



Ferndale Senior Activity Center

FERNDALÉ , WASHINGTON

WHATCOM COUNTY PARKS

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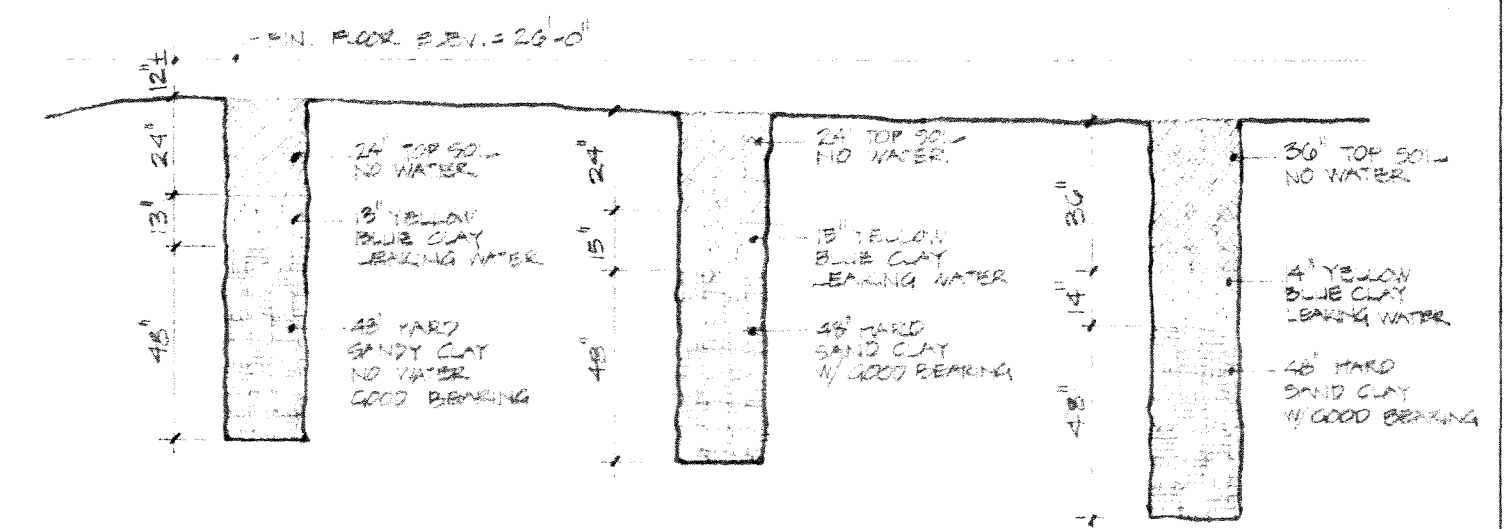
CITY OF FERNDALÉ

MAYOR CECIL BARR

ENGINEERS

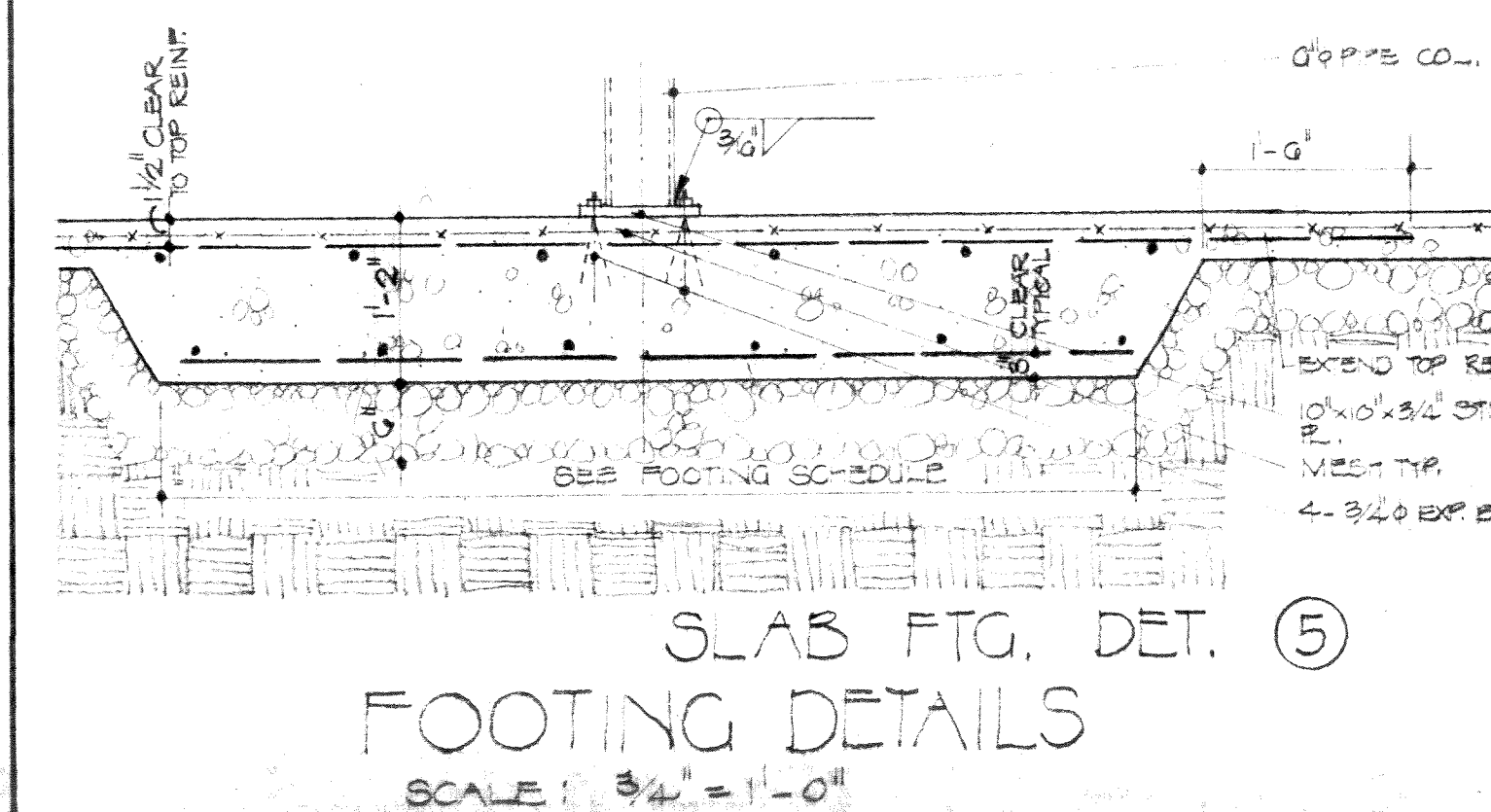
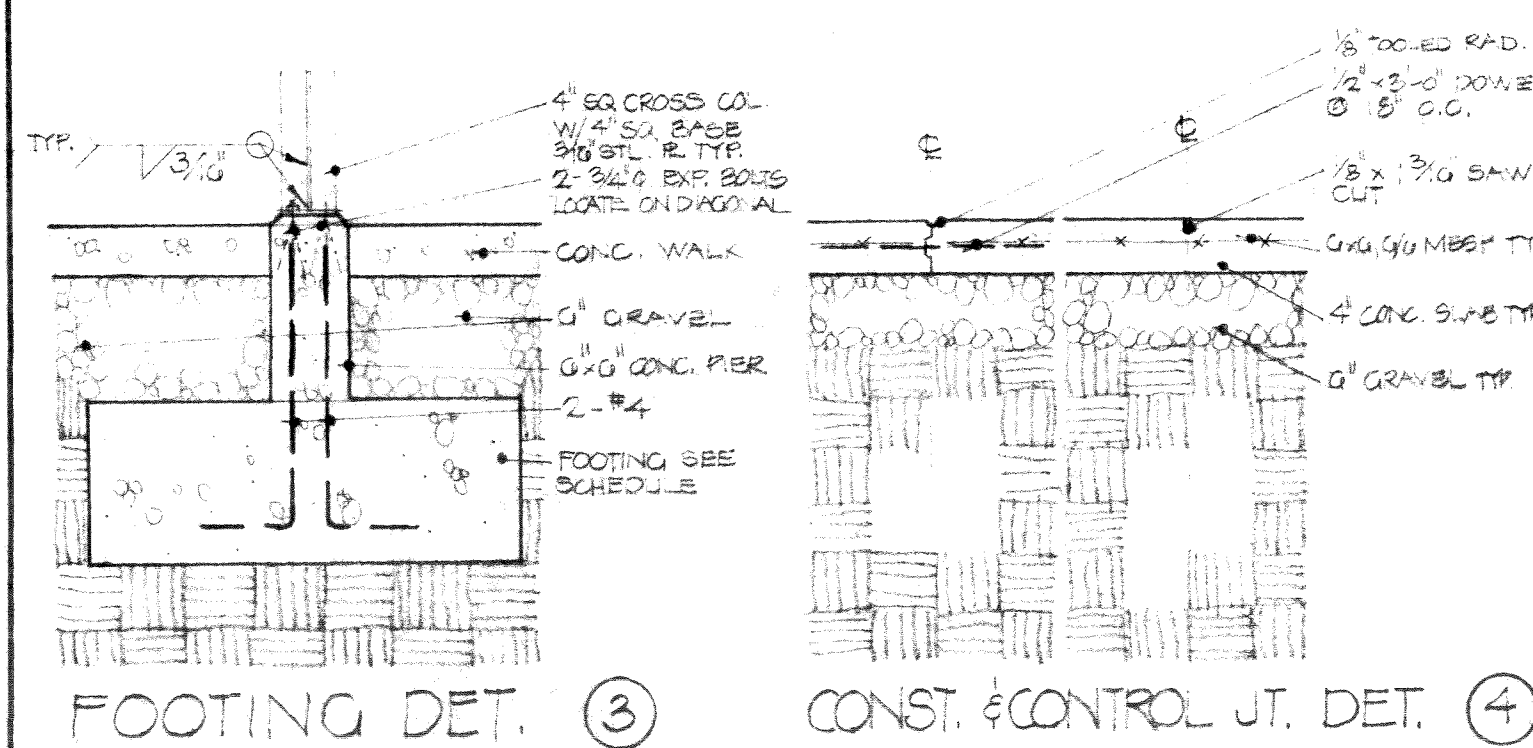
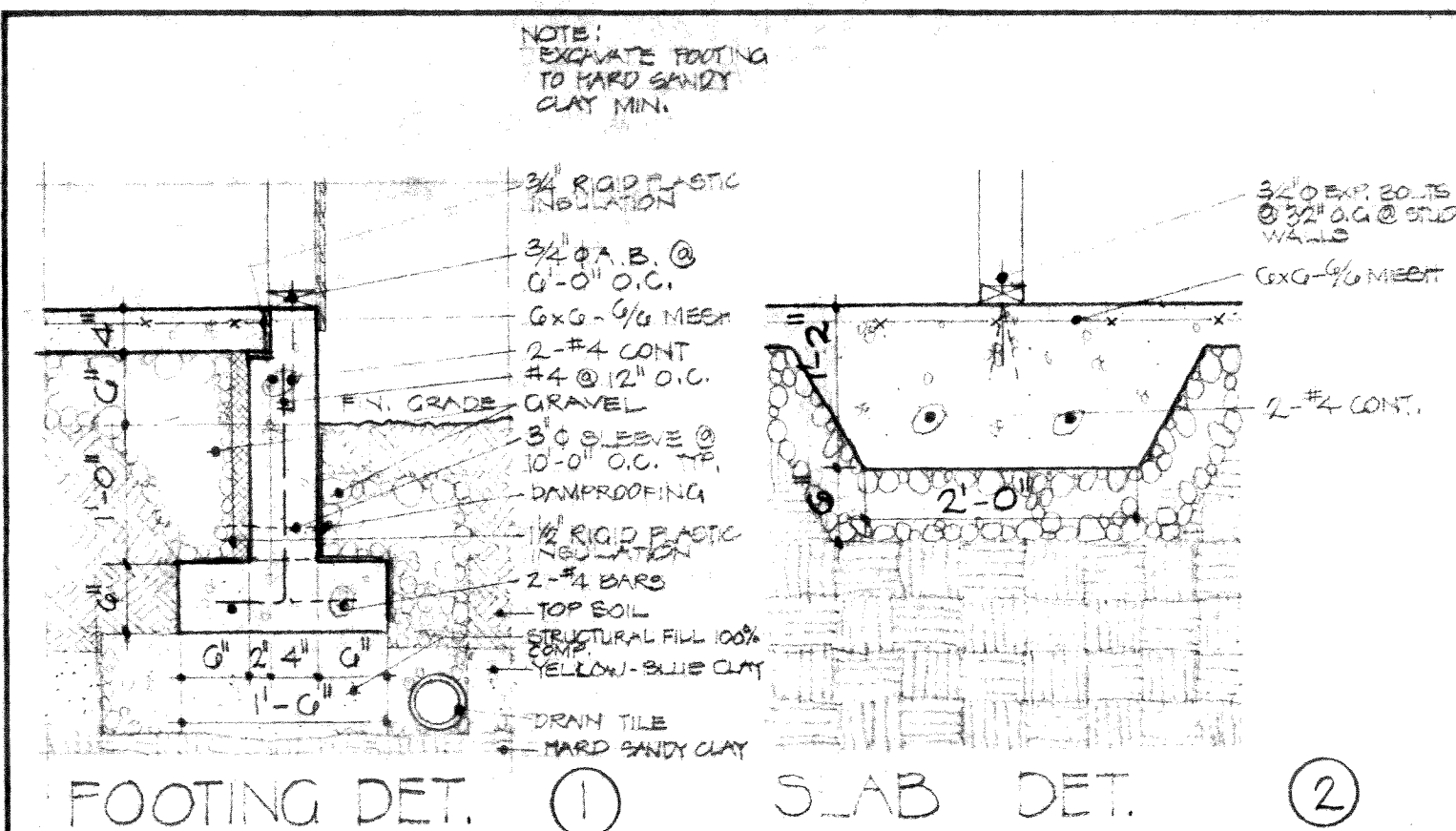
JOHN GRIFFIN - STRUCT.
ALEX HARGIS - MECH. & ELEC.

RECEIVED
MAY 6 1974
TOWN OF FERNDALÉ
Ferndale, Wash. 98248
By _____



INDEX

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GENERAL STRUCTURAL NOTES

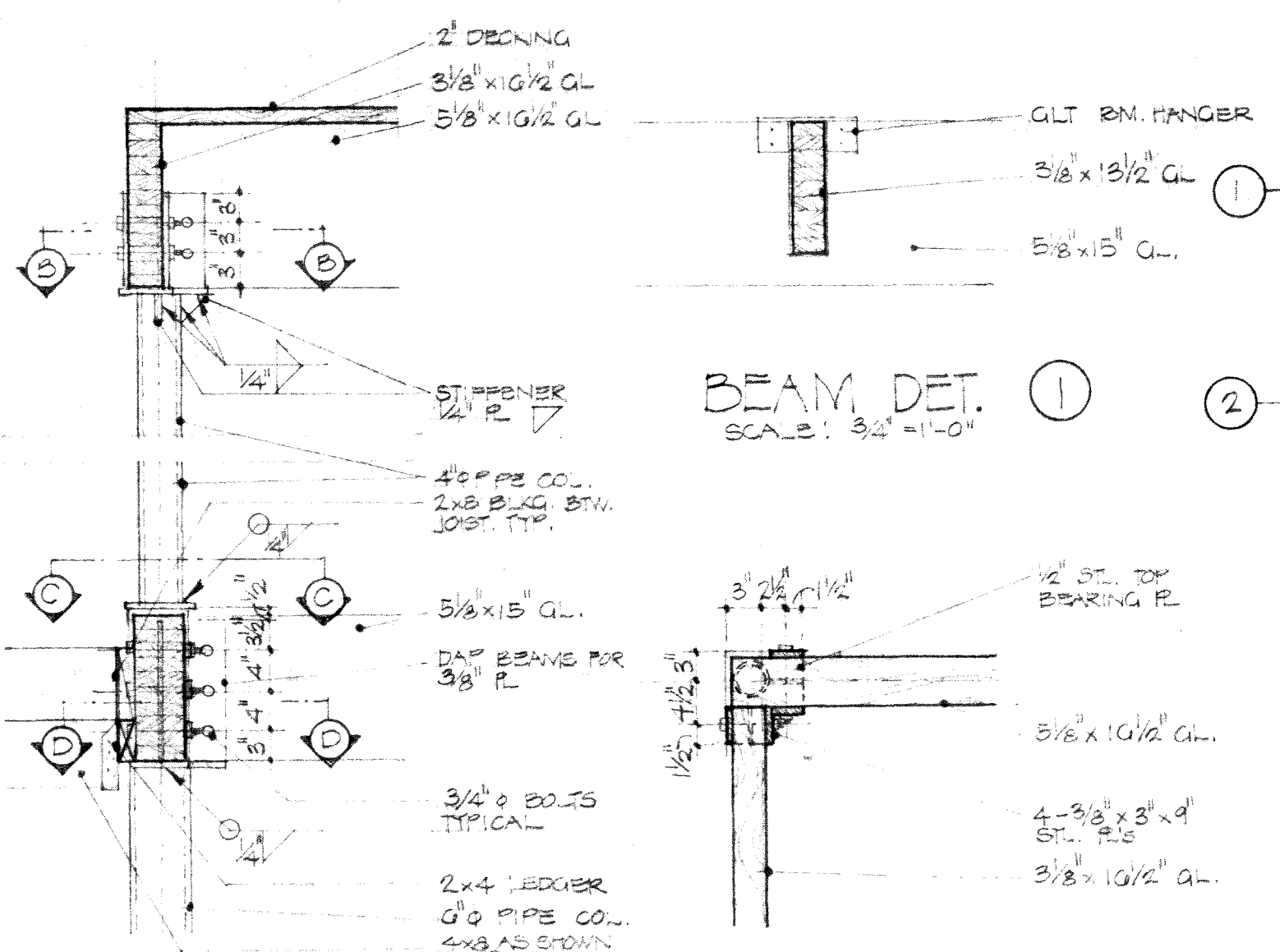
1. Structural design is in accordance with 1933 edition A.C.I.
2. Loads: Roof live load = 25 PSF
Wind Load = 20 PSF
Seismic Zone 3
Allowable Soil bearing = 500 PSF
3. Timber: Roof joists - Douglas Fir, $F_b = F_c = 1.50$ PSI
GIR-IAM Beams - Douglas Fir, Com. $F_b = 2400$ PSI
2" Decking - Commercial, $F_b = 1450$ PSI
Note Shorter span roof joists (12'-0" and less) may be 2" Douglas Fir, $F_b = 1450$ PSI
4. Concrete slab and footings to be 5- $\frac{3}{4}$ sack mix with minimum $f'_c = 3000$ PSI.
Reinforcing steel to be Grade 60, A-615. Mesh shall be ASTM A-185, ($F_y = 60,000$ PSI).
5. All footings and slabs to be on firm undisturbed soil or on compacted granular fill. Compact to 97% MODIFIED Proctor in maximum of 8' lifts.
6. Pipe columns and miscellaneous steel shall be A-36. All welding by certified welders. All bolts shall be A-307. Provide washers for all connections to timber beams. Provide machine bolts, and joist and beam hardware as indicated on the drawings. All Exterior Metal Plates and Bolts to be galvanized.
7. Provide standard plywood sheathing to walls and roof as shown on structural drawings. Nail wall and roof sheathing at 4" o.c. at panel edges, 12" o.c. at intermediate supports; all other nailing shall conform to U.B.C.
8. Submit complete shop drawings for GIR-IAM Beams, connection plates and columns, and reinforcing steel.

