

Path  
Concept  
House

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Key Plan

Revisions

No. 01 Date 11/24/06  
General Revisions

Wall Types

Date  
10/31/06

Principal In Charge  
B.K.

Project Designer  
M.B.

Project Architect.  
F.S.

Drawn  
B.K., F.S.

Job No.  
05127.03

Scale  
1/2" = 1'- 0"

Drawing No.

A701

NOTES FOR ROOF ASSEMBLIES

RWJ3

ROOF TYPE SYMBOL

1ST LETTER INDICATES FLOOR OR ROOF  
F FLOOR  
R ROOF  
2ND LETTER INDICATES STRUCTURAL MATERIAL  
C CONCRETE  
S STEEL  
W WOOD  
3RD LETTER INDICATES TYPE OF FRAMING  
T ROOF TRUSSES  
R ROOF RAFTERS  
J JOISTS  
I "I" SHAPED JOISTS  
O OPEN WEB TRUSSES  
B "B" BEAMS  
P POURED IN PLACE CONCRETE  
T POST TENSION SLAB  
4TH SPACE IS FOR ASSEMBLY NUMBER  
5TH SPACE INDICATES TYPE OF INSULATION IF USED  
R RIGID INSULATION  
B BLOWN INSULATION

NOTES FOR FLOOR ASSEMBLIES

FWJ3

FLOOR TYPE SYMBOL

1ST LETTER INDICATES FLOOR OR ROOF  
F FLOOR  
R ROOF  
2ND LETTER INDICATES STRUCTURAL MATERIAL  
C CONCRETE  
S STEEL  
W WOOD  
3RD LETTER INDICATES TYPE OF FRAMING  
T ROOF TRUSSES  
R ROOF RAFTERS  
J JOISTS  
I "I" SHAPED JOISTS  
O OPEN WEB TRUSSES  
B "B" BEAMS  
P POURED IN PLACE CONCRETE  
T POST TENSION SLAB  
4TH SPACE IS FOR ASSEMBLY NUMBER  
5TH SPACE INDICATES TYPE OF INSULATION IF USED  
S SOUND INSULATION  
R RIGID INSULATION  
- NO INSULATION

NOTES FOR WOOD, CONCRETE  
MASONRY UNIT, & CONCRETE WALLS

WI  
47

WALL TYPE SYMBOL

1ST LETTER INDICATES PRIMARY MATERIAL  
B BRICK  
C CONCRETE  
D WOOD FURRING  
F STEEL FURRING  
M MASONRY  
N STONE  
S STEEL STUDS  
W WOOD STUDS

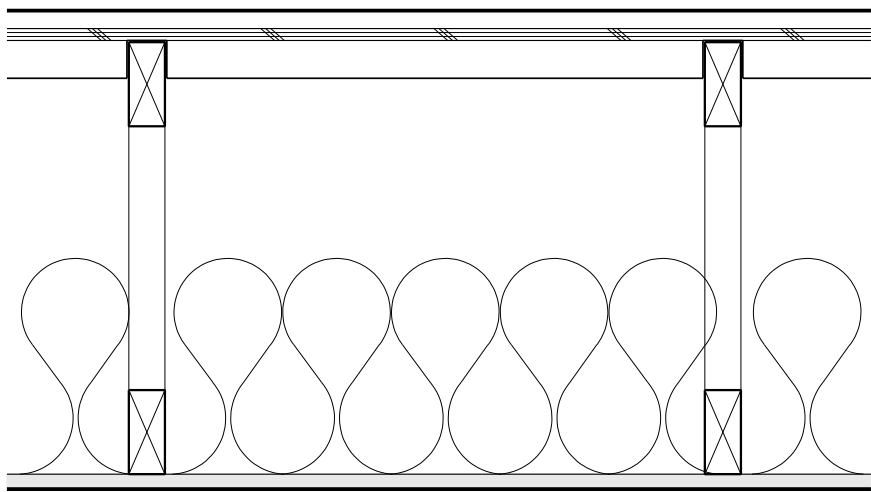
2ND LETTER @ INTERIOR WALLS  
INDICATES INSULATION  
I BATT INSULATION  
O NO INSULATION

2ND LETTER @ EXT WALLS INDICATES EXT FINISH  
MATERIAL (ALL EXT WALLS HAVE BATT INSUL)  
A ALUMINUM PANELS  
B BRICK  
E EXTERIOR INSULATION FINISHING SYSTEM  
F FIBER CEMENT PANELS  
K CURTAIN WALL  
M CMU  
N STONE  
P PRECAST  
S STUCCO  
X SIDING

