



1 LOFT FRAMING PLAN
SCALE-1/4"=1'-0"
FILE- HUD-A2

GENERAL NOTES:

1. ALL DOOR & WINDOW HEADERS TO BE 6x8 D.F. #2 UNLESS OTHERWISE NOTED
2. PROVIDE 2x8 R.S. FASCIA @ ALL NEW RAFTER TAILS
3. ALL DOOR & WINDOW KING-POSTS TO BE 2x D.F. #2 W/TRIMMERS (DBL. 2x'S @ +6'-0" OPENINGS)
4. ALL TRUSS DESIGN & SPEC.'S SHALL BE PROVIDED BY TRUSS MFR.
5. TYPICAL ROOF COVER SHALL INCLUDE: CONC. SPANISH TILES O/ 40# FELT O/ROOF DIAPHRAGM SHEATHING
6. SEE U.B.C. TABLE 25-Q FOR TYPICAL NAILING SCHEDULE FOR ALL FRAMING MEMBERS & SHEATHING TO WOOD SUPPORTS
7. SEE U.B.C. TABLE 47-C FOR TYP. FASTENING SCHEDULE FOR LATHE & PLASTER TO WOOD SUPPORTS
8. SEE U.B.C. TABLE 47-G FOR TYP. NAILING SCHEDULE FOR GYPSUM BD. TO WOOD SUPPORTS

TRUSS-JOIST NOTES

MINIMUM BEARING LENGTH

- 1-3/4" MINIMUM BEARING REQUIRED AT JOIST ENDS;
3-1/2" MINIMUM BEARING AT INTERMEDIATE SUPPORTS.
- RIM JOISTS OR BLOCKING**
1. ASSUMES 1000 P.F. VERTICAL LOAD TRANSFER FOR EACH LAYER OF 3/4" CDX PLYWOOD RIM JOIST.
 2. ASSUMES 2000 P.F. VERTICAL LOAD TRANSFER FOR EACH TOP JOIST BLOCKING PANEL OR RIM JOIST.
 3. WHEN PLYWOOD RIM IS USED, BRACING COMPLYING WITH CODE SHALL BE CARRIED TO THE FOUNDATION OR TOP JOIST SOLID BLOCKING USED FOR A MINIMUM 4' AT EACH END AND AT LEAST 4' EVERY 25' OF LENGTH OF BEARING WALL.
 4. OTHER 3/4" APA 48/24 RATED SHEATHING MAY BE USED FOR RIM JOIST IN LIEU OF 3/4" CDX PLYWOOD.

GENERAL NOTES:

- MINIMUM SLOPE**
UNLESS OTHERWISE NOTED, ALL DETAILS ARE W/ALD TO MINIMUM 12/12 SLOPE.
- MINIMUM BEARING**
1-3/4" MINIMUM BEARING REQUIRED AT JOIST ENDS; 3-1/2" MINIMUM BEARING AT INTERMEDIATE SUPPORTS.
- BROSKMOUTH CUT ONLY AT THE LOW END OF THE JOIST.**
TOP JOIST FLANGE MAY BE BROSKMOUTH CUT ONLY AT THE LOW END OF THE JOIST. BROSKMOUTH CUT MUST NOT OVERHANG INSIDE FACE OF PLATE, SO THAT TOP JOIST FLANGE BEAMS FULLY ON PLATE.
- LATERAL SUPPORT**
ALL ROOF JOIST END BEAMS MUST BE LATERALLY SUPPORTED. USE TOP JOIST BLOCKING OR METAL OR WOOD X-BRACING.
- VENTILATION**
1-1/2" KNOCKOUT HOLES AT 12" O.C. MAY BE USED FOR CROSS-VENTILATION OF JOIST SPACE. CONSULT AN EXPERT ON VENTILATION FOR SPECIFIC REQUIREMENTS.

NAILING REQUIREMENTS

1. NAIL JOISTS AT BEARING WITH 2-8d NAILS @ EACH SIDE, 1-1/2" MINIMUM FROM END TO AVOID SPLITTING.
 2. NAIL TOP JOIST BLOCKING OR RIM TO BEARING PLATE WITH 8d NAILS AT 6" ON CENTER. WHEN USED FOR SHEAR TRANSFER NAIL TO BEARING PLATE WITH SAME NAILING AS THE PLYWOOD SHEAR SCHEDULE.
 3. NAIL TOP RIM JOIST, 3/4" CDX PLYWOOD RIM, OR PLYWOOD CLOSURE TO TOP JOIST WITH 2-8d NAILS. ONE EACH AT TOP AND BOTTOM FLANGE. WITH 14" AND 16" TOP RIM JOISTS, USE 16d NAILS.
- FILLER AND BACKER BLOCKS**
9-1/2" AND 11-7/8" TOP JOIST:
FILLER BLOCK - 2x6
BACKER BLOCK - 2x6
14" AND 16" TOP JOIST:
FILLER BLOCK - 2x6 + 1/2" PLYWOOD
BACKER BLOCK - 2 PLY 1/2" PLYWOOD

1 BSMNT. FRAMING PLAN
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NAILING OF SHEATHING TO TOP FLANGE

Nail Size	Closest O.C. spacing per row
8d box	2'
8d common	2'
10d, 12d box	2'
10d, 12d common	3'

- MINIMUM SPACING OF WALLS IS:**
18" O.C. FOR 9-1/2" AND 11-7/8" JOISTS
24" O.C. FOR 14" AND 16" JOISTS
- F. MORE THAN 1 ROW OF WALLS IS USED.**
THE ROWS MUST BE OFFSET AT LEAST 1/2".
14 GA. STRIPS MAY BE SUBSTITUTED FOR 8d NAILS IF MINIMUM PENETRATION OF 1" INTO THE JOIST IS ACHIEVED.

JOB #	0001
FILE	HUD-A2
DATE	8-9-90
DRAWN	DSA
SHEET #	S-4

REVISION	DATE	BY

CUSTOM HOME FOR THE HUDDLESTONS

DO NOT SCALE DRAWINGS

ALL WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY DIMENSIONAL ERROR.

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