

RESIDENTIAL ATTACHED

REQUIRED INFORMATION AND EXAMPLE PLANS

REQUIRED PLANS:

Provide 3 sets of plans, drawn to scale, which include the following:

I. PLOT PLAN & PROJECT DATA TABLE

- location of any adjoining street, sidewalk, parkway, walkway, or alley;
- dimensions of property (lot size) and proposed patio cover;
- location and uses of existing building and proposed patio cover;
- distancés from proposed patio cover to existing building's and property lines;
- location of all underground or overhead utilities and size of sewer;
- project data table showing new \$ existing use, occupancy, area, stories, height, sprinklers, etc...
- dimensions of adjacent alley or walkway if there is one;
- roof and building overhangs;
- location of required interior yard space;
 owners \$ designers contact information.

Proposed 225 Sqft. Patio Cover

= Property Line (E) = Existing (N) = New

PROJECT DATA TABLE:

(E) Use: Single Family Dwlg.

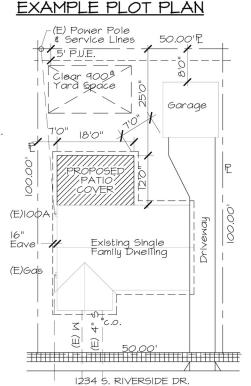
(N) Use: No Change
Scope of Work: 225 Sqft.
Patio Cover Addition

(E) Occupancy: R3

(N) Occupancy: R3/VI
Stories: I
Sprinklers: No
(E) Area: 1250 Sqft.
Addition: 225 Sqft.
Total: 1495 Sqft.

OWNER Mr. & Mrs. Smith 1234 S. Riverside Dr. Oxnard CA, 93030

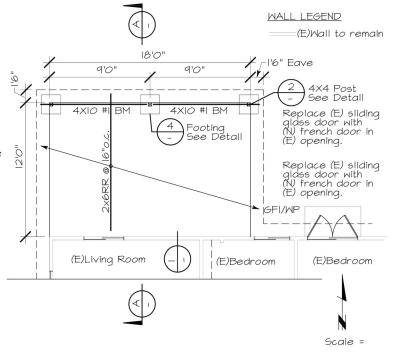
Scale =



2. FRAMING AND FOUNDATION PLAN

- · dimensions of proposed patio cover, location of columns, overhangs/eaves,
- use of adjoining rooms with the location and type openings in the wall between the house and patio cover;
- types of material, locations, sizes, spans, #"spacing of all new structural members (ridge, sheathing, roof and ceiling joist, post, braces, post, headers, etc...);
- reference structural and architectural connection details;
- slab thickness, reinforcing, and underlayment;location of any embeds including post
- bases, hold downs, etc...; and
- location and scope of any other proposed work such as any windows and doors to be altered.

EXAMPLE FRAMING/FOUNDATION PLAN



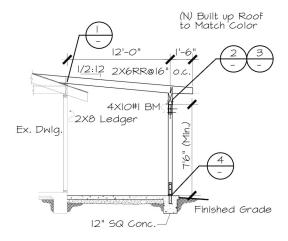
Date: 9/10/05 Sheet I of 4

RESIDENTIAL ATTACHED PATIO COVERS

REQUIRED INFORMATION AND EXAMPLE PLANS (Continued)

3. CONSTRUCTION SECTION

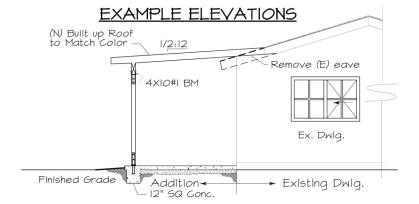
- · a cut through the house and proposed patio cover;
- specification for finish materials;
- sizes, spans & spacing of new structural member's.

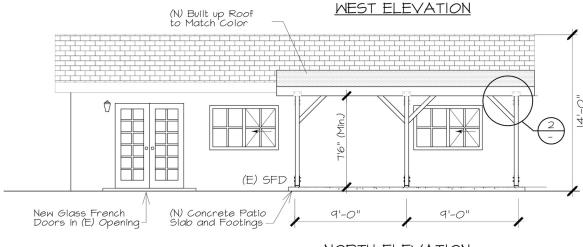


FRAMING SECTION A

4. ELEVATIONS

- exterior views of patio cover, include attachment to existing;
- roofing material and pitch;specification on finish materials;
- · height of the structure,
- · sizes, spans, and spacing, of new roof joist and beams.





