

FLOOR FRAMING NOTES

- DO NOT SCALE DRAWINGS. USE ONLY DIMENSIONS SHOWN ON DRAWINGS. IF DIMENSIONS ARE NOT SHOWN, THE BUILDER SHALL CONSULT THE ARCHITECT FOR CLARIFICATION OF THE INTENT OF THE DRAWING. ALL DIMENSIONS AND CONDITIONS ARE TO BE MAINTAINED UNLESS OTHERWISE NOTED.
- SEE THE ROOF DRAWING FOR HEADERS ABOVE SLABS OR FLOOR SLABS. SEE THE ROOF DRAWING FOR THE LOCATION OF THE TRUSSES.
- APPLYING ANY LOADS EXCEPT THE WEIGHT OF THE TRUSSES.
- DECK SHALL BEAR UNIFORMLY ALONG THE TOP CHORDS OF THE TRUSSES.
- FLOOR DECK SHALL BE 2X12 SPACING 16" ON CENTER.
- HOLD ROOF DECKING PANELS AGAINST AS RECOMMENDED BY DECKING MANUFACTURER.
- HOLD ROOF DECKING PANELS AWAY FROM PERIMETER FLOOR DECK AS RECOMMENDED BY DECKING MANUFACTURER.
- FLOOR DECK SHALL BE 1/2" ABOVE FINISH FLOOR GRADE.

ROOF FRAMING NOTES:

- ALL DIMENSIONS ARE TO CENTER OF BEAM, GUTTER, TRUSS OR JOIST UNLESS OTHERWISE NOTED.
- RAFTER TRUSSES OR JOIST BEARING EXISTENCE IS HIGHER ABOVE SLABS OR ON FLOOR SLABS. SEE WALL BEARING FOR CLARIFICATION.
- INSTALL ALL BRACING AND PERMANENTLY FASTEN JOISTS INTO PLACE BEFORE APPLYING ANY LOADS EXCEPT THE WEIGHT OF THE STRUCTURE.
- ROOF DECK SHALL BE 1/2" EXPOSURE 1 PLYWOOD.
- HOLD ROOF DECKING PANELS AGAINST AS RECOMMENDED BY DECKING MANUFACTURER.
- HOLD ROOF DECKING PANELS AWAY FROM PERIMETER ROOF DECK AS RECOMMENDED BY DECKING MANUFACTURER TO ALLOW FOR EXPANSION AND CONTRACTION.
- ALL JOISTS, TRUSS STUDS AND VALLEY RAFTERS SHALL BE ONE SET LARGER THAN THE NEXT SET. TRUSS STUDS SHALL BE ONE SET LARGER THAN THE NEXT SET. ALL JOISTS SHALL BE DIMENSIONED TO FIT OVER THE NEXT SET.

ROOF PLAN NOTES

- DO NOT SCALE DRAWINGS. USE ONLY DIM. SHOWN ON DRAWINGS. IF DIMENSIONS ARE NOT SHOWN, THE BUILDER SHALL CONSULT THE ARCHITECT FOR CLARIFICATION OF THE INTENT OF THE DRAWING. ALL DIMENSIONS AND CONDITIONS ARE TO BE MAINTAINED UNLESS OTHERWISE NOTED.
- SEE THE ROOF DRAWING FOR HEADERS ABOVE SLABS OR FLOOR SLABS. SEE THE ROOF DRAWING FOR THE LOCATION OF THE TRUSSES.
- APPLYING ANY LOADS EXCEPT THE WEIGHT OF THE TRUSSES.
- DECK SHALL BEAR UNIFORMLY ALONG THE TOP CHORDS OF THE TRUSSES.
- FLOOR DECK SHALL BE 2X12 SPACING 16" ON CENTER.
- HOLD ROOF DECKING PANELS AGAINST AS RECOMMENDED BY DECKING MANUFACTURER.
- HOLD ROOF DECKING PANELS AWAY FROM PERIMETER FLOOR DECK AS RECOMMENDED BY DECKING MANUFACTURER.
- FLOOR DECK SHALL BE 1/2" ABOVE FINISH FLOOR GRADE.

