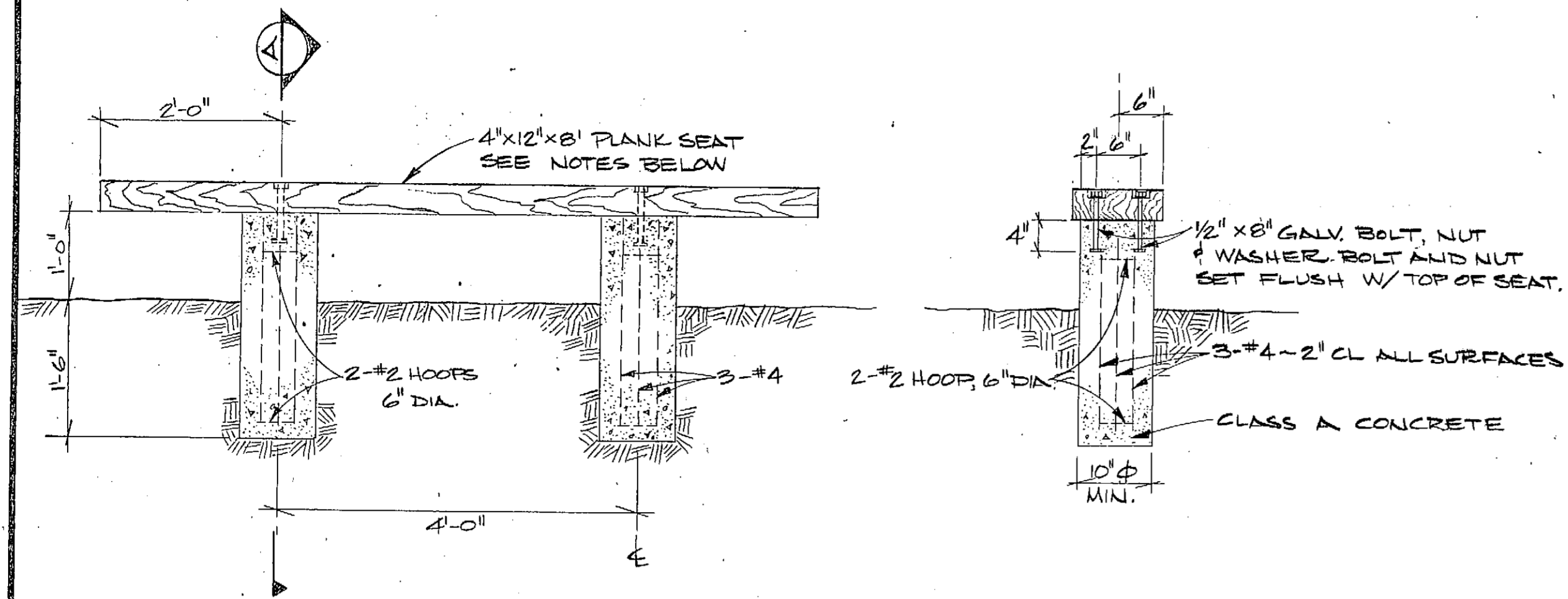
**ISSUE DATE: DEC. 9, 1981**

APPROVED

*[Signature]* Date *11/30/81*  
DIRECTOR S.E. DESIGN AND CONSTRUCTION

APPROVED

*[Signature]* Date *11/30/81*  
CHIEF S.E. BUILDING DESIGN AND CONSTRUCTION



**BENCH DETAIL**  
SCALE: 3/4" = 1'-0"

**SECTION - A**  
SCALE: 3/4" = 1'-0"

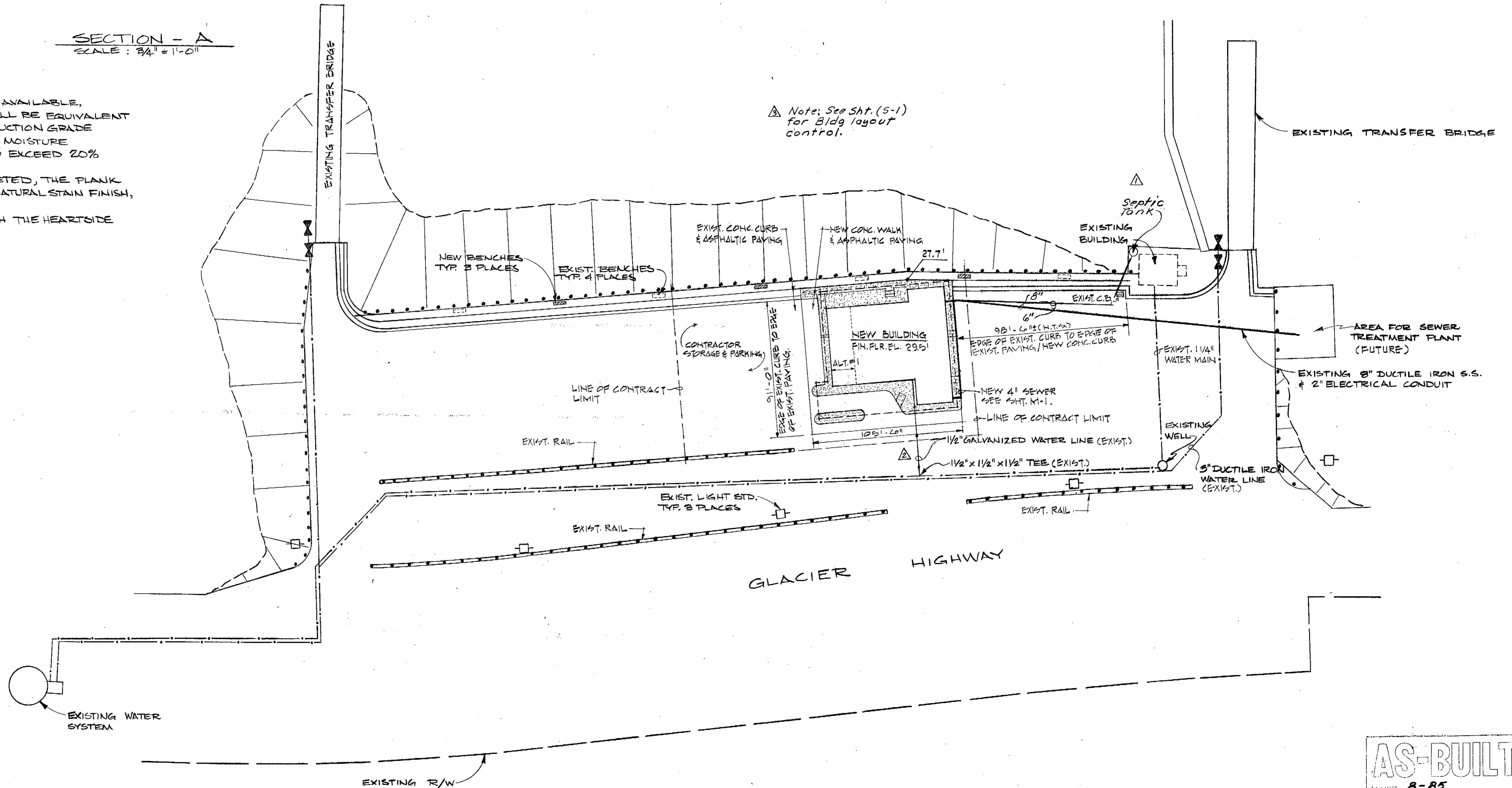
**NOTES:**

1. USE MOST ECONOMICAL DURABLE SPECIES AVAILABLE, PREFERABLY HEARTWOOD CUTS. LUMBER SHALL BE EQUIVALENT TO WEST COAST LUMBERMAN'S ASSOC. CONSTRUCTION GRADE FOR DOUGLAS' FIR. LUMBER SHALL HAVE A MOISTURE CONTENT, PRIOR TO TREATMENT, OF NOT TO EXCEED 20% IN THE OUTER HALF INCH.
2. AFTER ALL CUTTING AND BORING IS COMPLETED, THE PLANK SEAT SHALL BE GIVEN ONE BRUSH COAT OF NATURAL STAIN FINISH, TINTED LIGHT BROWN AFTER ASSEMBLY.
3. THE PLANK SEAT SHALL BE INSTALLED WITH THE HEARTSIDE DOWN.
4. DIMENSIONS ARE NOMINAL.

ABBREVIATIONS	
Ø	DIAMETER
HWDE.	HARDWARE
SIM.	SIMILAR
TYP.	TYPICAL
F.D.	FLOOR DRAIN
GYP.	GYPSON
G.W.B.	GYPSON WALL BOARD
EXIST.	EXISTING
STAIN.	STAINLESS
STL.	STEEL
BIT.	BITUMINOUS
CONC.	CONCRETE
NOM.	NOMINAL
EXP. JT.	EXPANSION JOINT
EL.	ELEVATION
FIN.	FINISH
FL.	FLOOR
N.I.C.	NOT IN CONTRACT
BLDG.	BUILDING
LAM.	LAMINATED
FDN.	FOUNDATION
D.F.	DRINKING FOUNTAIN
M.D.O.	MEDIUM DENSITY OVERLAY

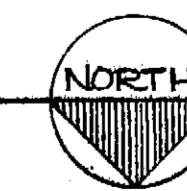
**NOTES:**

1. APPLICABLE CODE: UBC 1979
2. OCCUPANCY: B-2, TYPE V
3. TRUE LOCATION OF EXISTING UTILITIES, WHERE AFFECTED, MUST BE FIELD VERIFIED.
4. EXISTING GRADE ELEVATIONS MUST BE VERIFIED & ADJUSTMENTS MADE ACCORDINGLY.
5. EXISTING ADJACENT ASPHALTIC PAVING TO BE PATCHED & REPAIRED AS REQ'D TO ACHIEVE A UNIFORM SURFACE.
6. SEE PLAN & NOTE 1. SHT. E-1 FOR UTILITIES CONDUIT.



**SITE PLAN**

SCALE: 1" = 40'



**AS-BUILT**  
DATE: 8-85

AUKE BAY MARINE TERMINAL BUILDING  
H-78002  
JUNEAU, ALASKA

**BD&C**

BUILDING DESIGN & CONSTRUCTION

DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

SITE PLAN

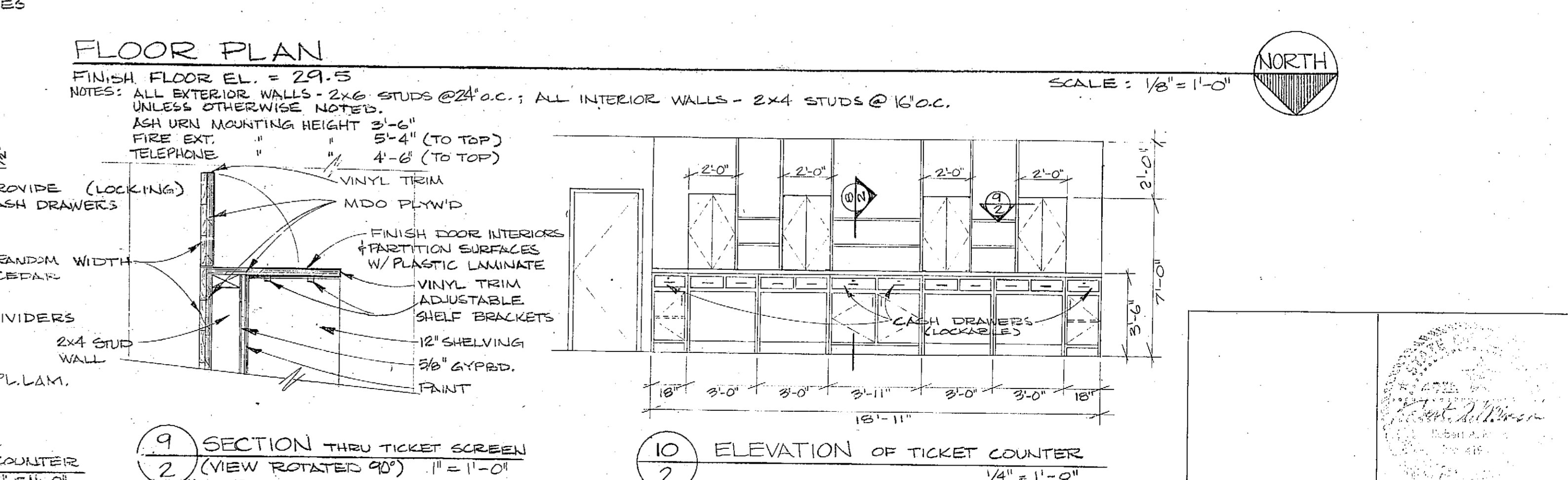
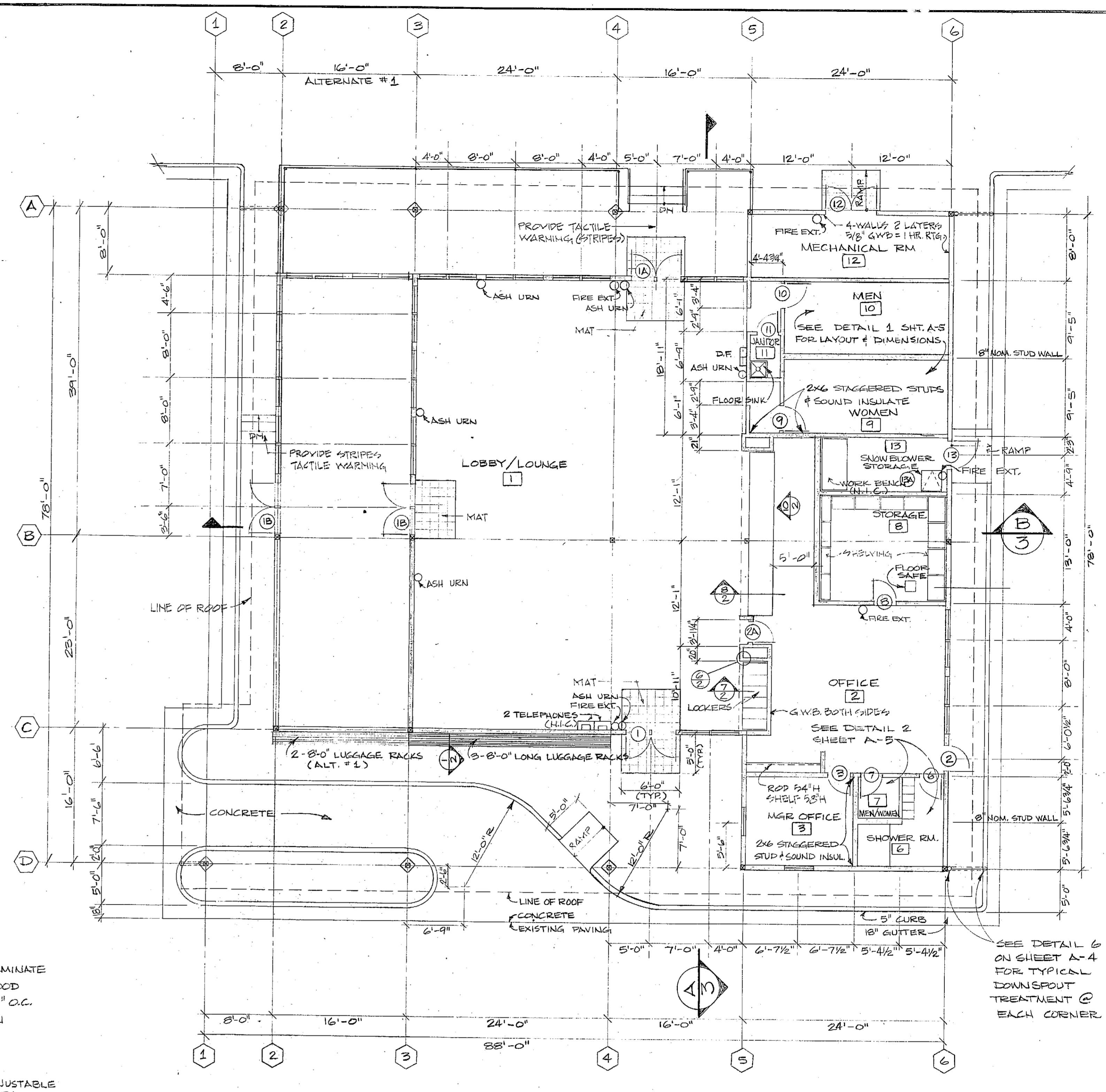
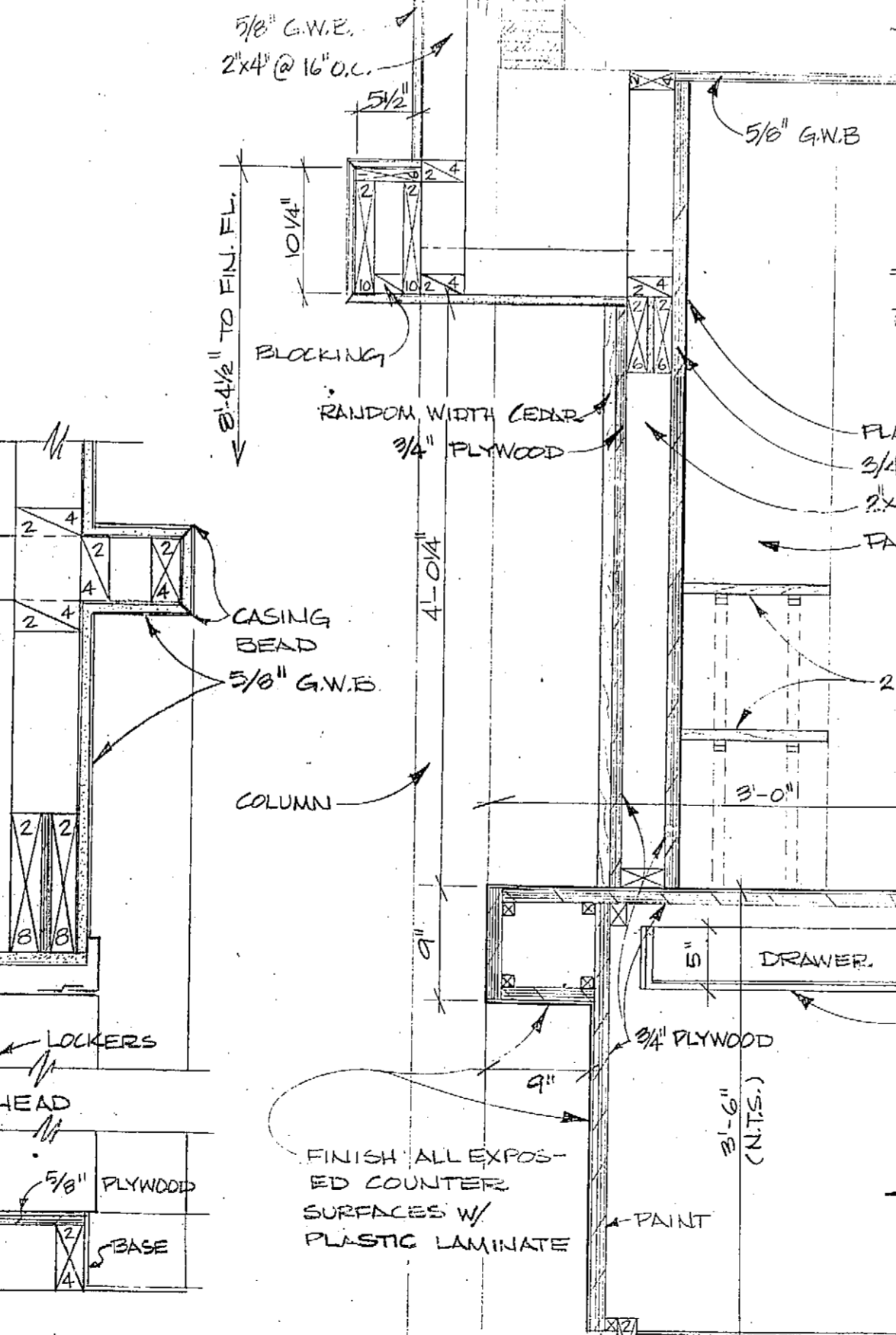
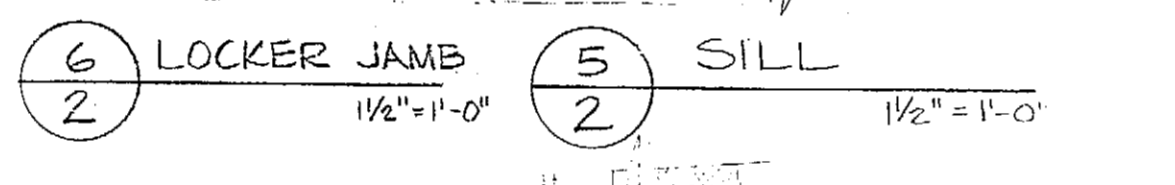
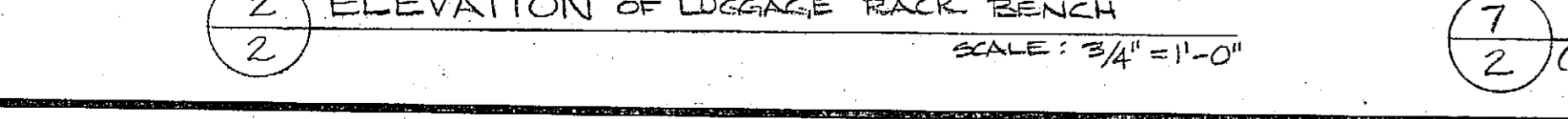
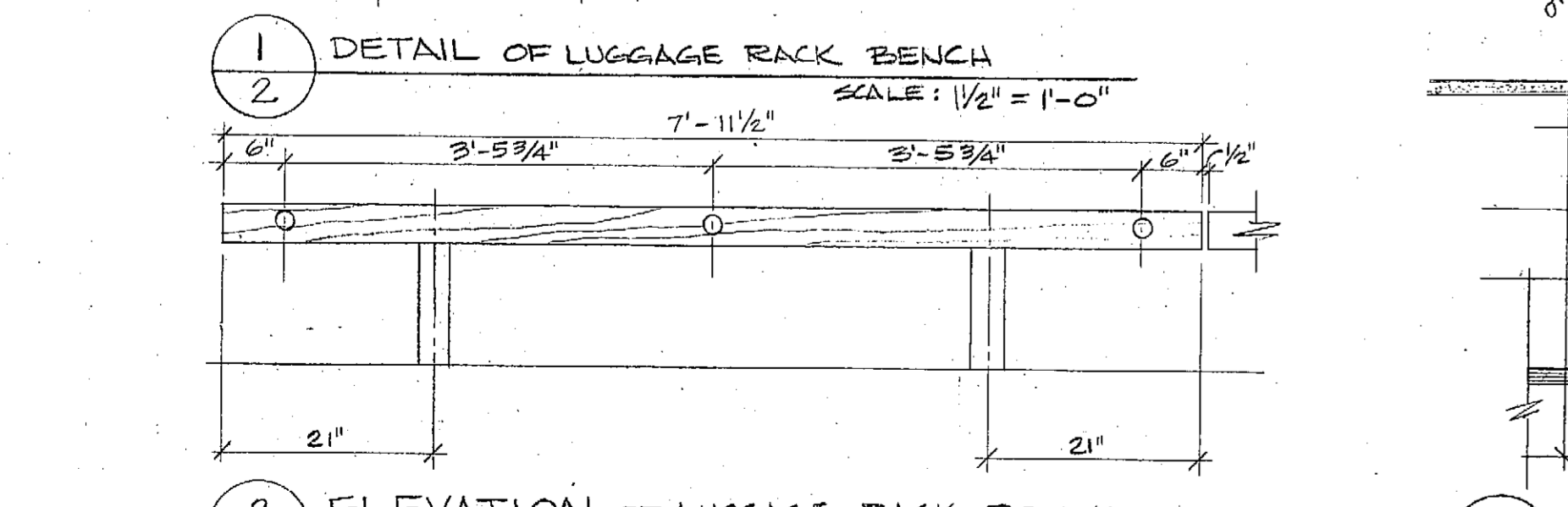
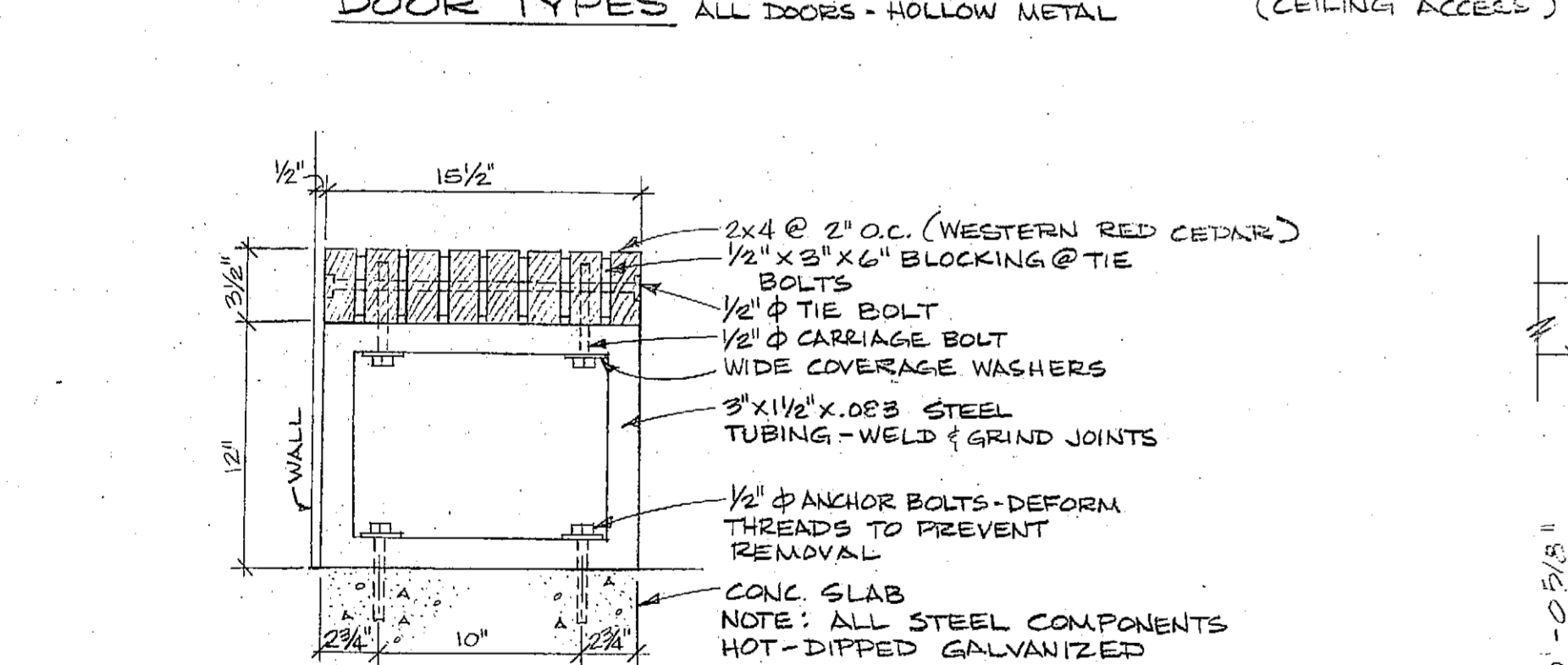
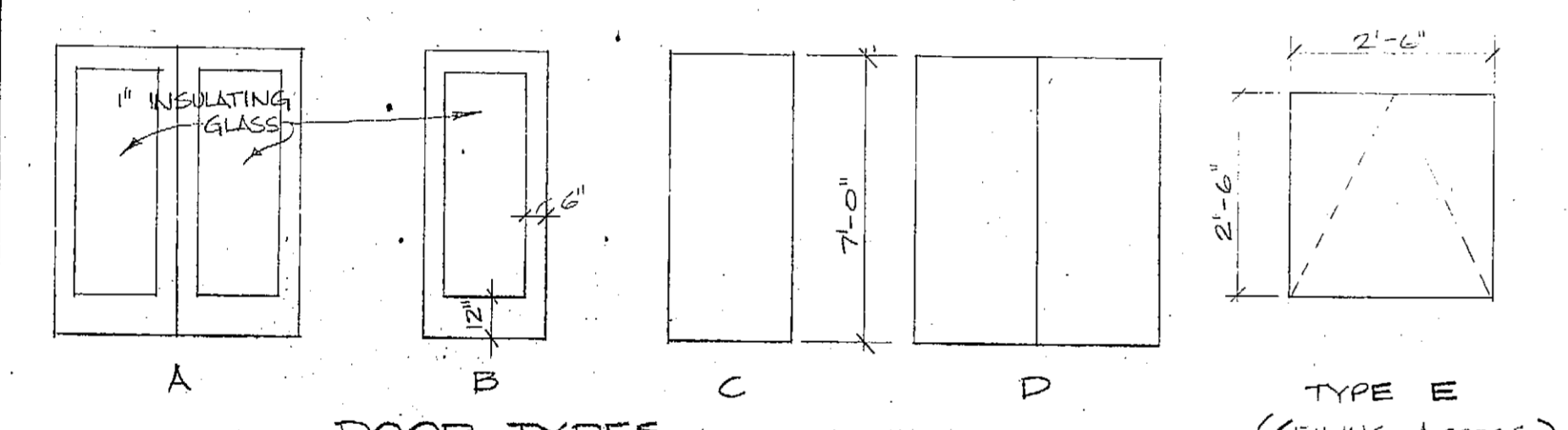
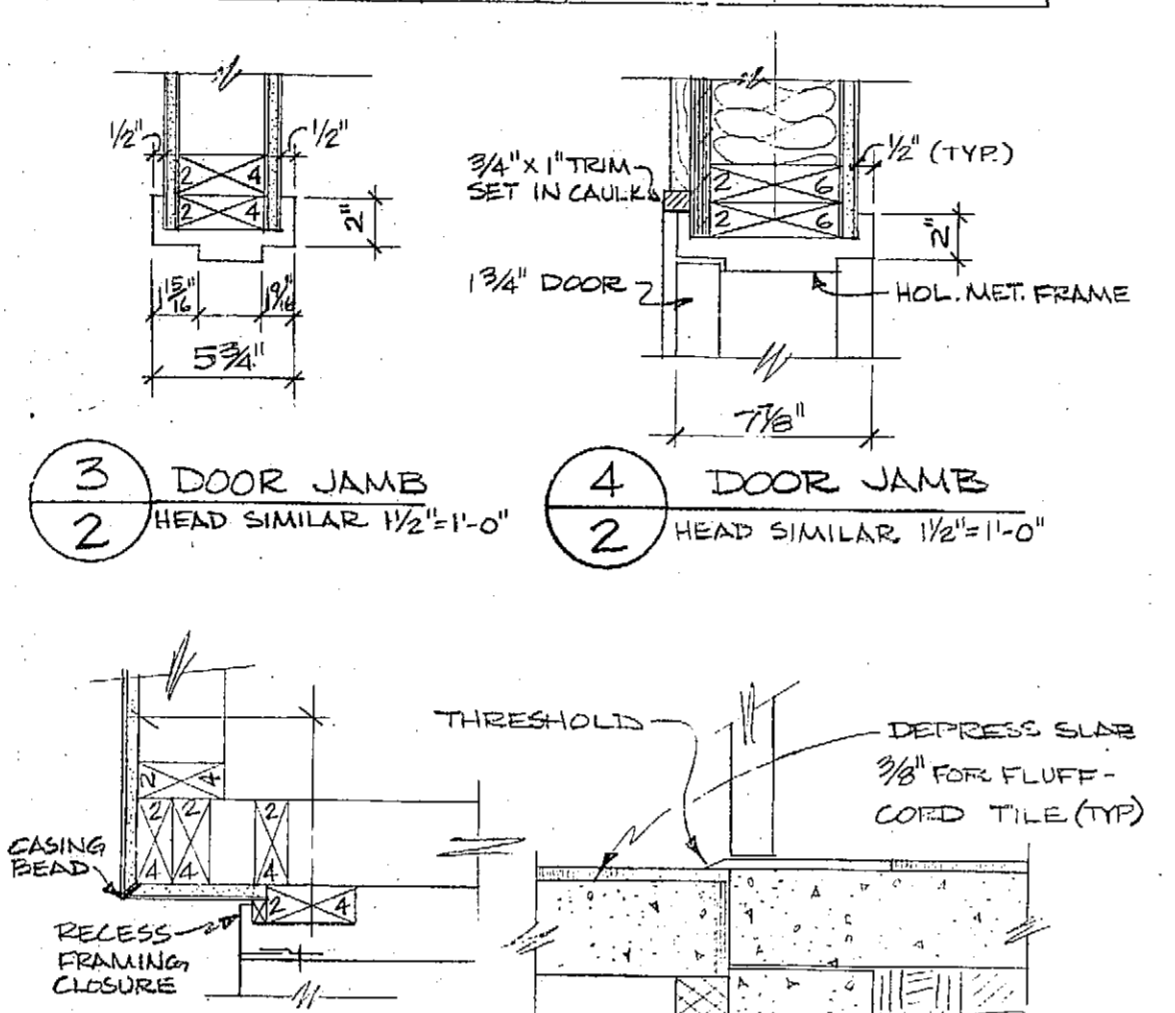
DATE	7-31-85	ADD 6" SEWER LINE	DRAWN J.SIMMS	SHEET
	7-31-85	RELOCATED 1 1/2" WATER LINE	CHECKED	A-1
	7-31-85	ADD NOTE	APPROVED	OF 5 SHEET
			DATE JULY, 1981	