NORTH ELEVATION

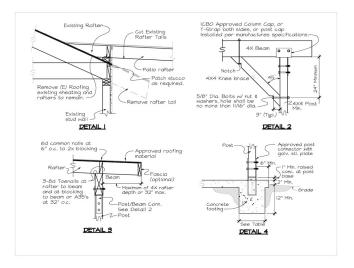
Date: 9/10/05 Sheet 2 of 4

RESIDENTIAL ATTACHED PATIO COVERS

REQUIRED INFORMATION AND EXAMPLE PLANS (Continued)

7. CONSTRUCTION DETAILS

- details showing connection of new to existing;
- foundation construction, anchor bolt, grade separation, reinforcement, etc...;
- sp'ecial detail such as stair framing, deck construction, ridge beam, post connections, hold down anchors, weep screen etc...



8. CONSTRUCTION NOTES:

- structural specifications for the grade of building materials - timber, steel, concrete, and masonry;
- non-structural component specification such as piping to be used, or finishes to be applied, etc...;
- list any special inspections or required structural observation;
- nailina schedule;
- · city standard plate 601.

I. Roof Covering shall be Class B or better fire retardant. 2. Rothers shall be marked Douglas Fir Grade #2 or better, Beams shall be marked Douglas Fir Grade #3 or better, Beams shall be marked Douglas Fir Grade #3 or better, Beams shall be marked Douglas Fir Grade #3 or better, Beams shall be marked Douglas Fir Grade #3 or better, Beams shall be marked better fire intended use and installed per manufacturer's specifications using all recommended fasterine and shall be perpendicular to supports and maximum span shall be as follows: 5. Roof Sheething shall be continuous over 2 or more rarder spans, face grain shall be perpendicular to supports and maximum span shall be as follows: 5. Roof Sheething SPAN RATINS MAX. SPAN NAILING 3/6" CDX Filywood 24/00 16" o.c. 6d common or deformed shank by the continuous of the standard shall be shall be perpendicular to support shall be shall be fire to the support of the shall be fire to eather (o.c.) at edges and 12 or center field) 6. Grading and drainage of the property shall comply with City Standard Plate 601. See Plate attached,

9. ELECTRICAL, PLUMBING, MECHANICAL

• items must be noted and located on the plans.

REQUIRED CALCULATIONS:

I. STRUCTURAL CALCULATIONS ARE NOT REQUIRED PROVIDED:

- · Patio rafters are not connected to the rafter tails of the house;
- Total roofing dead load does not exceed 6 pounds per square feet (No Tile);
- · Knee Braces or Kickers are installed as detailed on Oxnard's Patio Cover Standard plan sheet;
- The size and span of framing members do not exceed those allowed by Oxnard's Patio Cover Standard plan;
- No additional loads are imposed on the lateral system such as stucco soffits;
- The patio cover is conventionally framed and connections all meet standard practice as determined by Development Service's staff.
- When structural calculations are required, they shall be prepared by professional engineers or architects to prove the design of the structure is adequate to resist gravity, occupant, earthquake, and wind forces as required by the Building Code. Both calculations and plans shall be stamped and signed by a responsible engineer and/or architect.

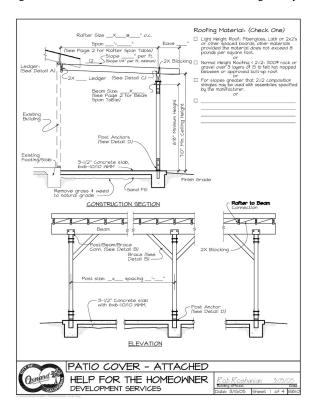
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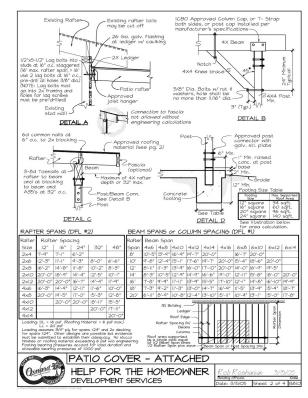
RESIDENTIAL ATTACHED PATIO COVERS

REQUIRED INFORMATION AND EXAMPLE PLANS (Continued)

7. USE OF CITY STANDARD PLAN:

 If the proposed structure has a shed roof, City of Oxnard's Attached Patio Cover standard plan <u>along with a plot plan</u> may be used to construct a patio cover that fall within the standard. Show on the plot plan the location and size of the post, beams, and rafters to complete your plan. Any deviations from the standard may require additional information.