ROOF UNDERLAYMENT APPLICATION

FOR ROOF SLOPES FROM TWO LIMITS VERTICAL IN 12 LIMITS HORIZONTAL (12:12) THROUGH FIVE LIMITS VERTICAL IN 12 LIMITS HORIZONTAL (5:12) THROUGH ONE LIMIT VERTICAL IN 12 LIMITS HORIZONTAL (1:12) THROUGH THE FOLLOWING NUMBER OF SHEETS OF UNDERLAYMENT SHALL BE APPLIED AS FOLLOWS:

- 1. ONE SHEET OF UNDERLAYMENT SHALL BE APPLIED OVER THE ENTIRE AREA OF THE ROOF.
- 2. TWO SHEETS OF UNDERLAYMENT SHALL BE APPLIED OVER THE ENTIRE AREA OF THE ROOF.
- 3. THREE SHEETS OF UNDERLAYMENT SHALL BE APPLIED OVER THE ENTIRE AREA OF THE ROOF.

WALL SHEATH. OR CLAD. REQ. FOR WIND LOAD-EXP. B

SHEATHING LOCATION	STUD SPAC. (IN.)	MAX. WALL SPAC. FOR BD NAILS (INCHES, O.C.)	E	F
INTERIOR ZONE	12" O.C.	12	12	12
PERIMETER ZONE	12" O.C.	12	12	12
130 MPH WINDS-EXPOSURE "B" (17-1)	12" O.C.	12	12	12

ROOF SHEATH. OR CLAD. REQ. FOR WIND LOAD-EXP. B

SHEATHING TRUSS LOCATION	PATTER/ MAX. WALL SPAC. FOR BD NAILS (INCHES, O.C.)	E	F
INTERIOR ZONE	12" O.C.	12	12
PERIMETER ZONE	12" O.C.	12	12
130 MPH WINDS-EXPOSURE "B" (17-1)	12" O.C.	12	12

UPLIFT CONNECTIONS-130MPH WINDS EXP. "B"

CONNECTION	FRAMING	ROOF	U	L	S
ROOF ASSEMBLY TO WALL ASSEMBLY	18" O.C.	17	388	246	100K
WALL ASSEMBLY TO WALL FOUNDATION	18" O.C.	17	388	246	100K
WALL ASSEMBLY TO WALL FOUNDATION	18" O.C.	17	388	246	100K

HEADER SPANS-FOR INT. LOADBEARING WALLS

HEADER SUPPORTING	BLDG. WIDTH (FT.)	SPAN (FT.)	NO. FULL HGT STUDS REQ. AT EA. END
ONE FLOOR (OTHER BEAMS)	12	24	36
2	12	24	36
3	12	24	36
4	12	24	36
5	12	24	36
6	12	24	36
7	12	24	36
8	12	24	36
9	12	24	36
10	12	24	36
11	12	24	36
12	12	24	36
13	12	24	36
14	12	24	36
15	12	24	36
16	12	24	36
17	12	24	36
18	12	24	36
19	12	24	36
20	12	24	36
21	12	24	36
22	12	24	36
23	12	24	36
24	12	24	36
25	12	24	36
26	12	24	36
27	12	24	36
28	12	24	36
29	12	24	36
30	12	24	36
31	12	24	36
32	12	24	36
33	12	24	36
34	12	24	36
35	12	24	36
36	12	24	36
37	12	24	36
38	12	24	36
39	12	24	36
40	12	24	36
41	12	24	36
42	12	24	36
43	12	24	36
44	12	24	36
45	12	24	36
46	12	24	36
47	12	24	36
48	12	24	36
49	12	24	36
50	12	24	36
51	12	24	36
52	12	24	36
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61	12	24	36
62	12	24	36
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64	12	24	36
65	12	24	36
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67	12	24	36
68	12	24	36
69	12	24	36
70	12	24	36
71	12	24	36
72	12	24	36
73	12	24	36
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76	12	24	36
77	12	24	36
78	12	24	36
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81	12	24	36
82	12	24	36
83	12	24	36
84	12	24	36
85	12	24	36
86	12	24	36
87	12	24	36
88	12	24	36
89	12	24	36
90	12	24	36
91	12	24	36
92	12	24	36
93	12	24	36
94	12	24	36
95	12	24	36
96	12	24	36
97	12	24	36
98	12	24	36
99	12	24	36
100	12	24	36

HEADER SPANS-EXPOSURE B FOR EXTERIOR LOADBEARING WALLS

HEADER SUPPORTING	BLDG. WIDTH (FT.)	SPAN (FT.)	NO. FULL HGT STUDS REQ. AT EA. END
ONE FLOOR (OTHER BEAMS)	12	24	36
2	12	24	36
3	12	24	36
4	12	24	36
5	12	24	36
6	12	24	36
7	12	24	36
8	12	24	36
9	12	24	36
10	12	24	36
11	12	24	36
12	12	24	36
13	12	24	36
14	12	24	36
15	12	24	36
16	12	24	36
17	12	24	36
18	12	24	36
19	12	24	36
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43	12	24	36
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69	12	24	36
70	12	24	36
71	12	24	36
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87	12	24	36
88	12	24	36
89	12	24	36
90	12	24	36
91	12	24	36
92	12	24	36
93	12	24	36
94	12	24	36
95	12	24	36
96	12	24	36
97	12	24	36
98	12	24	36
99	12	24	36
100	12	24	36

