How to Use this Guide

Provide two sets of plans and complete the following:

1 **Complete this Building Guide** by filling in the blanks on page two, and indicating which construction details will be used.

2 **Provide 2 Plot Plans** (site plan) showing dimensions of your project or addition and its relationship to existing buildings or structures on the property and the distance to existing property lines drawn to scale.

3 **Fill out a building permit application.**

The majority of permit applications are processed with little delay. The submitted documents will help determine if the project is in compliance with building safety codes, zoning ordinances and other applicable laws.

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Single Family Residential Patio Covers & Carports

Directions

1. Fill in the blanks with dimensions and materials which will be used to build the structure. Please print legibly.

2. Indicate in the check boxes which details from page 3 will be used. Please note if any of the sides of your carport addition are closer than 5'-0" to the property line, that side of the carport must be enclosed with a solid 1 hour fire rated wall as shown in Alternate Details B and C. You must however, keep at least two sides of the carport open to conform to the building code requirements. Zoning approval is required.

3. Roofing to be installed per manufacturer’s instructions, including low slope application and required inspections made.

Address:

Roof covering

(example: Class A 3 tab shingles)

Underlayment

(example: 15# felt with 19” laps)

Sheathing

(example: 1/2” exterior plywood)

Size and Amount of Lags

(example: Two 3/8”x 4 1/2” lags @ 16” O.C.)

12 pitch _

2x__ rafters spaced __" O.C.

(example: 2 x 8 rafters spaced 24” O.C.)

Note: Walls, posts, and overhang closer than 5’ to be 1hr. rated

No closer than 2 feet to property line

Beam splices to occur over posts with 1 1/2” bearing

(____) __”x____” beam

(example: (2) 2”x10”)

Span (example: 12’ 0”)

Siding

(for Alternate B only)

"x____" posts spaced _____ apart

(example: 4”x4”)

Footing __”x____”

(for Alternate C only)

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Check local building department for swelling soils. Caissons may be required.

Existing roof rafters or trusses
Galvanized metal joist or rafter hangers
Extend underlayment from new roof a minimum of 18" onto existing roof
Cont. 2x ledger
Remove existing fascia
Secure ledger to wall with lag bolts @ 16" O.C.
Locate lag bolts to penetrate top plate or studs
Note: Remove brick veneer at top of wall before installing continuous 2x ledger

Alternate Detail A
Lap underlayment a minimum of 18" under existing roofing felts
Solid 2x blocking on 2x12 or greater
Roof tie downs required
Existing wall
Cont. 2x6 secured to existing roof with fasteners at each rafter or truss

Alternate Detail B - 1 Hour Wall
Solid 2x fire blocking on 2x12 or greater
Roof tie downs required
5/8" type "X" exterior gypsum sheathing
Galvanized metal post/beam connector
Exterior siding
Infill between posts w/ 2x4's @ 16" O.C.

Alternate Detail C - 1 Hour Wall
Bottom plate shall be treated wood or Foundation redwood
Infill between posts w/ 2x4's @ 16" O.C.
Minimum 3 1/2" concrete slab
Galvanized column base w/ 1" spacer to concrete
Anchor bolt 7" minimum penetration
Isolate from Slab
8" minimum diameter concrete caisson

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