BOTTOM NUMBERS FOR WOOD, CONCRETE, OR MASONRY  
WALLS

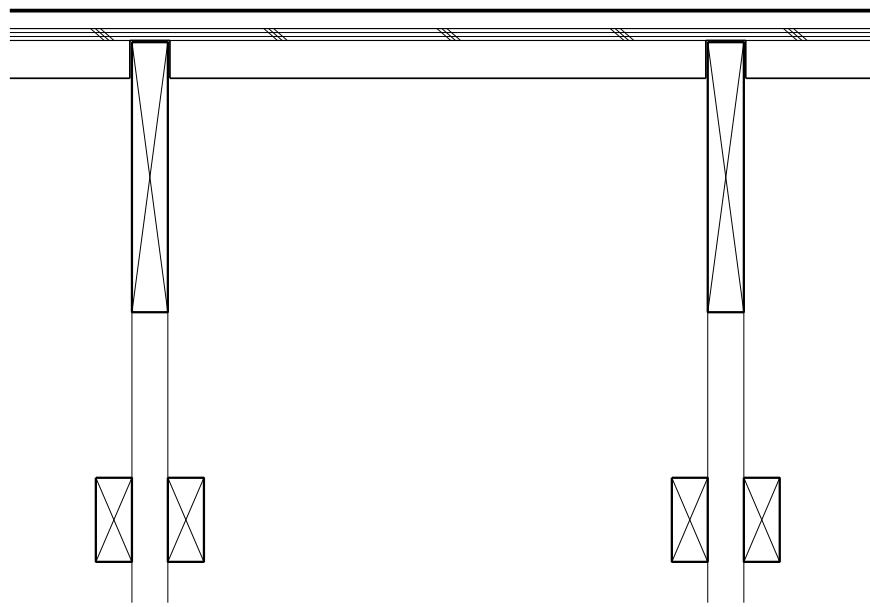
|       | WOOD<br>FURRING (D) | WOOD<br>STUDS (W) | CONC (C) OR<br>MASONRY (M) |
|-------|---------------------|-------------------|----------------------------|
| 00-09 | 1 X 2S              | 1 X 2S            |                            |
| 10-19 | 2 X 2S              | 2 X 2S            |                            |
| 20-29 | 2 X 3S              | 2 X 3S            |                            |
| 30-39 | 2 X 4S              | 2 X 4S            |                            |
| 40-49 | 2 X 4S              | 2 X 4S            | 4" THICK                   |
| 50-59 | 2 X 6S              | 2 X 6S            |                            |
| 60-69 | 2 X 6S              | 2 X 6S            | 6" THICK                   |
| 70-79 | CHASE WALLS         | CHASE WALLS       | CHASE WALLS                |

ROOF CEILING ASSEMBLIES



STANDING SEAM METAL ROOF  
15# FELT (1 LAYER IF SLOPE IS GREATER THAN 4:12) (2 LAYERS IF SLOPE IS  
BETW 3 TO 4:12)  
1/2" OSB SHEATHING W/ CLIPS (SIMPSON PSC OR EQUAL)  
1 1/2" OF AIR GAP WITH RAFTER CAPS  
TYVEC ATTICWRAP  
WD TRUSSES @ MAX 24" OC UOI  
SEE ROOF FRAMING PLANS  
R-30 INSULATION - OR  
BIOBASED SYSTEMS 501 SPRAY FOAM  
1/2" GYP BD  
(PROVIDE MODIFIED BITUMEN UNDERLAYMENT FROM EAVE TO BEYOND - 24"  
INSIDE INTERIOR FACE OF EXT WALL)

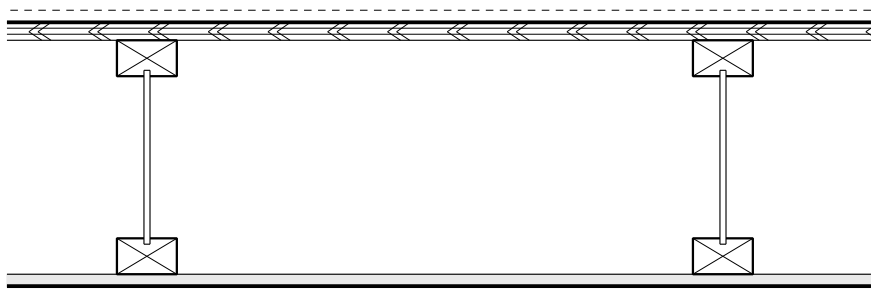
RWT6B



STANDING SEAM METAL ROOF  
15# FELT (1 LAYER IF SLOPE IS GREATER THAN 4:12) (2 LAYERS IF SLOPE IS  
BETW 3 TO 4:12)  
1/2" OSB SHEATHING W/ CLIPS (SIMPSON PSC OR EQUAL)  
1 1/2" OF AIR GAP WITH RAFTER CAPS  
TYVEC ATTICWRAP  
WD RAFTERS @ MAX 24" OC UOI  
SEE ROOF FRAMING PLANS  
(PROVIDE MODIFIED BITUMEN UNDERLAYMENT FROM EAVE TO BEYOND - 24"  
INSIDE INTERIOR FACE OF EXT WALL)