FOOTING SCHEDULE			
TYPE	FOOTING SIZE	FOOTING REIN.	REMARKS
A	2'-0" x 2'-0" x 1'-0"	3-#4 EW, T & B	
B	3'-0" x 3'-0" x 1'-2"	3-#4 EW, T & B	
C	4'-0" x 4'-0" x 1'-2"	4-#4 EW.	
D	6'-0" x 3'-0" x 1'-2"	3-#4 T & B - LONG 3-#4 EW - SHORT	
E	7'-0" x 7'-0" x 1'-2"	4-#6 EW, T & B	SEE SECT A
F	8'-0" x 3'-0" x 1'-2"	8-#6 EW, T & B	

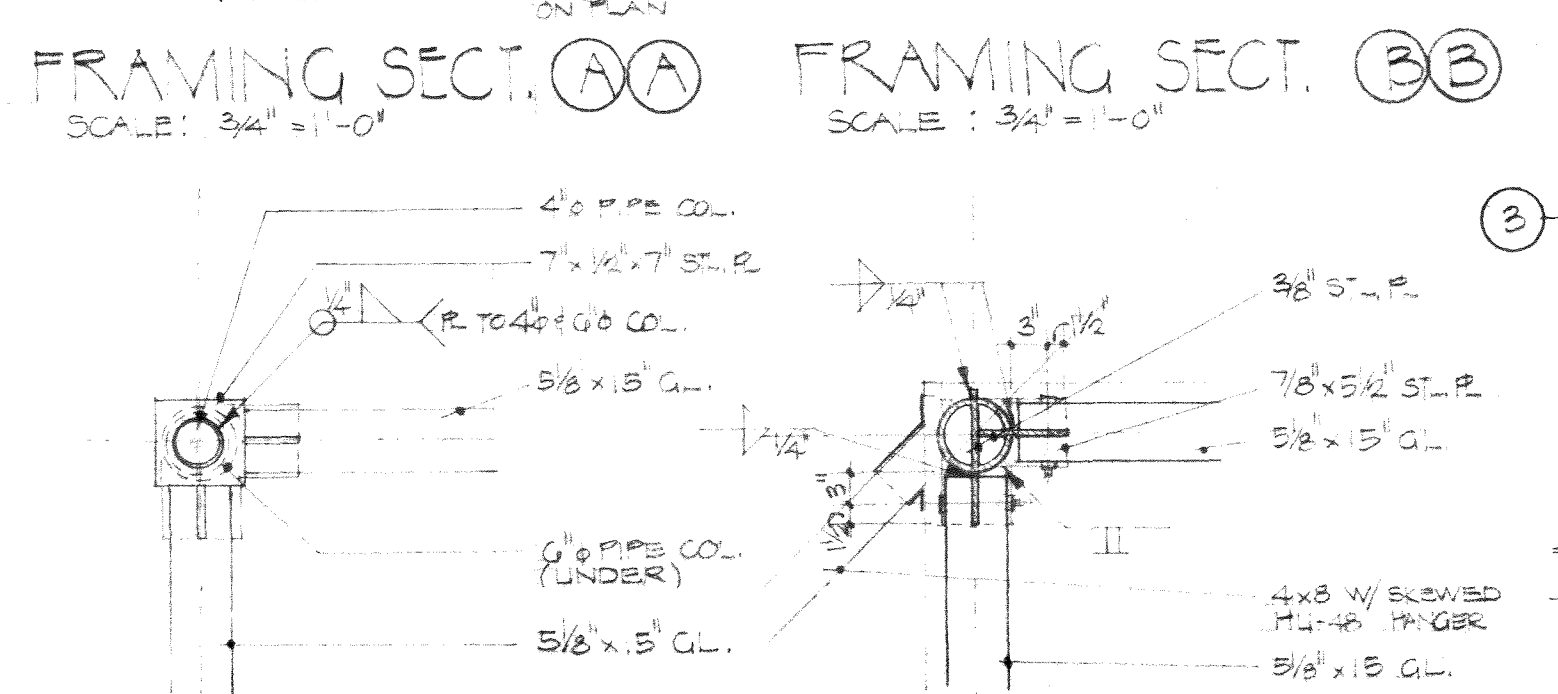
NOTE: AT ALL THICKENED SLAB FOOTINGS, EXTEND TOP REINFORCING INTO SLAB AS SHOWN IN SECTION A
T&B - TOP AND BOTTOM

FOUNDATION PLAN
SCALE: $1/4" = 1'-0"$

5/3/74 - Grading for foundation began (C)

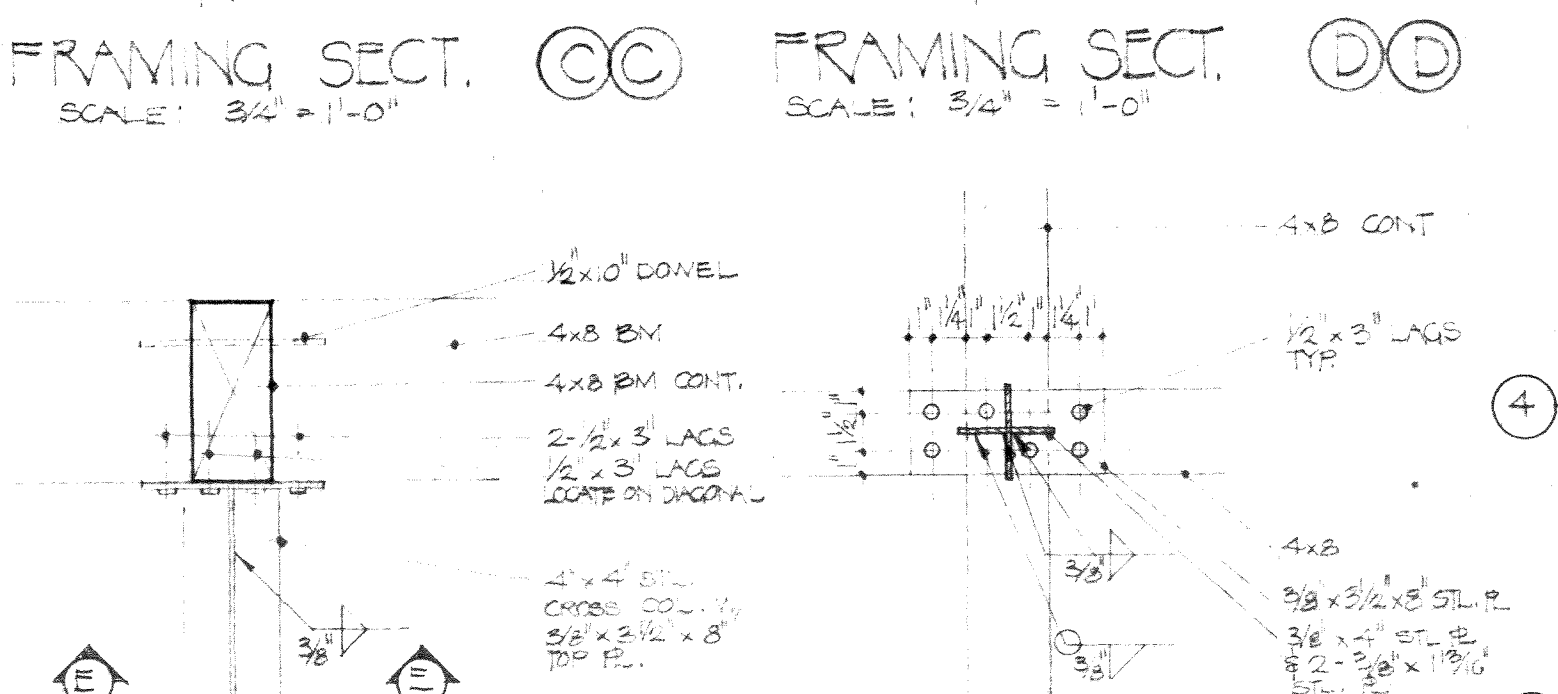


BEAM DET. 1
SCALE: 3/4" = 1'-0"



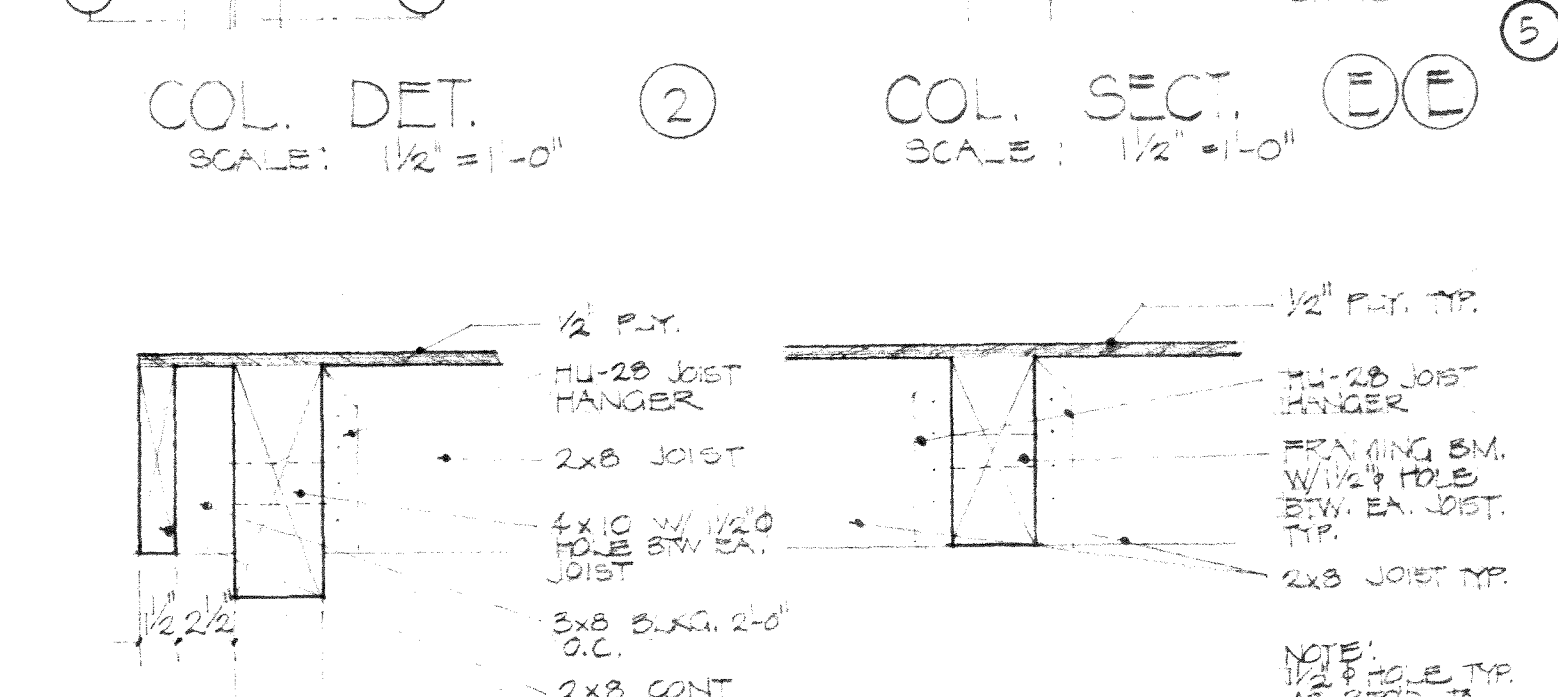
FRAMING SECT. AA
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FRAMING SECT. BB
SCALE: 3/4" = 1'-0"



FRAMING SECT. CC
SCALE: 3/4" = 1'-0"

FRAMING SECT. DD
SCALE: 3/4" = 1'-0"



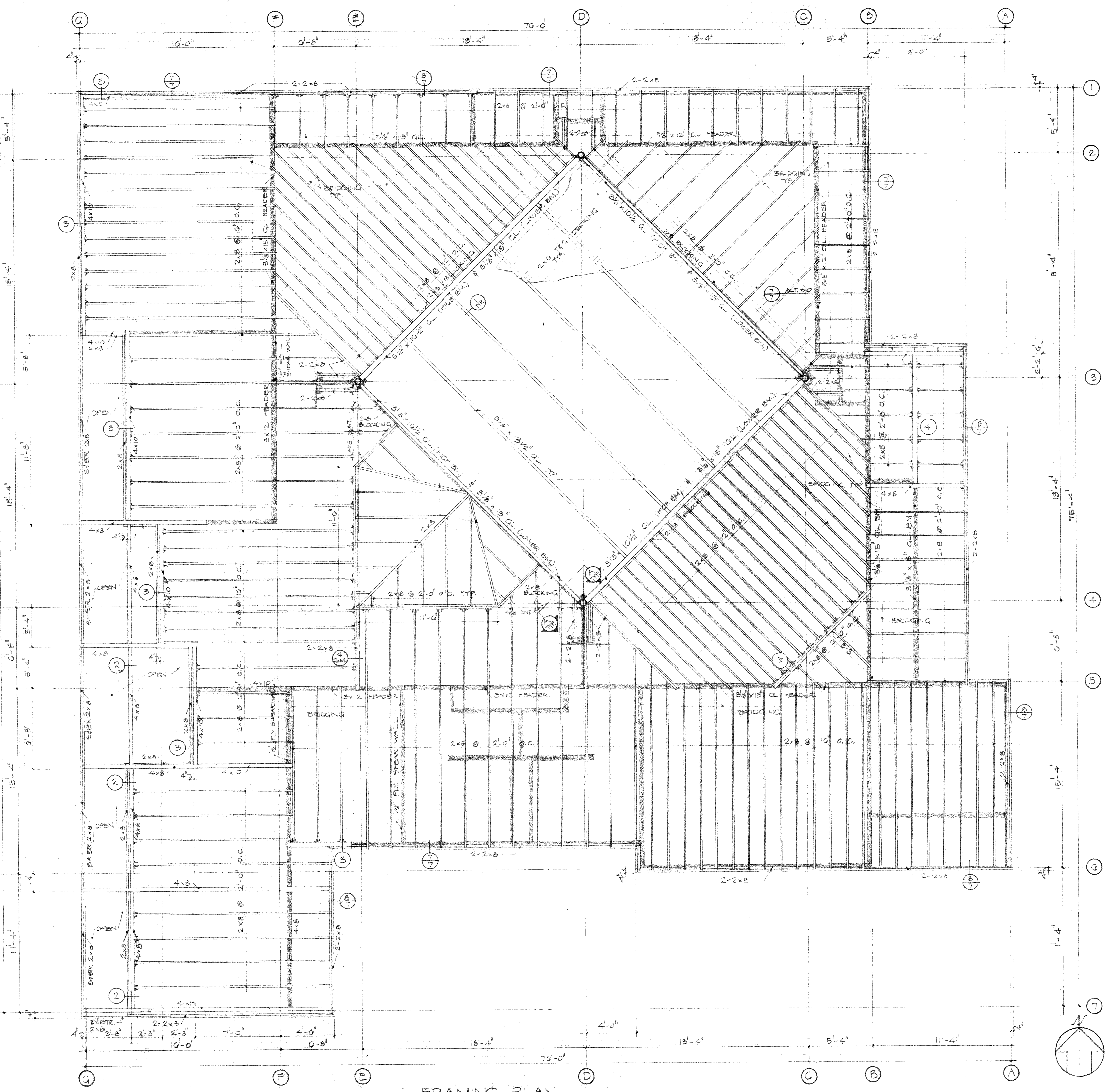
COL. DET. 2
SCALE: 1/2" = 1'-0"

COL. DET. 3
SCALE: 1/2" = 1'-0"



FRAMING DET. 3
SCALE: 1/2" = 1'-0"

FRAMING DET. 4
SCALE: 1/2" = 1'-0"



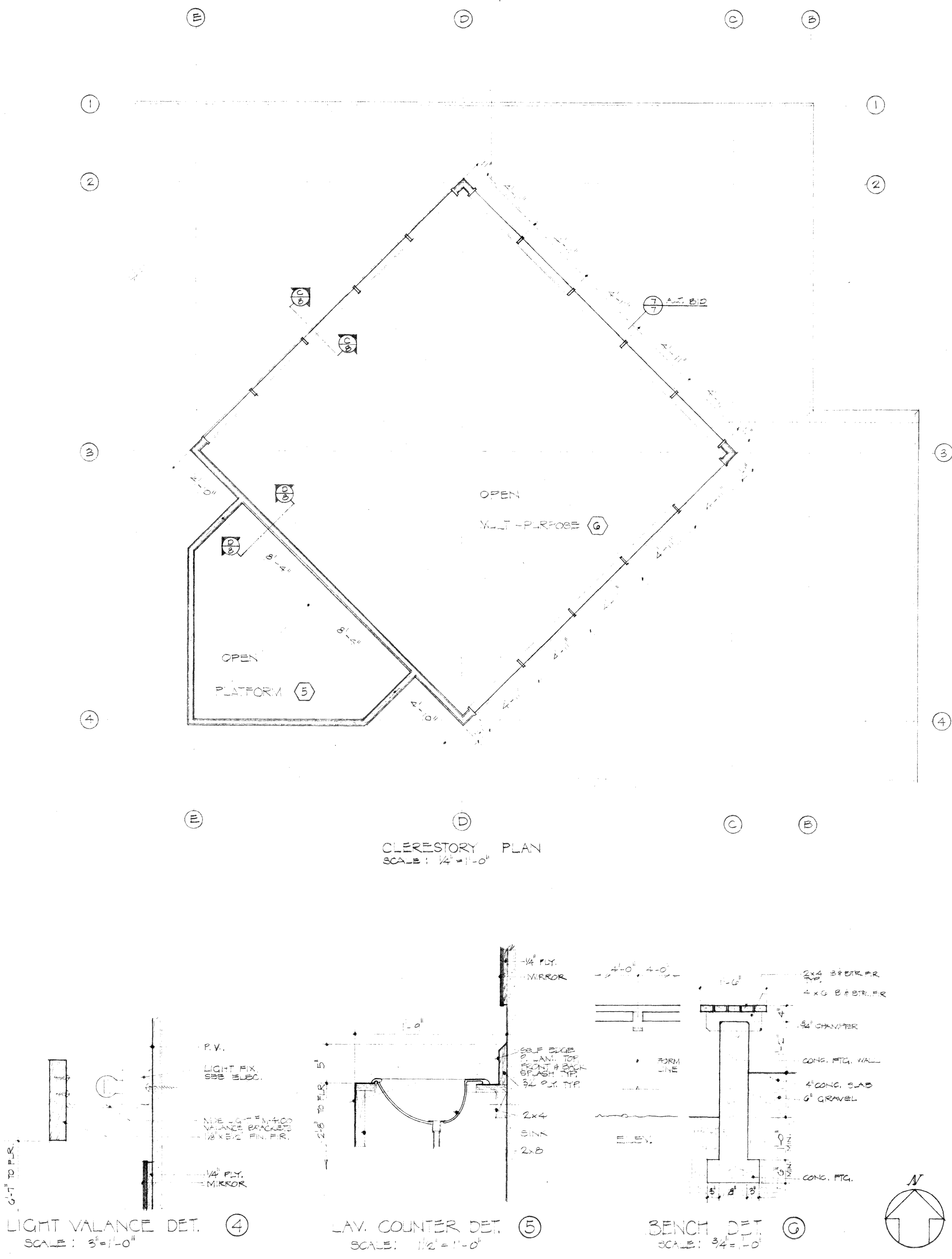
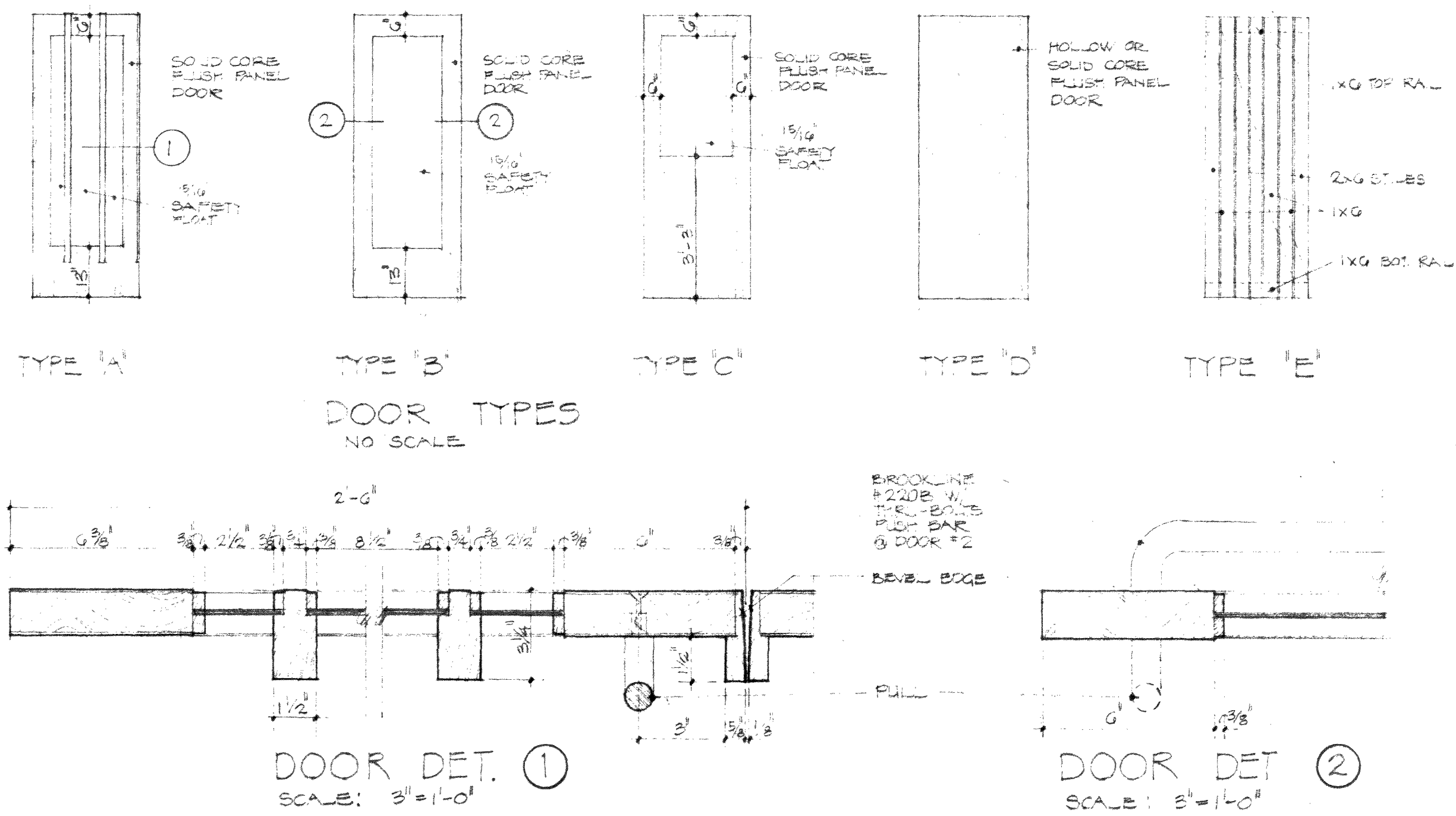
FRAMING PLAN
SCALE: 1/4" = 1'-0"

