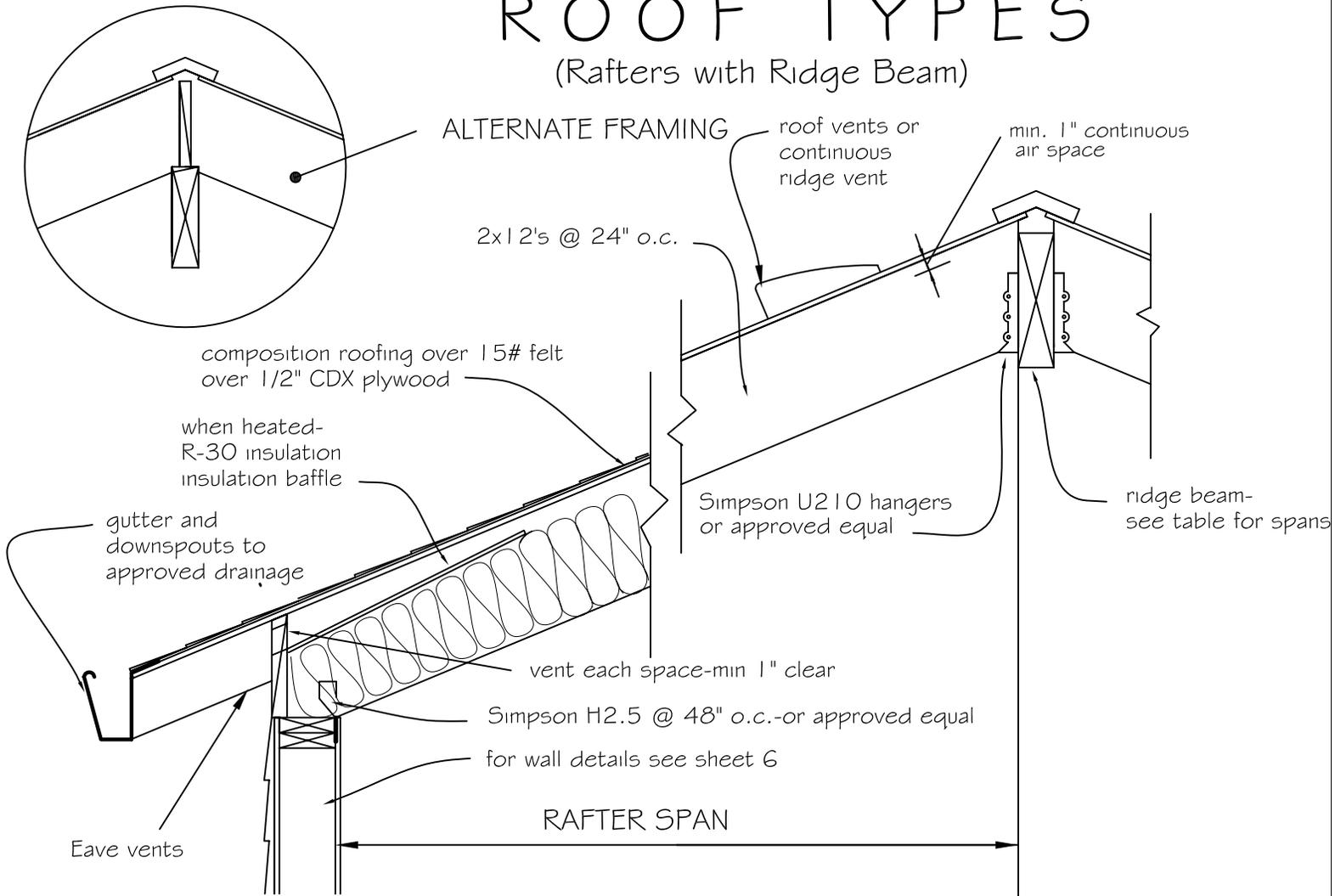


ROOF TYPES

(Rafters with Ridge Beam)



Beam Span

	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"	22'-0"	24'-0"
10'-0"	2-2x12	4x12 #1	6x12 4x16	6x14	3-1/8x12 6x16	3-1/8x13-1/2 5-1/8x12	5-1/8x13-1/2 3-1/8x15	3-1/8x16-1/2 5-1/8x13-1/2
12'-0"	2-2x12	6x12 4x12	6x12 #1 4x16 #1	3-1/8x12 5-1/8x10-1/2	3-1/8x13-1/2 5-1/8x12	3-1/8x15 5-1/8x12	3-1/8x16-1/2 5-1/8x13-1/2	3-1/8x18 5-1/8x15
14'-0"	4x14	4x14 #1 6x12 #1	3-1/8x12 6x14x #1	3-1/8x13-1/2 5-1/8x10-1/2	3-1/8x15 5-1/8x12	3-1/8x16-1/2 5-1/8x13-1/2	3-1/8x18 5-1/8x15	3-1/8x19-1/2 5-1/8x16-1/2
16'-0"	4x14	6x12 #1	3-1/8x12 6x14 #1	3-1/8x13-1/2	3-1/8x15 5-1/8x12	3-1/8x16-1/2 5-1/8x13-1/2	3-1/8x18 5-1/8x15	5-1/8x16-1/2
18'-0"	4x14 #1	6x12 #1	3-1/8x13-1/2 5-1/8x10-1/2	3-1/8x15 5-1/8x12	3-1/8x16-1/2 5-1/8x13-1/2	3-1/8x18 5-1/8x13-1/2	3-1/8x19-1/2 5-1/8x16-1/2	5-1/8x18

NOTE: 1. 3-1/8" & 5-1/8" glu-lam beams Fb = 2400 2. 2x, 4x and 6x Douglas Fir #2 Unless otherwise noted
3. Ridge beam to be supported by vertical wall or post to footings

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ROOF FRAMING (VAULTED)

scale- 3/4" = 1'-0"