RWR1

FLOOR CEILING ASSEMBLIES



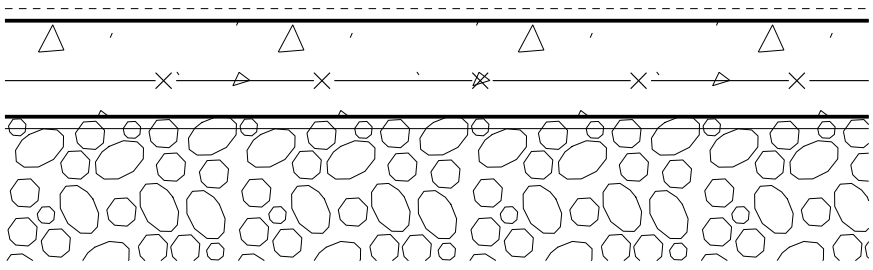
FINISH FLOOR AS SCHEDULED  
3/4" T & G PLYWOOD SUBFLOOR GLUED & NAILED  
PLYWOOD WEB JOISTS (FOR SIZING & SPACING SEE FLOOR FRAMING  
PLANS)  
1/2" GYP BD

FWI1-

FWI1B

WITH R-19 INSULATION

FLOOR ASSEMBLIES



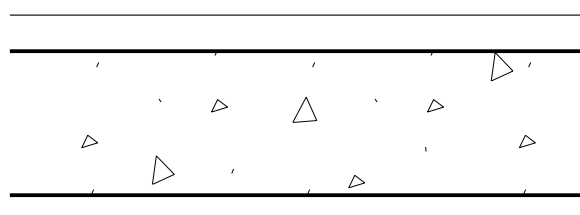
FINISH FLOOR AS SCHEDULED  
MIN 4" CONCRETE SLAB  
WIRE MESH  
VAPOR BARRIER  
DRAINAGE COURSE

FCI-

FCIS

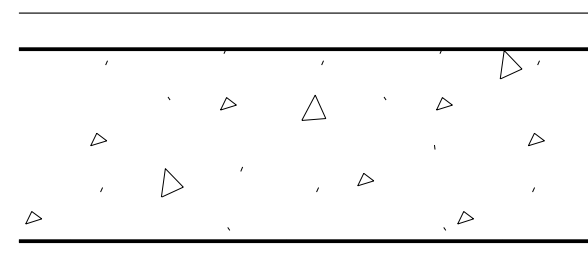
(WITHOUT VAPOR BARRIER)

WALL TYPES



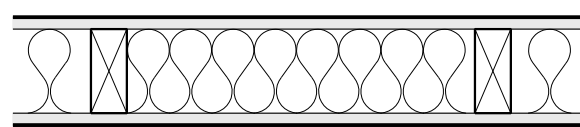
9/16" ICF (PS-3800)

CI  
60



11" ICF (PS-3800)

CI  
80



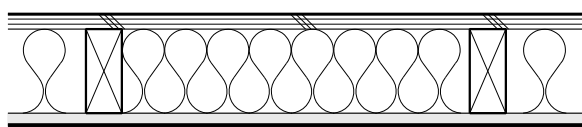
1/2" GYP BD  
2 X 4 WD STUDS  
(BASEMENT AND FIRST FLOOR  
BEARING WALLS @ 16" O.C. - ALL  
OTHER INTERIOR PARTITIONS 24" O.C.)  
R-13 INSULATION - OR  
BIOBASED SYSTEMS 501 SPRAY FOAM  
1/2" GYP BD

WO  
30

W/O INSUL

WI  
30

WI INSUL



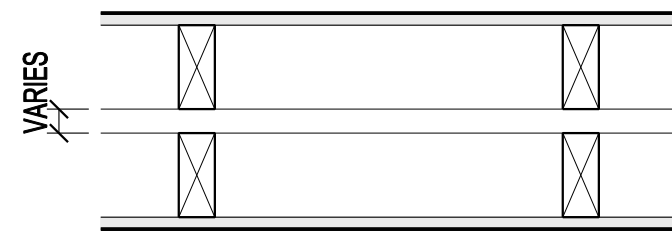
SIDING  
WEATHER BARRIER  
MIN 1/4" OSB OR PLYWD SHEATHING  
2 X 4 WD STUDS  
(FIRST FLOOR EXTERIOR WALLS @ 16" O.C.  
ALL OTHER EXTERIOR WALLS @ 24" O.C.)  
R-13 BATT INSUL - OR  
BIOBASED SYSTEMS 501 SPRAY FOAM  
1/2" GYP BD

WX  
31



SIDING  
WEATHER BARRIER  
MIN 1/4" OSB OR PLYWD SHEATHING  
2 X 4 WD STUDS  
(FIRST FLOOR WALLS @ 16" O.C.  
ALL OTHER EXTERIOR WALLS @ 24" O.C.)

WX  
32



1/2" GYP BD  
2 X 4 WD STUDS @ 24" O.C.  
AIR SPACE  
2 X 4 WD STUDS @ 24" O.C.  
1/2" GYP BD

WO  
70