

Single Family Residential Addition

2x _____ rafters spaced _____" O.C. or
Manufactured Trusses spaced _____" O.C.
(example: 2 x 12 Rafters Spaced 24" O.C.)

Sheathing _____
(example: 1/2" exterior plywood)

Minimum 1x _____ ridge board
(example: 1 x 12)

Roof covering _____
(example: Class A 3 tab shingles)

Note: For roofs with slopes less than 4:12, follow manufacturer's instructions for low slope application of roofing material.

12
pitch 1

Underlayment _____
(example: 1 layer 15# felt)

Building Section

Note: Attic ventilation and access may be required

Provide roof tie downs
Solid 2x blocking between rafters that are 2x12 or greater

Ceiling Insulation _____
(example: R-38)

Wall Insulation _____
(example: R-19 Fiberglass Batts)

2x _____ ceiling joists @ _____ O.C.
(example: 2 x 8 @ 24" O.C.)

Double 2x _____ top plate
(example: 2 x 6)

Span _____
(example: 23' 5")

Ceiling height _____
(example: 8')

Siding _____
(example: lap or F-111)

Wall sheathing _____
(example: 1/2" exterior plywood)

2x _____ studs @ _____ O.C.
(example: 2 x 6 @ 24" O.C.)

Cont. 2x _____ sill plate
(example: 2 x 4)

2x _____ Joists @ _____ O.C.
(example: 2x10 @ 24" O.C.)

Wall width _____"
(example: 8")

Footing size _____" x _____"
(example: 8" x 16")

Note: Pre-engineered roof trusses w/truss clips may be used in lieu of roof structure shown.

Diagonal wind bracing or braced wall panels @ corners and each 25' of wall.

Note: Pre-engineered floor systems may be used and should be installed according to the manufacturers installation instructions.

Access required

18" minimum from the interior grade level to the bottom of the floor joists.

Floor over non-conditioned space=
R-21 Insulation

✓ Check one

- ☐ Foundation: Engineered Design
☐ Foundation: Detail A

Property Address: _____

(Note) Addition with basement give height of wall _____ and backfill elevation _____.

Under Section R310.1 Emergency escape and rescue from the basement is required if the area exceeds 200 SF.

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Sample Floor Plan

NOTES:

- A. New 3'-0" x 6'-8" door in existing wall
- B. Existing door removed, opening covered with drywall both sides
- C. New 5'-0" x 4'-0" casement opening (replaces existing window)
- D. New patio door with tempered glass
- E. New 6'-4" wide 4'-8" casement windows

Example: (2) 2"x10" headers at new window and door openings

