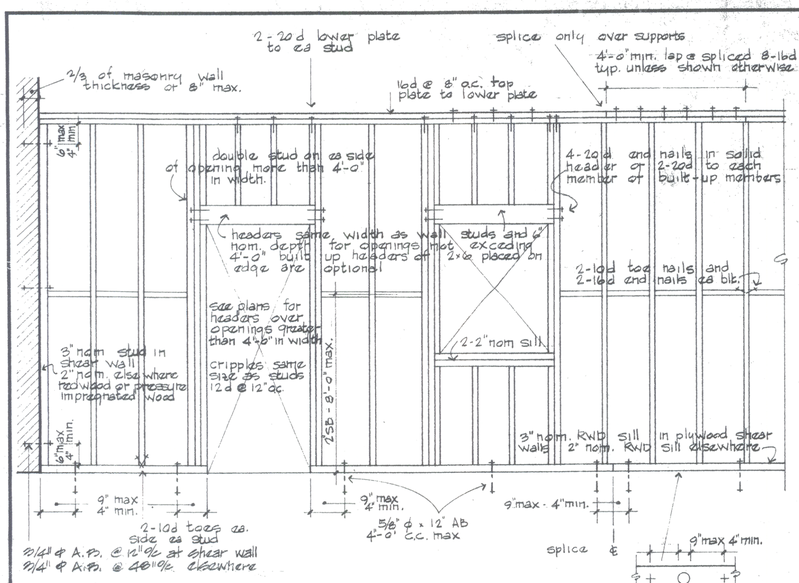
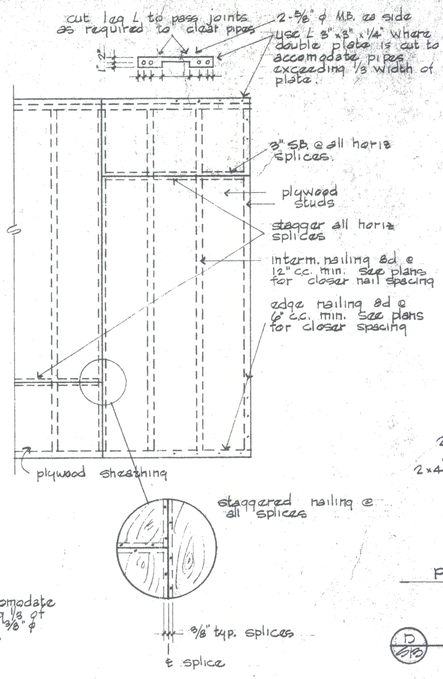
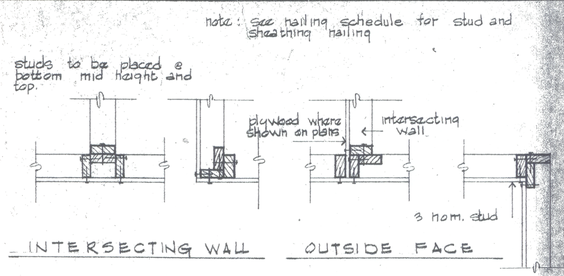
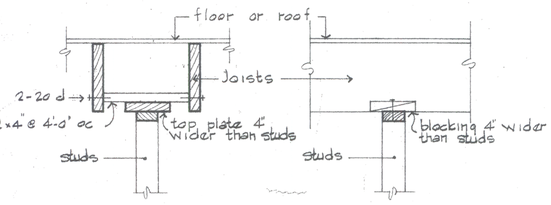


A 2/P3 TYPICAL STUD WALL FRAMING - BEARING NON-BEARING AND PLYWOOD SHEATHING

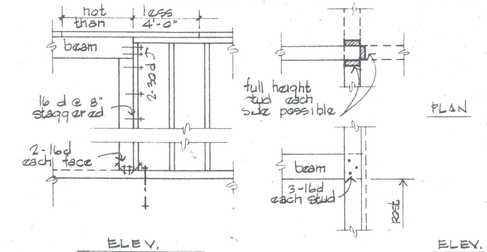




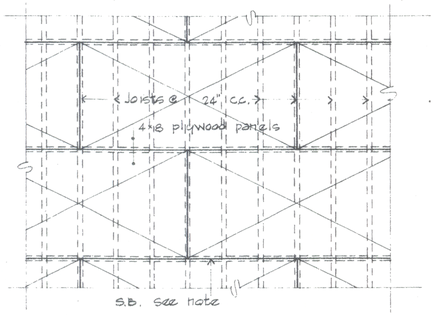
C 2/P3 STUD FRAMING AT CORNERS & INTERSECTS



D 2/P3 TOP OF INTER. STUD WALLS & PARTITIONS

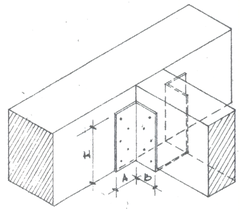


E 2/P3 POST AND BEAM CONNECTORS



1/2" PLYSCORD SHEATHING GRADE C-D

NAILING : ed @ 6" cc. all panel edges except where noted otherwise
ed @ 12" cc int. supports
all panel edges shall fall on ℄ of joists or blocking.

