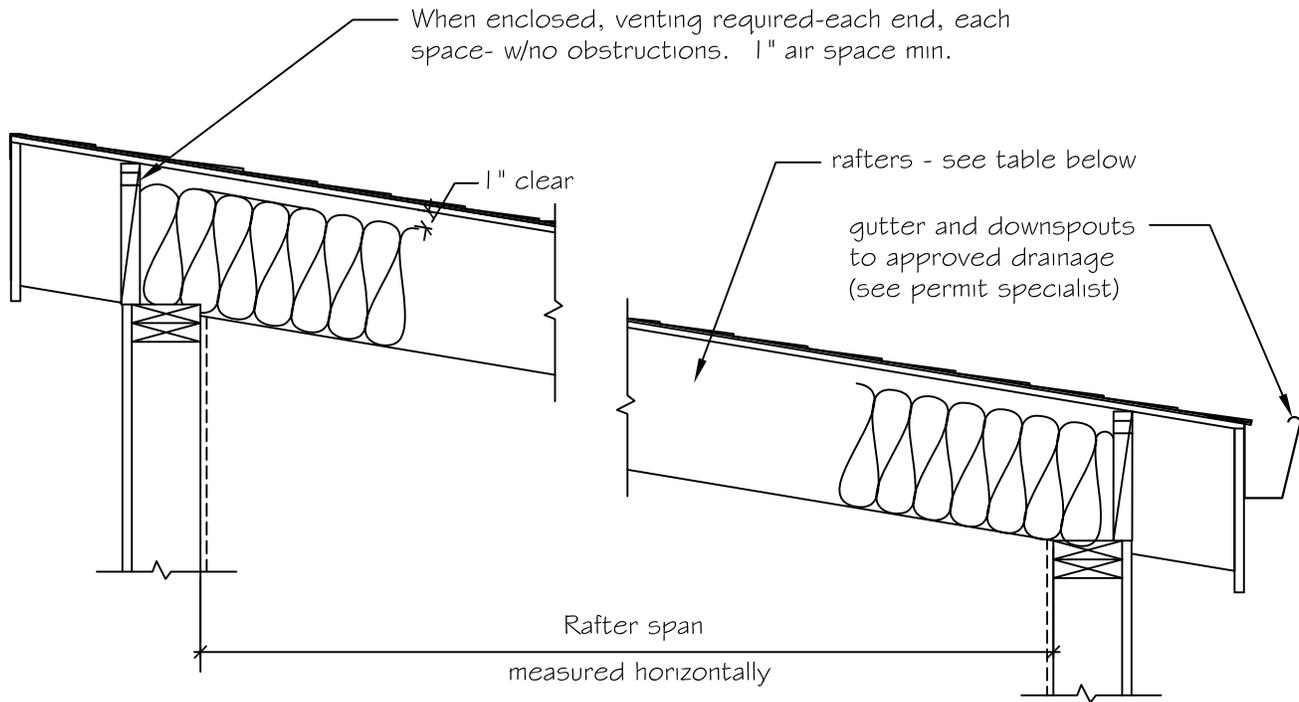


# ROOF TYPES (shed)



1  
10

## ROOF FRAMING (shed)

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

Rafter Span Table R802.5.1(5)			
ground snow load = 30 psf $L/\Delta = 240$ , dead load = 10psf			
	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:

- 2:12 slope min. for 3 tab composition roofing - for slopes 2:12 to 4:12, two layers of 15# felt required, applied shingle fashion. R905.2.7.
- Pitches less than 2:12 are to be hot mop, metal, sheet metal, rolled roofing or other approved material, applied as directed in approved manufacture's instructions.
- When ceiling is applied, vent each rafter space continuously through top and bottom blocking. When heated, insulate with R-38 insulation, using 2x12 rafters to allow one inch vent space R806.3
- When attaching to existing building show ledger, size and method of fastening joist and ledger. Show required flashing.
- Rafters are D.F. #2 per IRC Table R802.5.1(5).