- INSTINCT IONS:

 A building permit for a potito cover may be obtained using these City standard drawings. Simply IIII

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- GENERAL NOTES

 1. A patio cover is a one story structure that does not exceed 12 feet in helight above the adjacent Patio covers shall be used for recreational, outdoor living purposes only and shall not be used as carports, garages, storage rooms or habitable rooms.
- corports, garages, stratge rooms or notication rooms.

 3. Longer side and nea additional side of the patio shall be 65% open, below 6'6' above the floor. Openings may be enclosed with insect screening or readily removable plastic furnishment transportantly be to 10'-hot withst. Framed windows are not permitted.

 4. One hour fire wall required when exterior face of post-wall is located less than 3'0' from the property line. Exves over openings cannot be located within 30' of the property line.

- supporting the new structure.

 Patio covers are for autdoor living only, like of these structures as hibitable space requires a bibliog permit and alterations to both the patio cover and the house, to comply with code requirements. Conversions may require upgrades to your foundation system, roof framing, electric requirements, conversions may require upgrades to your foundation system, roof framing, electric requirements and out for the requirements and the properties of the

TYPICAL ABBREVIATIONS:

Conn. = Connection

LL = Live Load psf = Pounds per Square Foot psi = Pounds per Square Inch

Dim. = Dimension o.c. = on center (spacina) stl. = Steel

REQUIRED INSPECTIONS:

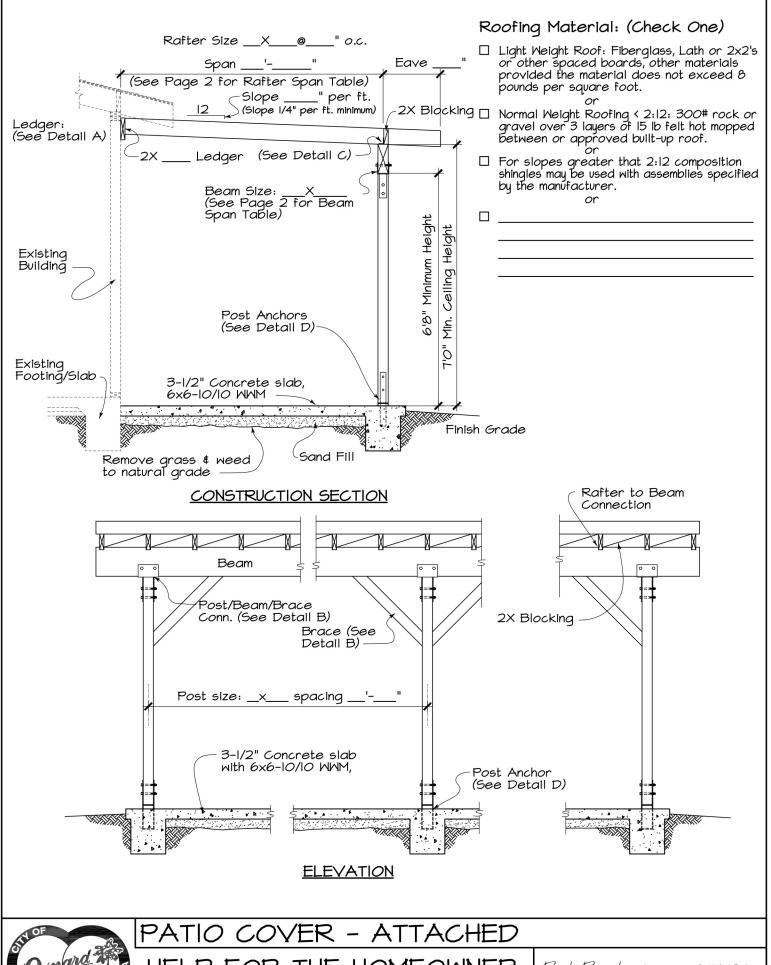
- 1. FIRST INSPECTIONs shall be other excavation for the facting (before any concrete is poured) and verification of the solid wood backing for the ledger bolting.