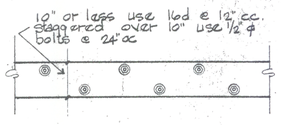


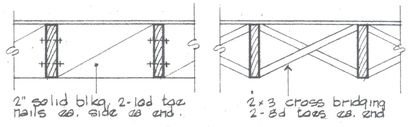
nominal width
2" joist ; 1 5/8"
3" joist ; 2 5/8"
4" joist ; 3 5/8"

use Simpson joist hanger or approved equal

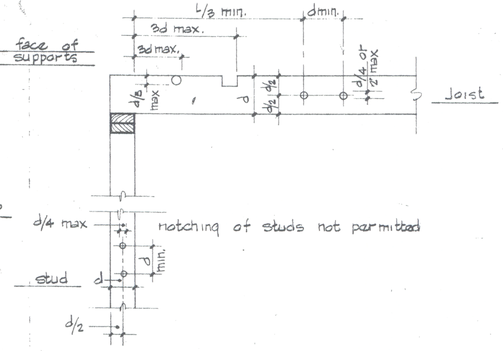
Joist SIZE	DIMENSIONS A	B	H	NAILS A	B
2x6	1"	2"	5"	3-8d	2-8d
2x8	1"	2"	5"	3-16d	3-8d
2x10	1"	2"	8 1/8"	4-16d	3-8d
2x12	1"	2"	8 1/8"	5-16d	4-8d
2x14	1"	2"	10 1/4"	6-16d	4-8d
4x8	1"	2"	5"	4-16d	3-8d
4x10	1"	2"	8 1/2"	5-16d	3-8d
4x12	1"	2"	10 1/4"	6-16d	4-8d

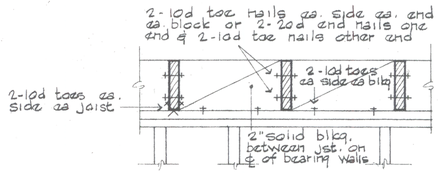
F 2/P3 TYPICAL BUILT-UP BEAMS





G 2/P3 TYPICAL BLOCKING BETWEEN JOISTS



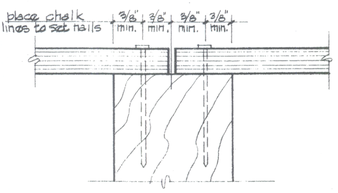


I 2/P3 TYP. CONN. TOP OF BEARING STUD WALL TO JOISTS

M 2/P3 HOLES AND NOTCHES IN JOISTS HOLES IN STUDS

H 2/P3 TYPICAL PLYWOOD ROOF DIAPHRAGM

Place so that plywood splice is exactly at the center of stud or joist



see plans and specifications for nail size and spacing

J 2/P3 JOIST HANGER AND NAILING SCHEDULE

DESIGNATION	PLYW THICKNESS	EDGE NAILING	INTERMEDIATE NAILING	RDWD SILL NAILING
"A"	3/8"	8d @ 6"	8d @ 12"	8d @ 6"
"B"	1/2"	10d @ 4"	10d @ 12"	10d @ 3"
"C"	1/2" both sides	10d @ 4"	"	10d @ 2"
"D"	1/2"	10d @ 2 1/2"	"	10d @ 2"

O 2/P3 WALL NAILING SCHEDULE

DESIGNATION	PLYW THICKNESS	EDGE NAILING	INTERMEDIATE NAILING	BLOCKED EDGES
F	1/2"	8d @ 6"	8d @ 12"	No
G	5/8"	8d @ 6"	8d @ 12"	No
H	5/8"	10d @ 6"	10d @ 12"	YES

Note: Use plyclips @ unblk'd edges

BOLTED TIMBER CONNECTIONS

all bolts in timber conn. are machine bolts with plate washer under heads and nuts bearing on wood, except where shown otherwise, min. sizes of plate washer to be used with bolts, bearing on wood are given below.

SIZE OF BOLT	SIZE OF PLATE WASHER
1/2" ϕ	2" x 2" x 1/4"
5/8" ϕ	2 1/2" x 2 1/2" x 1/4"
3/4" ϕ	3" x 3" x 5/16"
7/8" ϕ	3 1/2" x 3 1/2" x 3/8"
1" ϕ	4" x 4" x 7/16"

all washers exposed to view shall be malleable iron washers unless shown otherwise

holes in timber shall be drilled with a bit 1/32" larger than nominal diameter of bolt.

holes in plate washer & metal plates used in timber conn. may be punched with dia 1/16" larger than nominal bolt dia.

ABBREVIATIONS

AB.	- anchor bolt with 2" min. bend
CJ	- construction joint
DF.	- douglas fir
E.F.	- each face
E.J.	- expansion joint
E.W.	- each way
J.H.	- joist hangers
M.B	- unfinished machine bolts
M.I.	- malleable iron
RDWD	- redwood
S.A.D.	- see arch. drawing
N.T.S.	- not to scale
typ.	- typical for similar details
T&G	- tongue and groove
W.W.F.	- welded wire fabric
S.S.	- select structural
H.D	- hold down
Pl.	- plate
O.H.	- opposite hand

LAG SCREWS

1. The lead holes for the threaded portion shall have a diameter equal to 75 percent, and a length equal to at least the length of the threaded portion
2. The lead hole for the shank shall have the same diameter as the shank, and the same depth as the length of unthreaded portion.
3. The threaded portion of the screw shall be inserted in its lead hole by turning with a wrench, not by driving with a hammer
4. Soap or other lubricant shall be used on the screws or in the lead hole to facilitate insertion and prevent damage to the screw.

N 2/P3 STRUCTURAL PLYWD SPLICE

P 2/P3 ROOF NAILING SCHEDULE

TYPICAL FRAMING DETAILS

JOB # 1-15-10
DATE: 2-25-10
DRAWN: HSW
CHECKED:
APPROVED:

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SHEET NO.
S13
OF 15