# FINISH SCHEDULE

NO.	ROOM NAME	FLOOR	BASE		SOUTH WALL		EAST WALL		NORTH WALL		WEST WALL		CEILING		REMARKS	
			MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.		HEIGHT
1	LOBBY/LOUNGE	CARPET	4" RUBBER	G.W.B. PAINT	G.W.B. PAINT	G.W.B. PAINT	G.W.B. PAINT	G.W.B. PAINT	G.W.B. PAINT	G.W.B. PAINT	G.W.B. PAINT	G.W.B. PAINT	G.W.B. PAINT	G.W.B. PAINT	VARIES	* TIRE MAT @ DESIGNATED AREAS - SEE FLOOR PLAN
2	OFFICE	CARPET													9'-0"	
3	MGR. OFFICE	CARPET													8'-0"	
6	SHOWER	CER. TILE													8'-0"	
7	WOMEN / MEN	SHEET VINYL	6" COVE												8'-0"	
8	STORAGE	EXP. CONC.	4"												9'-0"	* SURFACE HARDENER
9	WOMEN	SHEET VINYL	6" COVE												8'-0"	
10	MEN	SHEET VINYL	6" COVE												8'-0"	
11	JANITOR	EXP. CONC.	4" RUBBER												8'-0"	* SURFACE HARDENER
12	MECHANICAL RM.	EXP. CONC.													VARIES	* SURFACE HARDENER
13	SNOWBLOWER STORAGE	EXP. CONC.													9'-0"	* SURFACE HARDENER

## DOOR SCHEDULE

NO.	DOOR SIZE	TYPE FINISH	DETAILS				FRAME	REMARKS
			HEAD	JAMB	SILL	MAT. FIN.		
1	PR-3'-0" x 7'-0" x 1 3/4"	A	4	2	2	HOL. MET. PAINT	SELF-CLOSING, PANIC HDWE. REMOVABLE MULLION	
1A	PR-3'-0" x 7'-0" x 1 3/4"	A	4	2	2		REMOVABLE MULLION	
1B	PR-3'-0" x 7'-0" x 1 3/4"	A	4	2	2		REMOVABLE MULLION	
2	3'-0" x 7'-0" x 1 3/4"	B	4	2	2			
2A	2'-8" x 7'-0" x 1 3/4"	C	3	2	2			
3	2'-8" x 7'-0" x 1 3/4"	C	3	2	2			
6	2'-8" x 7'-0" x 1 3/4"	C	3	2	2			
7	2'-8" x 7'-0" x 1 3/4"	C	3	2	2			
8	3'-0" x 7'-0" x 1 3/4"	C	3	2	2		SELF-CLOSING	
9	3'-0" x 7'-0" x 1 3/4"	C	3	2	2		LOUVER	
10	3'-0" x 7'-0" x 1 3/4"	C	3	2	2		LOUVER	
11	2'-6" x 7'-0" x 1 3/4"	C	3	2	2		SELF-CLOSING	
12	PR-3'-0" x 7'-0" x 1 3/4"	D	4	2	2			
13	3'-6" x 7'-0" x 1 3/4"	C	4	2	2			
13A	2'-6" x 2'-6"	E				METAL PAINT	UPSWING CAR. DUR-RED (CEILING ACCESS DOOR)	