 2. SECOND INSPECTIONs shall be the framing inspection when all framing has been completed. The roof-shanding and and inline single proceded at this time.

 3. THIRD INSPECTIONs will be the final inspection after the roof covering has been installed.



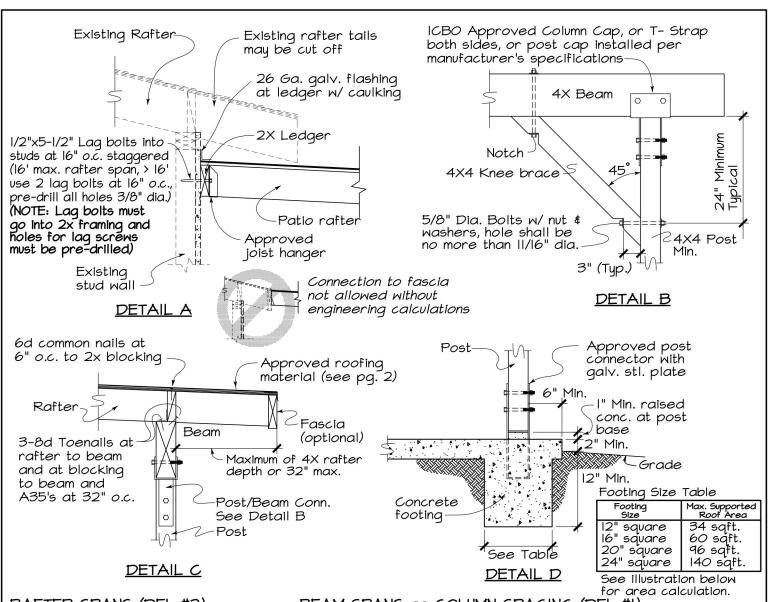
ī.	table shown on nage 2 F	'atio covers utilizing alt or fiberglass shir roofs. Use of heav	this sheet shall have ngles, cap sheets, bui ny welqht roofs includ	s shall be sized based on the roofing assemblies weighing less It-up roofs, hot mopped assemblies ing concrete, clay or slate tile or er.					
	!. Rafters shall be marked Douglas Fir Grade #2 or better, Beams shall be marked Douglas Fir Grade #1 or better,								
3.	Concrete shall have a mir	nlmum strength of 20	000 psi in 28 days.						
4.	Framing hardware shall be specifications using all re	e ICC approved for commended fastene	the intended use an	d Installed per manufacturer's					
5.	Roof Sheathing shall be o to supports and maximum	ontinuous over 2 or span shall be as fol	more rafter spans, t	ace grain shall be perpendicular					
	SHEATHING	SPAN RATING	MAX. SPAN	NAILING					
	3/8" CDX Plymood 1/2" CDX Plymood 5/8" CDX Plymood 3/4" CDX Plymood 1-1/8" CDX Plymood Ix nominal lumber 2x Decking (all nail spacing for plymo	20/0 24/0 40/20 48/24 60/48 rod sheathing shall b	16" o.c. 24" o.c. 32" o.c. 36" o.c. 48" o.c. 24" o.c. 48" o.c. 6 " on center (o.c.)	6d common or deformed shank 6d common or deformed shank 8d common or deformed shank 8d common or deformed shank 10d common or deformed shank 12-8d at each lap 1-16d at each lap at edges and 12 on center field)					
the	e owner and/or contractor these pages and agrees se plans will be reviewed npliance.	, as the applicant for to construct the pro- for compliance to t	or this permit, has re oposed patio cover he design assumption	ad and understands the Information as shown on these plans. Note is of this handout and for code					
711									
519	nature of applicant:		Position	Date:					
1 To 1		COVER -	Position.						



