

# 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 \_\_\_\_\_

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-36)

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")

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

Ceiling height \_\_\_\_\_  
 (example: 8')

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

Siding \_\_\_\_\_  
 (example: lap or T-111)

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

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

Access required

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

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

Cont. 2x \_\_\_\_\_ sill plate  
 (example: 2 x 4)

Floor over non-conditioned space= R-21 Insulation

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

Check one  
 Foundation: Engineered Design  
 Foundation: Detail A

Wall width \_\_\_\_\_ "  
 (example: 8")

Footing size \_\_\_\_\_ " x \_\_\_\_\_ "  
 (example: 8" X 18")

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" cased 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