**ARCH. FLR. PLAN, FINISH SCHED., & DETAILS**

DATE: \_\_\_\_\_

DRAWN: J.S. SIMONS

CHECKED: \_\_\_\_\_

APPROVED: \_\_\_\_\_

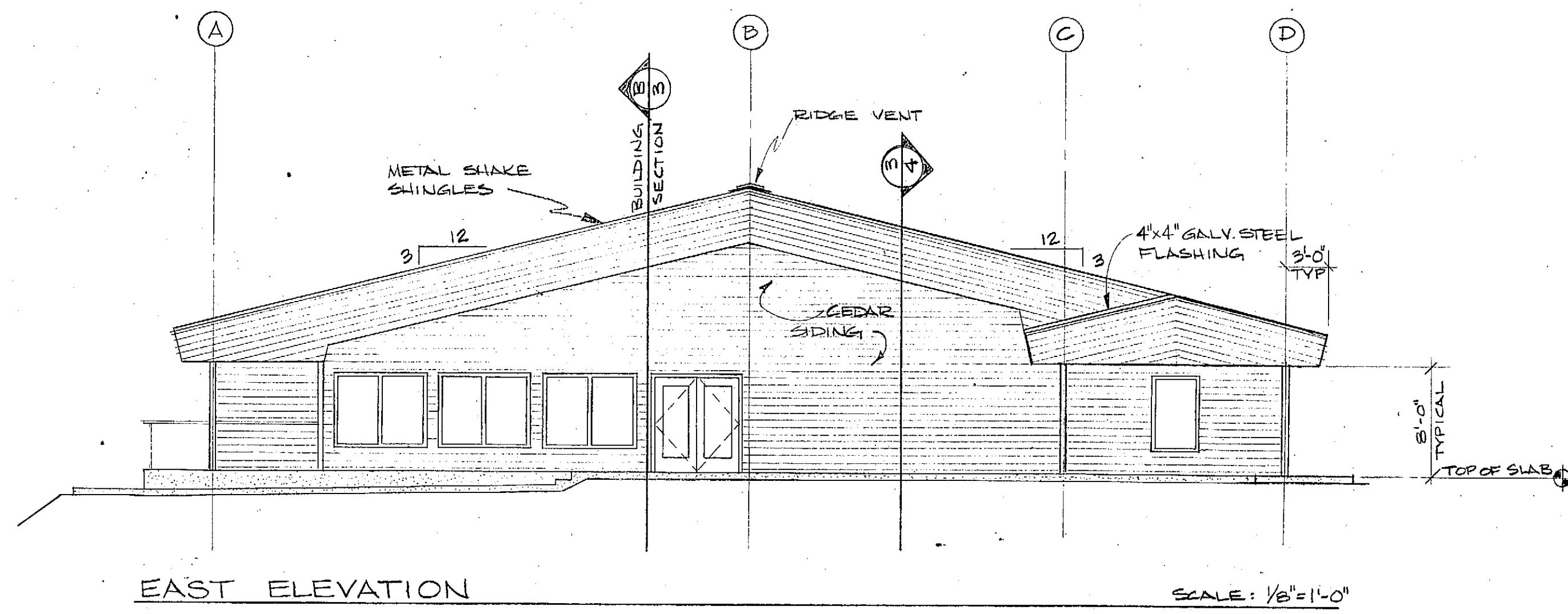
DATE: JULY, 1981

SHEET NO. **A-2**

OF 5 SHEETS

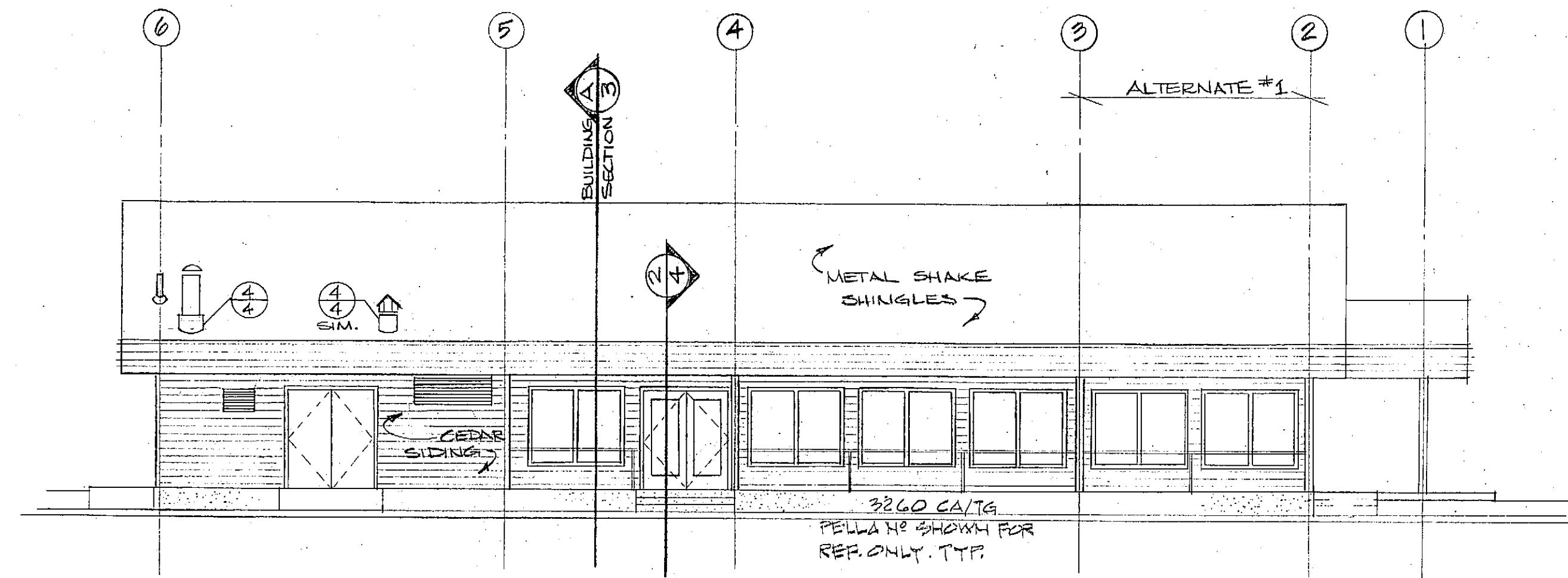
**AUKE BAY MARINE TERMINAL BUILDING**  
 H-78002  
 JUNEAU, ALASKA

**BD&C**  
 BUILDING DESIGN & CONSTRUCTION  
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES



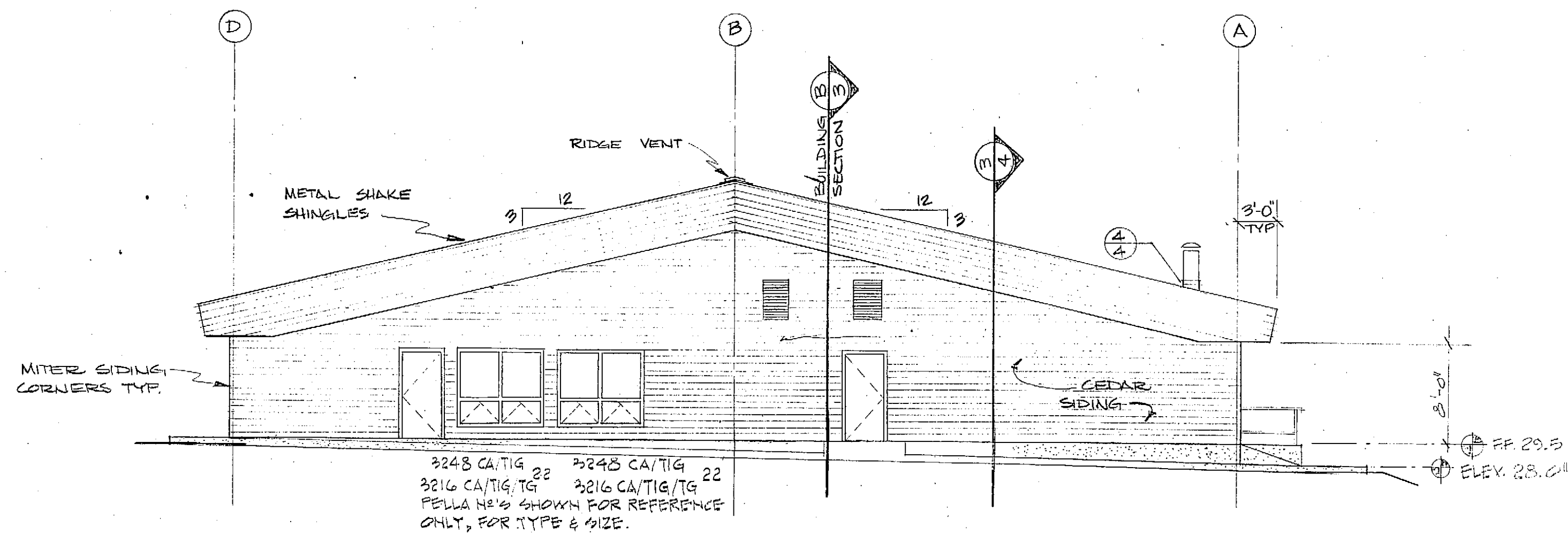
EAST ELEVATION

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



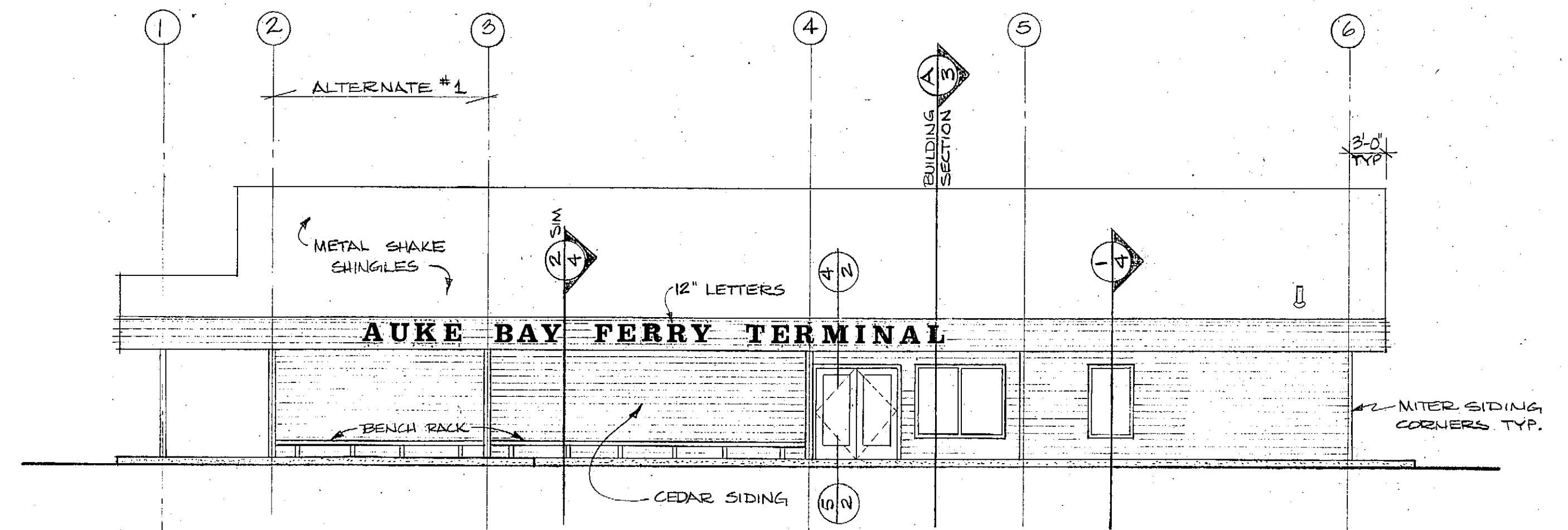
SOUTH ELEVATION

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



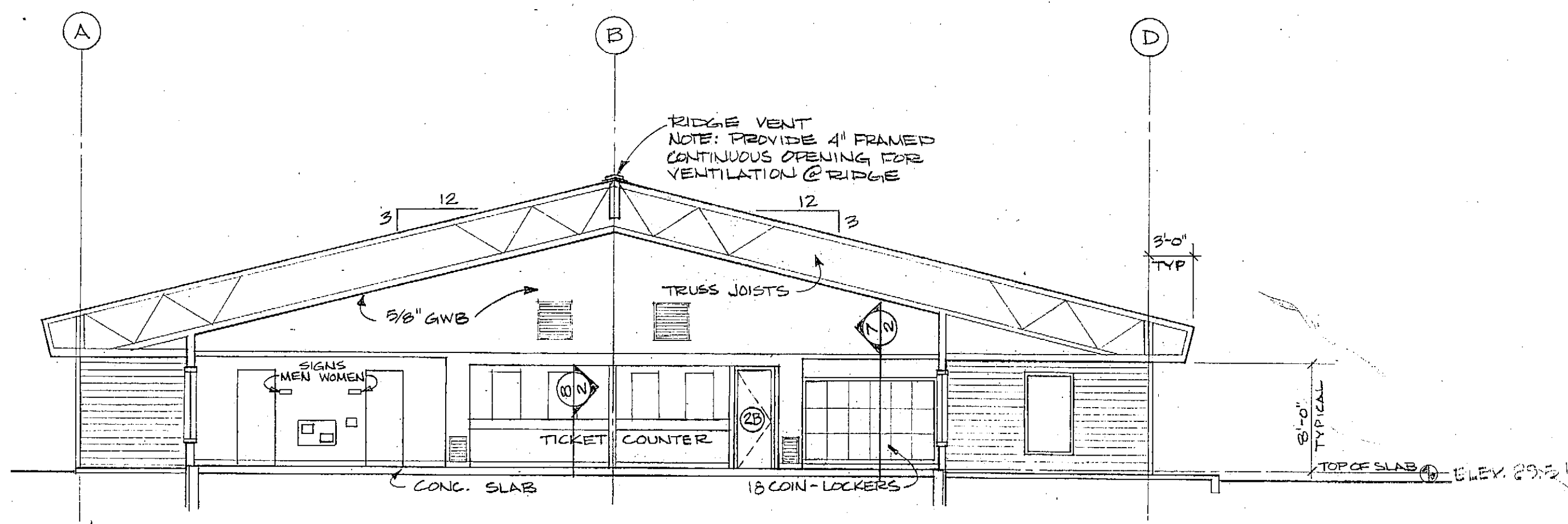
WEST ELEVATION

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



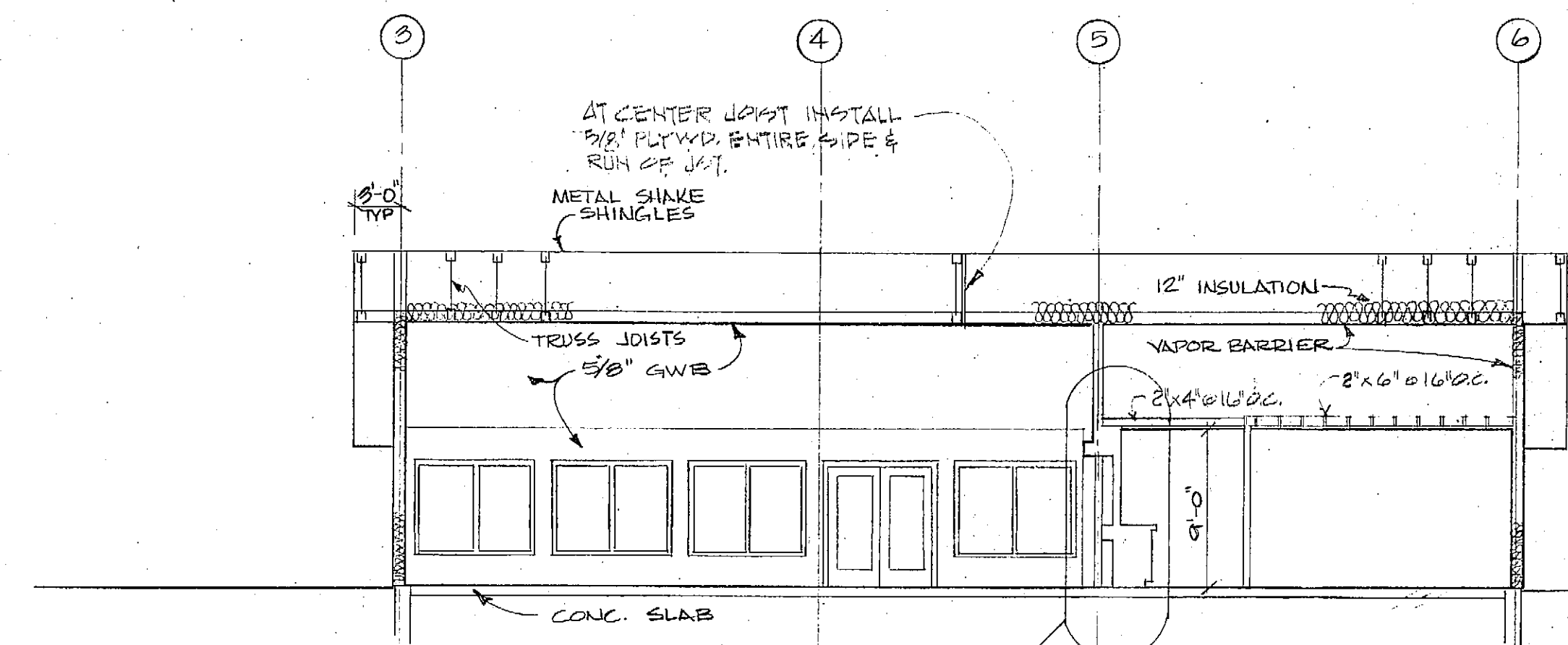
NORTH ELEVATION

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



SECTION - A

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



SECTION - B

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

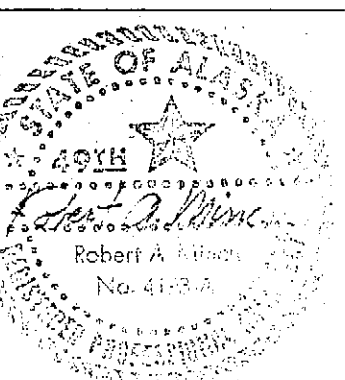
AUKE BAY MARINE TERMINAL BUILDING  
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JUNEAU, ALASKA

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EXTERIOR ELEVATIONS & BUILDING SECTIONS

DATE	

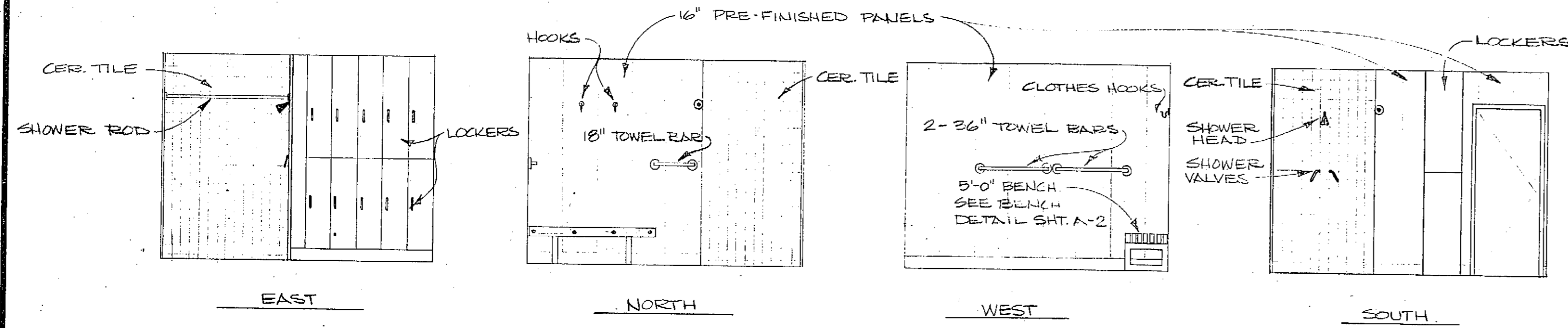
DRAWN J. SIMMS  
CHECKED  
APPROVED  
DATE JULY, 1981



SHEET NO.  
A-3  
OF 5 SHEETS

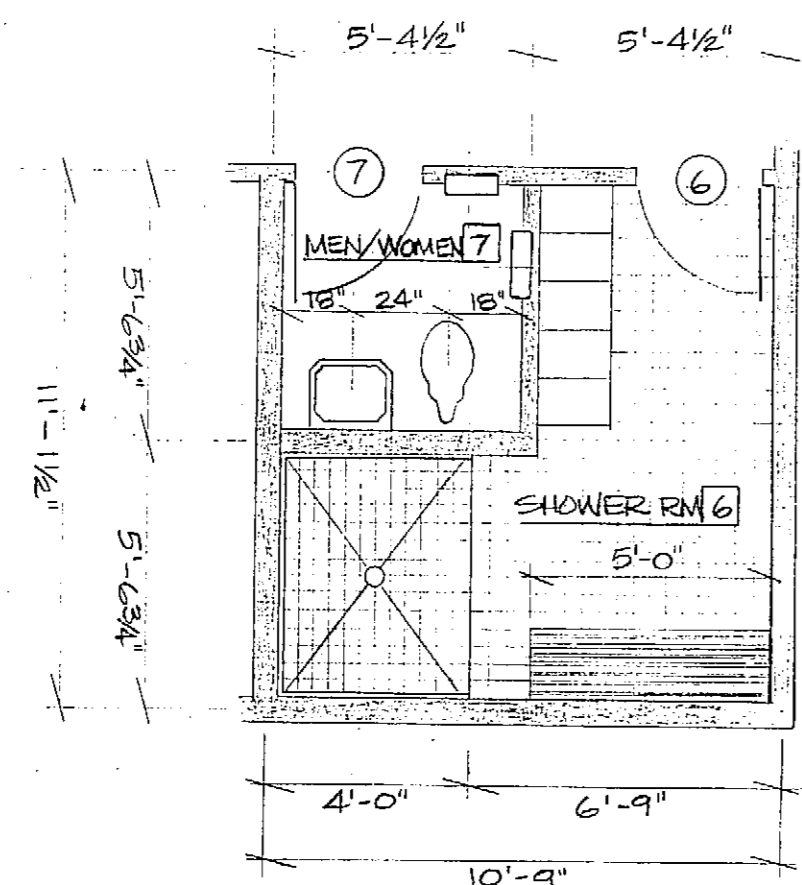


**MOUNTING HEIGHTS**  
 SHOWER HEADS @ 6'-6"  
 SHOWER VALVES @ 4'-0"  
 SHOWER ROD @ 6'-8"  
 TOWEL BAR @ 4'-0"  
 CLOTHES HOOKS @ 6'-5"



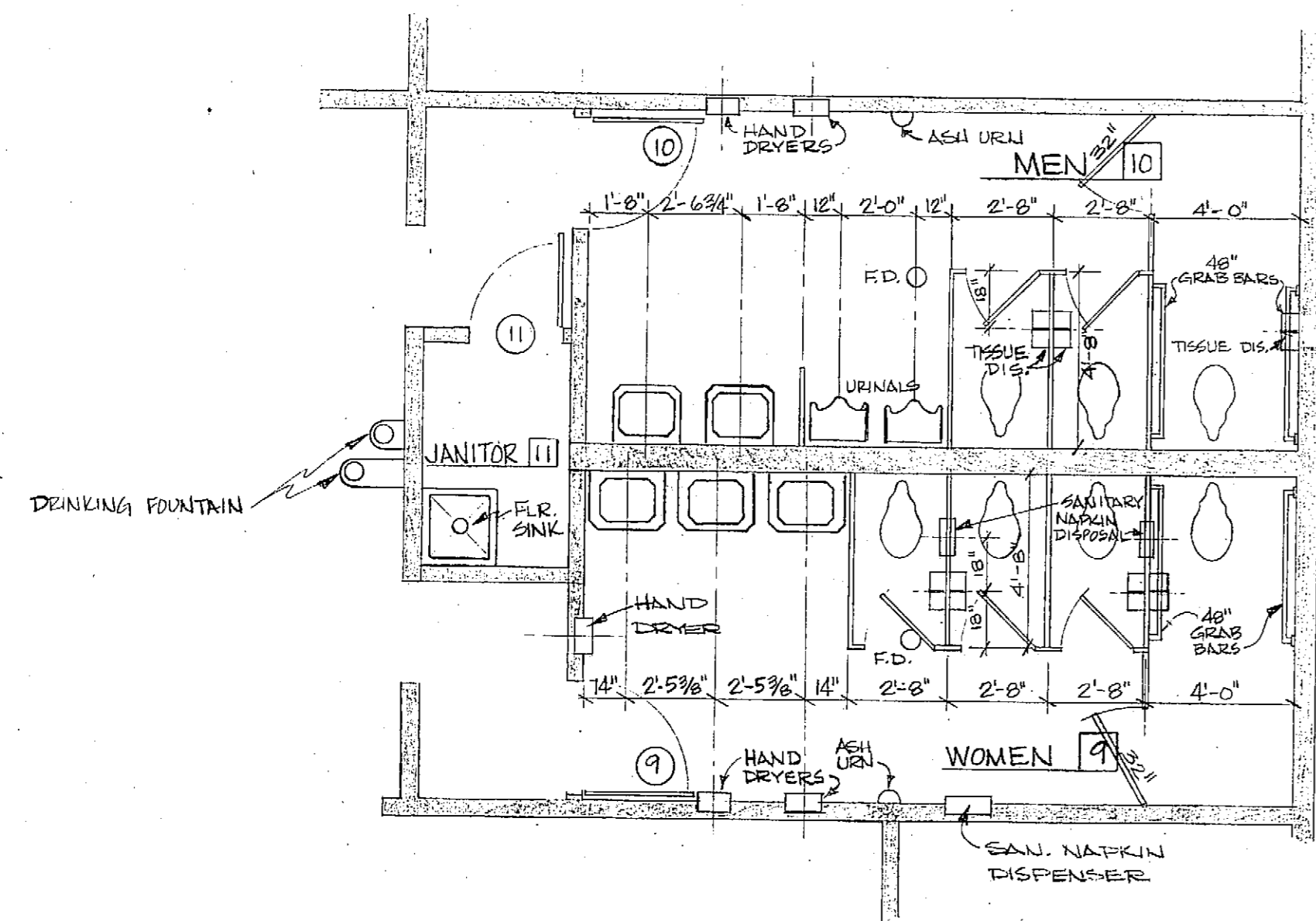
3 ELEVATIONS - SHOWER ROOM 6  
 5

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



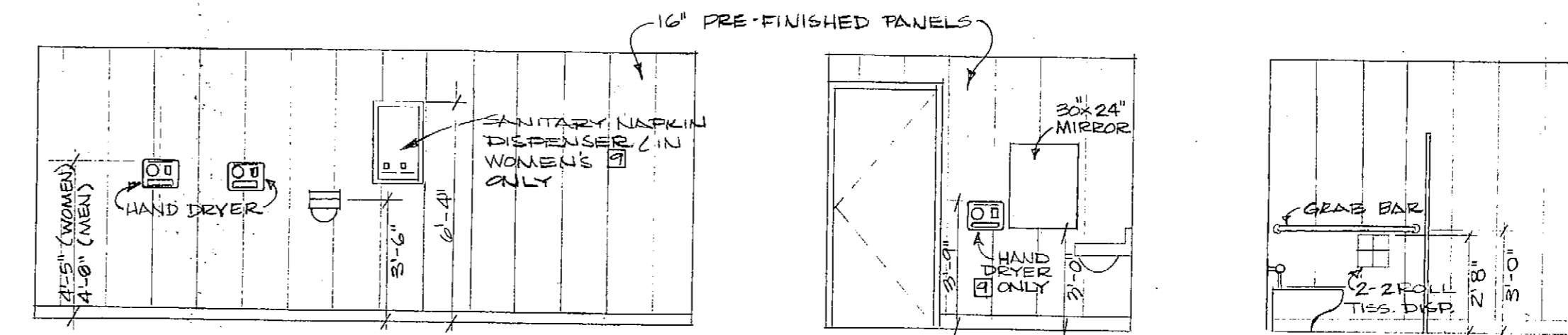
2 RESTROOM & SHOWER FLOOR PLAN  
 5

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



1 RESTROOM FLOOR PLAN  
 5

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



4 ELEVATION - SOUTH WALL MENS' 10  
 5

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

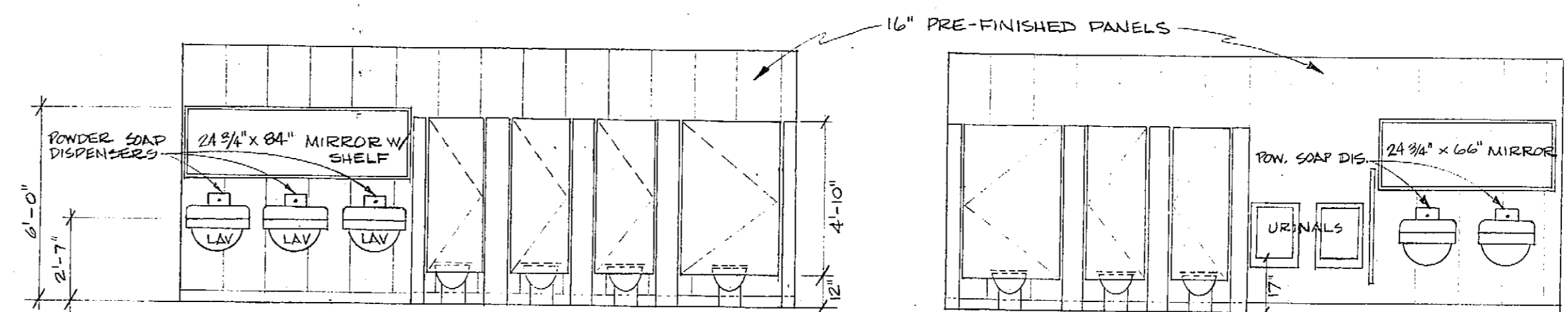
NORTH WALL WOMENS' 9 OF HD.