VENTILATION NOTES:

- ALL ATTICS, CRAWL SPACES AND OTHER CONCEALED AREAS SHALL BE VENTILATED AS PER LOCAL BUILDING CODES.
- SOFFIT VENT SHALL BE EQUAL TO AIR VENT 2" COM. AIRL. SPLIT VENT.
- ROOF VENTS SHALL BE AIR VENT ROOF DECK CUT ROOF DECK BACK TO PROVIDE AIR SELECTION COLOR.
- WHERE DUE TO CONCRETE VENTS ARE INSTALLED, INSULATION SHALL NOT BLOCK THE AIR FLOW THROUGH THE VENT.
- THE UNDER-FLOOR SPACE BETWEEN THE BOTTOM OF THE FLOOR JOISTS AND THE EXISTING UNDER FLOOR CEILING SHALL BE VENTILATED BY A BARRIER ON CEILING AND THE ROOF STRUCTURE. OF 1" SPACE SHALL BE PROVIDED BETWEEN INSULATION AND THE ROOF STRUCTURE.
- THE UNDER-FLOOR SPACE BETWEEN THE BOTTOM OF THE FLOOR JOISTS AND THE EXISTING UNDER FLOOR CEILING SHALL BE VENTILATED BY A BARRIER ON CEILING AND THE ROOF STRUCTURE. OF 1" SPACE SHALL BE PROVIDED BETWEEN INSULATION AND THE ROOF STRUCTURE.
- THE UNDER-FLOOR SPACE BETWEEN THE BOTTOM OF THE FLOOR JOISTS AND THE EXISTING UNDER FLOOR CEILING SHALL BE VENTILATED BY A BARRIER ON CEILING AND THE ROOF STRUCTURE. OF 1" SPACE SHALL BE PROVIDED BETWEEN INSULATION AND THE ROOF STRUCTURE.

SINGLE APPLICATION/FASTENING

APPLYMENT STRIP SHINGLES SHALL HAVE A MINIMUM OF SIX FASTENERS PER SHEET. THE ROOF WIND SPEED IS 130 MPH OR GREATER AND THE EAVE IS 5:12 THROUGH ONE LIMIT VERTICAL IN 12 LIMITS HORIZONTAL (1:12) THROUGH THE FOLLOWING NUMBER OF SHEETS OF UNDERLAYMENT SHALL BE APPLIED AS FOLLOWS:

- 1. ONE SHEET OF UNDERLAYMENT SHALL BE APPLIED OVER THE ENTIRE AREA OF THE ROOF.
- 2. TWO SHEETS OF UNDERLAYMENT SHALL BE APPLIED OVER THE ENTIRE AREA OF THE ROOF.
- 3. THREE SHEETS OF UNDERLAYMENT SHALL BE APPLIED OVER THE ENTIRE AREA OF THE ROOF.

JACK STUD REQ.-FOR INT. LOADBEARING WALLS

HEADER SUPPORTING	HEADER SPAN (FT.)	ROOF SPAN (FT.)	NO. JACK STUDS REQ.
ROOF AND CEILING	2	1	1
ROOF AND CEILING	4	2	2
ROOF AND CEILING	6	3	3
ROOF AND CEILING	8	4	4
ROOF AND CEILING	10	5	5
ROOF AND CEILING	12	6	6
ROOF AND CEILING	14	7	7
ROOF AND CEILING	16	8	8
ROOF AND CEILING	18	9	9
ROOF AND CEILING	20	10	10
ROOF AND CEILING	22	11	11
ROOF AND CEILING	24	12	12
ROOF AND CEILING	26	13	13
ROOF AND CEILING	28	14	14
ROOF AND CEILING	30	15	15
ROOF AND CEILING	32	16	16
ROOF AND CEILING	34	17	17
ROOF AND CEILING	36	18	18
ROOF AND CEILING	38	19	19
ROOF AND CEILING	40	20	20
ROOF AND CEILING	42	21	21
ROOF AND CEILING	44	22	22
ROOF AND CEILING	46	23	23
ROOF AND CEILING	48	24	24
ROOF AND CEILING	50	25	25