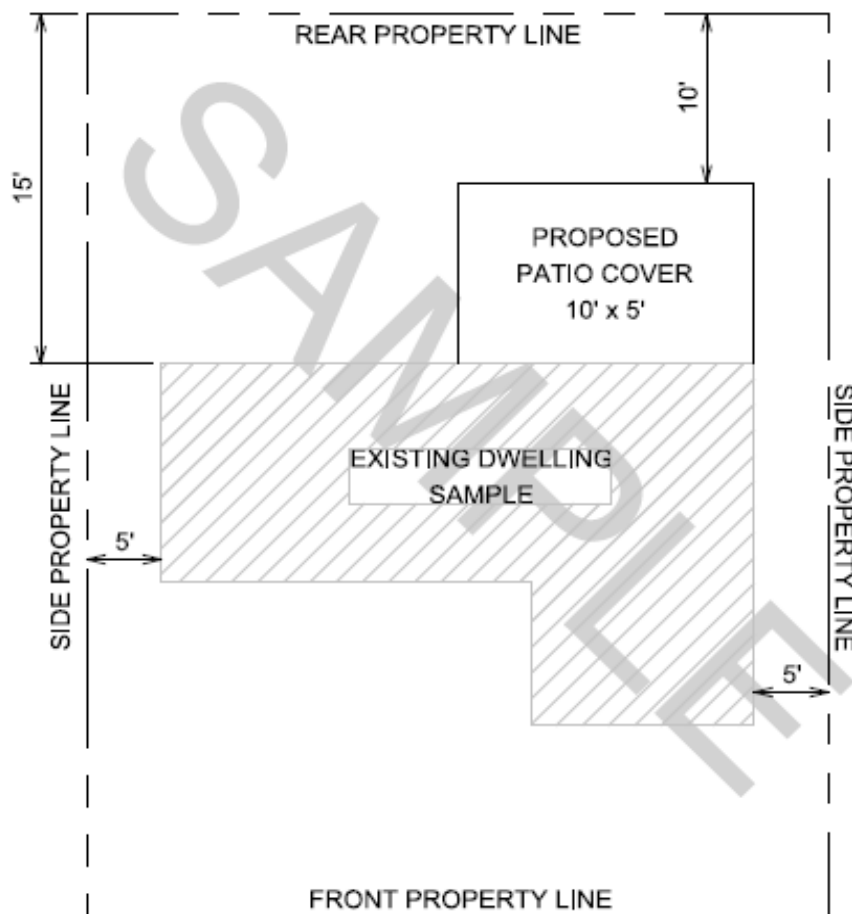


# Typical Roofed Patio Cover

For information on obtaining a permit for a patio cover and completing these drawings see Page 4.

**On Page 5, provide complete plot plan with following information:**

1. Show the location of the proposed patio cover on the plot plan below showing its size, area and distance to property lines. Also show the location and spacing of the supporting posts.
2. Show any other structures in the same yard as the proposed patio cover, such as pools, retaining walls, accessory buildings and oak trees. Dimension these items from the patio cover.
3. Show any hillsides on your property that exceed a slope of 3 horizontal to 1 vertical (3:1). Show the distance from the top or bottom of these slopes to the proposed patio cover. Indicate on the plan the slope of the grade and the vertical height of the slope from top to bottom.
4. Setbacks: show proposed setbacks to all property lines.



PROPERTY OWNER:

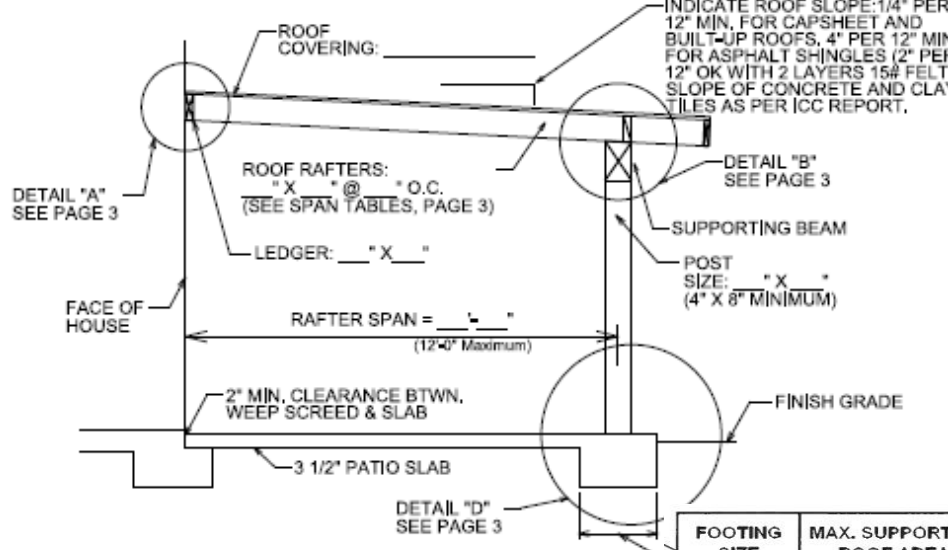
PROPERTY ADDRESS:

PAGE: 1 OF 5

DATE:

SCALE:

# Typical Roofed Patio Cover



**SECTION VIEW**

INDICATE ROOF SLOPE: 1/4" PER 12" MIN. FOR CAPSHEET AND BUILT-UP ROOFS, 4" PER 12" MIN. FOR ASPHALT SHINGLES (2" PER 12" OK WITH 2 LAYERS 15# FELT), SLOPE OF CONCRETE AND CLAY TILES AS PER ICC REPORT.

DETAIL "A" SEE PAGE 3

ROOF COVERING: \_\_\_\_\_

ROOF RAFTERS: "X" @ "O.C." (SEE SPAN TABLES, PAGE 3)

LEDGER: "X"

FACE OF HOUSE

RAFTER SPAN = " " (12'-0" Maximum)

2" MIN. CLEARANCE BTWN. WEEP SCREED & SLAB

3 1/2" PATIO SLAB

DETAIL "B" SEE PAGE 3

SUPPORTING BEAM

POST SIZE: "X" (4" X 8" MINIMUM)

FINISH GRADE

DETAIL "D" SEE PAGE 3

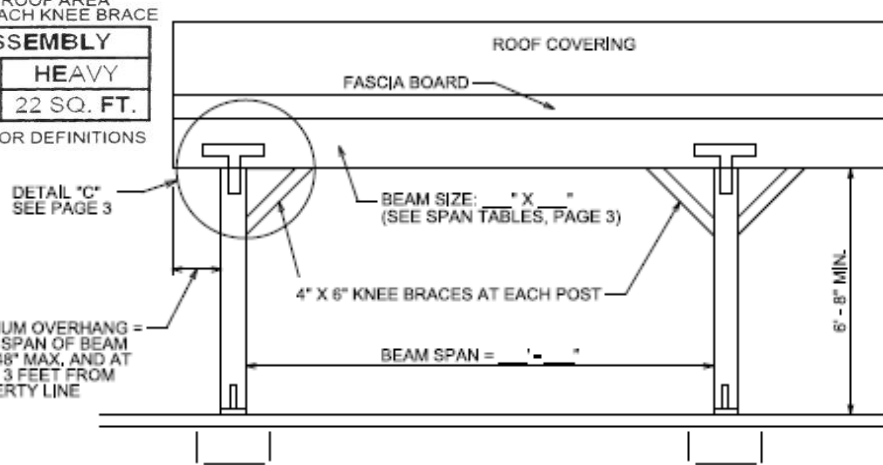
FOOTING SIZE	MAX. SUPPORTED ROOF AREA
12" X 12"	70 SQ. FT.
18" X 18"	150 SQ. FT.

(CIRCULAR FOOTING SIZE TO BE USED. ALL FOOTINGS ARE 12" DEEP.)

ALLOWABLE ROOF AREA SUPPORTED AT EACH KNEE BRACE

ROOF ASSEMBLY	
LIGHT	HEAVY
35 SQ. FT.	22 SQ. FT.