5 ELEV. - EAST WALL WOMENS' 9  
 5

EAST WALL MENS' 10 OF HD.

6 ELEV. - WEST WALL WOMENS' 9  
 5

WEST WALL MENS' 10 SIM. OF HD.

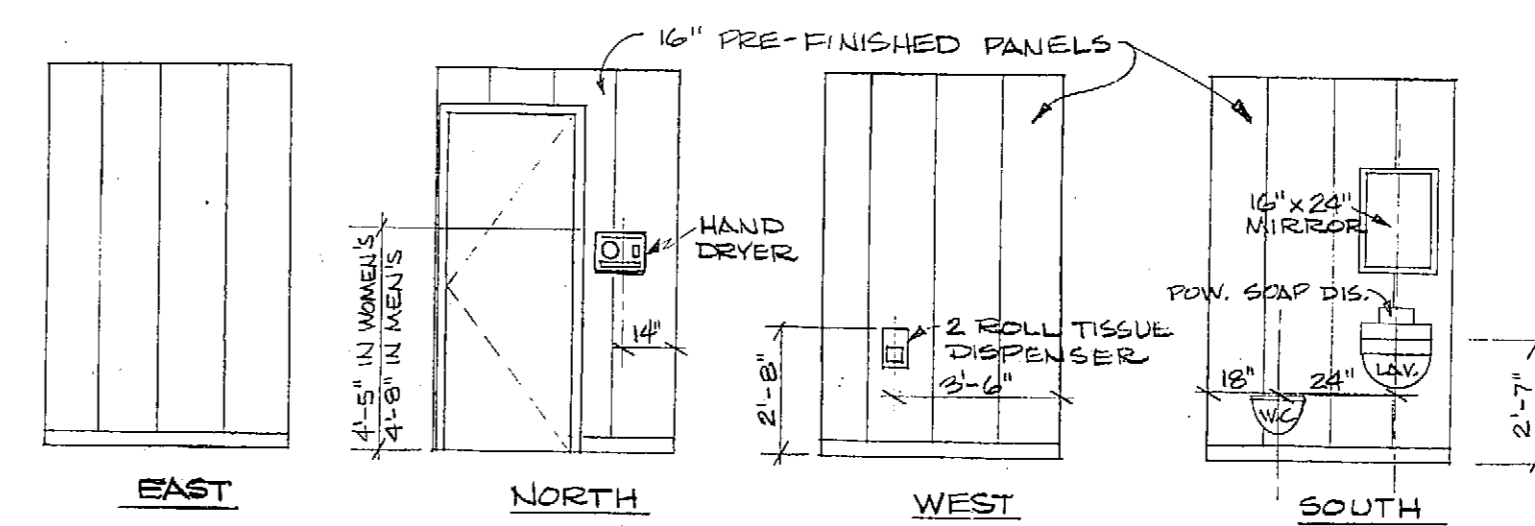


7 ELEVATION SOUTH WALL WOMEN 9  
 5

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

8 ELEVATION NORTH WALL MEN 10  
 5

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



9 ELEVATIONS - MEN/WOMEN 7  
 5

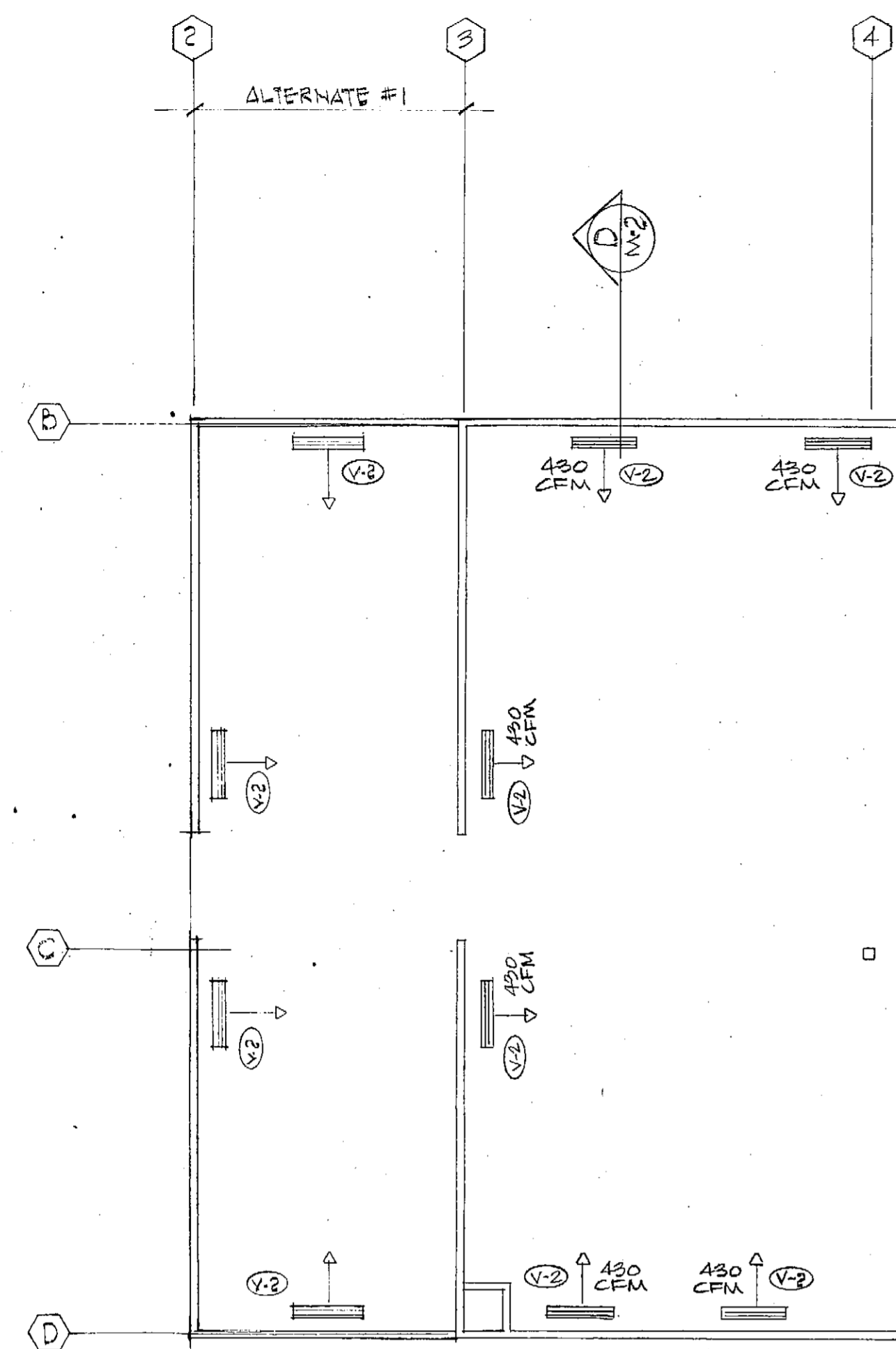
SCALE: 1/4" = 1'-0"

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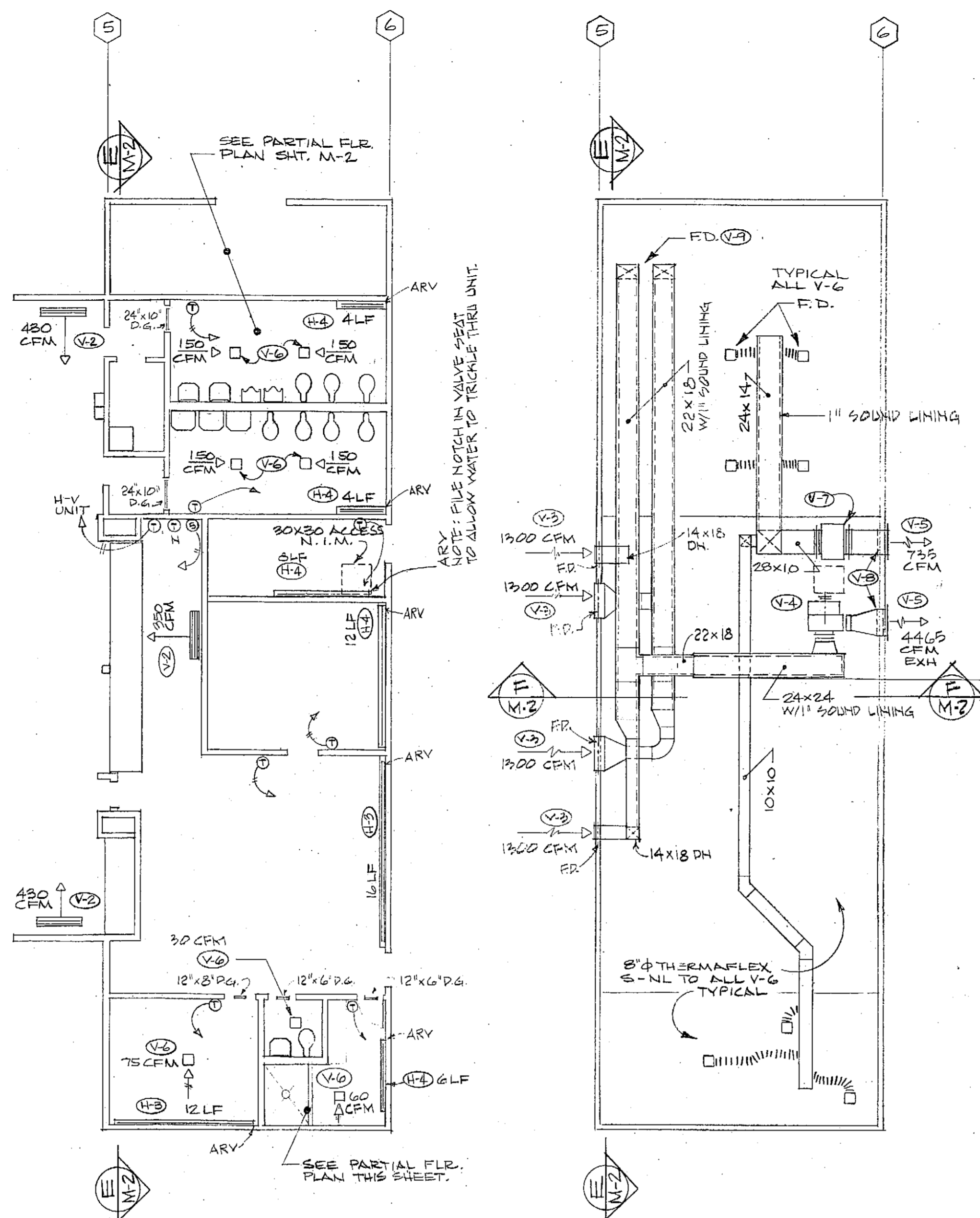
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ARCH. INTERIOR ELEVATIONS

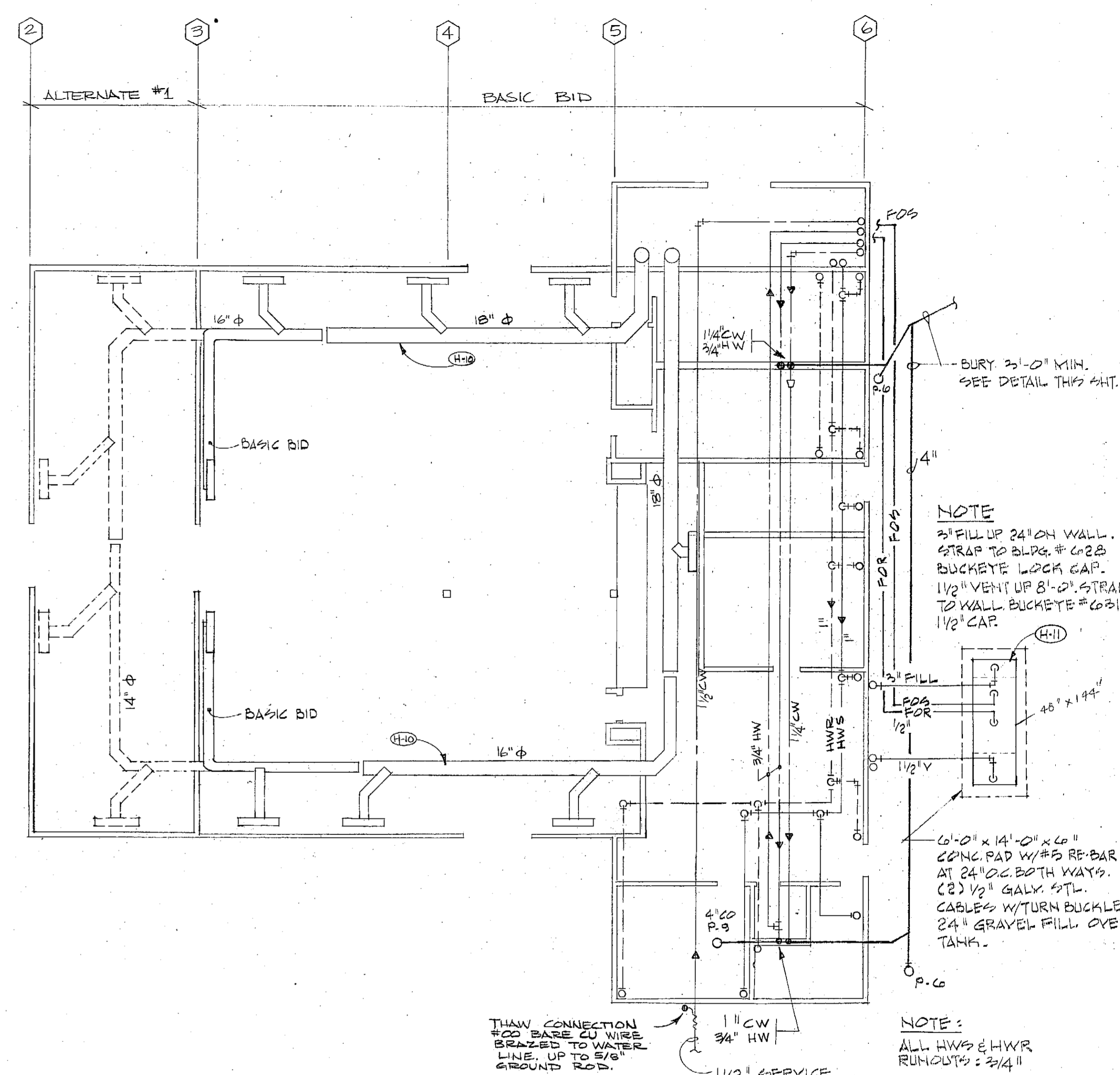
DATE		DRAWN J. SIMMS	SHEET N.O.
		CHECKED	A-5
		APPROVED	
		DATE JULY, 1981	OF 5 SHEETS



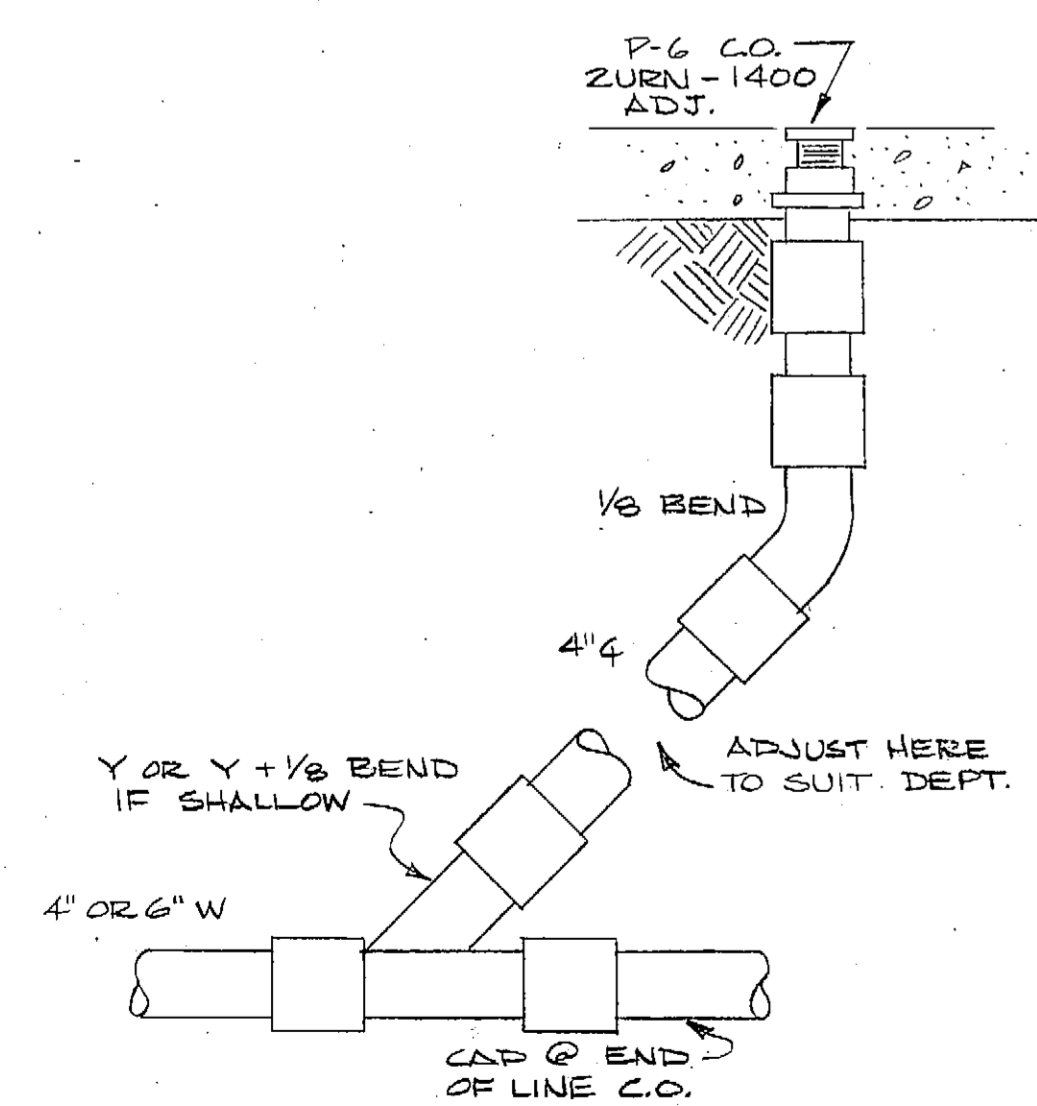
FLOOR PLAN  
SCALE: 1/8" = 1'-0"



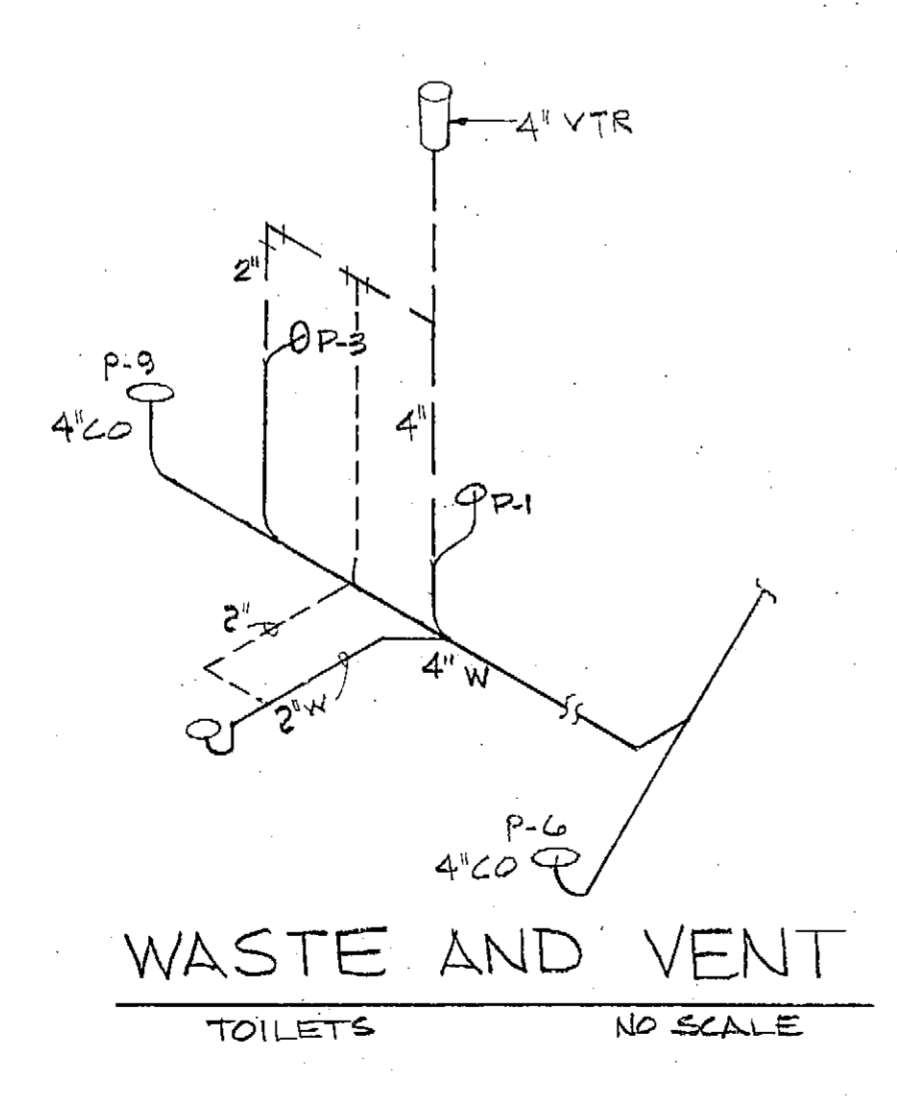
OVER CEILING PLAN  
SCALE: 1/8" = 1'-0"