Job No. 292-D	Project Title: FERNDALE SENIOR ACTIVITY CENTER FERNDALE, WASHINGTON	Owner: WHATCOM COUNTY PARKS 3373 MT. BAKER HIGHWAY BELLINGHAM, WASHINGTON	Sheet No. 3 OF TEN
Project Title: FERNDALE SENIOR ACTIVITY CENTER FERNDALE, WASHINGTON Owner: WHATCOM COUNTY PARKS 3373 MT. BAKER HIGHWAY BELLINGHAM, WASHINGTON		Architect: HENRY KLEIN AND ASSOCIATES, ARCHITECTS 205 MATHESON BUILDING MOUNT VERNON, WA. 98273 Date: 12-08-08 AM Drawn: J.W. MCGLINN Traced: HENRY K. KLEIN Checked: H. KLEIN Date: 3-11-74	Sheet Contents: FRAMING PLAN Approvals:

DOOR SCHEDULE													
DOOR NO.	SIZE	TYPE	CONST.	MAT.	FIN.	FRAME		DETAILS *			HWN. GP.	REMARKS	
						MAT.	FIN.	HEAD	JAMBS	THRESH.			
1	1 PR. - 2'-0" x 6'-8" x 1 3/4"	A	SOLID CORE	BIRCH	STN.	BIRCH	STN.	3/8"	11	8	1	MOUNT DET. #4	
2	1 PR. - 2'-0" x 6'-8" x 1 3/4"	B	"	"	"	P.R.	"	3/8"	10	-	2		
3	2 1/2 PR. - 2'-0" x 6'-8" x 1 3/4"	D	HOLLOW CORE	"	"	"	"	6	7	-	3	ALTERNATE BID	
4	3'-0" x 6'-8" x 1 3/4"	D	SOLID CORE	"	"	"	"	10	10	-	4		
5	2'-0" x 6'-8" x 1 3/4"	C	"	"	"	"	"	3/8"	11	8	5		
6	3 1/2 PR. - 2'-0" x 6'-8" x 1 3/4"	D	HOLLOW CORE	"	"	"	"	6	7	-	3	ALTERNATE BID	
7	3'-0" x 6'-8" x 1 3/4"	B	SOLID CORE	"	"	"	"	1/2"	11	8	6		
8	2 PR. - 1'-0" x 6'-8" x 1 3/4"	D	HOLLOW CORE	"	"	"	"	6	7	-	3	ALTERNATE BID	
9	2'-8" x 6'-8" x 1 3/4"	E	STL.	P.R.	"	"	"	9	9	-	7		
10	4 PR. - 2'-0" x 6'-8" x 1 3/4"	D	HOLLOW CORE	BIRCH	"	"	"	6	7	-	3	ALTERNATE BID	
11	4 PR. - 2'-0" x 6'-8" x 1 3/4"	D	"	"	"	"	"	6	7	-	3	ALTERNATE BID	
12	1'-0" x 6'-8" x 1 3/4"	D	"	"	"	"	"	10	10	-	11		
13	3'-0" x 6'-8" x 1 3/4"	B	SOLID CORE	"	"	"	"	1/2"	11	8	6	SWING REVERSED UNDER ALT. BID	
14	3'-0" x 6'-8" x 1 3/4"	D	"	"	"	"	"	10	10	-	8		
15	3'-0" x 6'-8" x 1 3/4"	D	"	"	"	"	"	10	10	-	9		
16	3'-0" x 6'-8" x 1 3/4"	C	"	"	"	"	"	11	11	8	5		
17	3'-0" x 6'-8" x 1 3/4"	D	"	"	"	"	"	10	10	-	4		
18	2'-8" x 6'-8" x 1 3/4"	D	"	"	"	"	"	10	10	-	10		
19	2'-8" x 6'-8" x 1 3/4"	D	"	"	"	"	"	10	10	-	10		
20	2'-8" x 6'-8" x 1 3/4"	D	"	"	"	"	"	10	10	-	8		

* SEE SH. #6 FOR DOOR DETAILS

ROOM FINISH SCHEDULE												
ROOM NO.	ROOM NAME	FLOOR		BASE		WALLS		CEILING		TRIM		REMARKS
		MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	
1	ENTRY	MAT.	-	P.R.	P.R.	P.V.	-	P.V.	-	P.R.	STN.	
2	LOBBY	MAT.	-	-	-	-	-	-	-	-	-	
3	SMALL ROOM	-	-	-	-	-	-	-	-	-	-	
4	POOL ROOM	-	-	-	-	-	-	-	-	-	-	
5	PLATFORM	OAK	-	-	-	-	-	HBM.	STN.	-	-	FOR WALLS SEE CAB. & CAB. FIN.
6	MULTI-PURPOSE	OAK	VAT.	-	-	P.V.	-	P.V.	STN.	-	-	FIN. LOCK SCREEN & CLERESTORY, STAIN
7	FURNACE ROOM	CONC.	SEAL	-	-	-	-	P.V.	-	-	-	
8	KITCHEN	MAT.	MAT.	-	-	-	-	P.V.	-	-	-	
9	WOMEN	-	-	-	-	-	-	-	-	-	-	CERAMIC TILE & FLOOR, BASE & WALLS ALT. BID
10	MEN	-	-	-	-	-	-	-	-	-	-	CERAMIC TILE & FLOOR, BASE & WALLS ALT. BID
11	OFFICE	-	-	-	-	-	-	-	-	-	-	

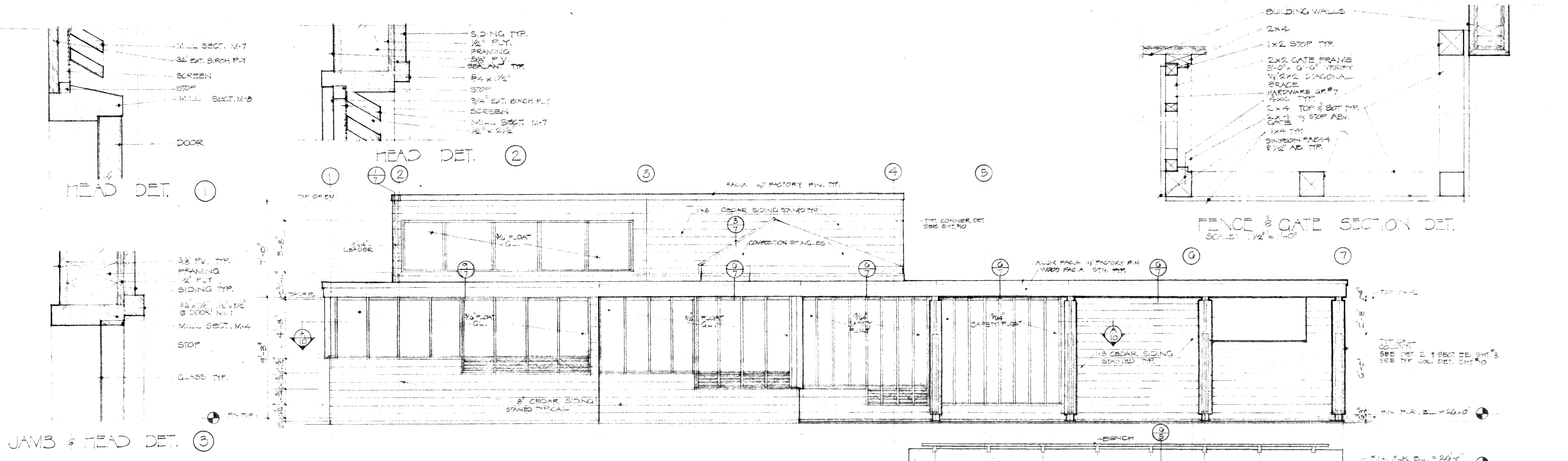


Job No.: 242-D
Project Title: FERNDALE SENIOR ACTIVITY CENTER
PERDALE, WASHINGTON
Sheet No.: 5 OF TEN

Owner: WHATCOM COUNTY PARKS
3875 MT. BAKER HIGHWAY
BELLINGHAM, WASHINGTON

Sheet Contents: SCHEDULES & CLERESTORY PLAN
Drawn: J.W. NICHOLSON
Traced: H. KLEIN
Checked: H. KLEIN
Date: 3-11-74

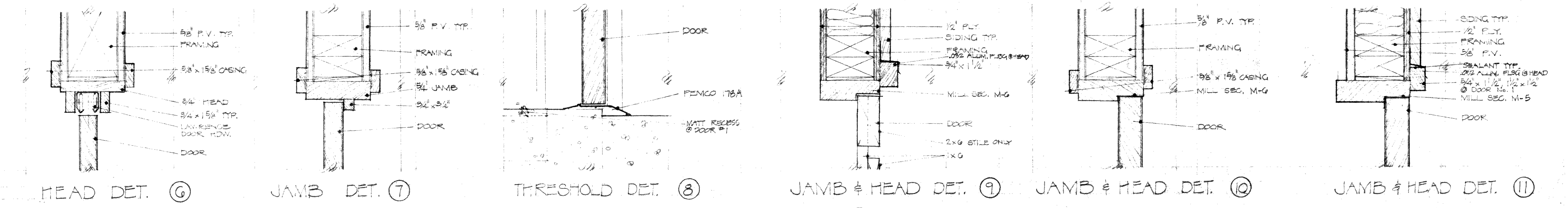
Henry Klein and Associates, Architects
205 MATHESON BUILDING
MOUNT VERNON, WA. 98273



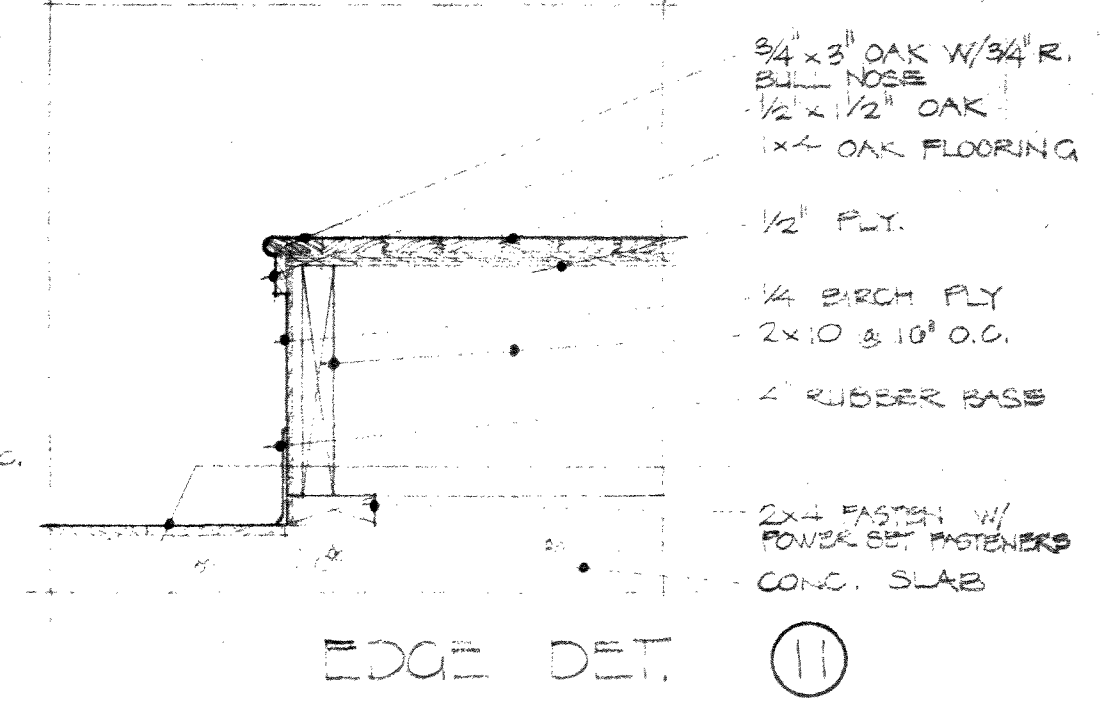
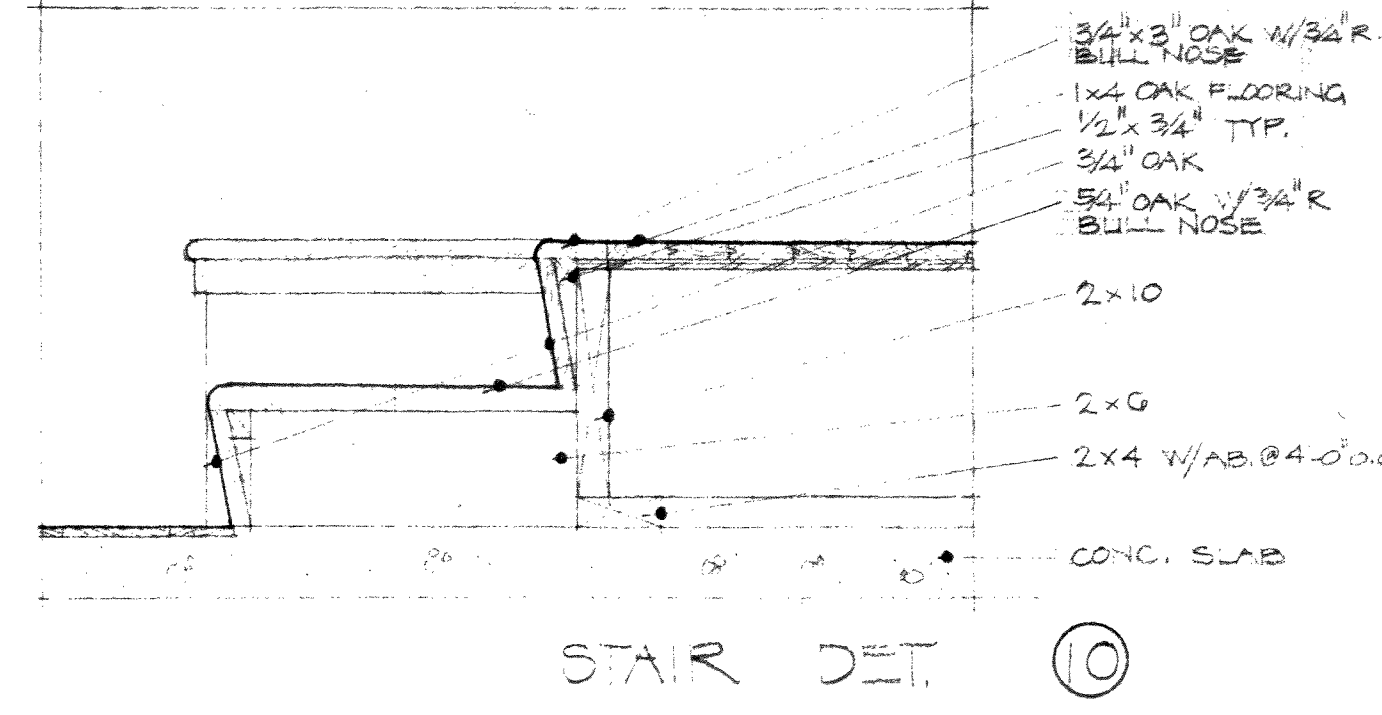
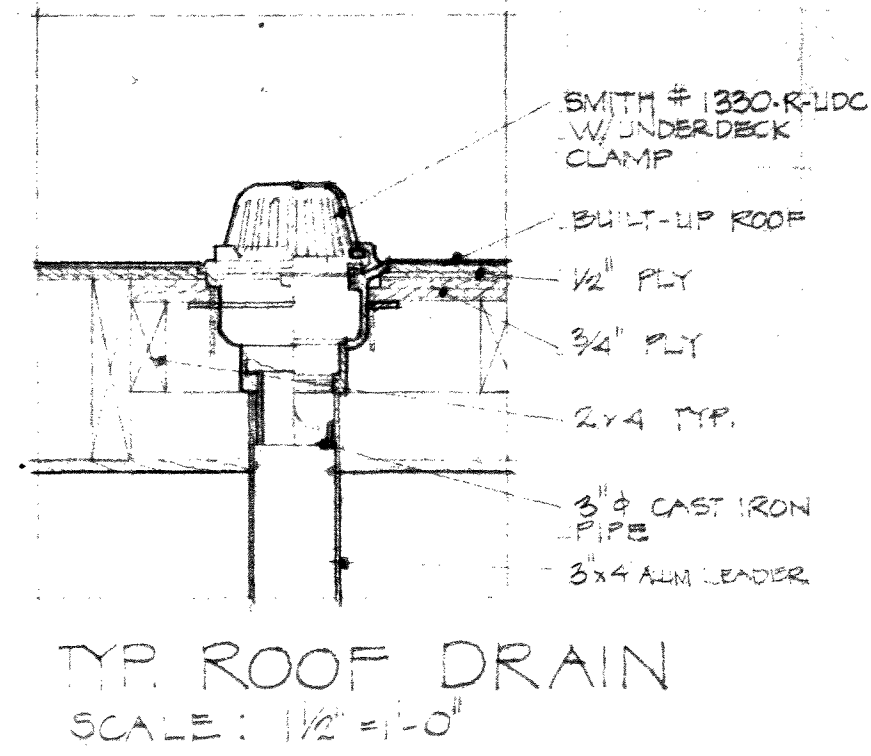
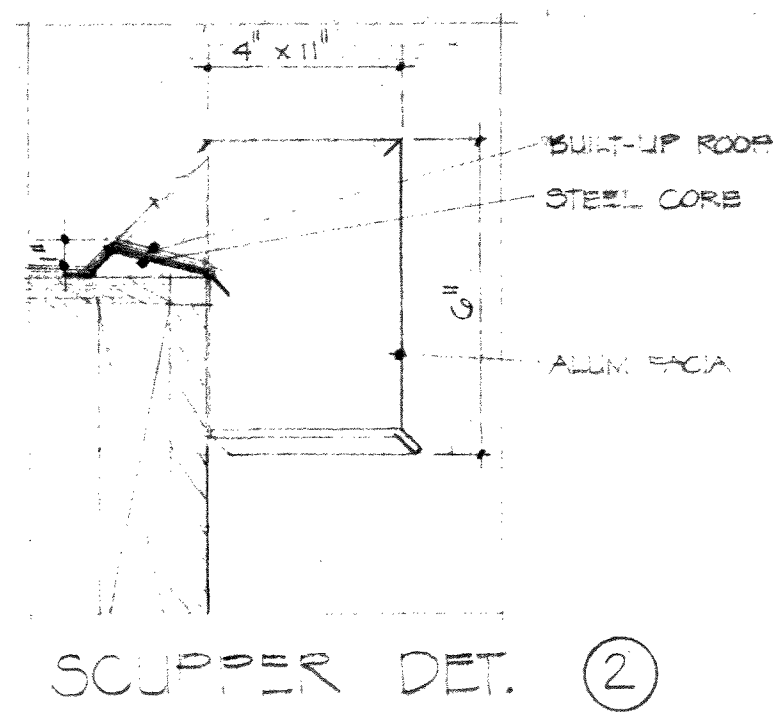
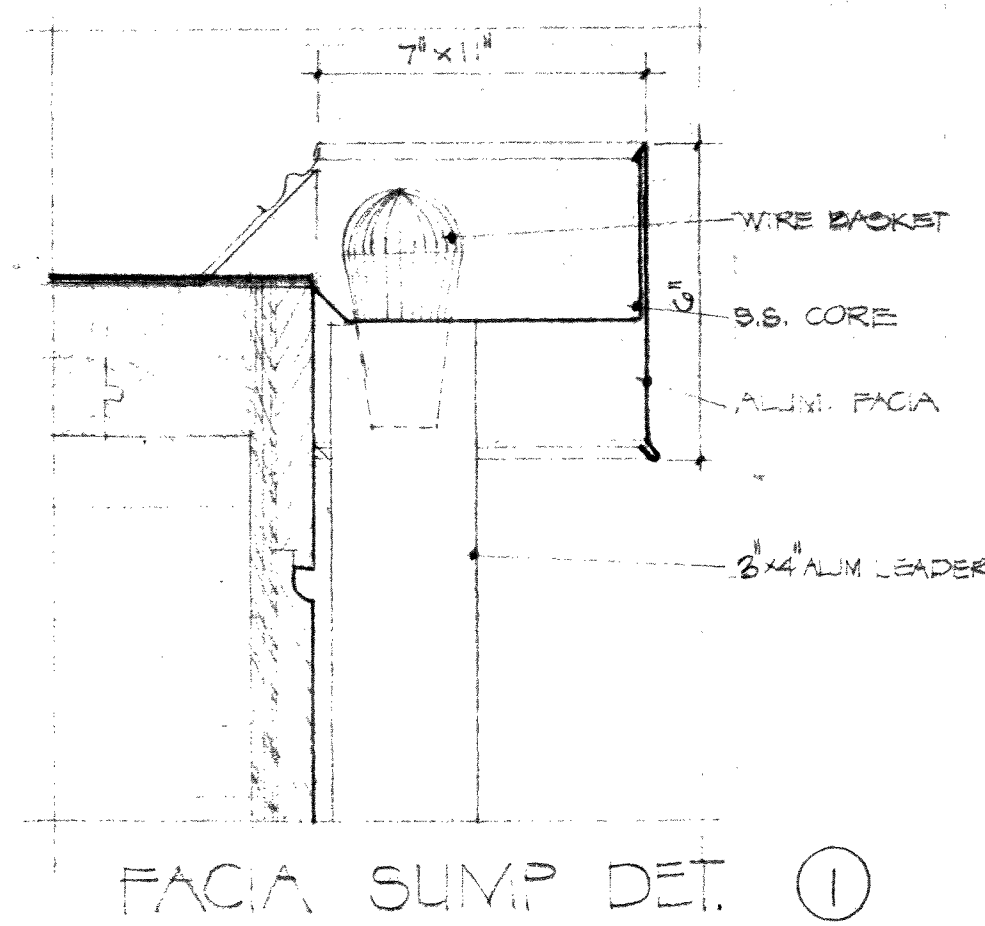
WEST ELEVATION
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SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

