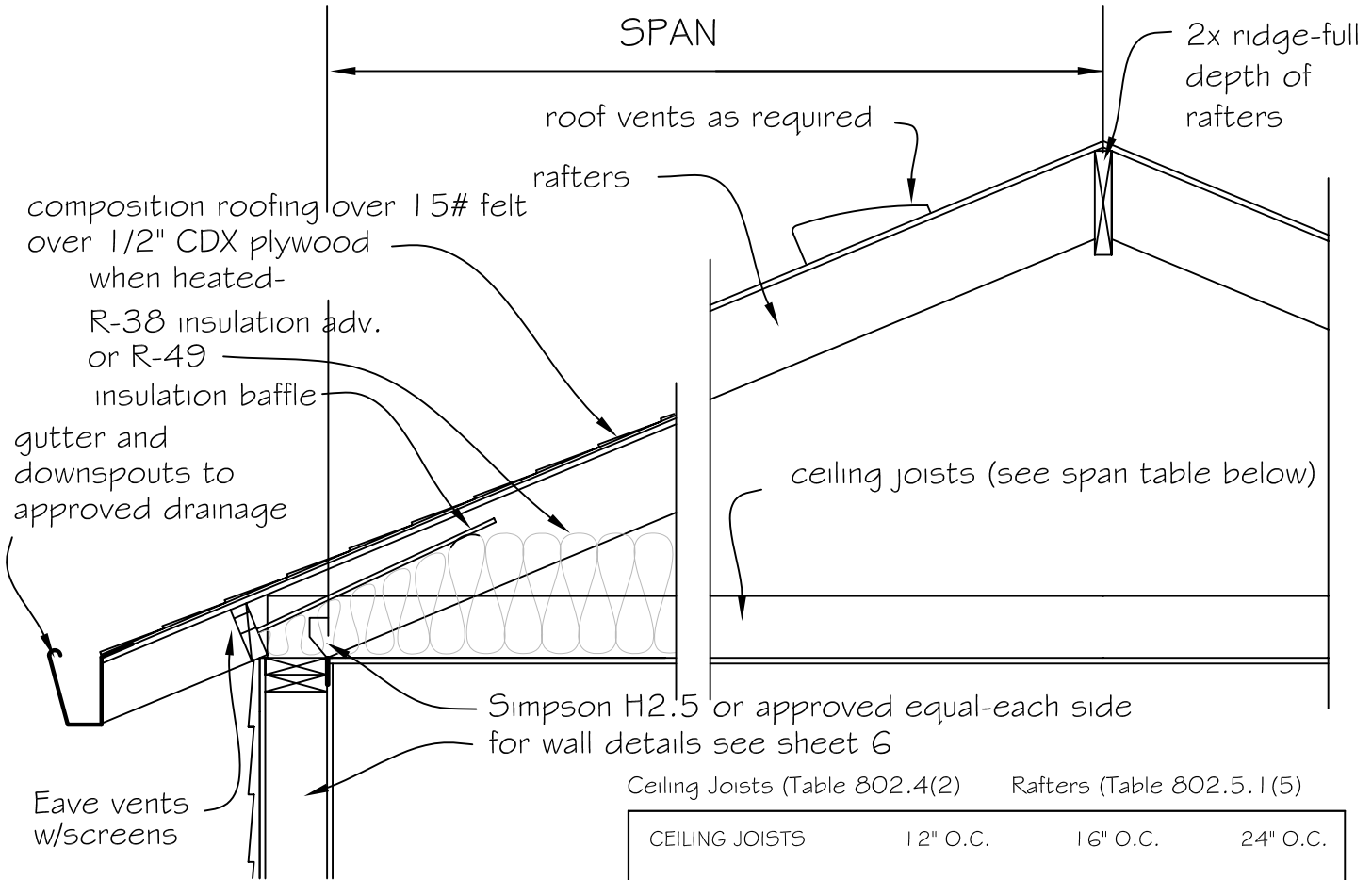


Southwest Washington Chapter of ICC

This construction detail is illustrative of the minimum standard of construction based upon the 2009 IRC / WAC 51-51



Ceiling Joists (Table 802.4(2))

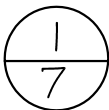
Rafters (Table 802.5.1(5))

CEILING JOISTS	12" O.C.	16" O.C.	24" O.C.
2X4	9'-10"	8'-9"	7'-2"
2X6	14'-10"	12'-10"	10'-6"
2X8	18'-9"	16'-3"	13'-3"
2X10	22'-11"	19'-10"	16'-3"

RAFTERS(SLOPE>3/12)	12"O.C.	16"O.C.	24"O.C.
2X4	8'-7"	7'-10"	6'-8"
2X6	13'-6"	11'-11"	9'-9"
2X8	17'-5"	15'-1"	12'-4"
2X10	21'-4"	18'-5"	15'-1"
2x12	24'-8"	21'-5"	17'-6"

NOTES

1. Ceiling joists to be Douglas Fir #2 or better.
2. Minimum roof slope 3 in 12.
3. Roof vent total net area to be 1/300 of roof area if 1/2 of required vents are 3'-0" above eave, otherwise 1/150 of roof area is required in roof vents.



CONVENTIONAL FRAMING

scale- 1" = 1'-0"

ROOF TYPES (Rafters with Ceiling Joists)