OF OF OWNER CALLED

HELP FOR THE HOMEOWNER DEVELOPMENT SERVICES

Rob Rosha	nian	3/15/05		
Building Official:			Date	
Date: 3/15/05	Sheet	-	of 4	B810



RAFTER SPANS (DFL #2)

BEAM SPANS or COLUMN SPACING (DFL #1)

101	11 1LIN 31 / 113 (D1 L 112)					DEAT STATES OF COLUMN STATES						
Rafter	Rafter Spacing					Rafter	Rafter Beam Span					
Size	12"	16"	24"	32"	48"	Span	4x6	4x8	4xIO	4xI2	4×14	÷
2x4	7'-9"	7'-1"	6'-2"			8'	10'-5"	13'-9"	16'-9"	19'-7"	20'-0)"
2x6	12'-3"	- "	9'-3"	8'-0"	6'-6"	10'	9'-8"	12'-4"	15'-1"	17'-6"	19'-7"	1
2x8	16'-2"	14'-8"	11'-8"	10'-2"	8'-3"	12'	8'-11"	11'-3"	13'-9"	16'-0"	17'-10	" [
2xIO	20'-0"	18'-9"	14'-4"	12'-5"	10'-1"	14'	8'-3"	10'-5"	12'-9"	14'-9"	16'-6'	' TI
2xl2	20'-0"	20'-0"	16'-7"	14'-4"	11'-9"	16'	7'-8"	9'-9"	- "	13'-9"	15'-5"	I
4x6	16'-3"	14'-9"	12'-11"	11'-6"	10'-0"	18'	7'-3"	9'-2"	11'-3"	13'-0"	14'-7"	1
4x8	20'-0"	19'-5"	17'-0"	15'-3"	12'-8"	20'	6'-11"	8'-9"	10'-8"	12'-4"	13'-10	,"
4xIO		20'-0"	20'-0"	18'-11"	15'-5"	(E) Building				////		
4xl2				20'-0"	17'-11"							
4xl4					20'-0"							

Loading: DL = 16 psf. (Roofing Material = 6 psf max.) LL = 10 psf. (Rooting Material = 6 psf max.)

LL = 20 psf

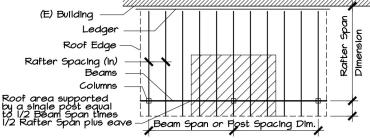
Loading assumes 3/4" ply for spans <24" and 2x decking

for spans >24". Other designs are possible but evidence

must be submitted to establish their adequacy. No stucco

finishes or roofing material exceeding 6 psf w/o engineering.

Footing bearing pressures account for load duration and allowable bearing pressures of 1000 psf.





OR THE HOMEOWNER DEVELOPMENT SERVICES

Rot	Rosha	3/15/05		
Building	g Official:			Date
Date:	3/15/05	Sheet	2 of 4	Bala

4x16 | 6x8 | 6x10 | 6x12 | 6x14

20'-0"

19'-5"

18'-0"

16'-10"

15'-9"

15'-0"

20'-0"

19'-9"

18'-7"

17'-8"

20'-0" 18'-6"

16'-9" 15'-8"

14'-8"

13'-9"

13'-1"

16'-7"

15'-4"

12'-11"

12'-1"

|11'-5"

10'-9"

20'-0"|14'-0"

20'-0"

19'-0" 17'-10"

16'-9"

15'-11"

INSTRUCTIONS:

- A building permit for a patio cover may be obtained using these City standard drawings. Simply fill in the blanks and information requested on these plans.
- 2. Draw a plot plan (instructions can be found on the City's "Sample Plot/Site Plan" handout,) and bring three copies of the completed drawing to Building and Safety where it can be reviewed for Building and Zoning Code requirements a permit issued. (Show any openings in wall below patio cover, to ensure additional support is not required.)
- 3. Deviations from the construction and designs shown in these drawings will require complete plans and details and must be reviewed by a plan check engineer prior to obtaining a building permit.

