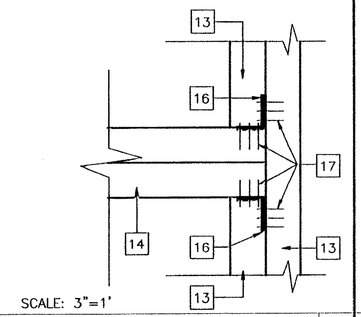
NAILING SHEDULE

CONNECTION	NAILING	
1. JOST TO SILL OR GIRDER,TOENAIL	3–8d	1
2. BRIDGING TO JOIST, TOENAIL END END	2–8d	
3. 1" X 6" (25 mm X 152mm) SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL.	2–78d	
4. WIDER THAN 1" X 6" (25 mm X 152 mm) SUBFLOOR TO EACH JOIST, FACE NAIL.	3–8d	
5. 2" (51MM) SUBFLOOR TO LOIST OR GRINDER, BLIND AND FACE NAIL	2–16d	
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	16d at 16" (406mm) o.c.	
SOLE PLATETO JOIST OR BLOCKING, AT BRACED WALL PENELS	3–16d per 16" (406mm)	
7. TOP PLATE TO STUD, END NAIL	2–16d	
8. STUD TO SOLE PLATE	4–8d, toenail or 2–16d, end nail	
9. DOUBLE STUDS, FACE NAIL	16d at 24" (610mm) o.c.	
10. DUOBLE TOP PLATES, TYPICAL FACE NAIL	16d at 16" (406mm) o.c.	
DOUBLE TOP PLATES, LAP SPLICE.	8–16d	
11. BLOCKING BETEEN JOISIS OR RAFTERS TO TOP PLATE, TOENAIL.	3–8d	
12. RIM JOIST TO TOP PLATE, TOENAIL.	8d at 6" (152mm) o.c.	
13. TOP PLATES, LAP AND INTERSECTIONS, FACE NAIL.	2–16d	
14. CONTINUOUS HEADER, TWO PIECES.	16d at 16" (406mm) o.c. along each edge	
15. CEILING JOIST TO PLATE, TOENAIL.	3–8d	
16. CONTINUOUS HEADER TO STUD, TOENAIL.	4–8d	
17. CEILING JOISTS, LAP OVER PARTITIONS, FACE NAIL.	3–16d	
18. CEILING JOIST TO PARALLEL RAFTERS, FACE NAIL.	3–16d	
19. RAFTER TO PLATE, TOENAIL.	3–8d	
20. 1" (25 mm) BRACE TO EACH STUD AND PLATE, FACE NAIL.	2–8d	
21. 1" X 8" (25 mm X 203 mm) SHEATHING OR LESS TO AECH BEARING, FACE NAIL.	2–8d	
22. WIDER THAN 1" X 8" (25mm X 203mm) SHEATHING TO EACH BEARING, FACE NAIL.	3–8d	
23. BUILT–UP CORNER STUDS	16d at 24" (610mm) o.c.	
24. BUILT–UP GIRDER AND BEAMS.	20d AT 32" (813 mm) O.C. AT TOP AND	
BOTTOM AND STAGGERED 2–20d AT ENDS AND AT EACH SPLICE.	BOTTOM AND STAGGERED 2–20d AT ENDS AND AT EACH SPLICE.	
25. 2" (51mm) PLANKS		
26. WOOD STRUCTURAL PANELS AND PARTICLEBOARD:2		
SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING): (1 INCH=25.4mm)		
1/2" AND LESS	6d[3]	
19/32" – 3/4"	8d[4] OR 6d[5]	
7/8" – 1"	8d[3]	
1 1/8" – 1 1/4"	10[4] OR 8d[5]	
COMBINATION SUBFLOOR–UNDERLAYMENT (TO FRAMING): (1 INCH=25.4mm)		
3/4" AND LESS	6d[5]	
7/8" – 1"	8d[5]	
1 1/8" – 1 1/4"	10d[4] OR 8d[5]	
27. PANEL SIDING (TO FRAMING):		
1/2" (13 mm) OR LESS	6d[6]	
5/8" (16 mm)	8d[6]	
28. FIBERBOARD SHEATHING		
1/2" (13 mm)	NO. 11 GA[8]	
	6d[4]	
	NO. 16 GA.[9]	
25/32" (20 mm)	NO 11 GA.[8]	
	8d[4]	
	NO.16 GA.[9]	
29. INTER PANELING		
1/4" (6.4 mm)	4d 10	
3/8" (9.5 mm)	6d 11	

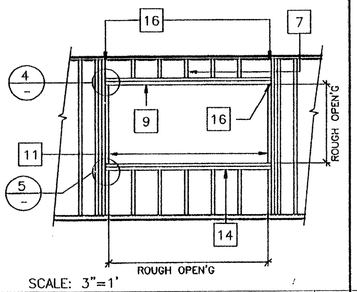
NOTE: All nail shall be box nails unless otherwise noted.