\*SEE SHEET 4 FOR DEFINITIONS



**FRONT VIEW**

PROPERTY OWNER:

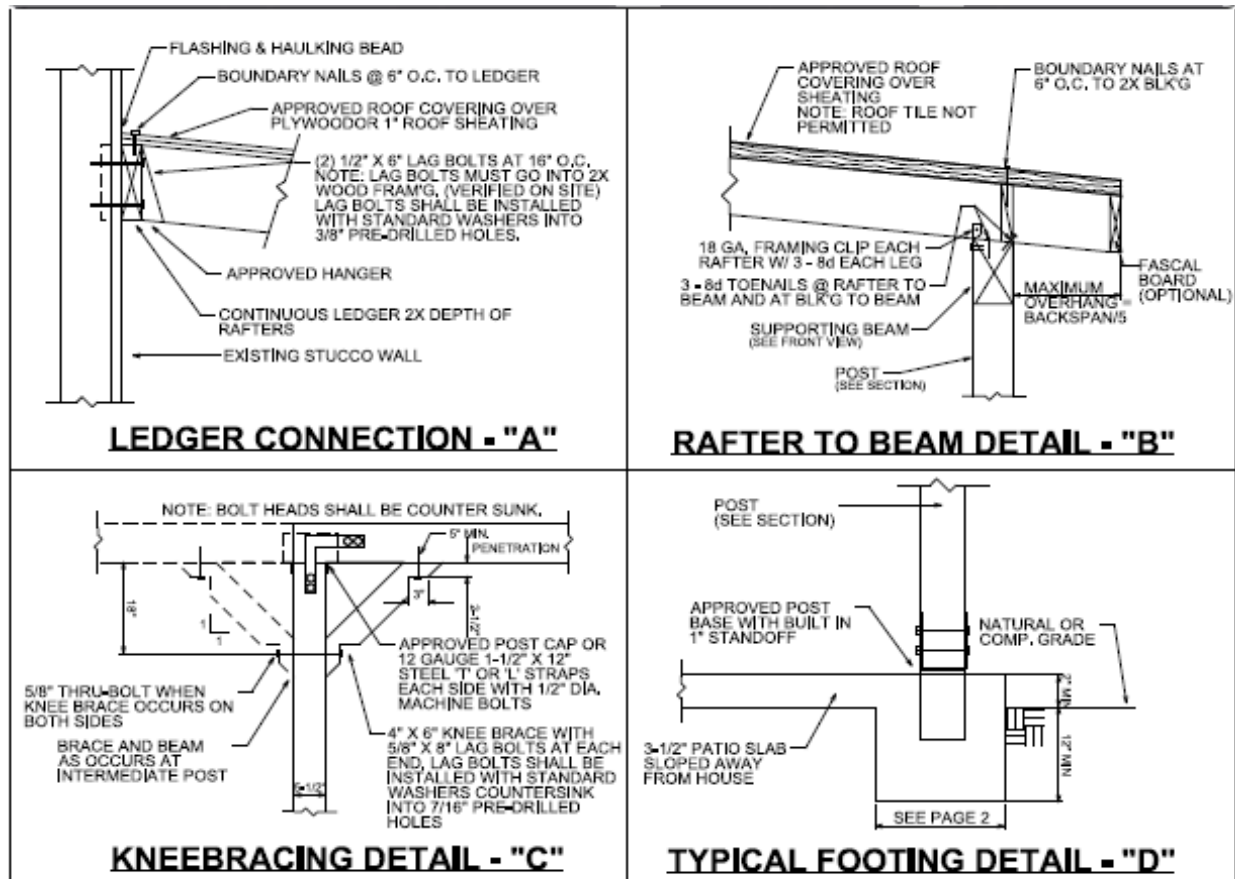
PROPERTY ADDRESS:

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# Typical Roofed Patio Cover



F.Z. ALLOWABLE RAFTER SPANS N.F.Z.						BEAM SPANS		
Rafter Size	Rafter Spacing	Rafter Span	Rafter Size	Rafter Spacing	Rafter Span	Beam Size	With Rafter Spans..	
2" x 4"	16"	9'-6"	4" x 4"	24"	11'-0"	4" x 4"	6'-0"	5'-0"
	24"	8'-4"		32"	10'-0"	4" x 6"	9'-6"	8'-0"
	32"	7'-3"		48"	8'-6"	4" x 8"	12'-0"	10'-6"
2" x 6"	24"	13'-1"	4" x 6"	24"	17'-4"	4" x 10"	16'-0"	13'-0"
	32"	11'-4"		32"	15'-8"	4" x 12"	19'-0"	16'-0"
	48"	10'-0"		48"	13'-8"	4" x 14"	22'-0"	18'-0"
2" x 8"	24"	17'-4"	4" x 8"	24"	20'-0"	6" x 8" #1	16'-0"	14'-0"
	32"	15'-0"		32"	20'-0"	6" x 10" #1	22'-6"	18'-0"
	48"	13'-0"		48"	18'-0"	6" x 12" #1	25'-0"	22'-0"