GENERAL NOTES

- A patio cover is a one story structure that does not exceed 12 feet in height above the adjacent arade.
- 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. Longer side and one additional side of the patio shall be 65% open, below 6'8" above the floor. Openings may be enclosed with insect screening or readily removable plastic (translucent or transparent) up to 1/8-inch thick. Framed windows are not permitted.
- 4. One hour fire wall required when exterior face of post/wall is located less than 3'0" from the property line. Eaves over openings cannot be located within 30" of the property line.
- 5. Unless a licensed engineer or architect provides structural calculations to justify it, no patio cover/ structure will attach to or rely upon the existing rafter tails or roof projection for the purpose of supporting the new structure.
- 6. Patio covers are for outdoor living only. Use of these structures as habitable space requires a building permit and alterations to both the patio cover and the house, to comply with code requirements. Conversions may require upgrades to your foundation system, roof framing, electrical, fire life safety and many other items. Also you may need to provide a vapor barrier under slab, a reinforced slab and footing, new wall bracing, heating, electrical outlets, energy forms, and insulation insulation for the space to be converted.
- 7. These drawings are examples of the way an open patio cover may be installed. Other methods may be used provided they are approved by this Department prior to installation. All material types and sizes are subjected to the approval of this Department.
- 8. Post may be supported on a 3-1/2" thick reinforced concrete slab on grade when posts support a combined live and dead load less than 750 pounds per column. Approved connector between post and concrete slab shall be capable to withstand uplift wind forces.

TYPICAL ABBREVIATIONS:

Conc. = Concrete DL = Dead Load LL = Live Load Conn. = Connection

DFL = Douglas Fir Larch

psf = Pounds per Square Foot Dia. = Diameter psi = Pounds per Square Inch

Dim. = Dimension o.c. = on center (spacing)

stl. = Steel Ga. = Gauge

Galv. = Galvanized > = Greater Than

REQUIRED INSPECTIONS:

- FIRST INSPECTION: shall be after excavation for the footing (before any concrete is poured) and verification of the solid wood backing for the ledger bolting.
- 2. SECOND INSPECTION: shall be the framing inspection when all framing has been completed. The roof sheathing and nailing will be inspected at this time.
- THIRD INSPECTION: will be the final inspection after the roof covering has been installed.



PATI*O CO*VER - ATTACHED

FOR THE HOMEOWNER DEVELOPMENT SERVICES

Rob Koshanian Building Official:

Date: 3/15/05 Sheet 3 of 4 | B810

CONSTRUCTION NOTES

- I. Roof Covering shall be Class B or better fire retardant. Rafters shall be sized based on the table shown on page 2. Patio covers utilizing this sheet shall have roofing assemblies weighing less than 6 psf, including asphalt or fiberglass shingles, cap sheets, built-up roofs, hot mopped assemblies and some light weight tile roofs. Use of heavy weight roofs including concrete, clay or slate tile or stucco soffits require calculations and plans by a licensed engineer.
- 2. Rafters shall be marked Douglas Fir Grade #2 or better, Beams shall be marked Douglas Fir Grade #1 or better.
- 3. Concrete shall have a minimum strength of 2000 psi in 28 days.
- 4. Framing hardware shall be ICC approved for the intended use and installed per manufacturer's specifications using all recommended fasteners.
- 5. Roof Sheathing shall be continuous over 2 or more rafter spans, face grain shall be perpendicular to supports and maximum span shall be as follows:

SHEATHING	SPAN RATING	MAX. SPAN	NAILING
3/8" CDX Plymood 1/2" CDX Plymood	20/0 24/0	16" o.c. 24" o.c.	6d common or deformed shank 6d common or deformed shank
5/8" CDX PĬywood	40/20	32" o.c.	8d common or deformed shank
3/4" CDX Plýmood I-1/8" CDX Plymood	48/24 60/48	36" o.c. 48" o.c.	8d common or deformed shank 10d common or deformed shank
lx nominal lumber		24" o.c.	2-8d at each lap
2x Decking (all nail spacina for pluwo	od sheathina shall b	48" o.c. be 6" on center (o.c.)	2-16d at each räfter at edges and 12 on center field)

PLEASE READ AND SIGN:

The owner and/or contractor, as the applicant for this permit, has read and understands the information on these pages and agrees to construct the proposed patio cover as shown on these plans. Note these plans will be reviewed for compliance to the design assumptions of this handout and for code compliance.

Signature of applicant:	Position:	Date:



PATIO COVER - ATTACHED

HELP FOR THE HOMEOWNER
DEVELOPMENT SERVICES

Rob Roshanian 3/15/05

Building Official: Date

Date: 3/15/05 | Sheet 4 of 4 | B810