1. COMMON OR BOX NAILS MAY BE USED EXCEPT WHERE OTHERWISE STATED.
2. NAILS SPACED AT 6"(152MM) ON CENTER AT EDGES, 12"(305MM) AT INTERMEDIATE SUPPORTS EXCEPT 6 INCHES (152MM) AT ALL SUPPORTS WHERE SPANS ARE 48"(1219MM) OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLE DIAPHRAMS AND SHEAR WALLS, REFERTO SECTION 2314.3. NAILS FOR WALL SHEATHING MAY BE COMMON, BOX OR CASING.
3. COMMON OR DEFORMED SHANK
4. COMMON
5. DEFORMED SHANK
6. CORROSION–RESISTANT SIDING OR CASING NAILS CONFORMING TO THE REQUIREMENTS OF SECTION 2325.1.
7. FASTENERS SPACED 3 INCHES(76MM) ON CENTER AT EXTERIOR EDGES AND 6 INCHES(152MM) ON CENTER AT INTEERMEDIATE SUPPORTRS.
8. CORROSION–RESISTANT ROOFING NAILS W/7/16(11MM) HEAD AND 1 1/2 INCH(38MM) LENGHT FOR 1/2 INCH(13MM) SHEATHING AND 1 3/4 INCH(44MM) LENGHT FOR 25/32 INCH(20MM) SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2325.1.
9. CORROSION–RESISTANT STAPLES WITH NOMINAL 7/16 INCH(11MM) CROWN AND 1 1/8 INCH(29MM) LENGHT FOR 1/2 INCH(13MM) SHEATHING AND 1 1/2 INCH(38MM) LENGHT FOR 25/32 INCH(20MM) SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2325.1.
10. PANEL SUPPORTS AT 16 INCHES(406MM) 120 INCHES(508MM) IF STRENGGHT AXIS IS IN THE LONG DIRECTION OF PANEL, UNLESS OTHERWISE MARKED. CASING OR FINISH NAILS SPACED 6 INCHES(152MM) ON PANEL EDGES. 12 INCHES (152MM) AT INTERMEDIATE SUPPORTS.
11. PANEL SUPPORTS AT 24 INCHES(610MM). CASING OR FINISH NAILS SPACED 6 INCHES(152MM) ON PANEL EDGES. 12 INCHES(305MM) AT INTERMEDIATE SUPPORTS.



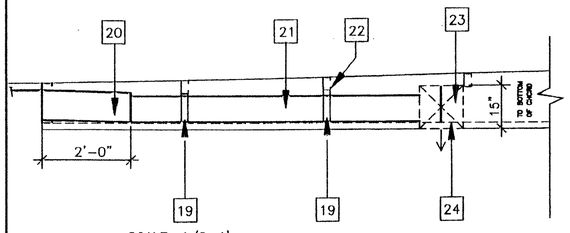
SCALE: 3"=1'

9 WINDOW SILL AT JAMB 5



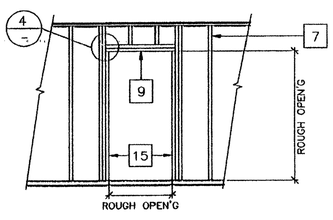
SCALE: 3"=1'

10 TYP. WINDOW FRAMING 6



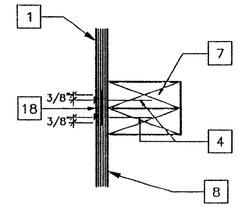
SCALE: 1/2=1'

SECTION; HVAC IN ROOF 11



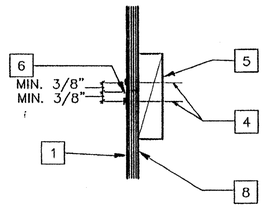
SCALE: 3"=1'