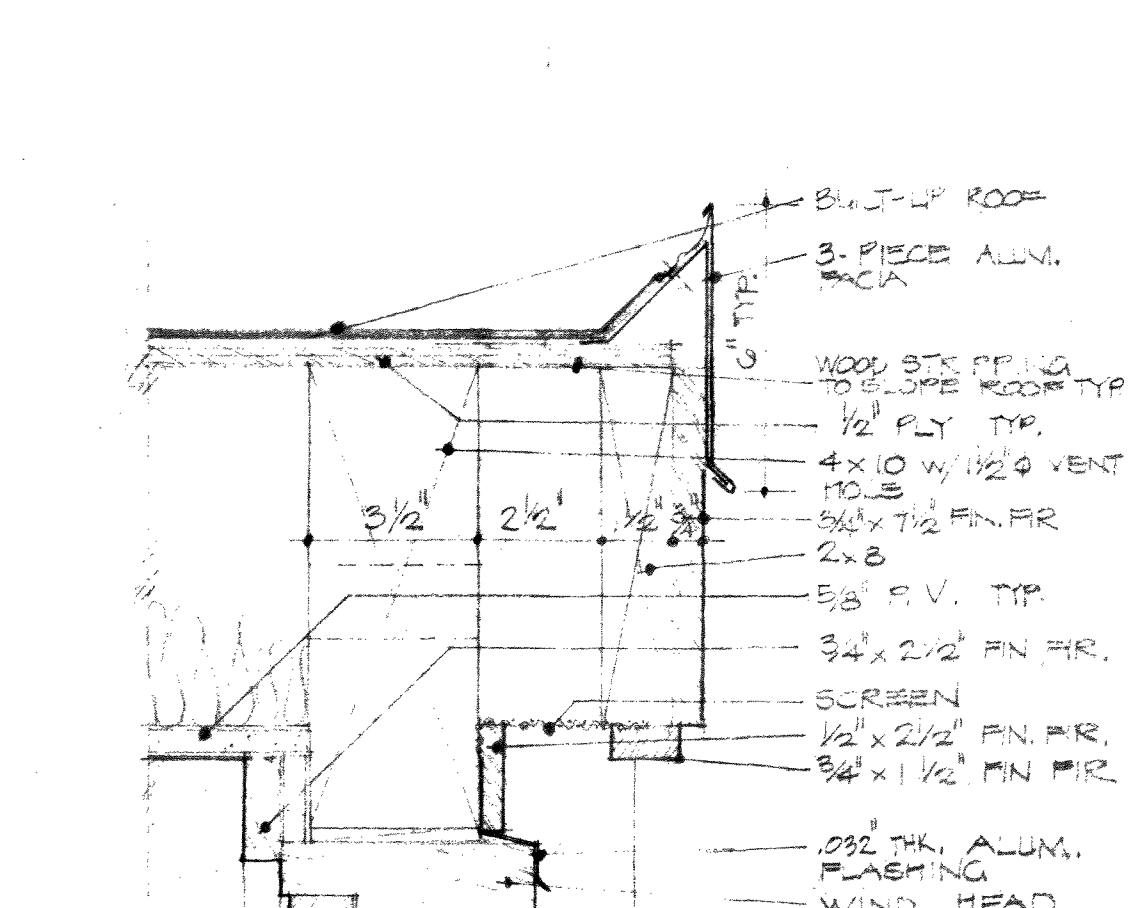
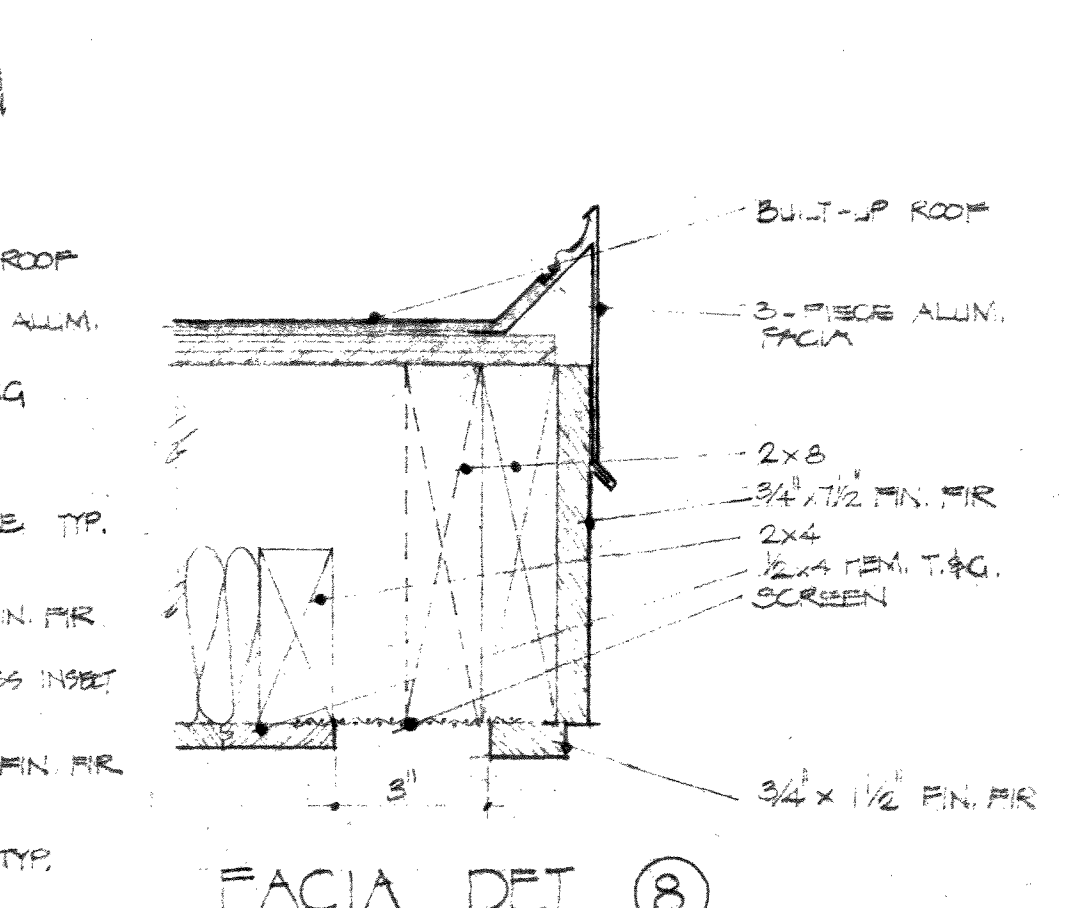
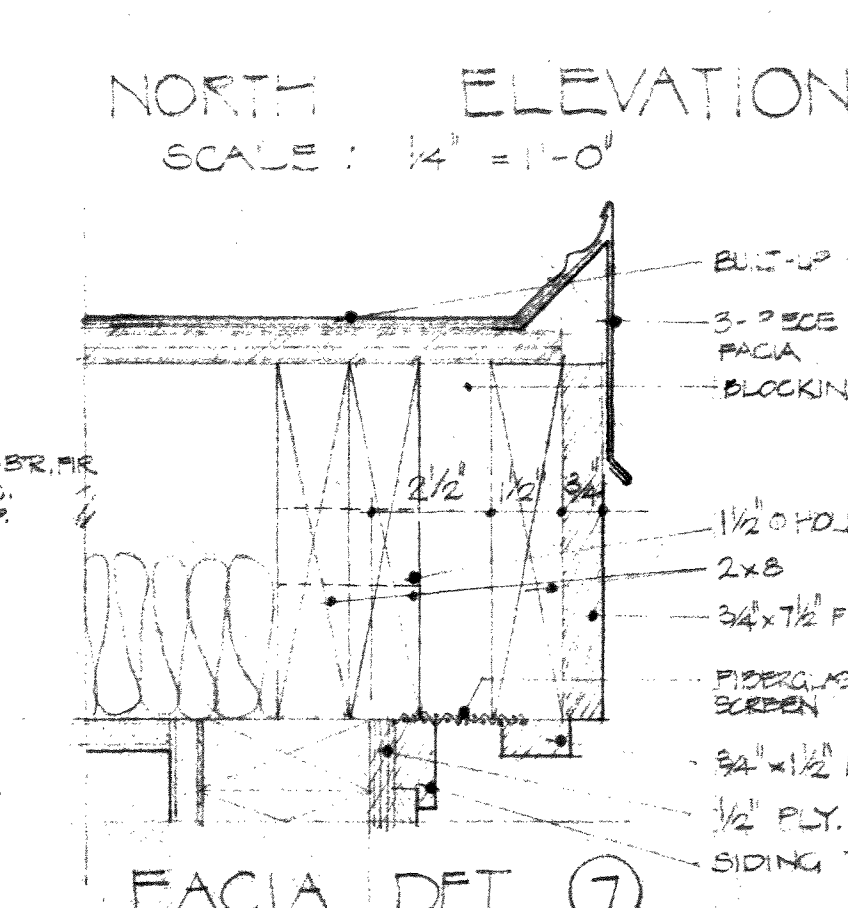
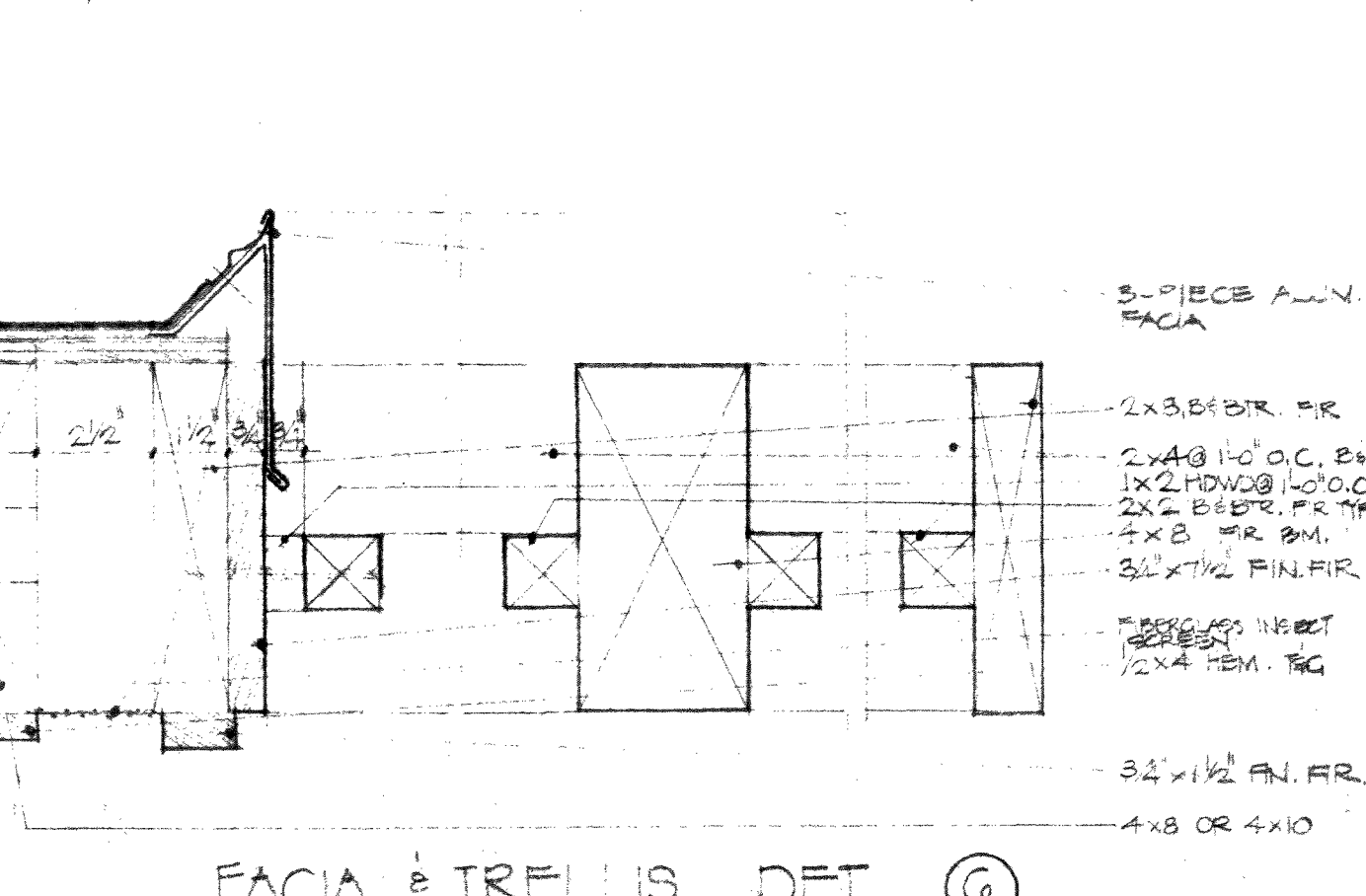
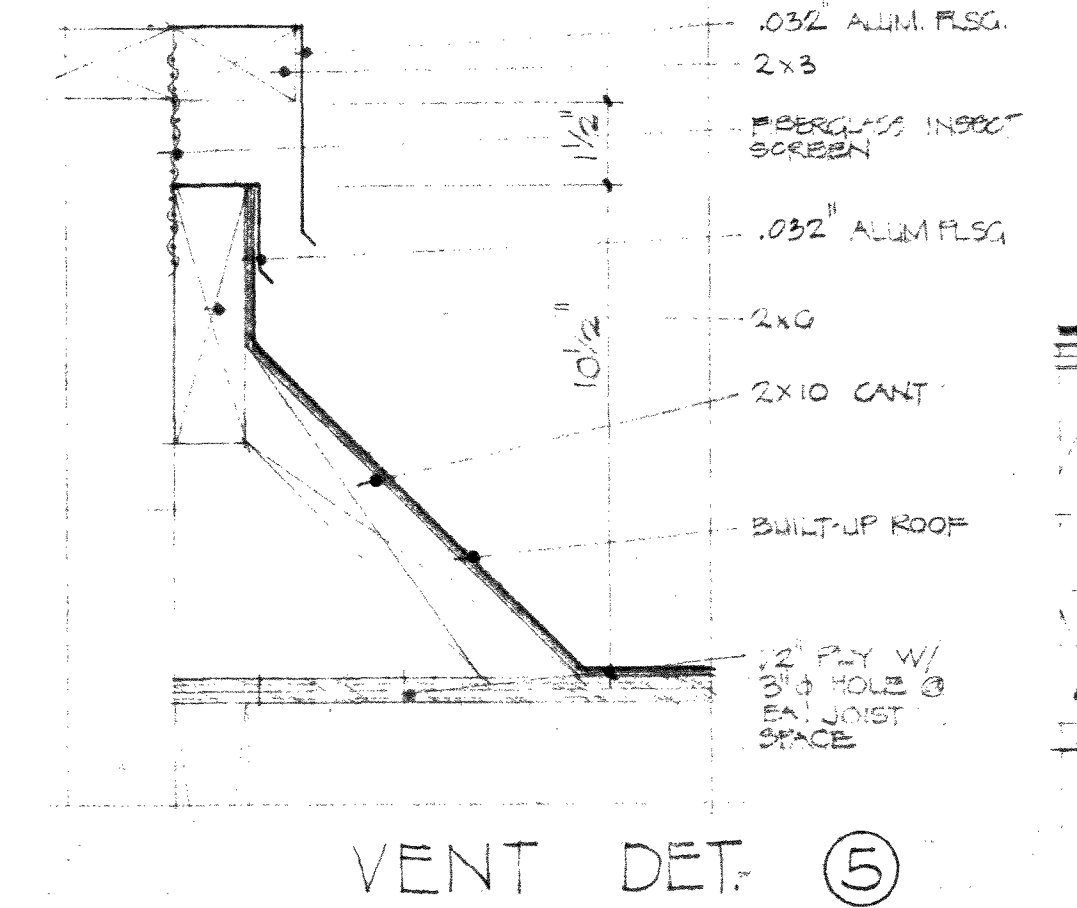
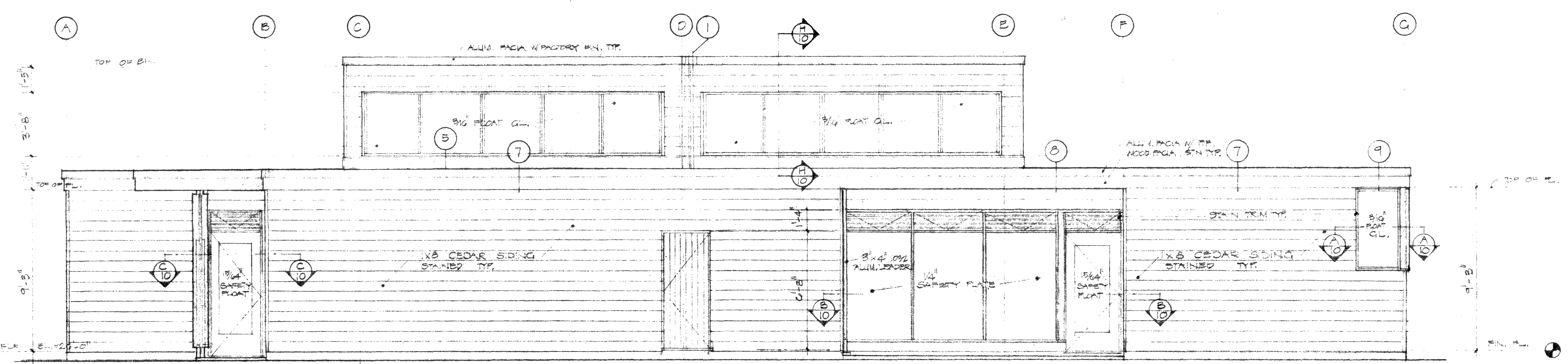
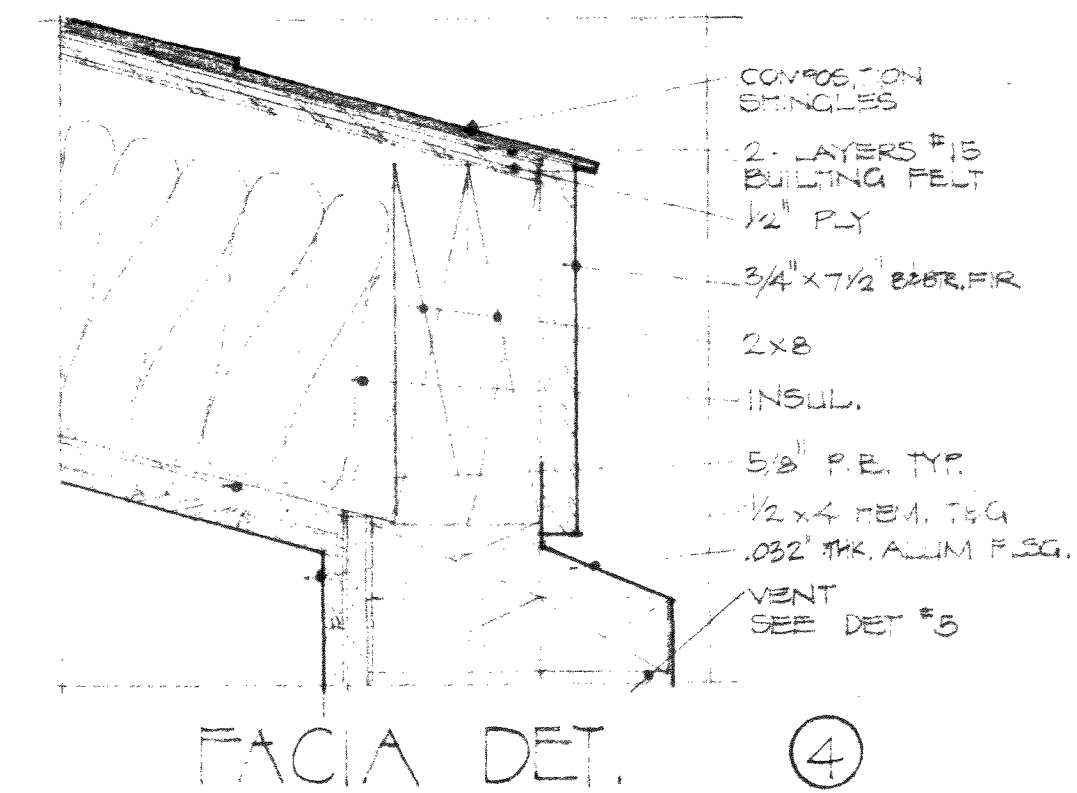
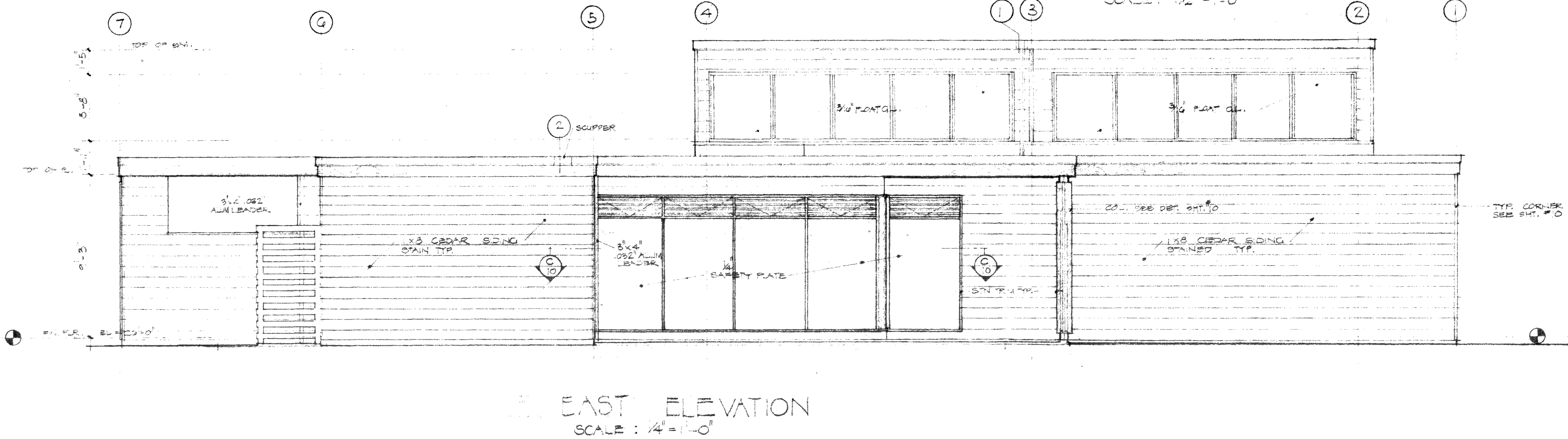
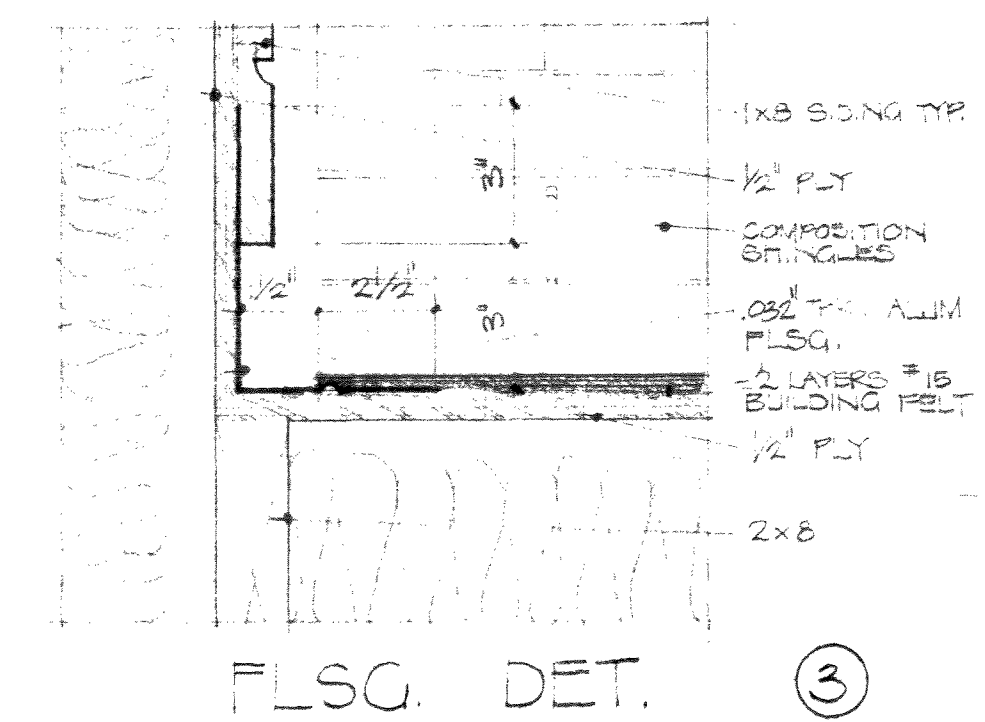
SOUTH ELEV.
(@ WIND.)
SCALE: 1/4" = 1'-0"