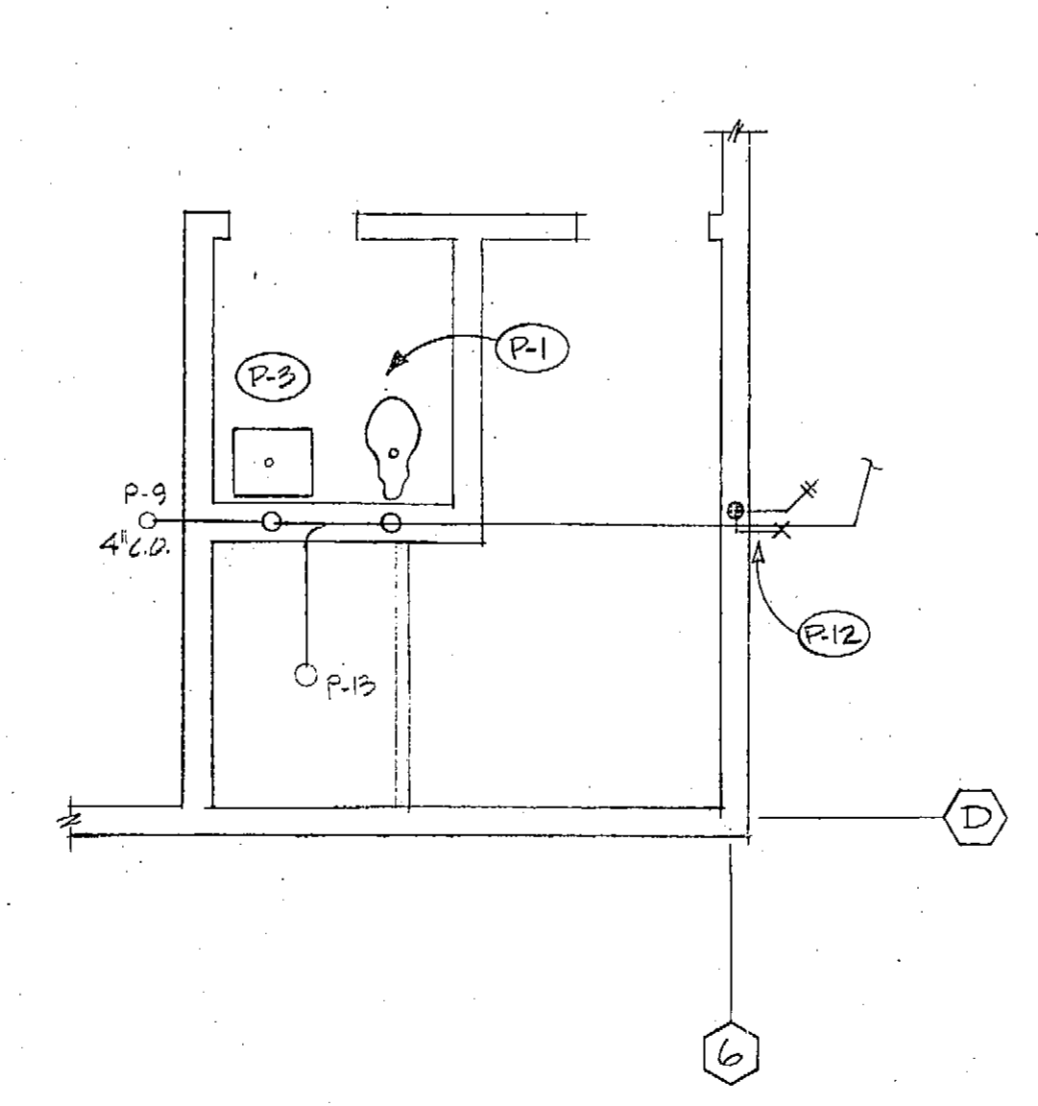
UNDER FLOOR PLAN  
SCALE: 1/8" = 1'-0"



CLEAN OUT DETAIL  
NO SCALE



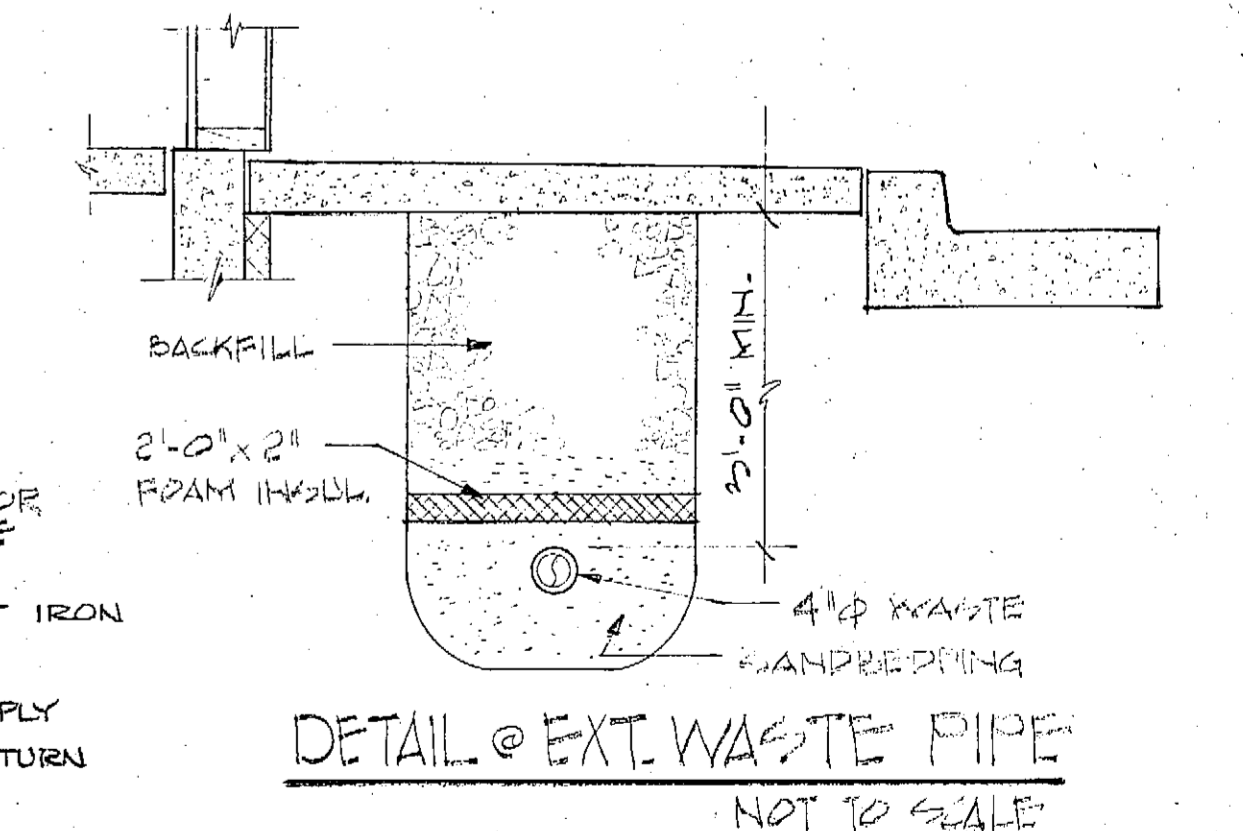
WASTE AND VENT  
TOILETS  
NO SCALE



PARTIAL FLOOR PLAN  
TOILETS  
SCALE: 1/4" = 1'-0"

LEGEND

EXH	EXHAUST AIR	D.G.	DOOR GRILLE
RA	RETURN AIR	CD	CONTROL DAMPER
OA	OUTSIDE AIR	ARY	AUTOMATIC RADIATOR VALVE
SA	SUPPLY AIR	W	WASTE G = CAST IRON
WH	WALL HYDRANT	V	VENT
STR	STRAINER, HOSE	HWS	HTG WATER SUPPLY
BIB	BIB	HWR	HTG WATER RETURN
VTR	VENT THRU ROOF	CW	COLD WATER
DSL	DUCT SOUND LINING	HW	HOT WATER
N.I.M.	NOT IN MECHANICAL	HW(R)	HW RE-CIRCULATED
EQ	EQUIPT. SYMBOL	MV	MOTOR VALVE, T'STAT
SG	SUPPLY GRILLE, FLOW	R	RELAY, SWITCH, MAG. START
FD	FLEX DUCT, ROUND	MS	MOTOR VALVE, T'STAT
CG	CEILING GRILLE	FD	FIRE DAMPER 1 HR UL
FOR	FUEL OIL SUPPLY	P	PUMP, FLOW DIRECTION
FR	FUEL OIL RETURN	V	VALVES: GATE, GLOBE, CHECK