TYP. DOOR FRAMING 7



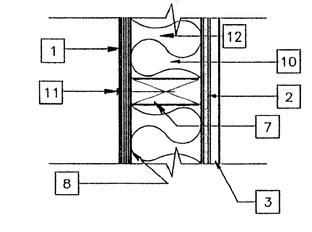
SCALE: 3"=1'

DETAIL AT VERT. PLYWOOD EDGES 1



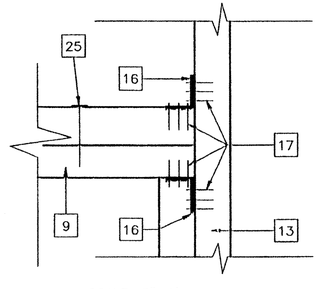
SCALE: 3"=1'

DETAIL AT HORIZ. PLYWOOD JOISTS 2



SCALE: 3"=1'

SECTION AT STUD 3



SCALE: 3"=1'

HEADER DETAIL 4

OPENING SCHEDULE				ROUGH OPENING	
OPENING	HDR.	SILL	JAMB	HEIGHT	WIDTH
3068	(2) 2X4	(2) 2X4	(2) 2X4 *	81 1/4"	38"
8040 * *	(3) 2X4	(2) 2X4	(3) 2X4 *	48 1/8"	96 1/8"

* FULL HEIGHT STUDS

* * ALL WOOD WINDOW HEADER SHALL BE D.F./ LARCH #2 GRADE

ALTERNATE: METAL STUD 3 1/2 " X 20 GA.
IN LIEU OF 2X4 WD. STUDS

ROUGH OPENING SCHEDULE 12

8

KEY NOTES

1	EXTERIOR PLYWOOD SIDING – SHEATHING NAIL W/GALV. BOX NAILS –8d AT 6" O.C. EDGES, 8d AT 12" O.C. IN FIELD
2	GYP. BOARD
3	TYP. INTERIOR FINISH–SEE FINISH SCHEDULE
4	E.N.
5	2X4 BLK'G
6	"Z" FLASHING
7	2X4 AT 16" O.C./DBL. 2X4 AT VERT. SIDING JOINT
8	WATERPROOF MEMBRANE
9	HEADER (SEE SCHEDULE S5.0)
10	INSULATION (SEE SPECIFICATIONS)
11	8d ELECTRO GALV. 12" O.C.FN.
12	2X4 SILL PLATE (BELOW)
13	FULL HEIGHT STUDS AND 1–2X4 TRIMMER (SEE OPENING SCHEDULE FOR JAMB STUDS REQ'D FOR DOORS & WINDOWS ONLY)
14	SILL PLATE (SEE SCHEDULE)
15	2X4 FULL HEIGHT KING STUDS AND 2X4 TRIMMER (SEE SCHEDULE FOR QUANTITY)
16	A 34 CLIPS AT HEADER AND SILL TO FULL HEIGHT STUDS AND FULL HEIGHT STUDS TO TOP AND BOTTOM PLATES
17	9GA. 8d 1 1/2" NAILS
18	LAP JOINT
19	2" WIDE DUCT SUPPORT STRAP @ 48" O.C.
20	PLENUM
21	DUCTWORK
22	ROOF PURLIN
23	TRANSFER BOX
24	ROOF CHANNEL
25	16D @ 16" O.C.

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04 101144
AC FLS SS
DATE MAY 20 1999

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 101527
AC FLS SS
DATE SEP 0 2 1999

NOTES

1. NAILING:
–NAILING IN ACCORDANCE W/ T.24 C.A.C TABLE 2–25 P
–ALL NAILS EXPOSED TO WEATHER SHALL BE GALV.
–MACHINE APPLIED NAILING SHALL HAVE PRIOR DEMOSTRATION AND APPROVAL BY O.S.A. / DSA FIELD REP. AND THE ARCHITECT.

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02
117026
DATE 6/11/99

FILE PATH: PC270S50.DWG

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
REGISTERED PROFESSIONAL ENGINEER
S. V. MISTRY
No. S3413
Exp. 06/2001
STRUCTURAL
STATE OF CALIFORNIA
02-08-99

Architects Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC - 270
AC DS SS
DATE FEB 19 1999
REVISED

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PROJECT NUMBER:

DRAWN BY: RVF
DATE: 2-2-99
CHECKED BY: SS
DATE:
MODTECH PROJECT NO:
MODTECH Index No.

FRAMING DETAILS

S5.0

PROJECT NO. PC–270