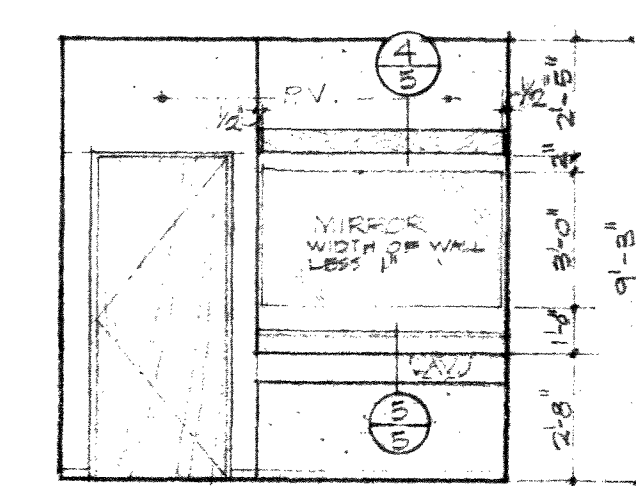
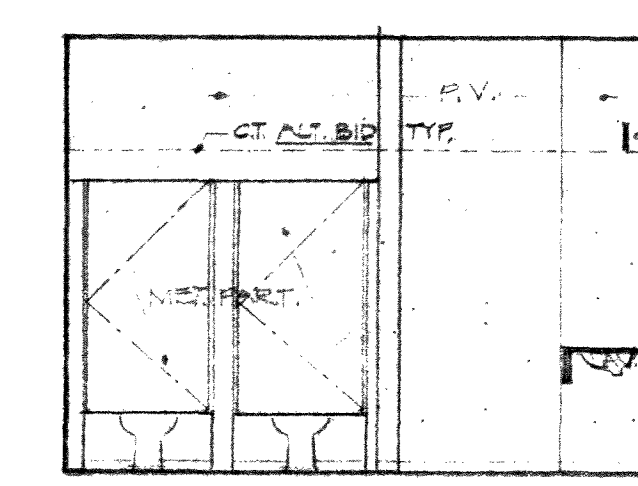
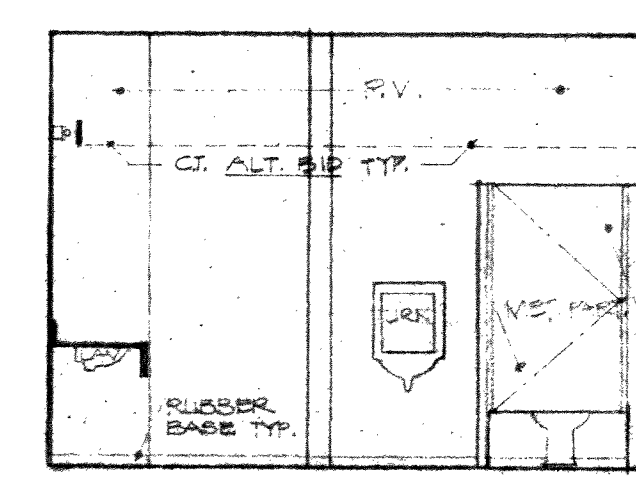
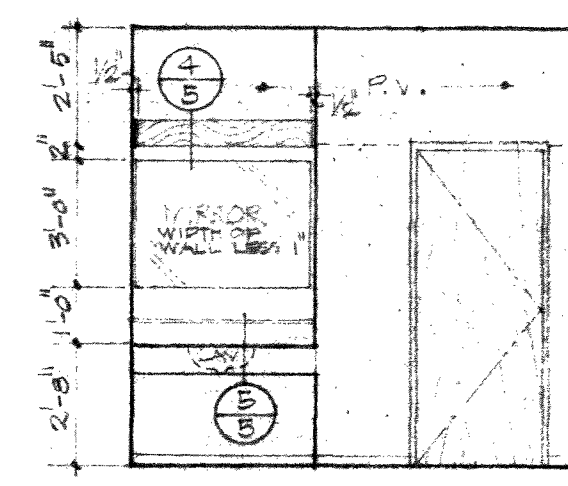
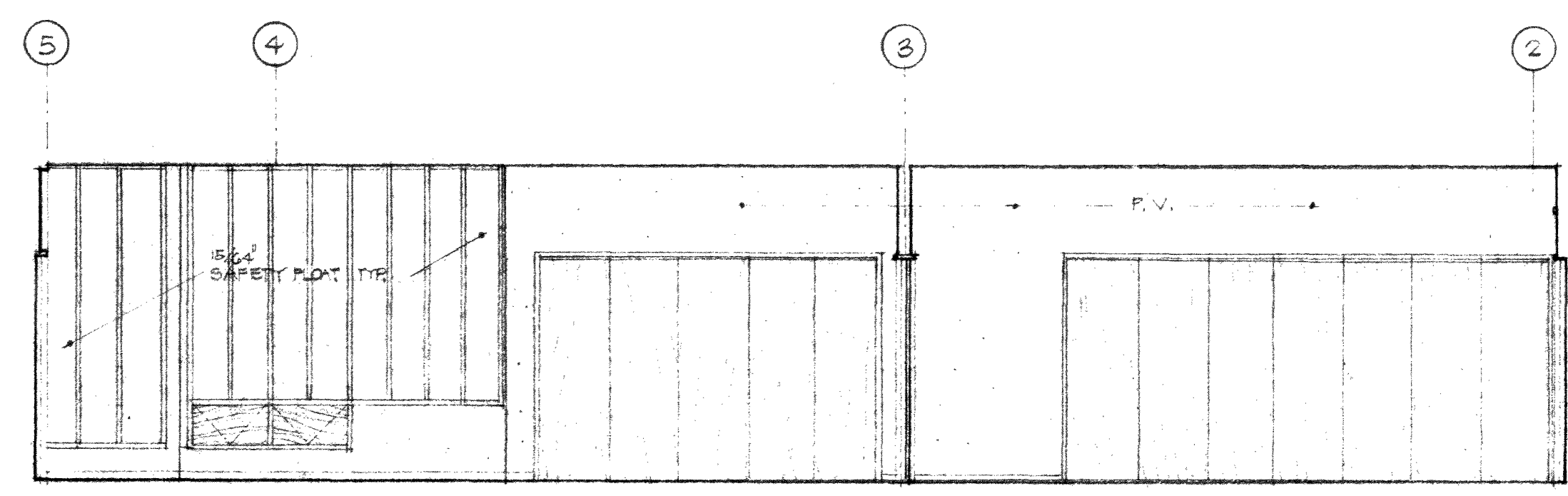
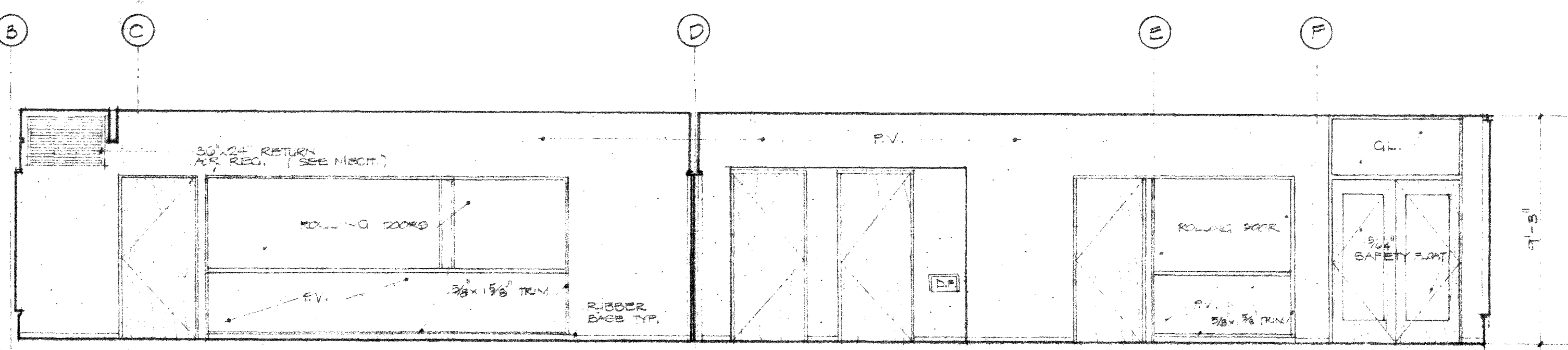
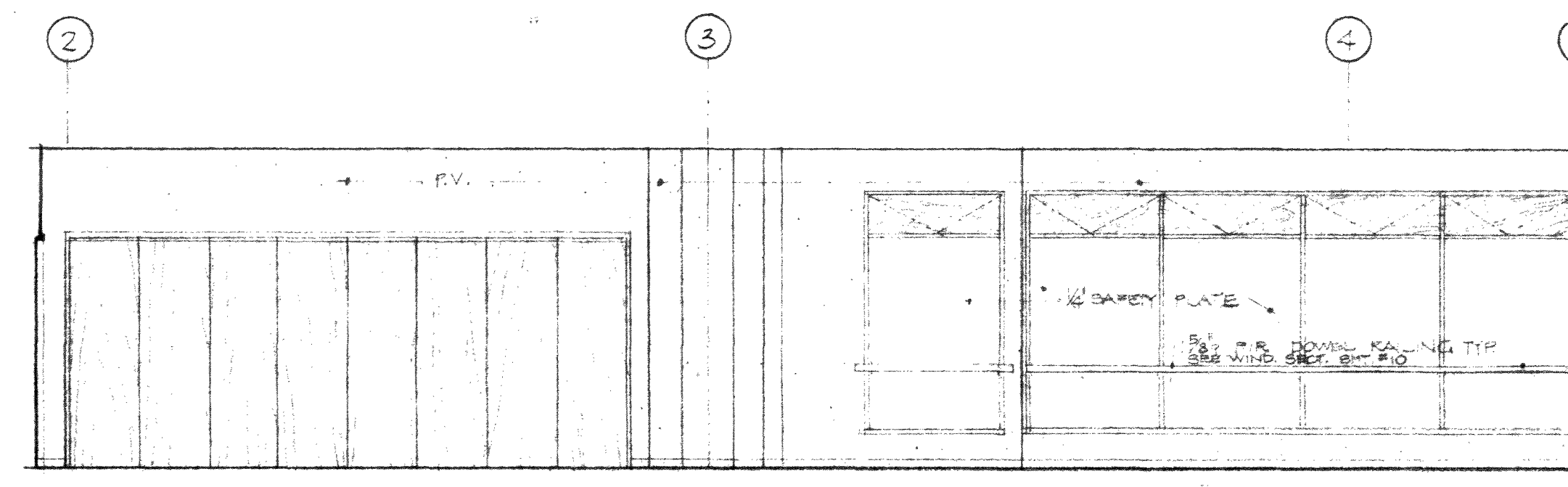
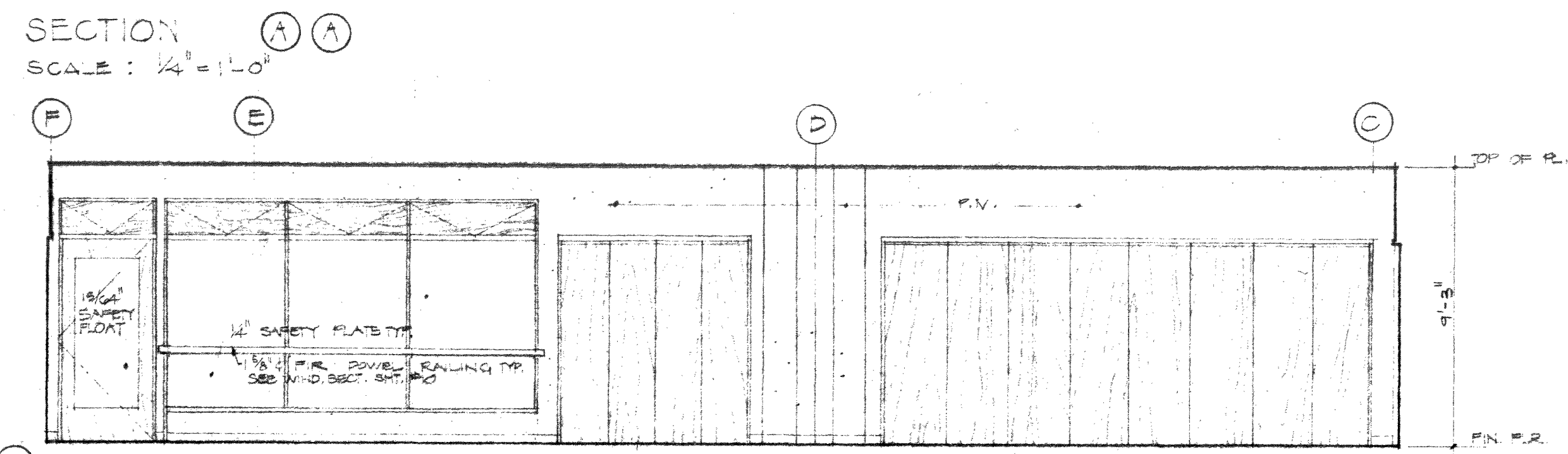
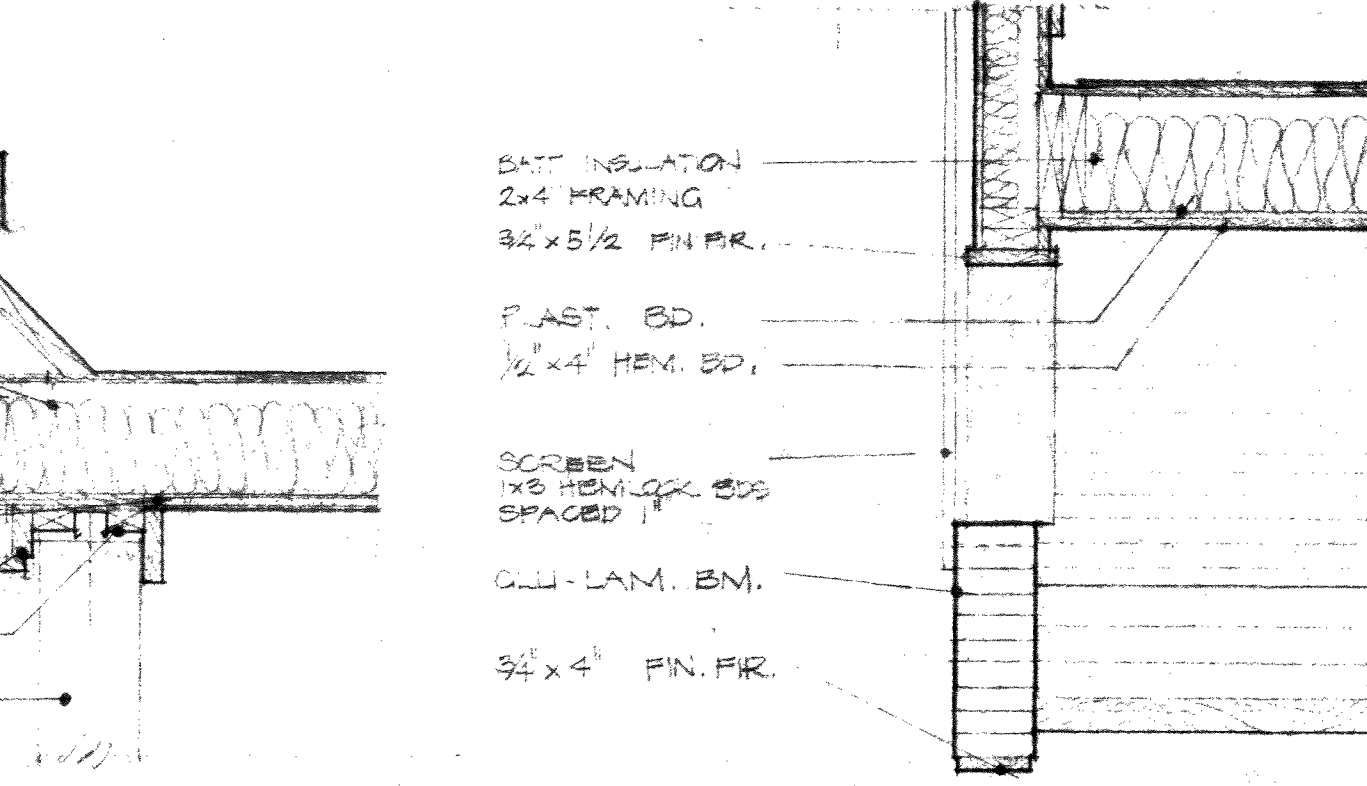
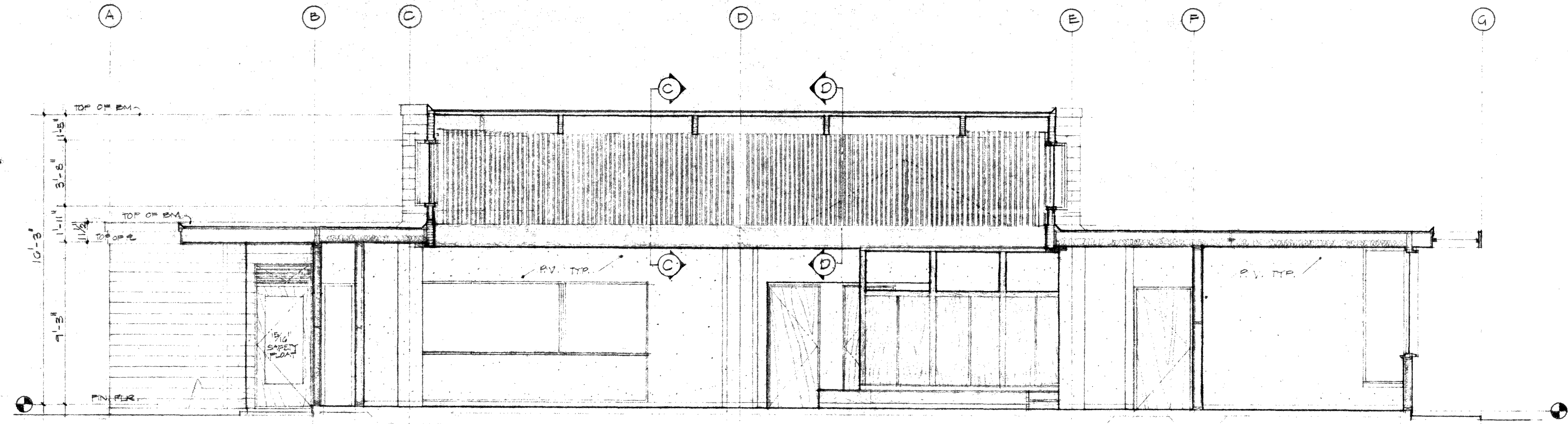
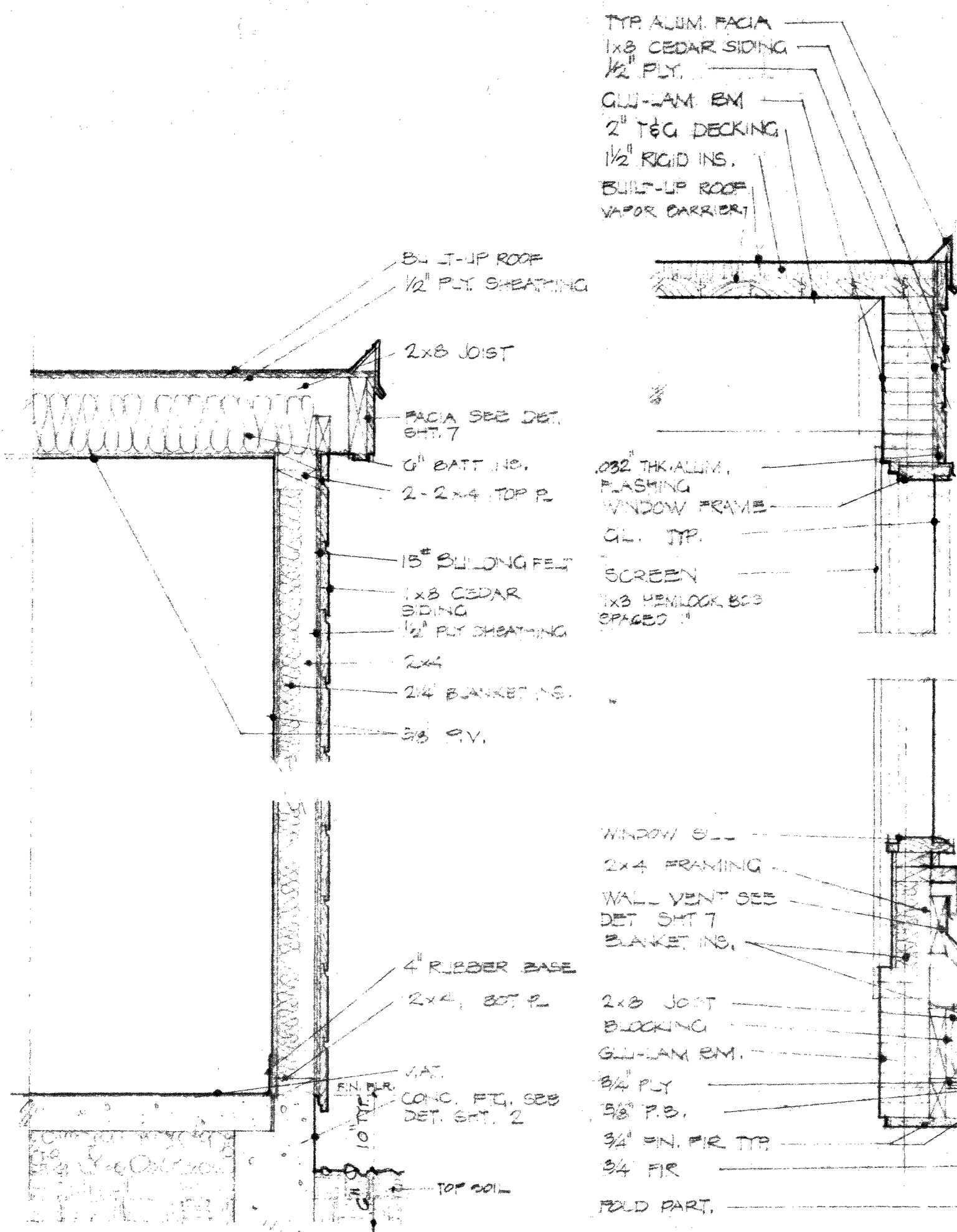
DOOR DETAILS
SCALE: 3" = 1'-0"