PROPERTY OWNER:	PROPERTY ADDRESS:	PAGE: 3 OF 5
		DATE:
		SCALE:

# Typical Roofed Patio Cover

## INSTRUCTIONS:

1. A building permit for a patio cover may be obtained using this O.C. standard drawing. Simply provide plot plan and fill in the blanks and information requested on these plans.
2. Complete an "Application for a Building Permit" and present it with these plans to a permit specialist.
3. Deviation from the construction and designs shown in these drawings will require complete plans details and must be reviewed by a City Plan Check Engineer prior to obtaining a building permit. Approval by a Registered Architect or Engineer may be required.

## GENERAL INFORMATION:

1. A patio cover is a one-story structure that does not exceed 12-feet in height above the average grade plane.
2. Patio covers shall be used for recreational, outdoor living purposes only and shall not be used as carports, garages, storage rooms or habitable rooms.
3. Patio covers must be accessory to a single-family dwelling or individual dwelling unit in a multiple-dwelling building.
4. Patio covers may be partially enclosed provided the area of the longer wall and one additional wall is at least 65% open. Opening may be enclosed with insect screening or readily removable plastic (translucent or transparent) up to 1/8-inch thick. Framed windows are not permitted.
5. Construction details in this standard may not comply with Fire Hazard Zone construction requirements. See [www.ocfa.org](http://www.ocfa.org) for more information on Fire Hazard Zones and construction requirements.

## MATERIALS:

1. WOOD shall be grade marked Douglas Fir Larch No. 2 or better.
2. CONCRETE shall have a minimum strength of 3000 psi in 28 days.
3. FRAMING HARDWARE shall be ICC approved for the intended use and installed per manufacturers' specifications using all recommended fasteners.
4. ROOF SHEATHING shall be continuous over 2 or more rafter spans, face grain shall be perpendicular to

SHEATHING	SPAN RATING	MAX. SPAN	NAILING
1/2" STRUCTURAL I PLYWOOD OR OSB	24/0	24" O.C.	9d COMMON
5/8" STRUCTURAL I PLYWOOD OR OSB	40/20	32" O.C.	10d COMMON
3/4" STRUCTURAL I PLYWOOD OR OSB	48/24	36" O.C.	10d COMMON
1 1/8" STRUCTURAL I PLYWOOD OR OSB	60/48	48" O.C.	10d COMMON
1 X NOMINAL LUMBER		24" O.C.	2-10d AT EACH LAP

(All nail spacing for plywood sheathing shall be 6" on center at edges and 12" on center in field)  
supports and maximum span shall be as follows:

5. ROOF COVERING shall be Class B or better fire retardant.
6. LIGHT ROOF ASSEMBLIES include asphalt or fiberglass shingles, cap sheets, built-up roof and hot-mopped roofs without stucco ceiling or soffits.
7. HEAVY ROOF ASSEMBLIES include concrete tile roofing (10 psf max.) without stucco ceiling, or lightweight roofing with stucco ceiling.

## REQUIRED INSPECTIONS:

1. FIRST INSPECTION shall be after excavation for the footings (before any concrete is poured).
2. SECOND INSPECTION shall be at the framing inspection when all framing has been complete. The roof sheathing and nailing will be inspected at this time.
3. THIRD INSPECTION will be the final inspection after the roof covering has been installed. Exposed wood has been weather protected.

## PLEASE READ AND SIGN:

The owner and/or contractor, as applicant for this permit has read and understands the information on this page and agrees to construct the proposed patio cover as shown on these plans, and these plans are not for patio cover within fuel modification zone or Wildland Urban Interface Fire Area. Noncombustible construction may be required.

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

PROPERTY OWNER:	PROPERTY ADDRESS:	PAGE: 4 OF 5
		DATE:
		SCALE:

## Typical Roofed Patio Cover

**PLOT PLAN**

PROPERTY OWNER:	PROPERTY ADDRESS:	PAGE: 5 OF 5
		DATE:
		SCALE: