

Single Family Residential Addition

2x ___ rafters spaced ___" O.C. or
 Manufactured Trusses spaced ___" O.C.
(example: 2 x 10 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)

12
 pitch

Underlayment _____
(example: 2 layers 15# felt)

Building Section

Note: Attic ventilation and access may be required. Additional bracing of roof system may be required depending on span or structure design.

Ceiling Insulation _____
(example: R-30)

Wall Insulation _____
(example: R-13 Fiberglass Batts)

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

Double 2x ___ top plate
(example: 2 x 4)

Span _____
(example: 23' 5")

Ceiling height _____
(example: 8')

Siding _____
(example: lap or T-111)

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

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

Diagonal wind bracing or plywood shear 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.

2x ___ studs @ ___ O.C.
(example: 2 x 4 @ 24" O.C.)

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

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

Engineered Design: Cassions may be required if your site has swelling soils. A foundation designed by a licensed architect or engineer may be required.

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 16")

Property Address: _____

Permit #: _____

NOTE: Additional bracing of floor system may be required depending on span or structural design