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

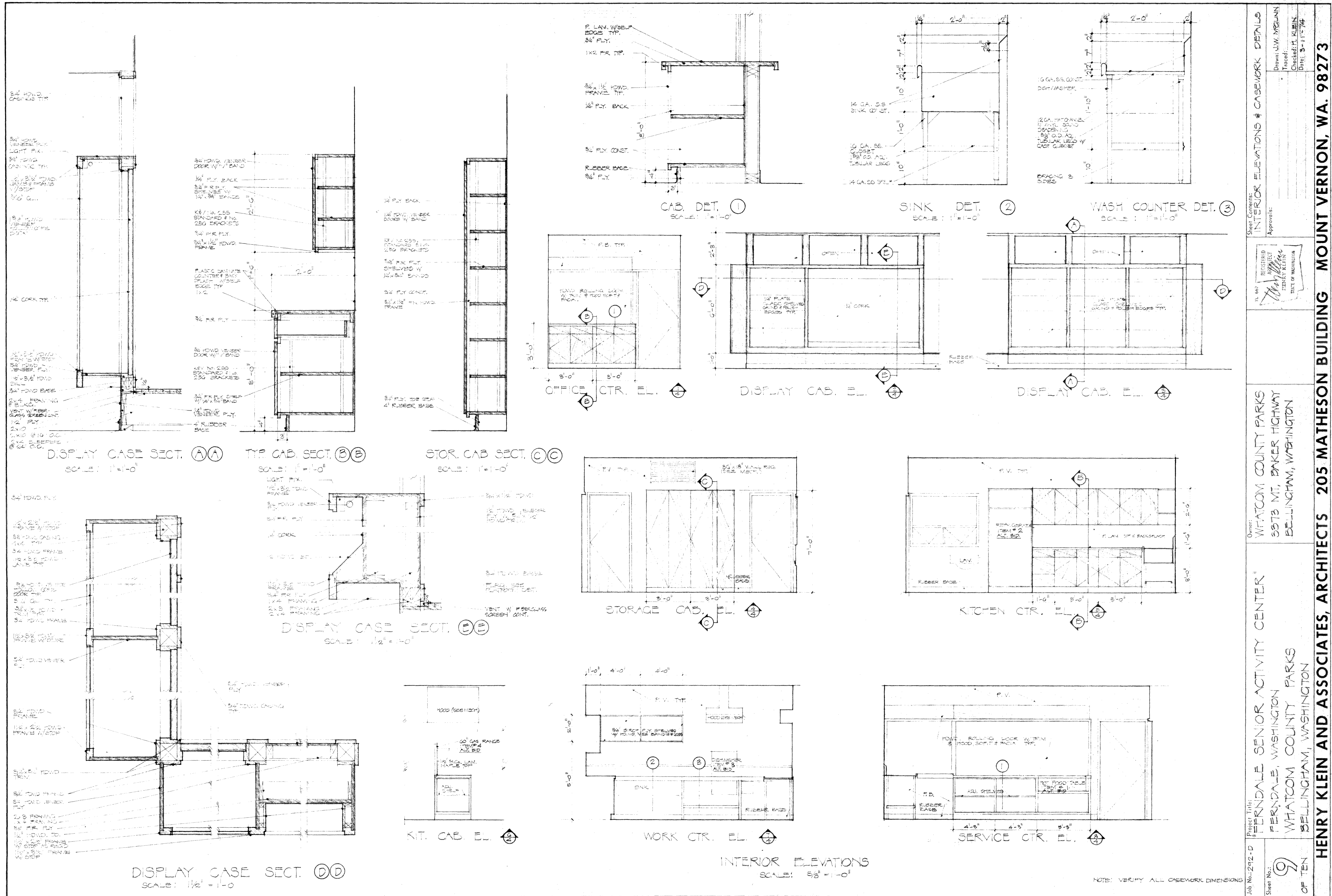


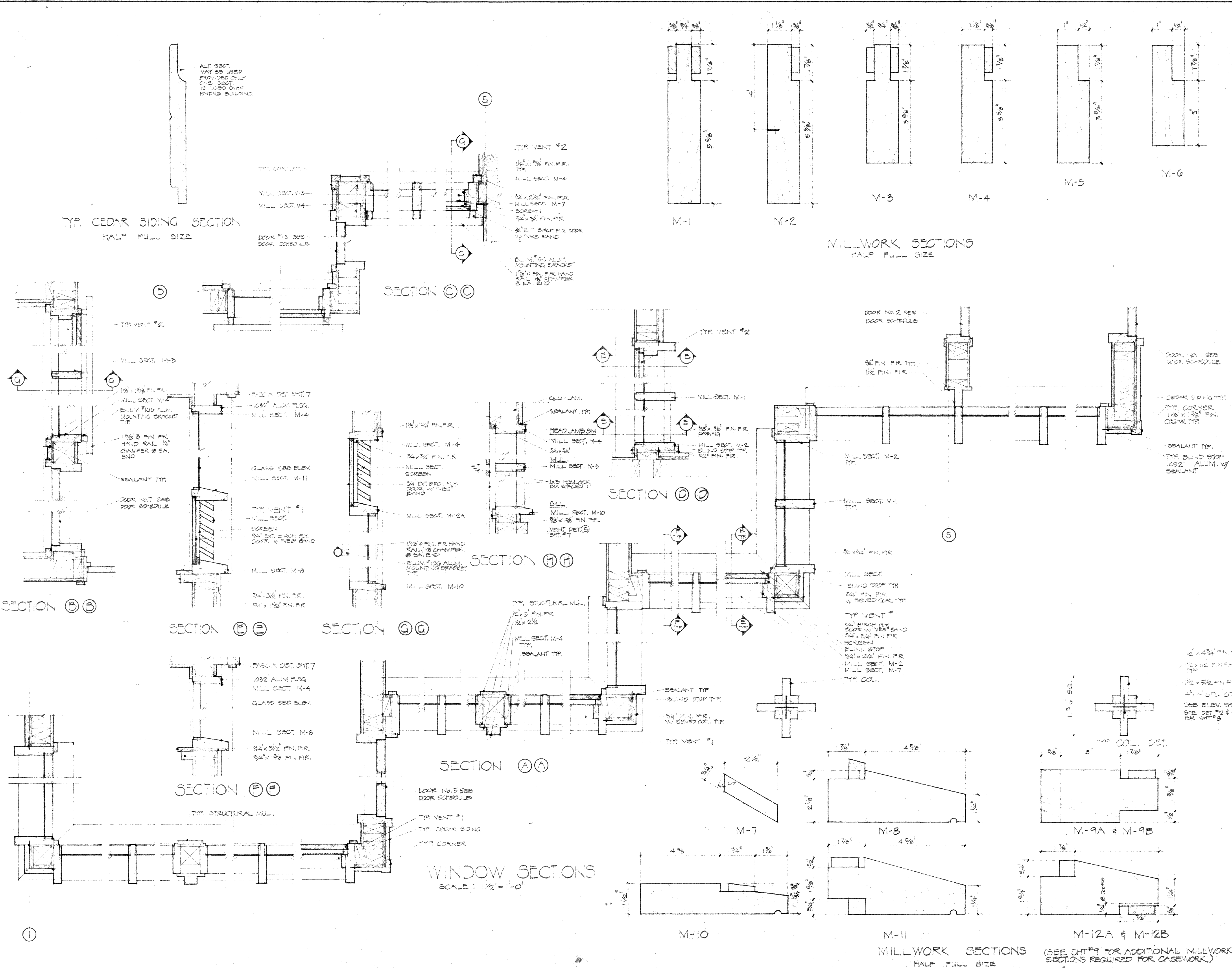
ROOF DETAILS
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INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"

