Patio covers and porch covers not over 200 square feet and supported by an exterior building wall are exempt from a building permit. Section ORSC R105.

**DESIGN CRITERIA**

<table>
<thead>
<tr>
<th>Items</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eave Height</td>
<td>10'-0&quot; Max</td>
</tr>
<tr>
<td>Roof Pitch</td>
<td>2/12 to 4/12</td>
</tr>
<tr>
<td>Wind Speed</td>
<td>105 mph</td>
</tr>
<tr>
<td>Exposure</td>
<td>C</td>
</tr>
<tr>
<td>Seismic Zone</td>
<td>D2</td>
</tr>
<tr>
<td>Snow Load</td>
<td>25</td>
</tr>
<tr>
<td>Soil Bearing</td>
<td>1500</td>
</tr>
</tbody>
</table>

The owner/contractor shall verify all dimensions and site conditions before starting work. The owner/contractor shall notify the local Building Codes Division of any discrepancies, changes, omissions, or substitutions that are not permitted without the approval of the local Building Department having jurisdiction.

All wood in contact with the ground, embedded in concrete in direct contact with the ground or embedded in concrete exposed to the weather that supports permanent structures shall be approved pressure preservative treated wood suitable for ground contact use.

**Knee brace shall be connected to the beam and the column with 1/2" through bolt or (2) SDS 1/4" with minimum 2.5" penetration**

Concrete slab on grade shall have a minimum 3,000 psi and a minimum of 3.5" depth.

Concrete footings shall be a minimum 2,500 psi.

Finish grade shall slope 5% for 10' feet away from structure.

The area within the concrete slab shall have all vegetation, top soil and foreign materials removed.

Note:
Post bases (Simpson PCS or equivalent) post caps (Simpson PC or equivalent) joist hangers, hurricane ties etc., shall be installed and fastened according to the manufactures recommendations.

All structural wood shall be DF #2

Lateral bracing not required when posts are buried in concrete as per detail 3/S03
SEE OPTION 1
An optional ledger may be attached to cut end of truss tails using (2) SDS 1/4" screws with 2" minimum embedment at each truss, or (3) 16d nails in lieu of resting rafters on existing exterior wall. Cut-out around existing rotation blocks with attic ventilation holes.

2"x ledger with 1/2"x 4" lag bolts at 16" or 24" o.c. staggered OR (2) 1/4" SDS screws at each stud with 2" minimum penetration

LU or equal face mount hangers

Option 1

Option 2

Option 3

Rotation blocks fasten sheathing 8d nails 6" o.c.

H2.5 Clips

Header span as per Table 2 on Sheet S02

PC46 post caps or equivalent

4 x 6 P.T. post in conc ftg with (5) 20d hot dipped galvanized nails with 2" embedment each face of post

4 x 6 P.T. post with PBS46 or equivalent post base with 1" stand-off

Optional 3.5" conc slab

4" gravel base 3/4" minus rock

CITY OF GRANTS PASS
101 NORTHWEST A STREET
GRANTS PASS, OR 97526
TEL: 541-450-6060

PATIO COVER PLAN  #2014-08
READY BUILD PLAN
PRESCRIPTIVE FRAME

BUILDING CODE
ORSC 2014

OPTIONS DETAILS
S03