DETAIL @ EXT. WASTE PIPE  
NOT TO SCALE

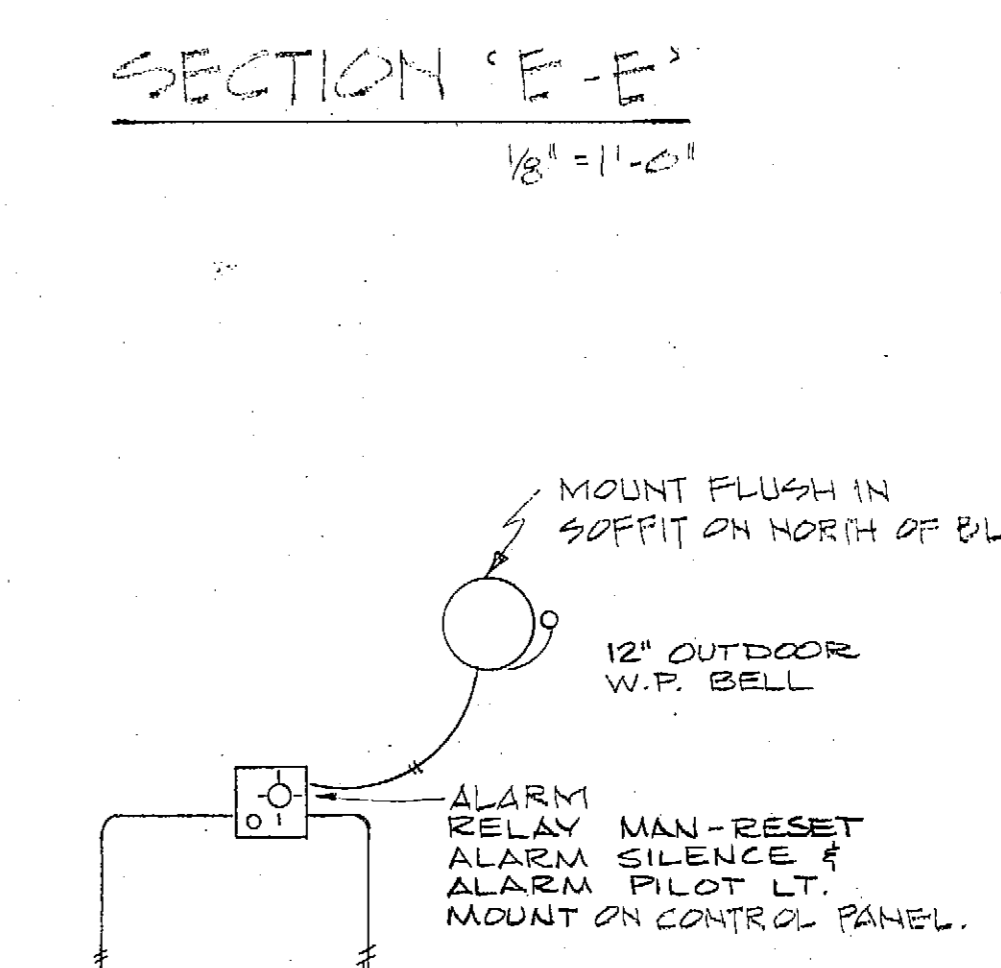
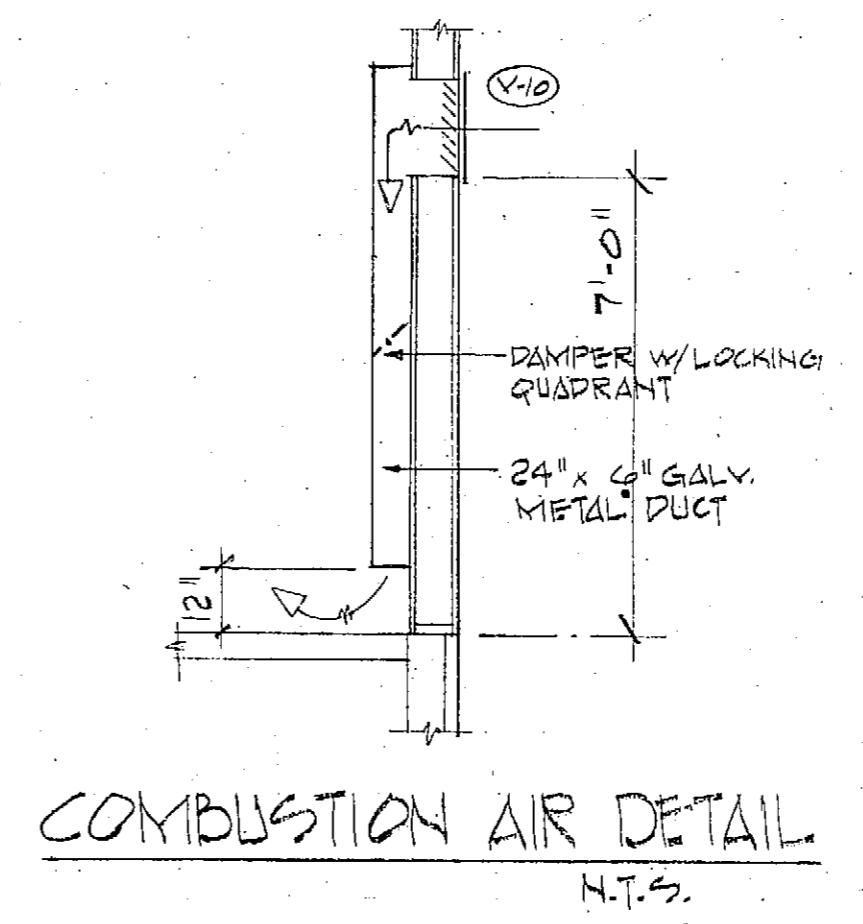
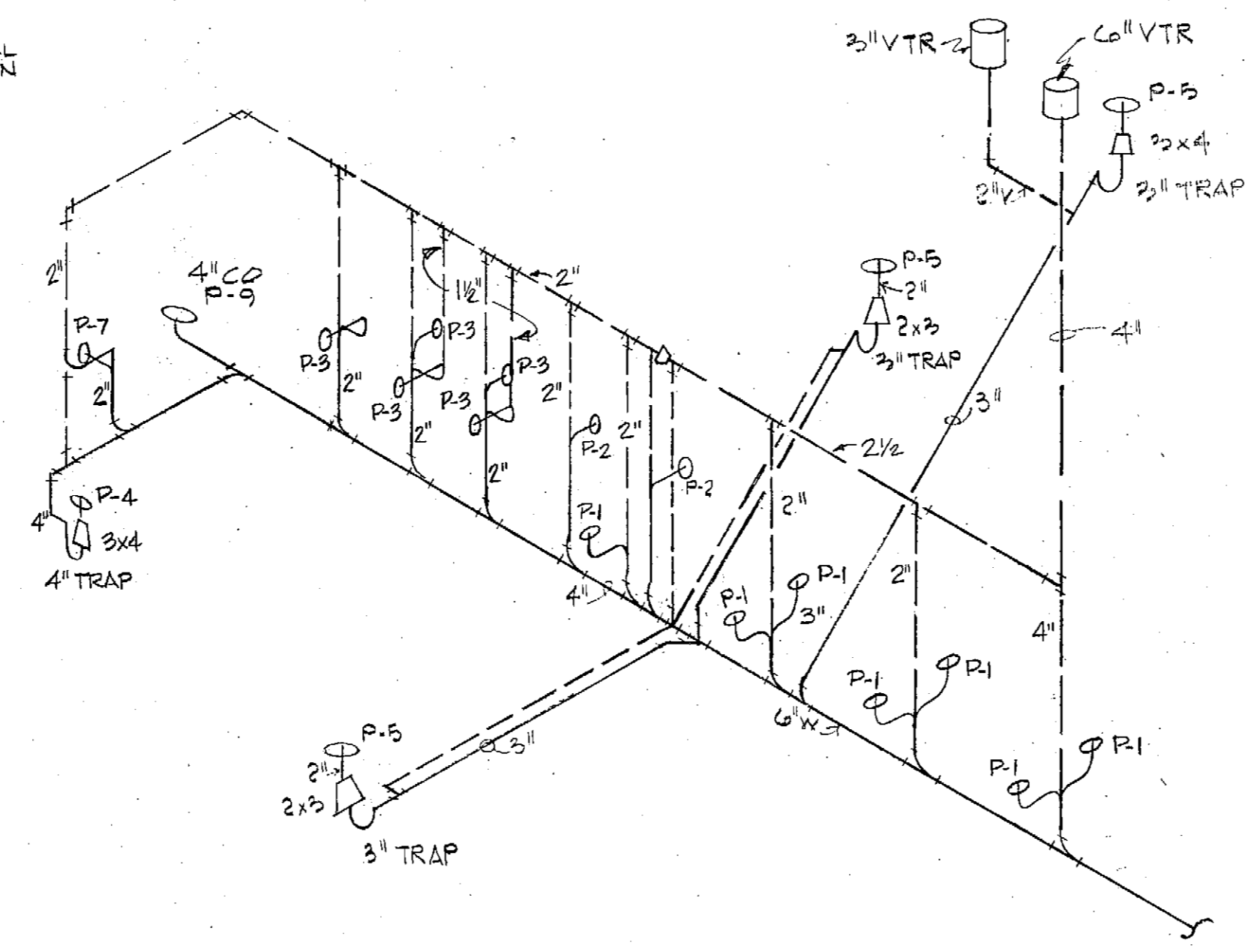
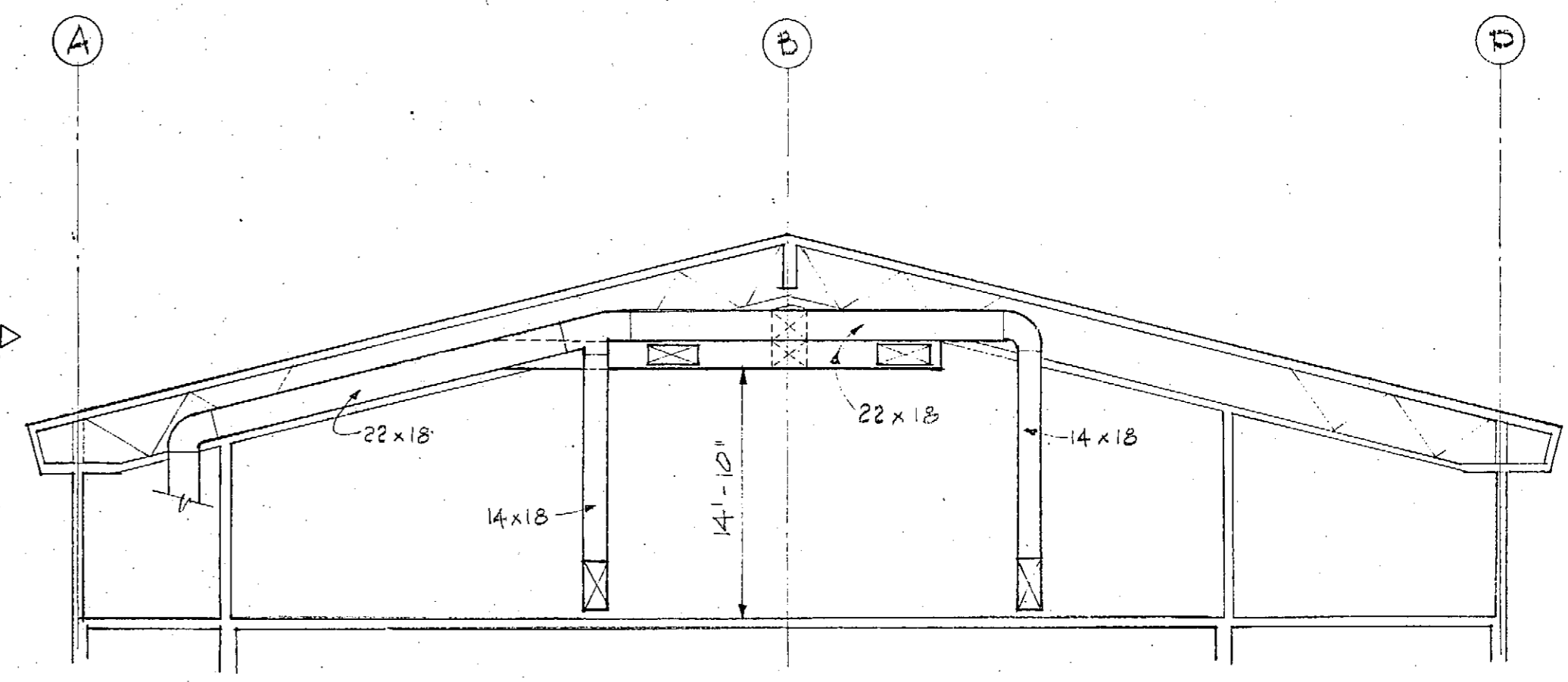
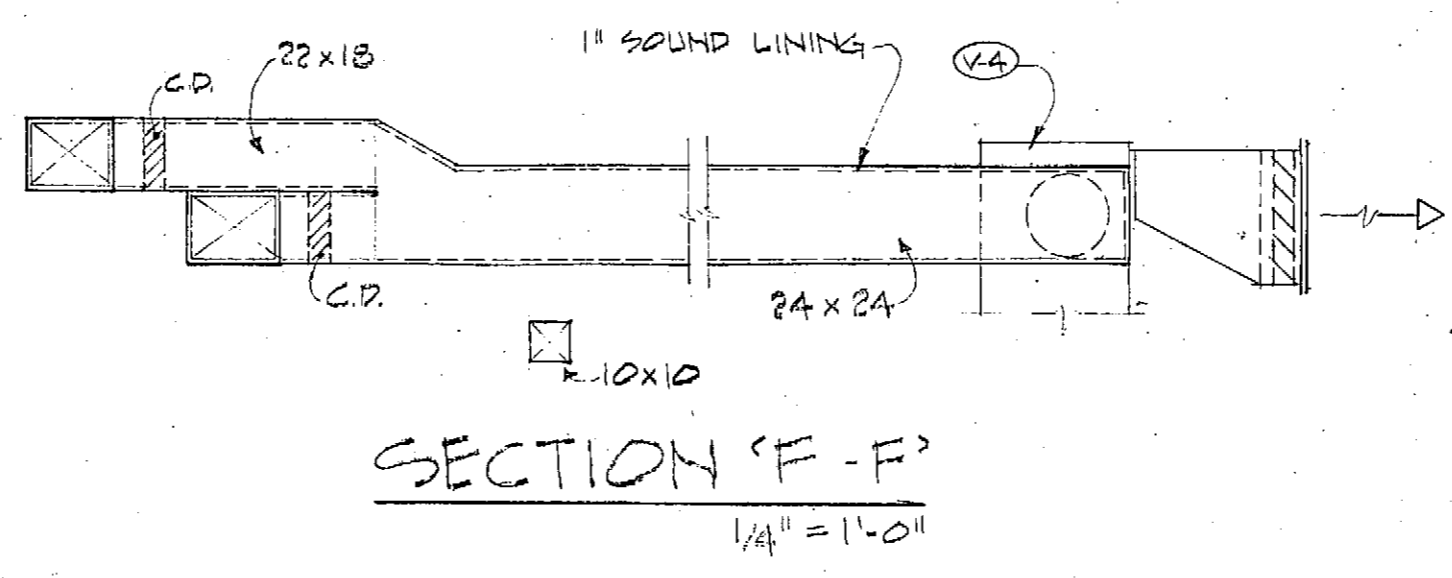
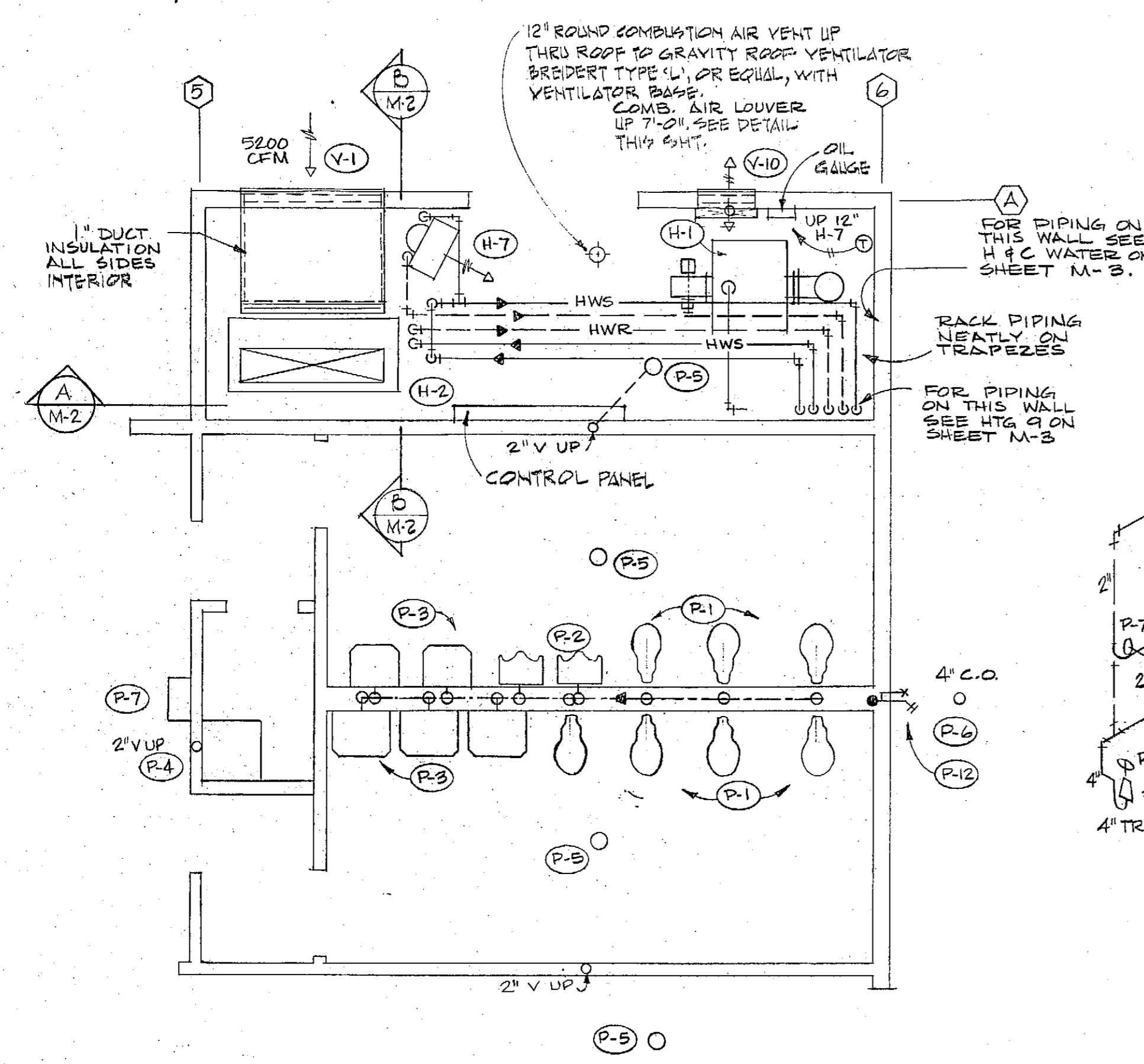
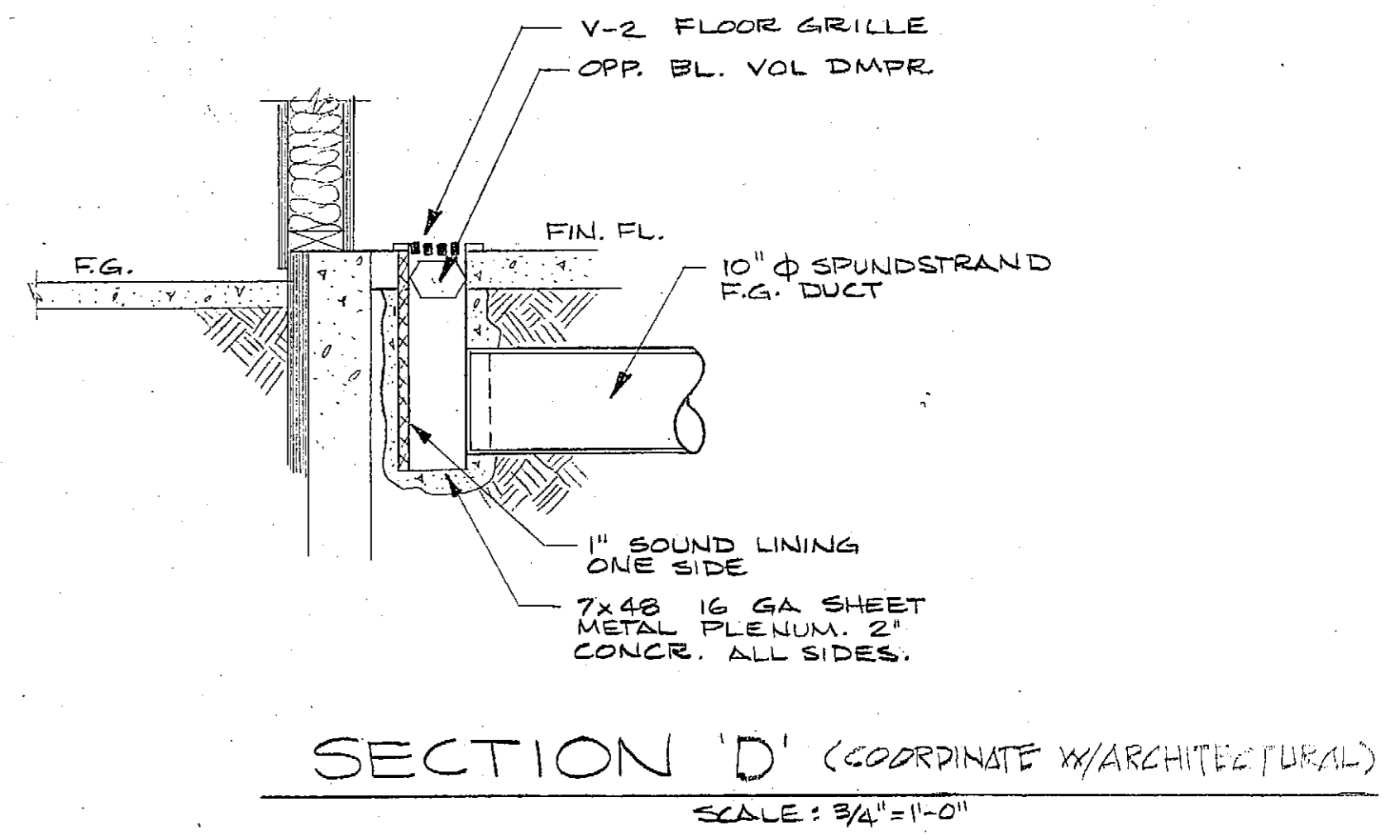
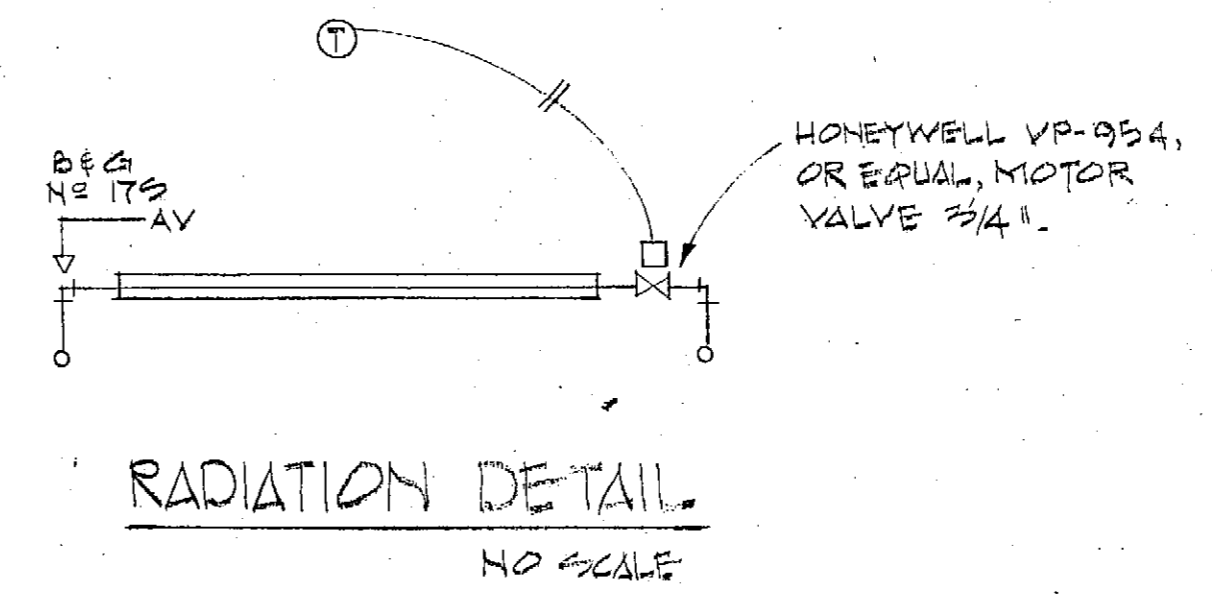
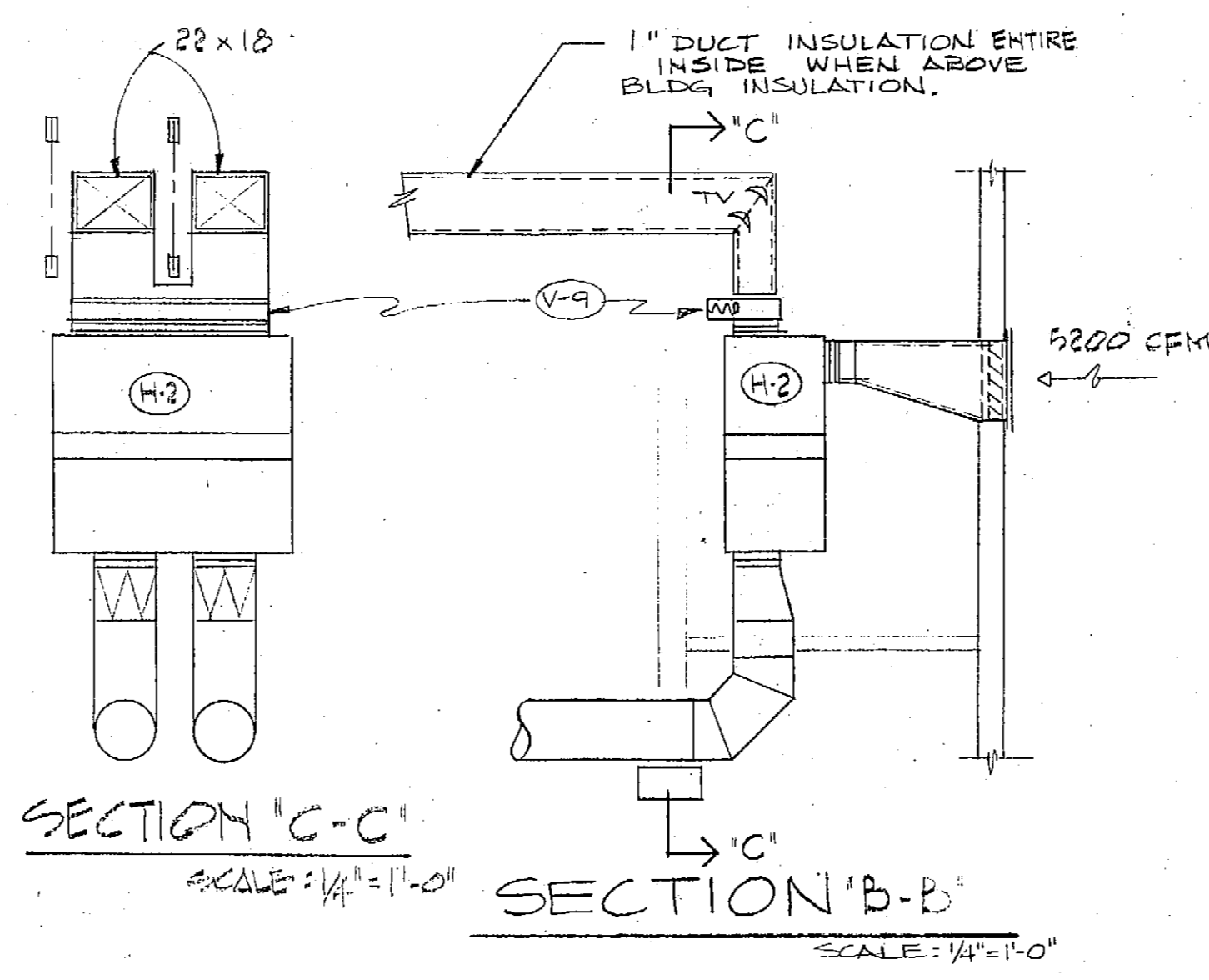
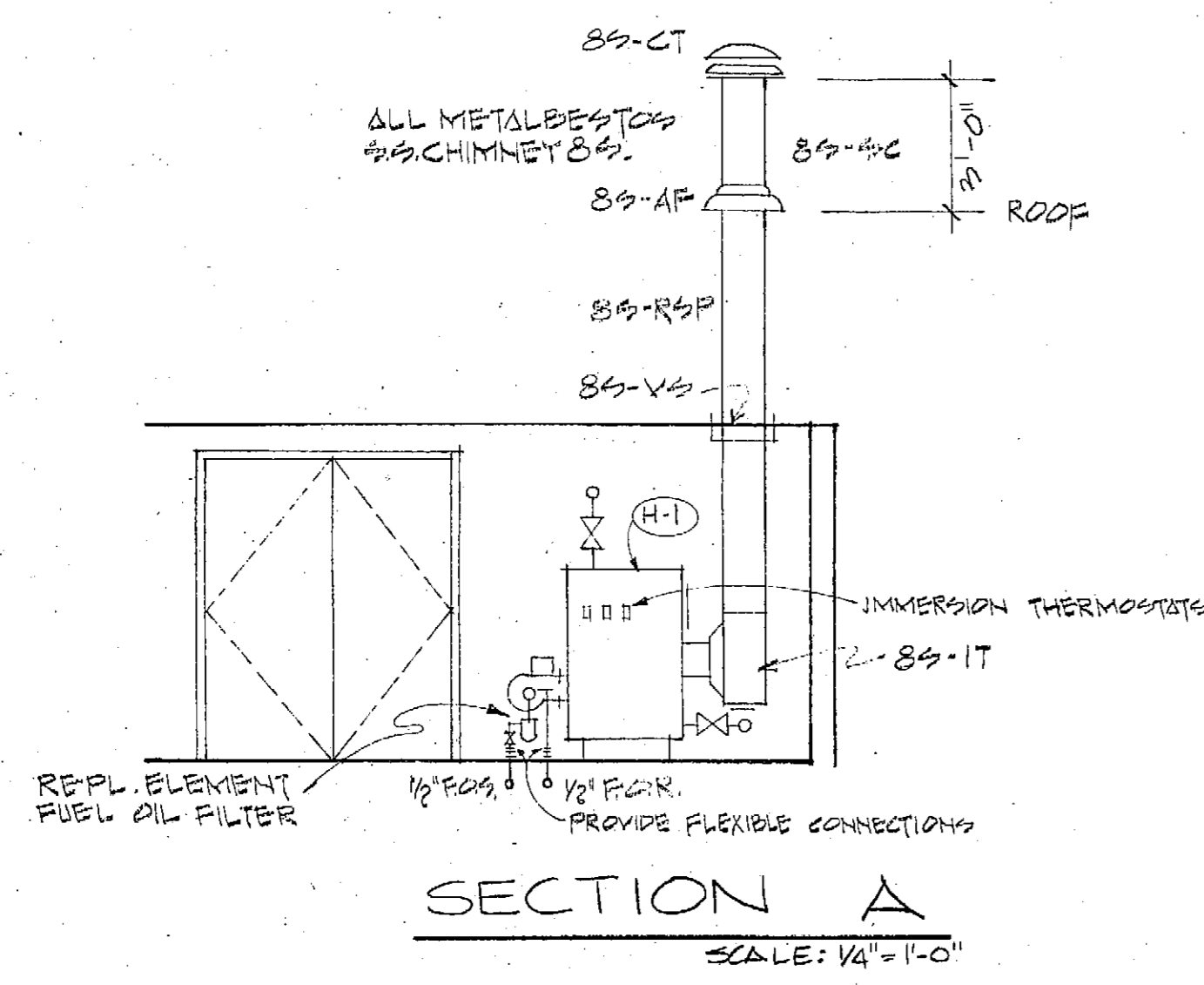
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MECHANICAL PLAN & DETAILS

DATE	
DRAWN	J. SIMMS
CHECKED	
APPROVED	
DATE	JULY, 1981

SHEET NO.  
M-1  
OF 3 SHEETS



PARTIAL FLOOR PLAN  
TOILETS AND MECH. RM. SCALE: 1/4" = 1'-0"

WASTE AND VENT  
TOILETS NO SCALE

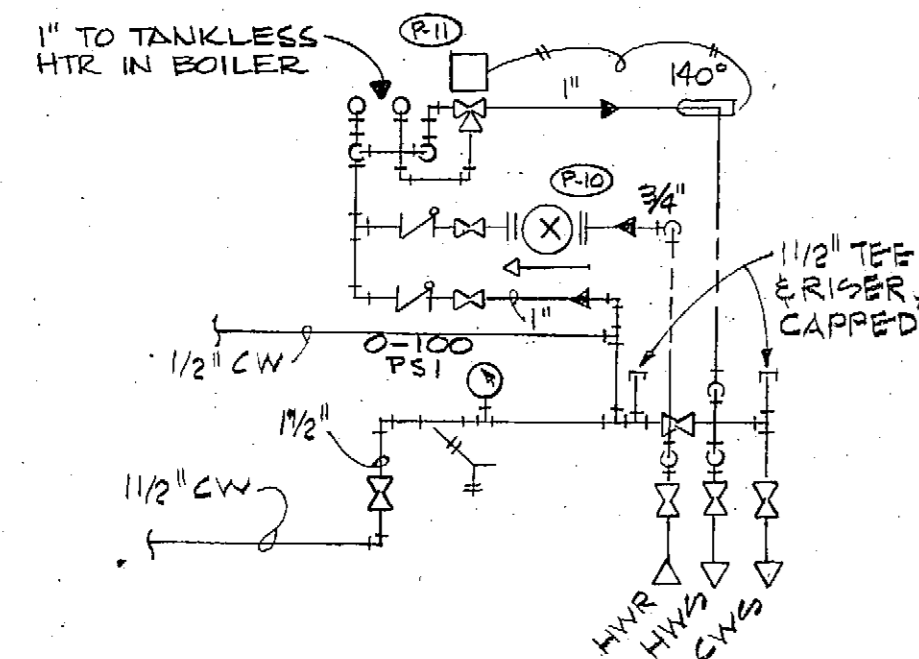
ALARM DIAGRAM  
NO SCALE

AUKE BAY MARINE TERMINAL BUILDING  
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JUNEAU, ALASKA.