Job No.: 2512-D	Project Title: PERDALE SENIOR ACTIVITY CENTER	Owner: WHATCOM COUNTY PARKS 3373 MT. BAKER HIGHWAY BELLINGHAM, WASHINGTON	Sheet No.: 10	Sheet Title: INTERIOR ELEVATIONS	Drawn: W.W. McQUINN Traced: H. KLEIN Checked: H. KLEIN Date: 3-11-74
PERDALE SENIOR ACTIVITY CENTER WHATCOM COUNTY PARKS BELLINGHAM, WASHINGTON HENRY KLEIN AND ASSOCIATES, ARCHITECTS 205 MATHESON BUILDING MOUNT VERNON, WA. 98273 00372.009 12-08-08 AM					





TYP. CEDAR SIDING SECTION
HALF FULL SIZE

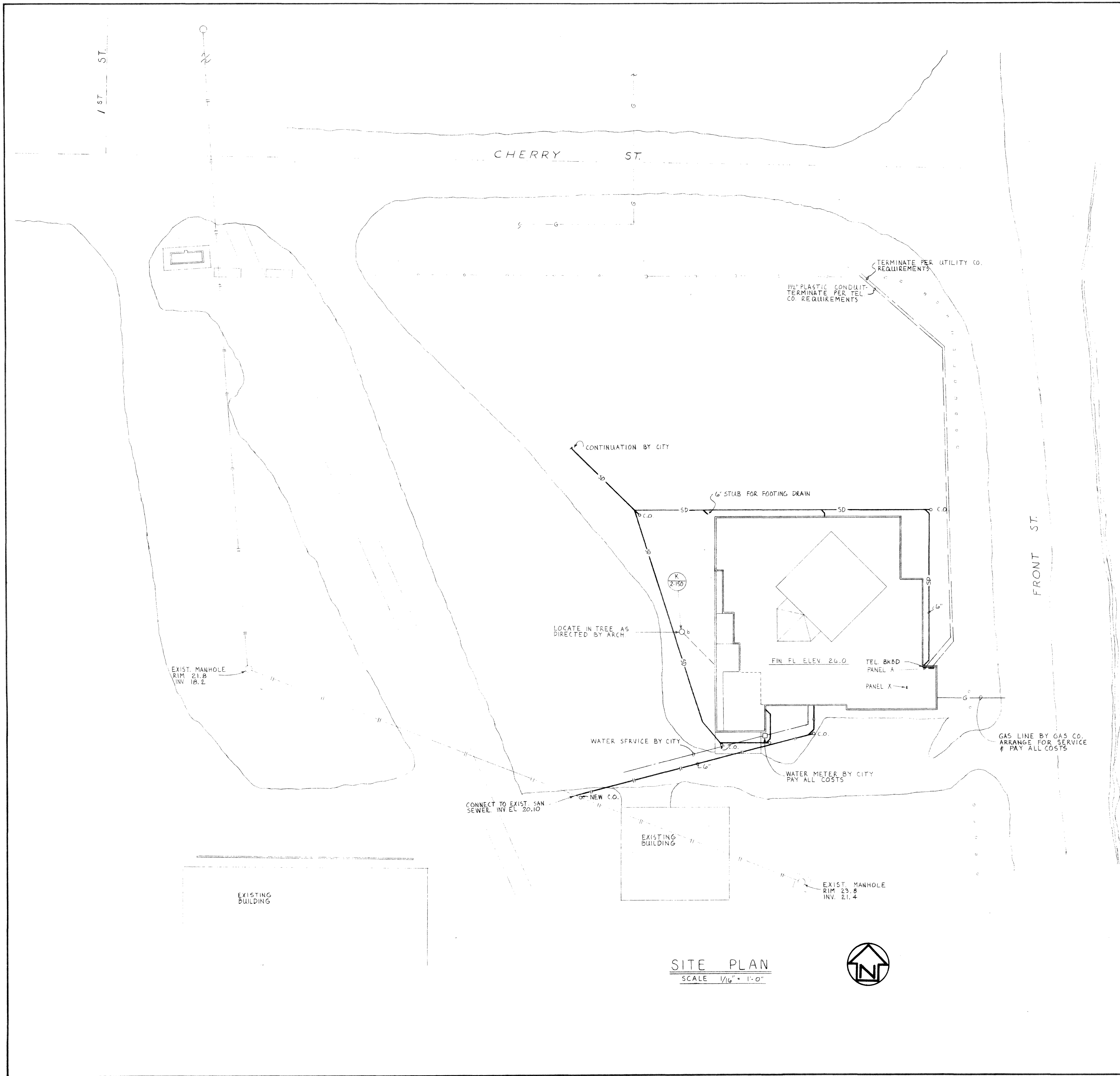
MILLWORK SECTIONS
HALF FULL SIZE

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

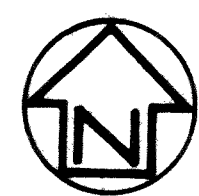
MILLWORK SECTIONS
HALF FULL SIZE

(SEE SHET #9 FOR ADDITIONAL MILLWORK SECTIONS REQUIRED FOR CASEWORK)

Job No.: 292-D	Project Title: FERNDALE SENIOR ACTIVITY CENTER FERNDALE, WASHINGTON	Owner: WHATCOM COUNTY PARKS 3373 MT. BAKER HIGHWAY BELLINGHAM, WASHINGTON	Sheet Contents: WINDOW SECTIONS	Drawn: J. MCGILVER Traced: HENRY KLEIN Checked: HENRY KLEIN Date: 5-11-74
HENRY KLEIN AND ASSOCIATES, ARCHITECTS 205 MATHESON BUILDING MOUNT VERNON, WA. 98273			00872.01 12-08-08 AM	



SITE PLAN
SCALE 1/16" = 1'-0"



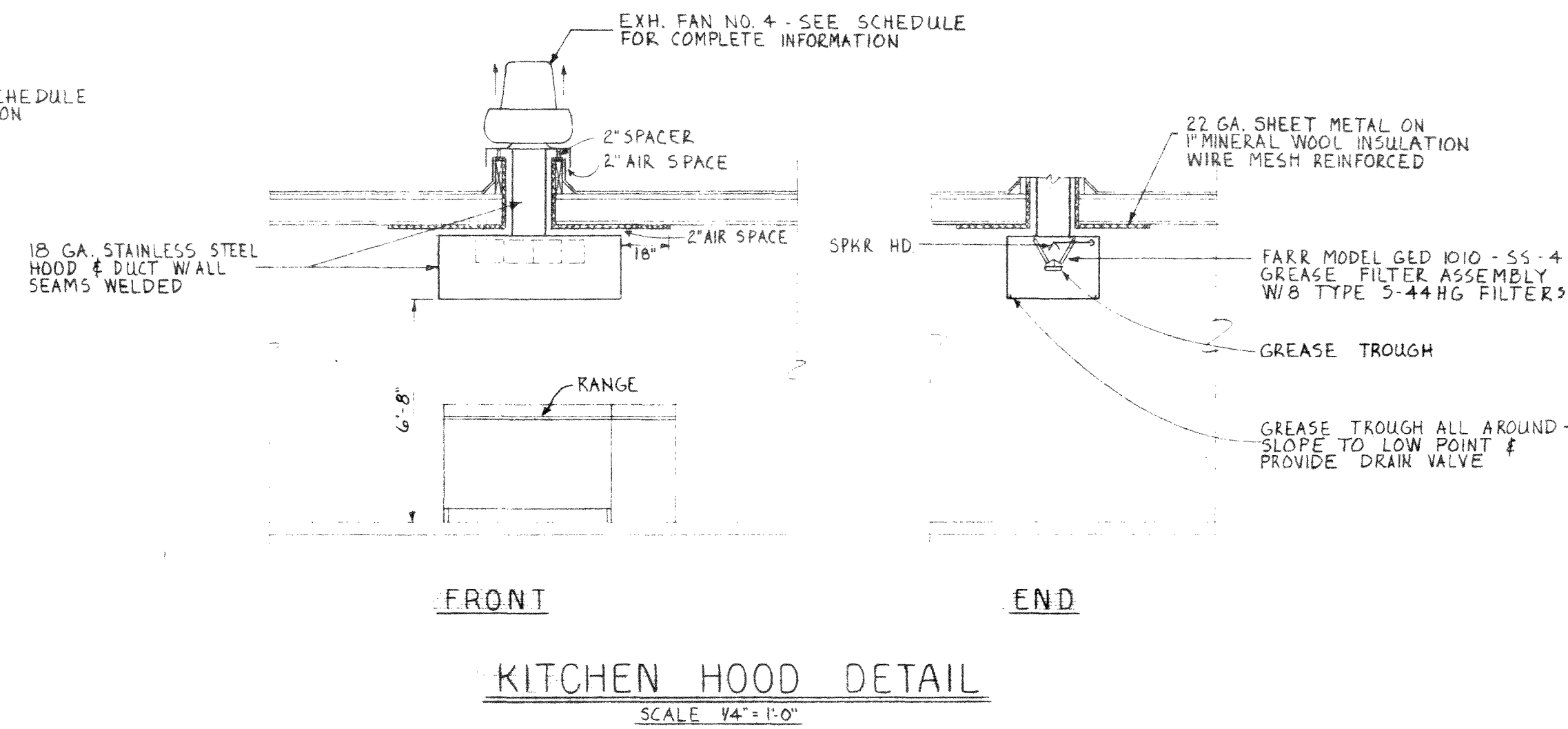
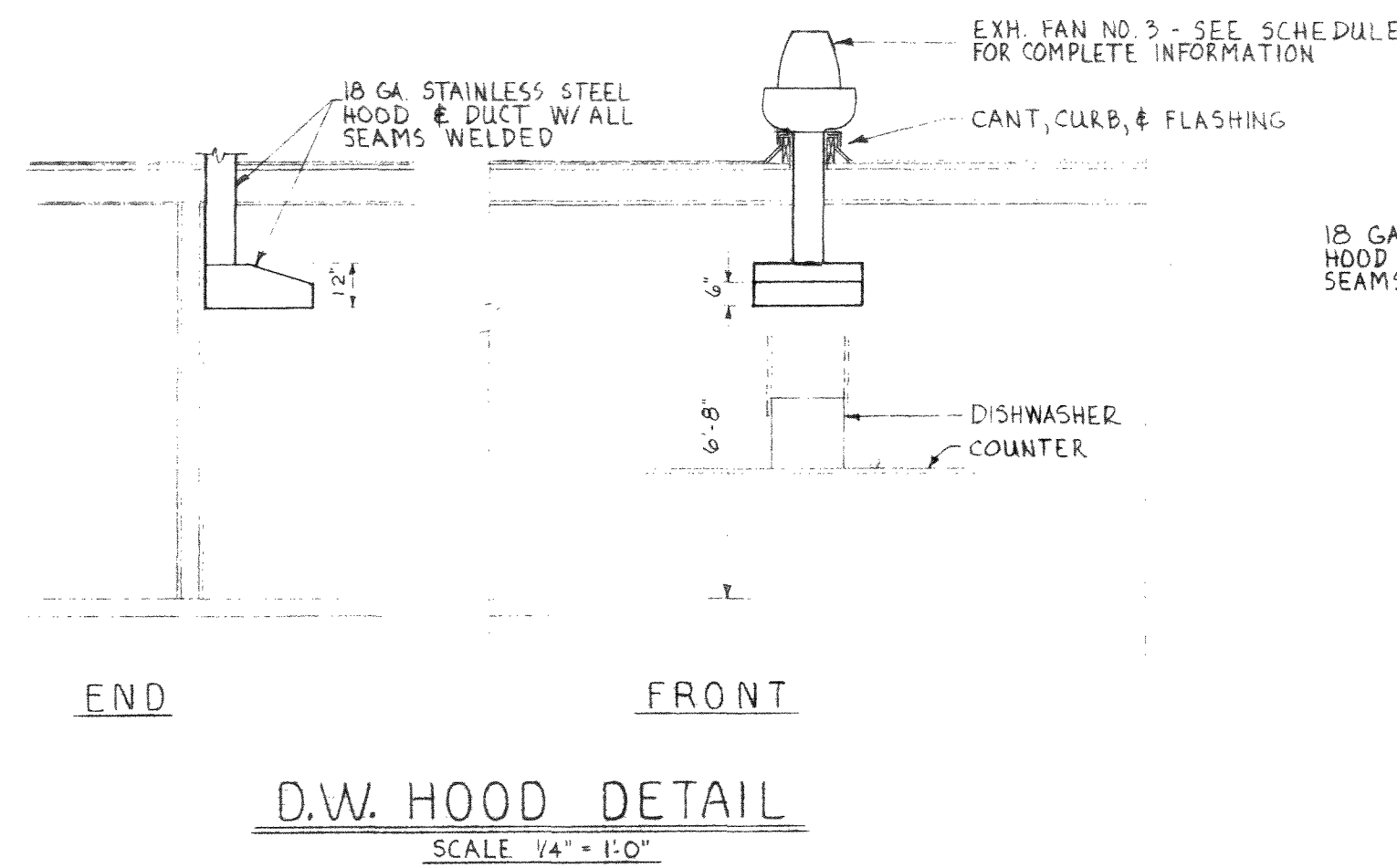
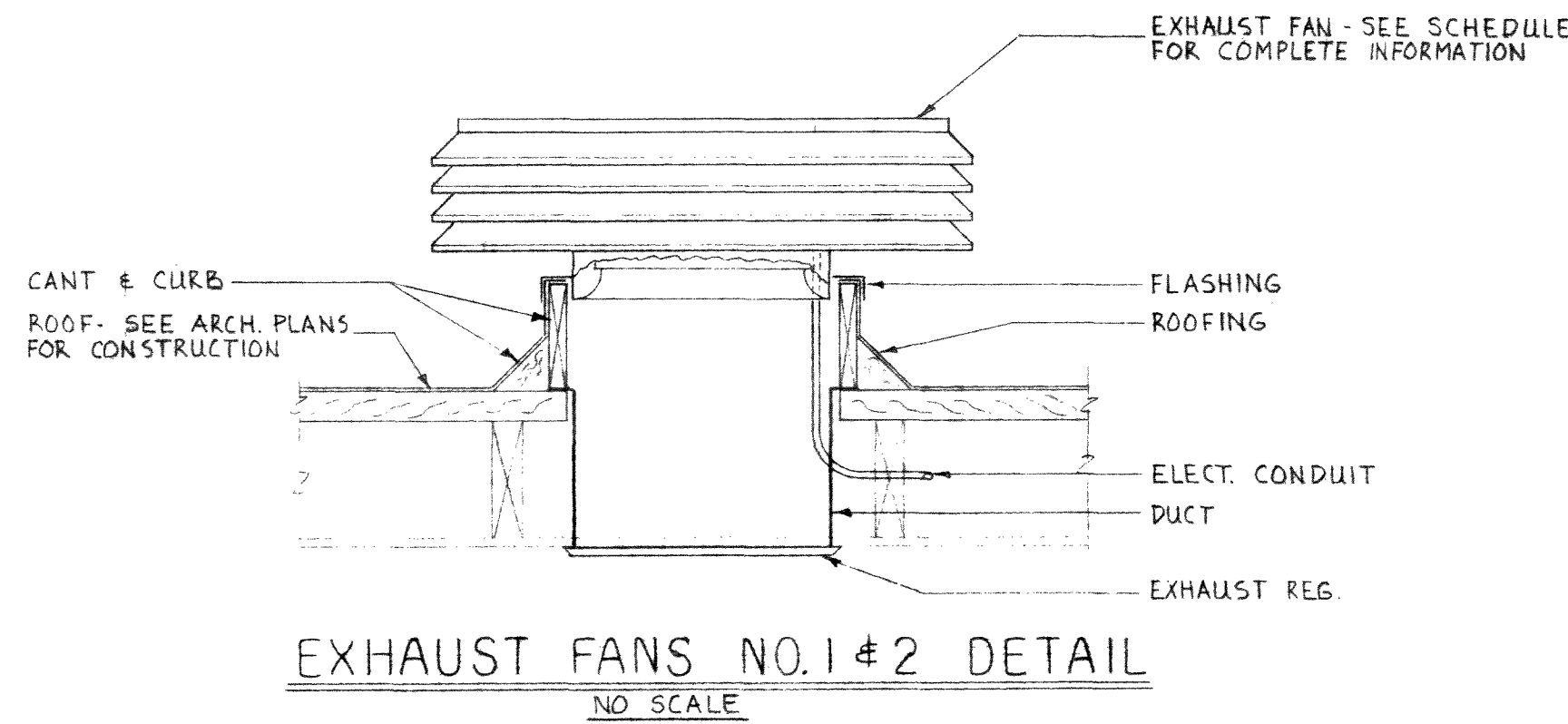
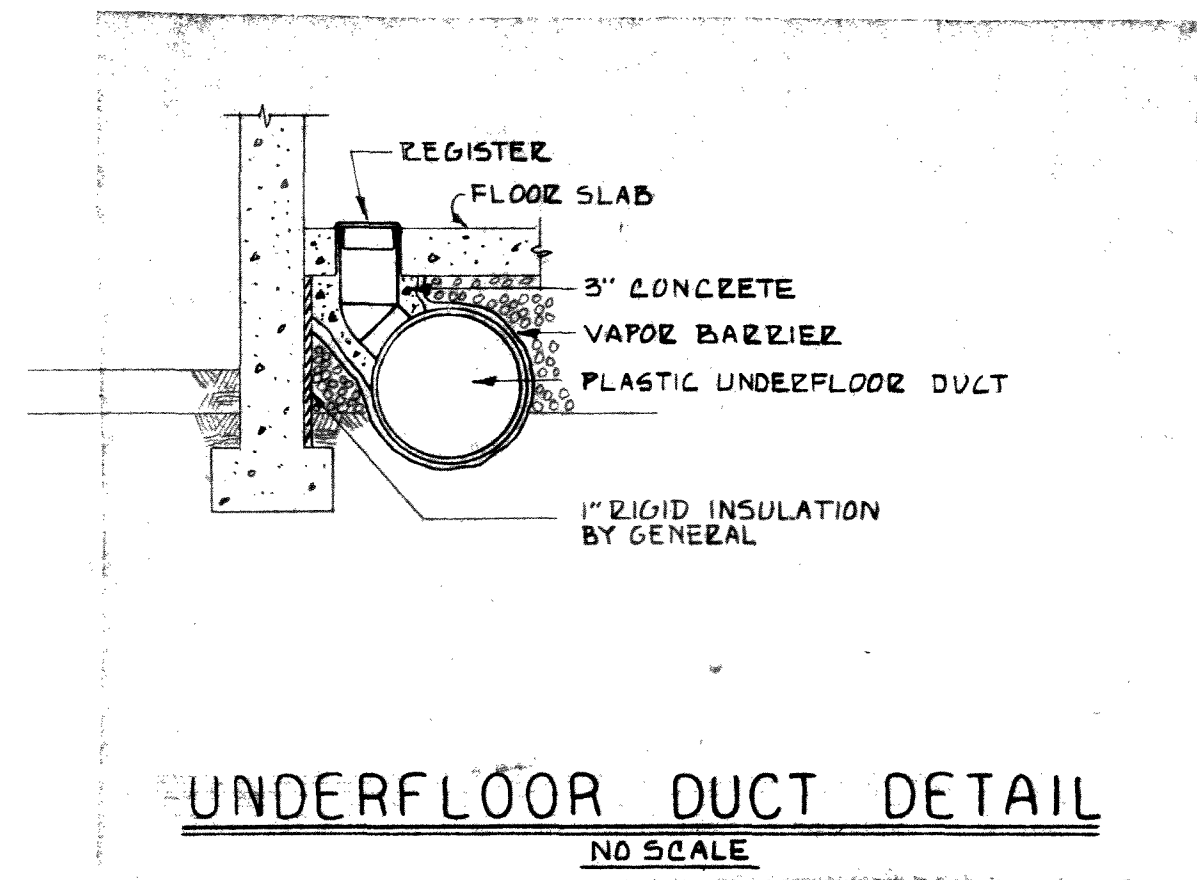
MECHANICAL LEGEND

