RESIDENTIAL PATIO COVERS

How to Use this Guide:

1. Begin by filling in the dimensions on the site plan. Please include any other structures that are on the property. This will verify that the required set backs of the City of Avondale Zoning Ordinance are met.

2. Fill in all the blanks on the patio design form with the sizes and types of material that are being utilized. If there are items of which you are unsure; the Building Staff will be able to explain and assist you.

3. Please be prepared to provide home owner information such as property parcel number, address, owner name, and owner phone number.

4. Having these forms completely filled out will assist City of Avondale Development Services Department Staff in verifying the conformance of the project and processing your request quickly. Some permits will require additional time for review by staff.

If you have any questions or concerns please contact the Development Services Department Staff at 623-333-4000 and someone will be glad to assist you.
NOTE: THIS PLOT PLAN IS NOT TO SCALE. EASEMENT, PROPERTY LINES, BUILDING SETBACKS, ARE TO BE USED AS AN EXAMPLE ONLY.
PROVIDE FLASHING AT CONNECTION TO HOUSE
RAFTER SIZE
MATERIAL
GRADE
SPACING
OVERHANG
NOTE:
WHEN OVERHANG IS 12" OR LESS, A 2" X FASCIA BOARD MAY BE USED IN LIEU OF BLOCKING.
BEAM SIZE
MATERIAL
GRADE

GYP. BOARD CEILINGS SHALL BE EXTERIOR GRADE REFERED TO AS "BROWN BOARD" #2240

O.S.H. SHEETING IS REQUIRED TO HAVE A MINIMUM OF 1/8" SPACING AT ALL EDGES.

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<th>Minimum Beam Sizes (inches)</th>
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<th>Minimum Rafter sizes (inches)</th>
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<td>Rafters spacing (center to center)</td>
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Development & Engineering Services Department
11465 W. Civic Center Drive, #110, Avondale, AZ 85323 • Phone (623) 333-4000 • Fax (623) 333-0402 • TDD (623) 333-0010
www.avondaleaz.gov/developmentservices

Updated 5.1.2014
PATIO COVER

NOTE: O.I.B. SHEETING IS REQUIRED TO HAVE A MINIMUM OF 1/8" SPACING AT ALL EDGES.

1. END POST AND BEAM

Approved End Post Cap

2. POST AND BEAM

Approved End Post Cap

3. FOOTING DETAIL

Minimum 4" x 4" Post

12" into natural grade

6" min.

CL footing

Approved elevated post base

12" into natural grade

3 1/2" slab

4. LEDGER TO FRAME WALL

Note: Remove stucco, lathe and foam for wood to wood connection at ledger.

2" x ledger for conn. to frame wall

3" x ledger for conn. to masonry wall

5. RAFTER TO BEAM

Approved post cap

(3) 16d nails or approved framing anchor

Min. slope 1/4" per ft.

Alternate attachment for rafter on to bearing wall

6. FOOTING DETAIL

2" x studs at 16" o.c.

4" min. from weep screwed to grade

2" min. from weep screwed to conc slab

3 1/2" slab

STUCCO EXTERIOR

2" x treated plate w/ 1/2" A.B.'s min. 2 per plate

6" min.

12" into natural grade

Rafter

Beam

Approved framing anchor @ each member

Exist. bearing wall

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