**BDC** BUILDING DESIGN & CONSTRUCTION  
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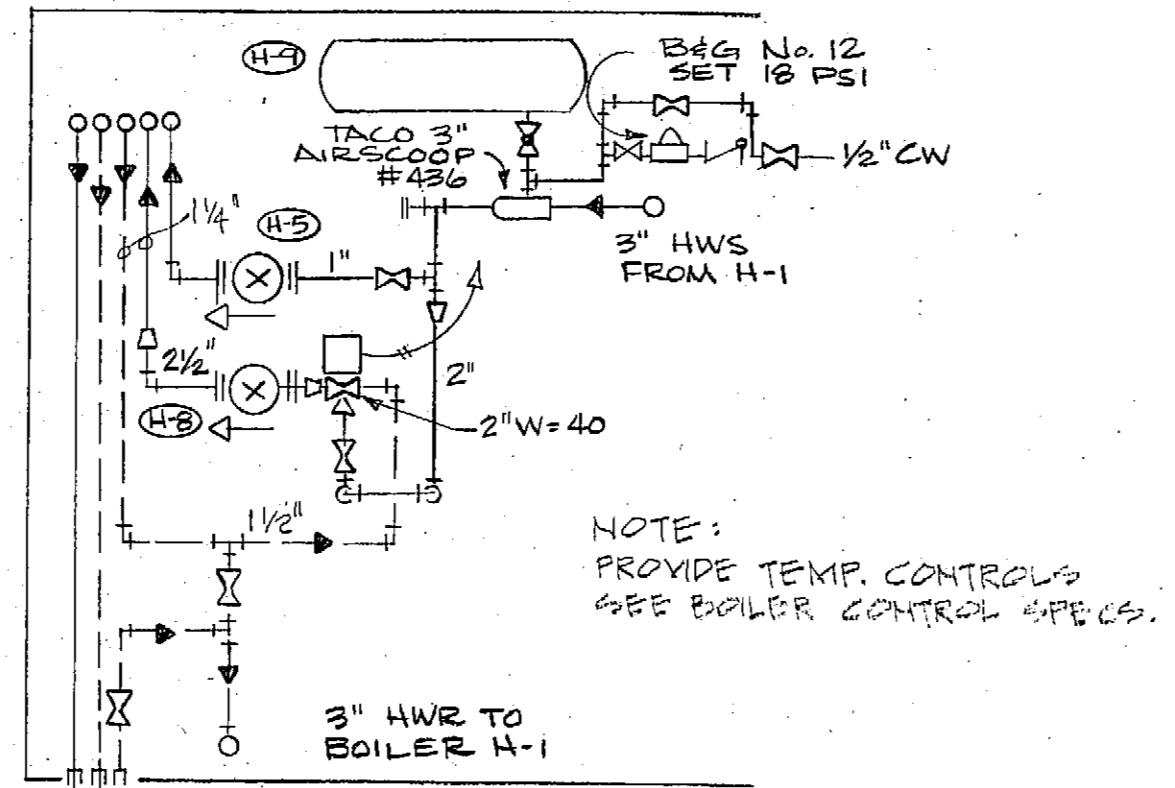
MECHANICAL PLAN & DETAILS

DATE		DRAWN	J. SIMMS	SHEET	NO.
		CHECKED			M-2
		APPROVED			OF 3 SHEETS
		DATE	JULY, 1981		



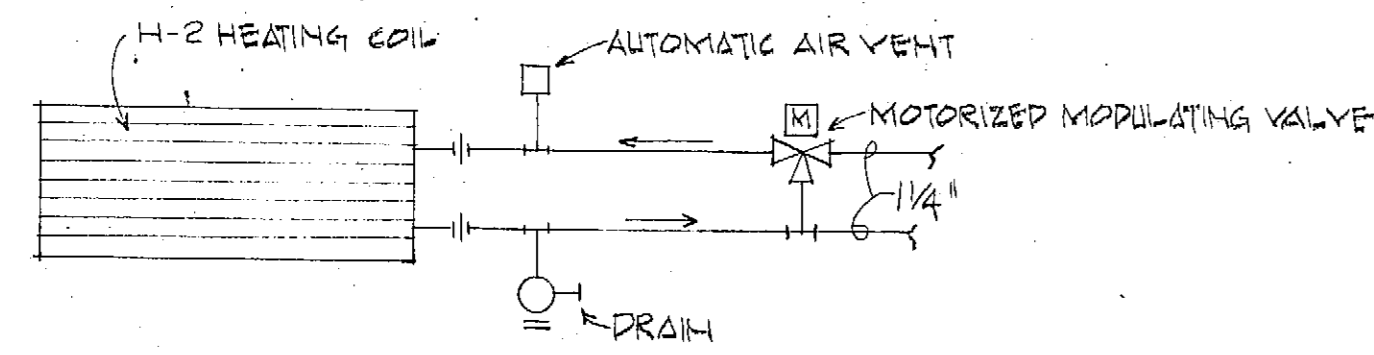
H AND C WATER

NO SCALE



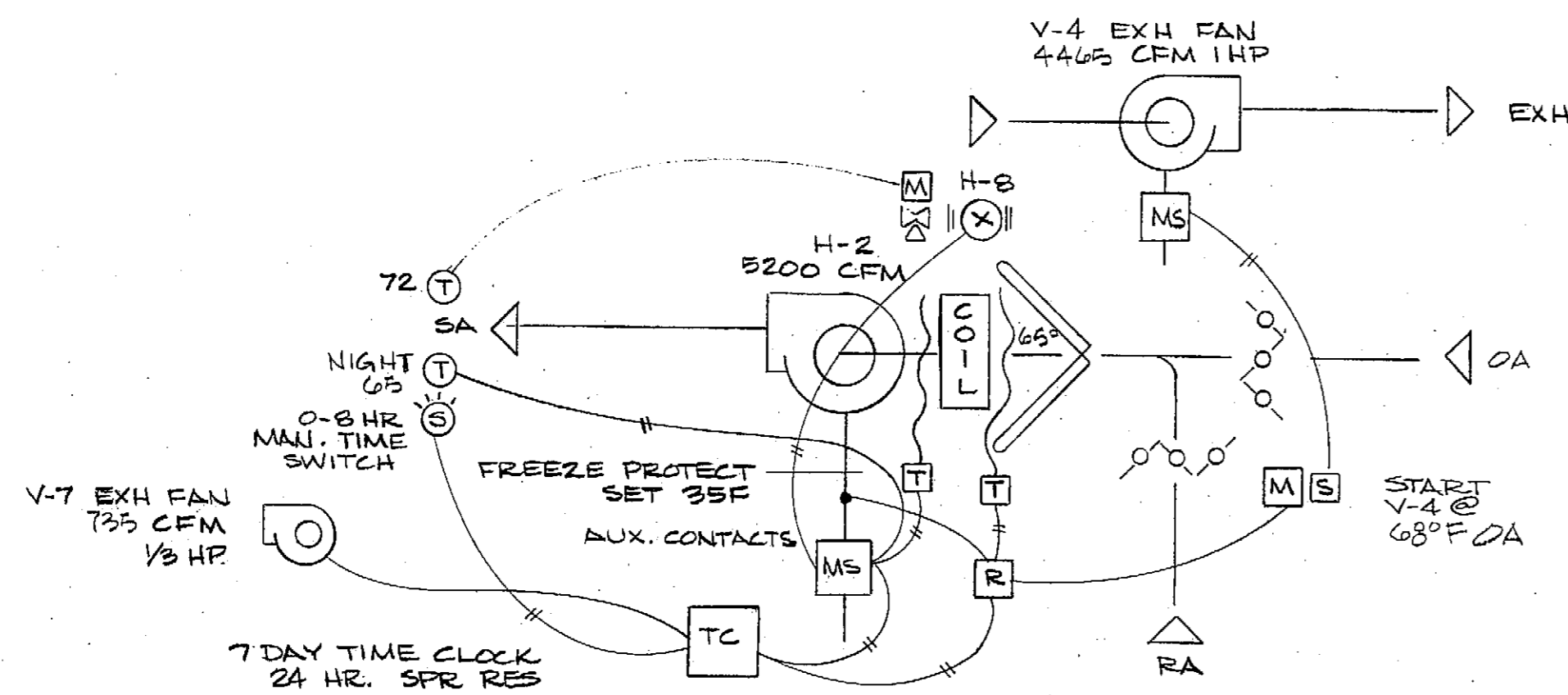
HEATING PIPING

NO SCALE



H-2 PIPE CONNECTIONS

M.T.S.



CONTROL AND FLOW DIAGRAM

H & V UNIT H-2

NO SCALE

PLUMBING SCHEDULE

NO.	FIXTURE	MFG	CAT NO	SIZE	W	V	CW	HW	REMARKS
P-1	WATER CLOSET	AM-STD	2222.016	5834.099 SEAT	3	2	1	-	SLDAN - ROYAL 110 FLUSH VALVE, W/CHAIR CARRIER
P-2	URINAL	AM-STD	6560.016		2	2	1	-	SLDAN - ROYAL 126-11 FLUSH VALVE
P-3	LAVATORY	AM-STD	4867.012	19 x 17	1 1/2	1 1/2	1/2	1/2	2179.018 SINGLE LEVER FAUCET
P-4	JAN. SINK	AM-STD	7740.020	28 x 28	3	2	1/2	1/2	7593.148 FAUCET 7721.020 DRAIN
P-5	FLOOR DRAIN	ZURN	Z-215	2"	3	2	-	-	
P-6	CLEAN OUT	ZURN	Z-1400	4"	4	-	-	-	CONCR. SLAB
P-7	DRINK. FOUNTAIN	HAWS	HWCL-10	26 x 17	1 1/2	1 1/2	1/2	-	H1-LO SURFACE MTD.
P-8	FLOOR SINK	AM-STD	7745.011	28 x 28	2	-	-	-	3" & TRAP 7768-013 HALF GRATE
P-9	CLEAN OUT	ZURN	Z-1400-12	4"	4	-	-	-	FOR CARPET
P-10	H.W. CIRCULATOR	B & G	"75"	3/4" FLGD	1/2	HP	120V		ALL BRONZE CONSTRUCTION
P-11	TEMP. VALVE	POWERS	NO 11	1"					100 TO 160 RG WITH 4" T'ATR.
P-12	HYDRANT	ZURN	Z-1315	3/4"					NON-FREEZE
P-13	SHOWER DRAIN	SMITH	PLG. 2040-A	2"					W. VACUUM BREAKER
P-14	SHOWER FITTINGS	AM-STD	1490-036		2"	2"	1/2"	1/2"	AQUARIAN & W/ASTROJET SHOWERHEAD & SHOWER ARM

HEATING SCHEDULE

* H-1	BOILER	WEIL-MCLAIN	BL-576		1/4	HP, 120V			336 MBH NET IER
* H-2	H & V UNIT	PACE	B-12		2 1/2	HP 208-3-60			5200 CFM @ VFMB, COIL
H-3	CONVECTOR	VULCAN	DVW	6" x 7" H	1 1/4	C-4 1/4-48, 1090			BTUH @ 180, BAKED ENAMEL, ARCH. CHOICE
H-4	CONVECTOR	VULCAN	DS, 16 GA.	4 1/4" x 12 H	1 1/4	C-2 1/4-40, 1470			BTUH @ 180 PRIME COAT
H-5	CIRCULATOR	B & G	1" HV	1" FLGD	1/2	HP, 120V			15 GPM @ 101 HD
H-7	UNIT HEATER	TRANE	42-5	18 1/2 x 23 W	1/2	HP, 120V			22.0 MBH @ 2.06 GPM @ 200' ENTERING WATER
H-8	CIRCULATOR	B & G	2 1/2"	2 1/2" FLGD	1/4	HP, 120V			40 GPM @ 13' HD
H-9	EXP. TANK	B & G	40 ASME	14 x 67		ATF-12 FTG			SUSPEND ON 3/4" RODS FROM CEILING
* H-10	U.G. DUCT	SPUNSTRAND	FG	18, 16, 14 & 10"					
H-11	U.G. OIL TANK	ACE	1000 GAL	48" DX 144" L	10	GA.			2 COATS BITUMASTIC PAINT

\* SEE SPECIFICATIONS

VENTILATION SCHEDULE

V-1	LOUVER	AIR-BALANCE	402	60 x 24	1 1/8"	FLG FRAME			OPTION: 1/2" SCREEN DBL THICK ANODIZED
V-2	FLOOR GRILLE	TITUS	CTH-25	48 x 6					WITH AG-25 DAMPER & TYPE 'B' FRAME
V-3	WALL GRILLE	TITTLE-BAILEY	T-70	14 x 22					AIR-BAL 119L THR FD
V-4	EXH FAN	PACE	U-20F	4465 CFM @ 1/2" SP	1	HP 208-3-60			M.S.
V-5	LOUVER	AIR-BALANCE	402	24 x 36	1 1/8"	FLG FRAME			OPTION: 1/2" SCREEN DBL THICK ANODIZED
V-6	CEILING GRILLE	BARB. COLUM.	PAS-B12	12 x 12 8" & 4"					NO 7 FINISH. AIR-BAL 119C THR FD
V-7	TOILET EXH. FAN	PACE	SCF-73B	735 CFM @ 1/2" SP	1/2	HP 120V			
V-8	BACK DR. DAMPR	AIR-BALANCE	1002-H	24 x 36					
V-9	FIRE DAMPER	AIR-BALANCE	119B	14 x 60					
V-10	COMB. AIR LOUVER	RUSKIN	ELF 375D	24 x 18	1 1/8"	FLG FRAME			1/2" SCREEN, ADJUSTABLE, TWO REQ'D. DBL ANODIZED

AUKE BAY MARINE TERMINAL BUILDING  
H-78002  
JUNEAU, ALASKA

BDC

BUILDING DESIGN & CONSTRUCTION

DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

MECH. SCHEDULE & DETAILS

DATE

DRAWN J. SIMMS

SHEET NO.

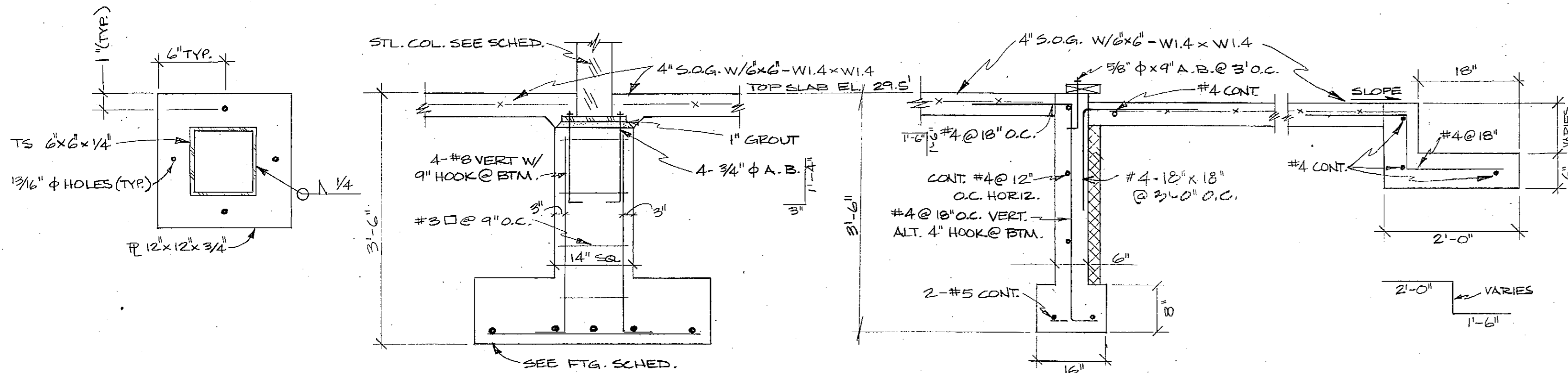
CHECKED

M-3

APPROVED

DATE JULY, 1981

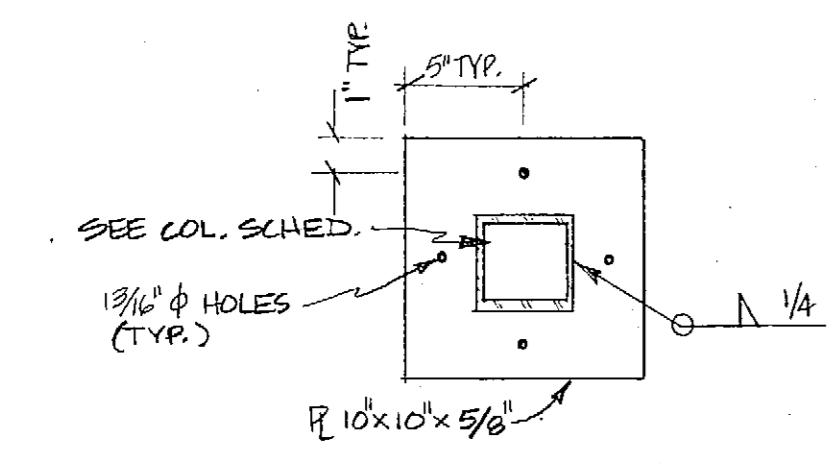
OF 3 SHEETS



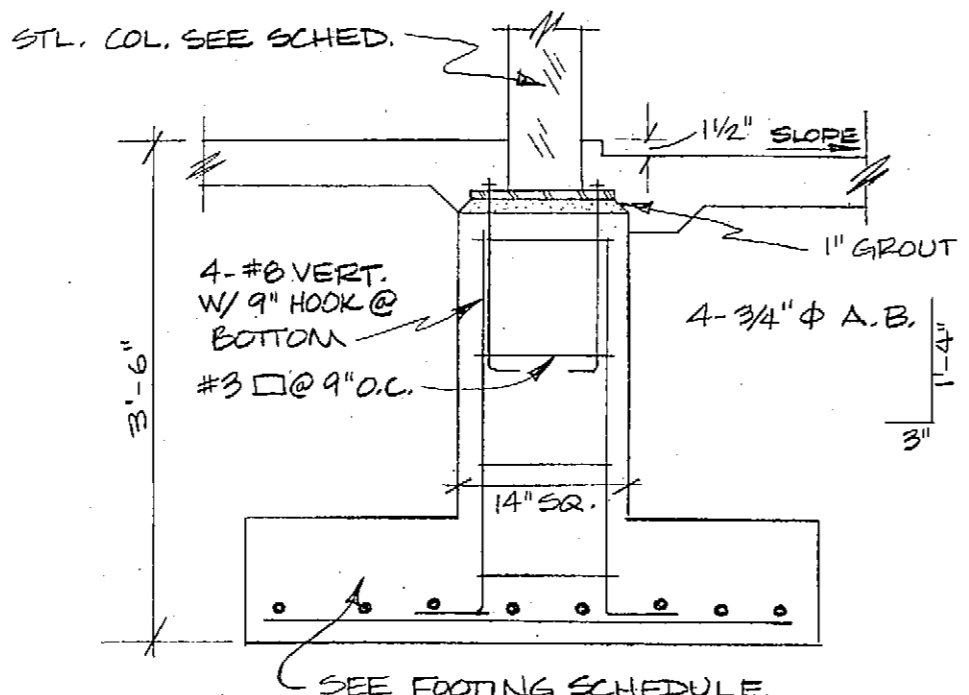
**BASE PLATE FOR INTERIOR COLUMNS**  
SCALE: 1/2" = 1'-0"

**SECTION B**  
3/4" = 1'-0"

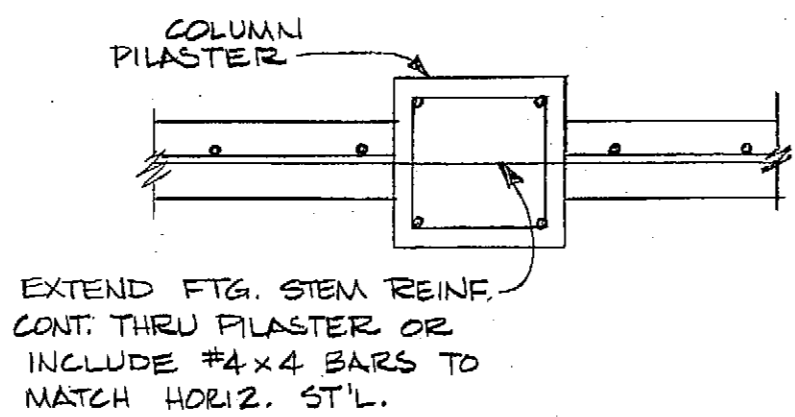
**SECTION A**  
3/4" = 1'-0"



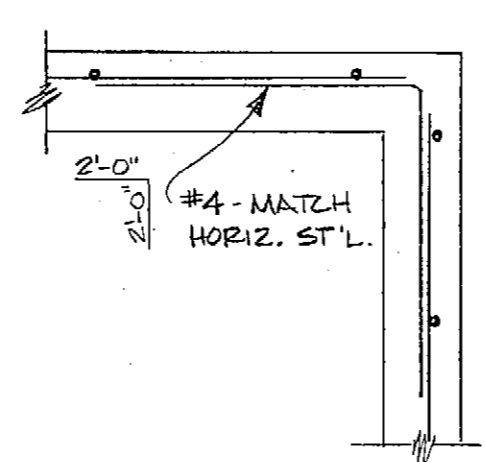
**TYP. FTG. COR. DETAIL W/PILASTER**  
SCALE: 3/4" = 1'-0"