- SANITARY WASTE OR SEWER PIPING
- SD — STORM DRAIN PIPING
- VENT PIPING
- COLD WATER PIPING
- HOT WATER PIPING
- FD — FLOOR DRAIN
- HB — HOSE BIBB
- S — STREET WASHER BOX
- G — GAS PIPING
- VTR — VENT PIPING
- SECTION THRU SUPPLY DUCT
- SECTION THRU RETURN AIR OR EXH. DUCT
- FLOOR SUPPLY REGISTER
- CEILING RETURN AIR OR EXH. REG.
- WALL RETURN AIR OR EXH. REG.
- SOUND LINED DUCT
- THERMOSTAT

ELECTRICAL LEGEND

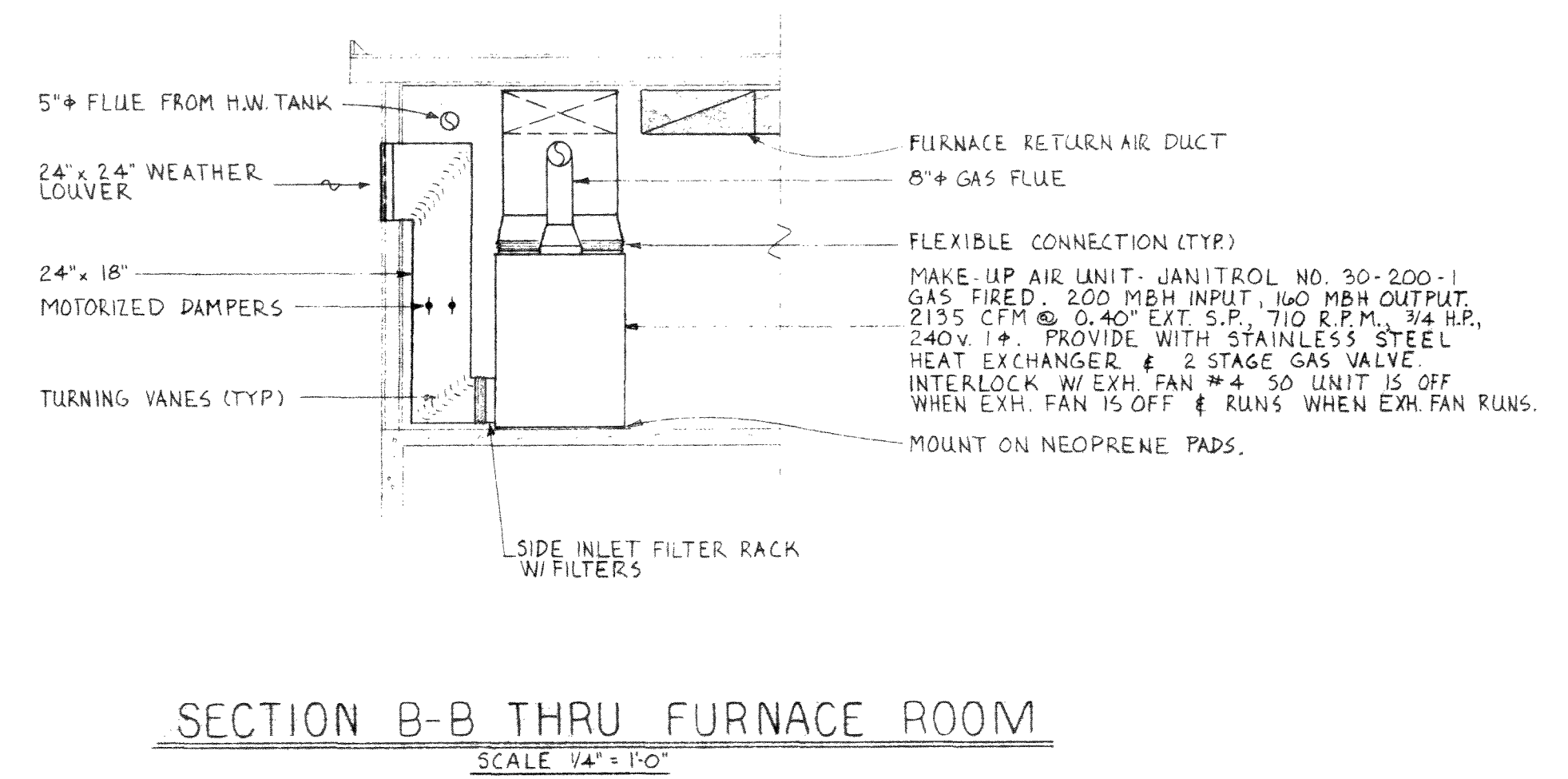
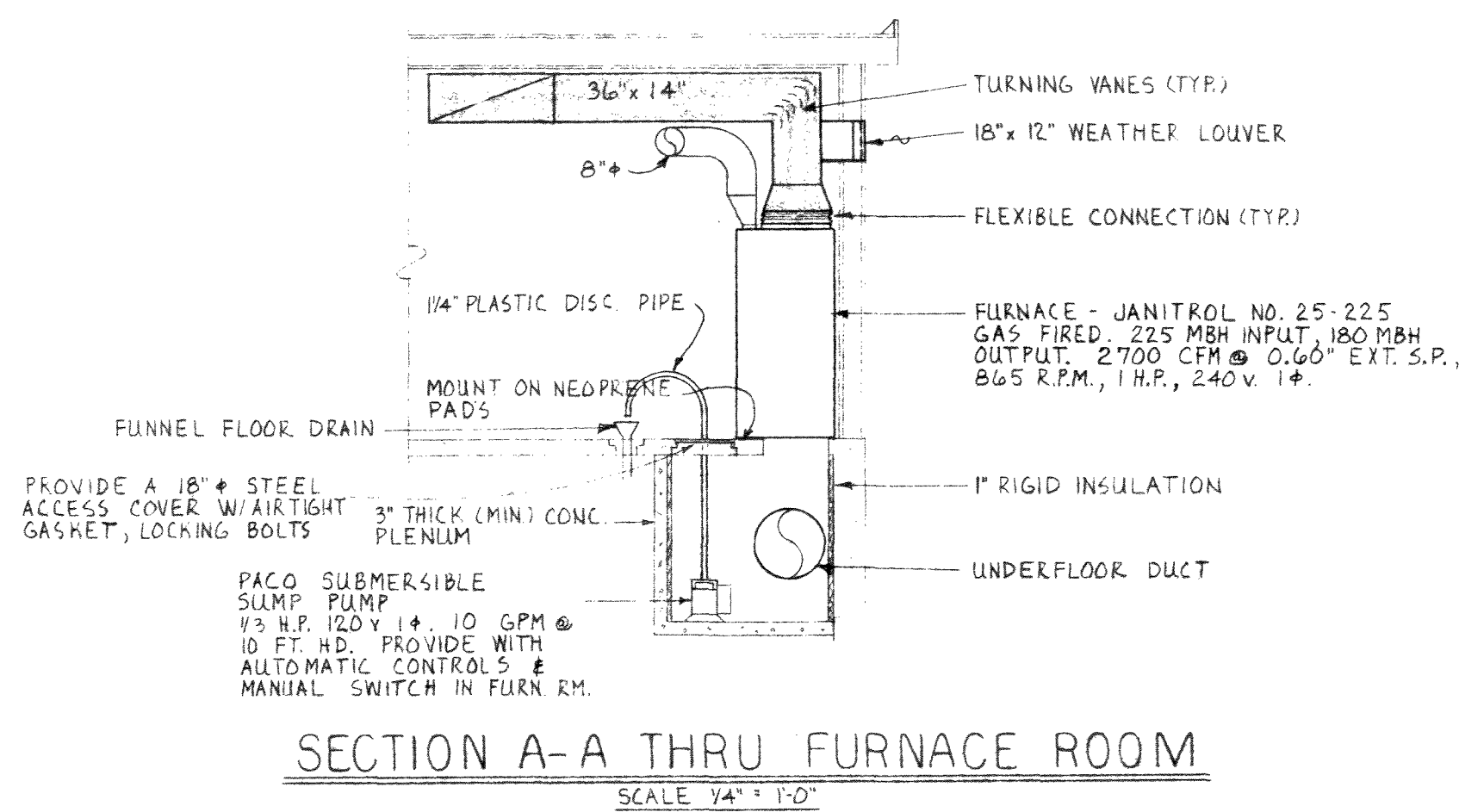
- FLUORESCENT FIXTURE
- INCANDESCENT FIXTURE
- ROUND RECESSED FIXTURE
- EMERGENCY PATHWAY LIGHT
- EXIT LIGHT
- BRACKET FIXTURE
- SWITCH
- 3 WAY SWITCH
- SWITCH WITH PILOT LIGHT
- FIXTURE TYPE
- FIXTURE WATTAGE
- WEATHERPROOF
- JUNCTION BOX
- DUPLEX RECEPTACLE
- TELEPHONE OUTLET
- DISCONNECT SWITCH
- PANEL OR CABINET

Job No.: 292-D	Project Title: FERNDAL SENIOR ACTIVITY CENTER FERNDAL, WASHINGTON WHATCOM COUNTY PARKS BELLINGHAM, WASHINGTON	Owner: WHATCOM COUNTY PARKS 3373 MT. BAKER HIGHWAY BELLINGHAM, WASHINGTON	Sheet Contents: MECHANICAL & ELECTRICAL SITE PLAN	Drawn: J.D.H. Traced: A.H.H. Checked: A.H.H. Date: 8-11-74
Sheet No.: M-E 1 OF FIVE	HENRY KLEIN AND ASSOCIATES, ARCHITECTS 205 MATHESON BUILDING MOUNT VERNON, WA. 98273			
00372.012 12-08-08 AM				



P.NO.	FIXTURE	WASTE	VENT	WATER	
				HOT	COLD
1	WATER CLOSET	4"	2" OR 4"	—	1/2"
2	URINAL	2"	2"	—	3/4"
3	LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"
4	DRINKING FOUNTAIN	1 1/2"	1 1/2"	—	1/2"
5	3 COMP SINK	3-1/2"	3-1/2"	2-1/2"	2-1/2"
6	DISHWASHER	2" FL. 5K.	2"	3/4"	—
7	LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"
8	SERVICE SINK	2"	2"	3/4"	3/4"

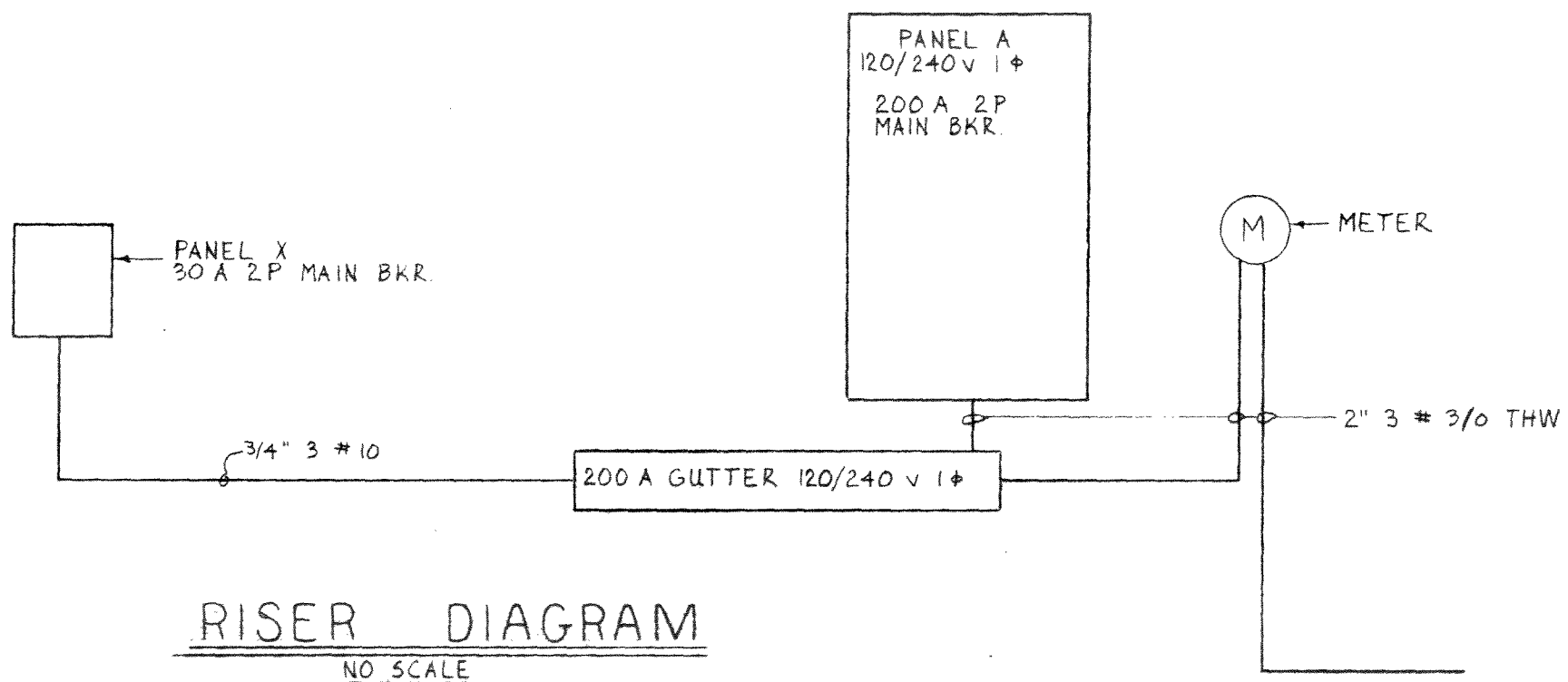
EXHAUST FAN SCHEDULE							
NO.	TYPE	MAKE & MODEL NO.	CFM	S.P.	R.P.M.	MOTOR	REMARKS
1	ROOF EXHAUSTER	GREENHECK W4-10-10	300	1/8"	550	1/2 H.P. 120 V. 1 Φ	
2	"	"	"	"	"	"	
3	"	UCBE-10-4	625	1/4"	960	1/4 H.P. 120 V. 1 Φ	
4	"	UCBE-14-5	1510	1/2"	1070	1/2 H.P. 120 V. 1 Φ	



FIXTURE SCHEDULE			
FIXTURE	MAKE AND NUMBER	WATTAGE	REMARKS
A 1/4 40	LITHONIA 2M 440 M-RH	4-40	
B 1/150	PRESCOLITE 7 HM	150	
C 1/200	" MLR	200	
D 1	" LITE-TRAC 16" OR 8" LONG		6 SPOT FIXTURES 2-95411 ✓ 4-95410 ✓
E 1/300	SEATTLE LIGHTING FIX. CO. 6-7016 M	300	
F 1/40	MOE M 4142	40	
G 1/30	" M 4136	30	
H 1/2-60	PRESCOLITE 7810	2-60	
J 1/100	M ^c PHILBEN 93-14A	100	
K 1/2-150	STEBER S-5002	2-150	WITH DAMP LABEL
L 1/100	M ^c PHILBEN 93-15AE	100	WITH DAMP LABEL
M 1/2-12	PRESCOLITE 73112	2-12	
N 1/100	PORCELAIN SOCKET	100	
O 1/150	PRESCOLITE 7 HM-DL	150	WITH DAMP LABEL
P 1/100	" WB-2 W/WG-6	100	"

NOTE: PROVIDE ALL FITTINGS FOR LITE TRAC

PANEL A SCHEDULE						
120/240 V 1 Ø						
CIRCUIT NUMBER	CIRCUIT TYPE	CIRCUIT BREAKER	USE	WATTS		
				A	B	C
1	20	1P	LIGHTING	1400		
2					1500	
3			LIGHT TRAC	900		
4					900	
5			LIGHTING	1570		
6					1110	
7				1050		
8					1050	
9				1200		
10					1500	
11				1350		
12					1500	
13			LIGHT TRAC	600		
14			LIGHTING	1450		
15			RECEPTACLES	1000		
16					1000	
17				1000		
18					1000	
19				800		
20					800	
21				800		
22			SPARE			
23			EXH. FANS NO. 1 & 2 1/2 H.P. EA	1050		
24			EXH. FAN NO. 3 1/4 H.P.		700	
25	2P		EXH. FAN NO. 4 1/2 H.P.	590	590	
26			MAKE-UP UNIT FAN 3/4 H.P.	830	830	
27			FURNACE FAN 1 H.P.	960	960	
28			D.W. TANK HTR. 1.5 KW	750	750	
29	70		D.W. BOOSTER HTR. 10 KW	5000	5000	
30	20	1P	SUMP PUMP 1/3 H.P.	865		
31	2P		FUTURE GARBAGE DISPOSAL 3/4 HP	830	830	
32	1P		SPARE			
33						
34						
35						
36						
TOTAL WATTS				21,115	20,840	
AMPS				175		



Job No.: 292-D

Project Title: FERNDAL SENIOR ACTIVITY CENTER
FERNDAL, WASHINGTON
WHATCOM COUNTY PARKS
BELLINGHAM, WASHINGTON

Sheet No.: **E2**
OF FIVE

Owner: WHATCOM COUNTY PARKS
3373 MT. BAKER HIGHWAY
BELLINGHAM, WASHINGTON

Architect: HENRY KLEIN AND ASSOCIATES, ARCHITECTS
205 MATHESON BUILDING
MOUNT VERNON, WA. 98273

Sheet Contents: ELECTRICAL RISER, SCHEDULES

Approvals:
Drawn: J.D.H.
Traced: A.H.H.
Checked: A.H.H.
Date: 3-1-74