**SECTION D**  
SCALE: 3/4" = 1'-0"

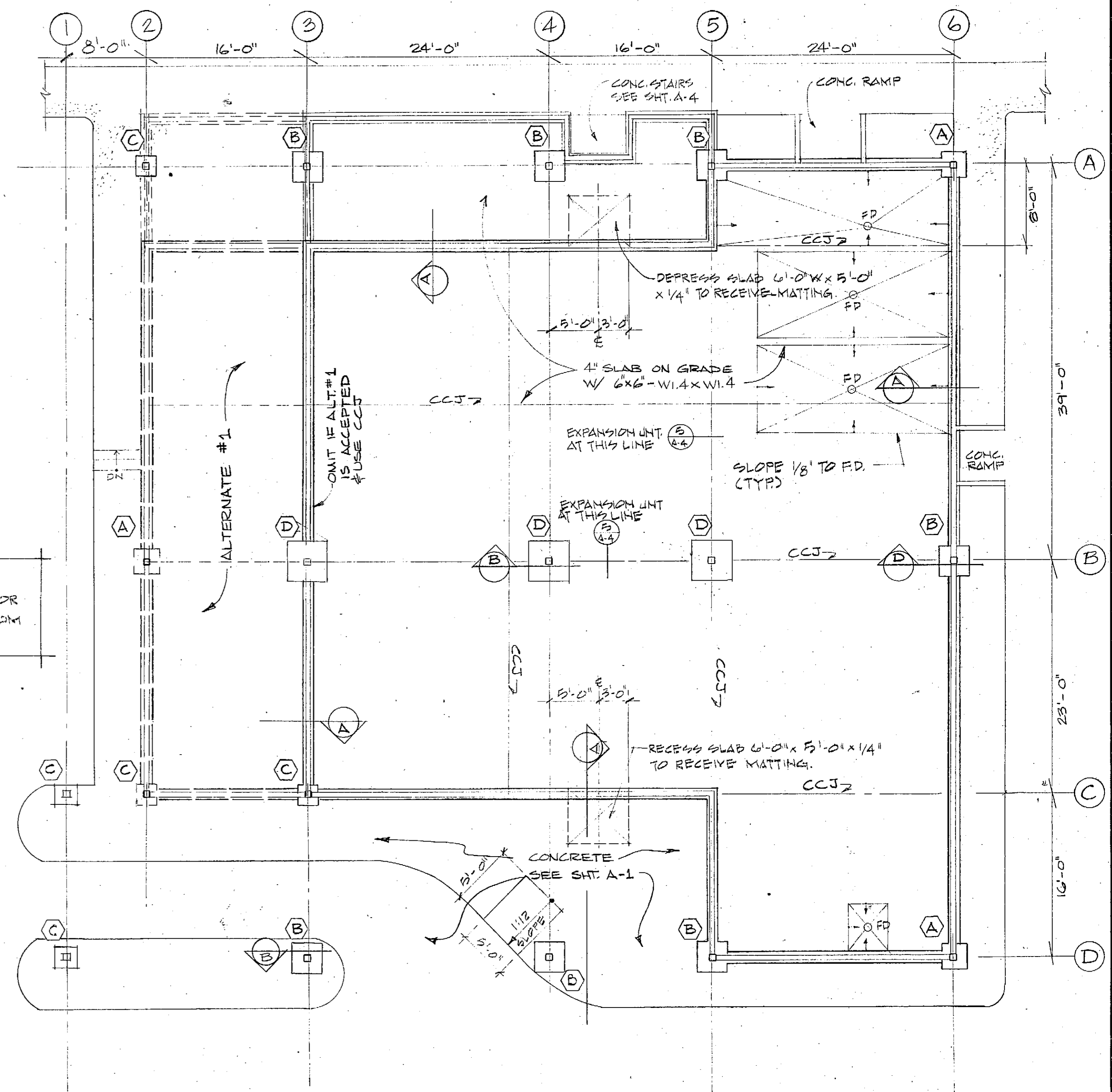


**TYP. FTG. WALL DETAIL AT PILASTER**  
SCALE: 3/4" = 1'-0"



**TYP. FOOTING COR. DETAIL**  
SCALE: 3/4" = 1'-0"

**NOTE**  
SLOPE ALL EXTERIOR SLABS AWAY FROM BLDG. 1%.



**FOUNDATION PLAN**

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

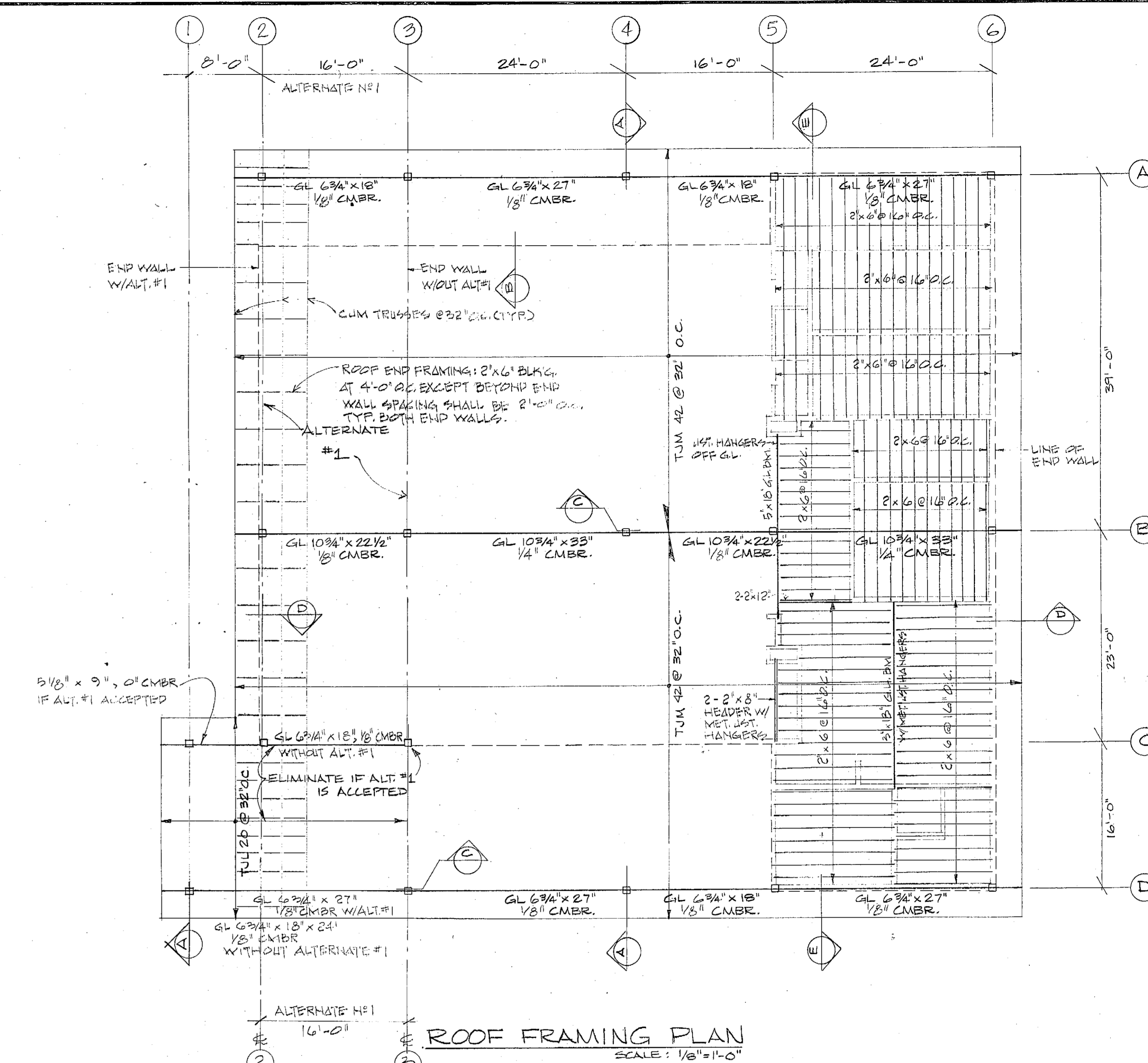
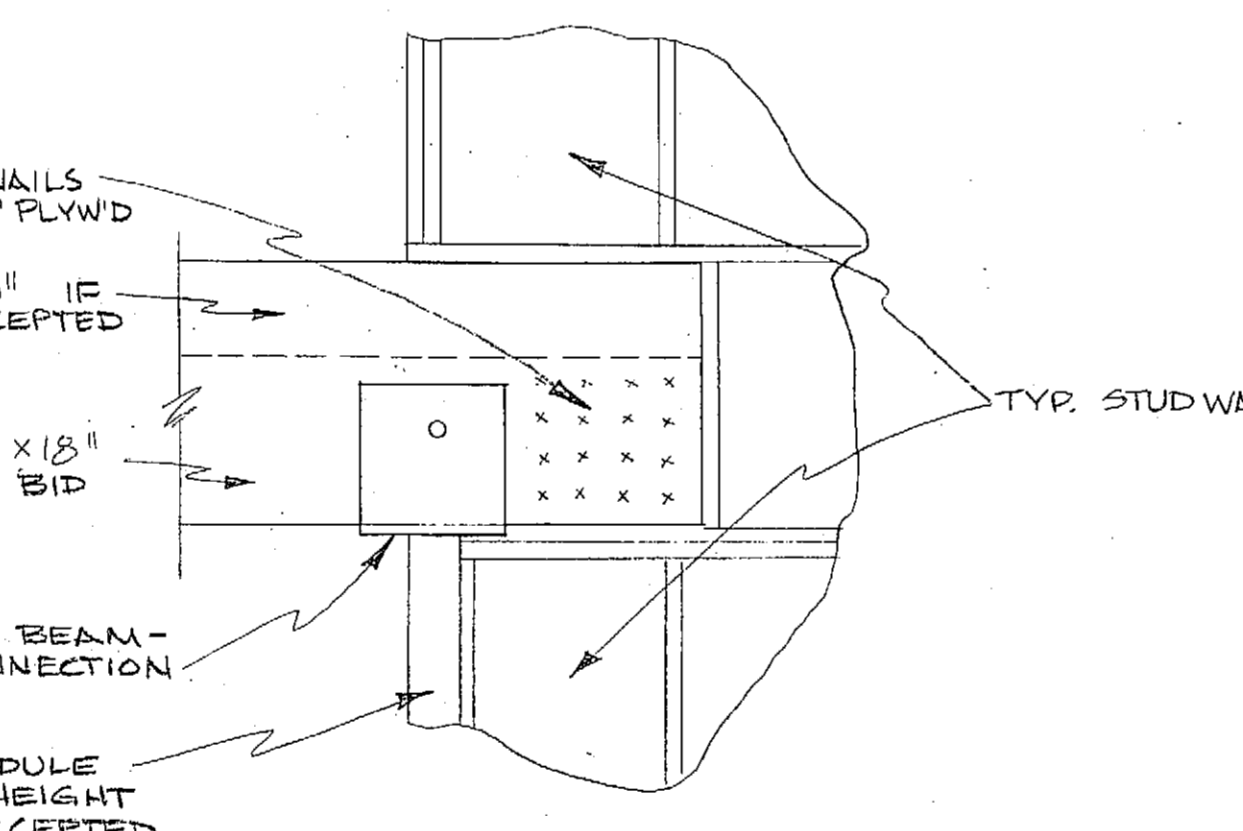
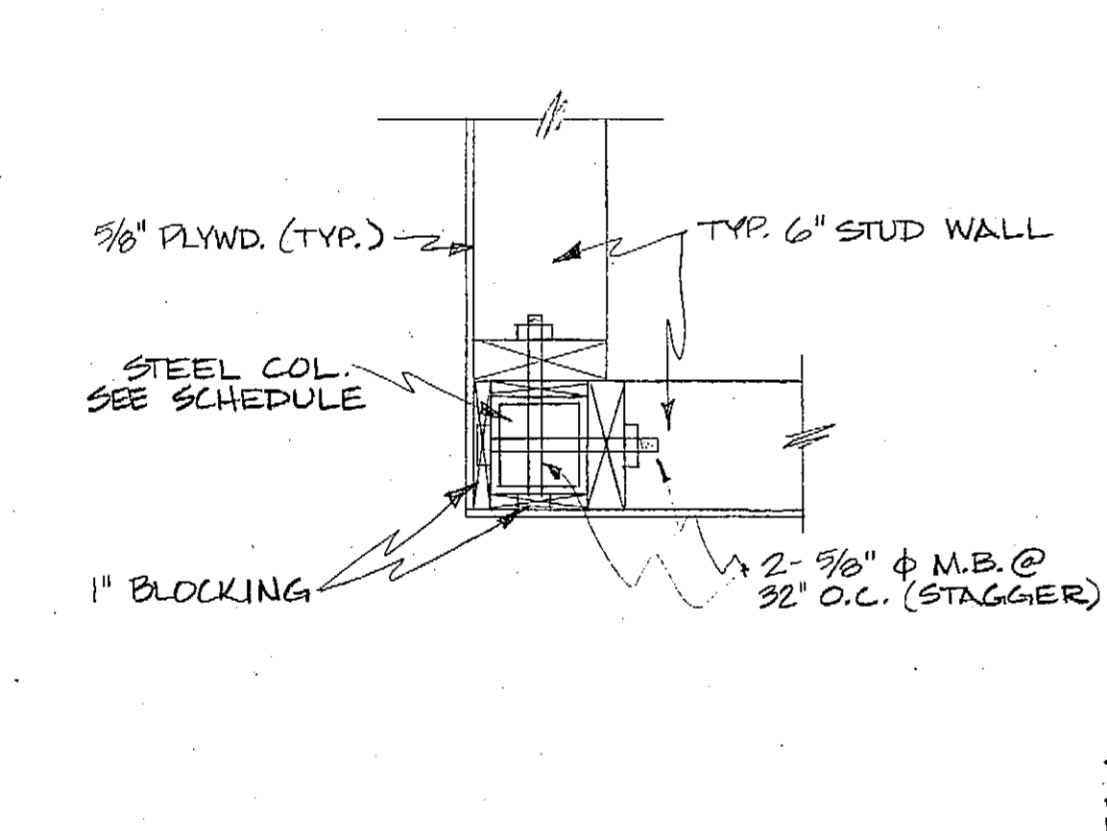
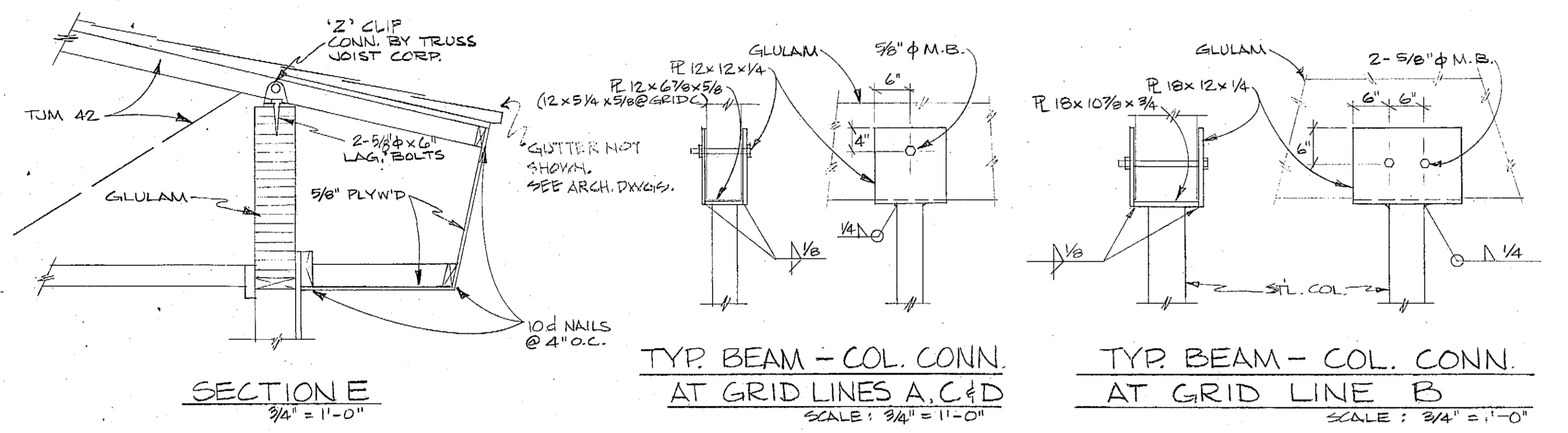
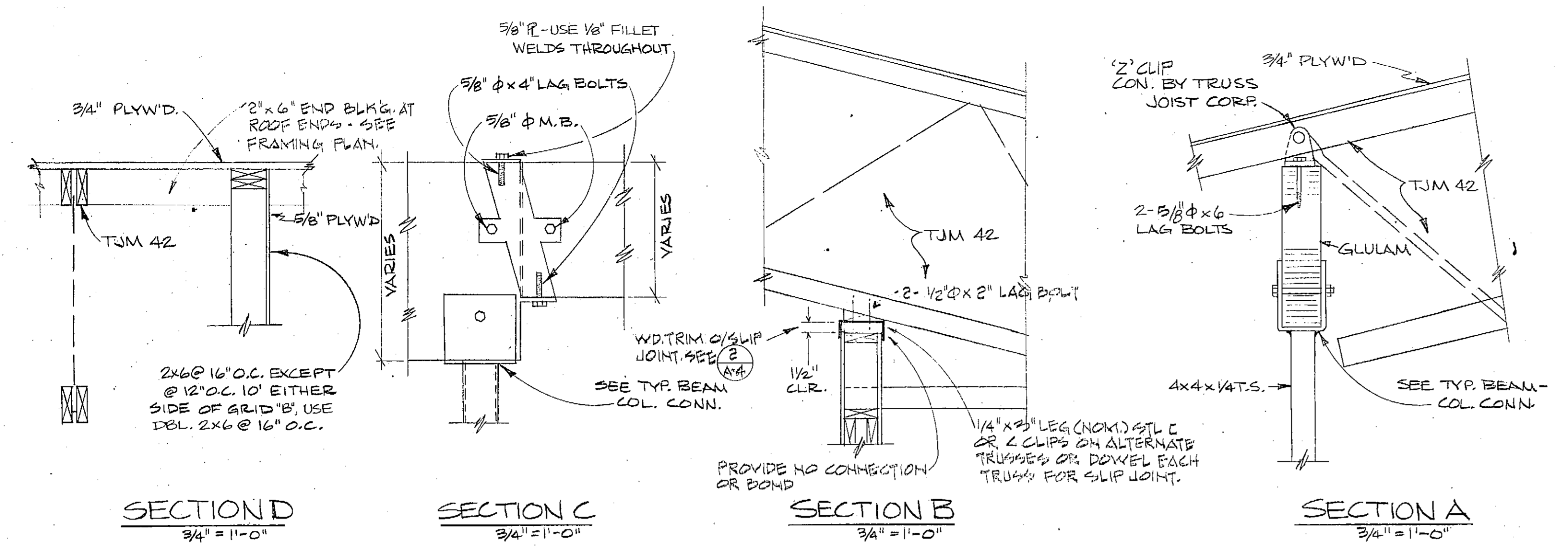
**FOOTING SCHEDULE**

FTG.	SIZE	REINF.
A	3'-0" SQ. x 10"	3 #5 E.W.
B	4'-0" SQ. x 12"	5 #5 E.W.
C	2'-0" SQ. x 10"	4 #4 E.W.
D	3'-0" SQ. x 14"	3 #5 E.W.

NOTES: 1. ELIMINATE FOOTING 3-C IF ALTERNATE #1 IS ACCEPTED.  
2. ELIMINATE FOOTINGS 2-A & 2-B IF ALT. #1 IS NOT ACCEPTED.

- DESIGN DATA NOTES:**
- SAFE SOIL BEARING PRESSURE 2000 PSF
  - CONCRETE STRESS  $f_c = 3000$  P @ 28 DAYS
  - ROOF LIVE LOAD 67 PSF (SNOW)
  - WIND LOAD 30 PSF
  - ALLOWABLE ROOF DEFL.  $L/240$
  - ALLOWABLE CAMBER  $1/2$  X DEAD LOAD DEFL.
  - GLU-LAM BEAM  $F_b \geq 2200$  PSI
  - LAP ALL REINFORCING 32 DIAMETERS UNLESS DETAILED OTHERWISE.

**NOTE:**  
PROVIDE EXPANSION JOINTS AS APPROVED BY CONTRACTING AGENCY IN ACCORDANCE WITH DETAIL 7.



GRID LOC.	COLUMN SIZE	REMARKS
6A	TS 4x4x1/4	*1.
5A	do	*1.
4A	do	
3A	do	
2A	do	*2. INCLUDE ONLY IF ALT.#1 IS ACCEPTED
6B	TS 5x5x1/4	*1.
5B	TS 6x6x1/4	
4B	do	
3B	TS 5x5x1/4	*1. USE 6x6x1/4 IF ALT.#1 IS ACCEPTED
2B	do	*1. #2.
3C	TS 4x4x1/4	ELIMINATE IF ALT.#1 IS ACCEPTED *1.
2C	do	*1. #2.
1C	do	
6D	do	*1.
5D	do	*1.
4D	do	
3D	do	
2D	do	
1D	do	

TOTAL WALL HEIGHT	OPENING WIDTH	CONT. FRAMING AT EACH SIDE
8' TO 15'	0' TO 4'	2 - 2x6
8' TO 15'	4' TO 7'	3 - 2x6
15' +	0' TO 4'	3 - 2x6
15' +	4' TO 7'	4 - 2x6

NOTES:  
 1. MINIMUM NAILING SHALL BE (2-12d NAILS @ 24" O.C.).  
 2. FRAMING ARRANGEMENTS RESULTING IN CONCENTRATED LOADS SHALL BE PROVIDED WITH APPROVED CONNECTORS.

NOTES: \*1. ENCLOSED IN STUD WALL.  
 \*2. INCLUDE ONLY IF ALT.#1 IS ACCEPTED.

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FRAMING PLAN & DETAILS

DATE: \_\_\_\_\_  
 DRAWN: J. SIMMS  
 CHECKED: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 DATE: JULY, 1981  
 SHEET NO. 5-2 OF 2 SHEETS

*John W. Henry*