

## RESIDENTIAL PATIO COVER CHECKLIST

### Patio Cover Definition and Uses

One story structures not exceeding 12 feet in height open on two sides or more, detached from or attached to the existing residence. Patio covers shall be used only for recreational, outdoor living purposes and not as carports, garages, storage rooms or habitable rooms.

### Submittal Requirements

- Complete Building Permit Application
- Site Plan to include the following - 2 copies
  1. Existing property lines, existing house, location & size of proposed patio cover, and dimensions
  2. Any other structures in the backyard such as pools, retaining walls, and accessory buildings
  3. North arrow
  4. Property address and lot number
- Cross Section Drawing with elevation – 2 copies
- Patio Framing Plan showing the following: - 2 copies
  1. Footing detail
  2. Post – size, material, grade, spacing
  3. Span
  4. Beam – size, material, grade
  5. Rafter – size, material, grade and spacing
  6. Sheathing
  7. Underlayment
  8. Roof – material, sheathing, underlayment, slope, overhang
  9. Height of patio
  10. Material listing
  11. Size and amount of lags – method of ledger attachment
- Owner/ Builder form signed (if applicable)

## **Office Location and Hours**

The Development Services Department is located on the 2<sup>nd</sup> floor of City Hall, 530 E. Monroe Ave., Buckeye AZ 85326. Our office is opened Monday thru Thursday from 7am to 6pm.

## **Building Permit Application**

All projects must be submitted with a complete Building Permit Application that can be found on our web site under forms at [www.buckeyeaz.gov](http://www.buckeyeaz.gov). The owner, licensed contractor, or their authorized agent can complete the application form.

## **Construction Drawings**

Plans must be drawn to scale and must be of sufficient clarity to indicate the location, nature and extent of the work proposed. Homeowners may prepare the drawings, provided the drawings are accurate, legible and complete. Drawings will be checked for compliance to provisions of the Building Code, Zoning Ordinances and all other relevant laws, ordinances, rules and regulations. Be sure to clearly label all existing and proposed construction.

## **Permit Issuance**

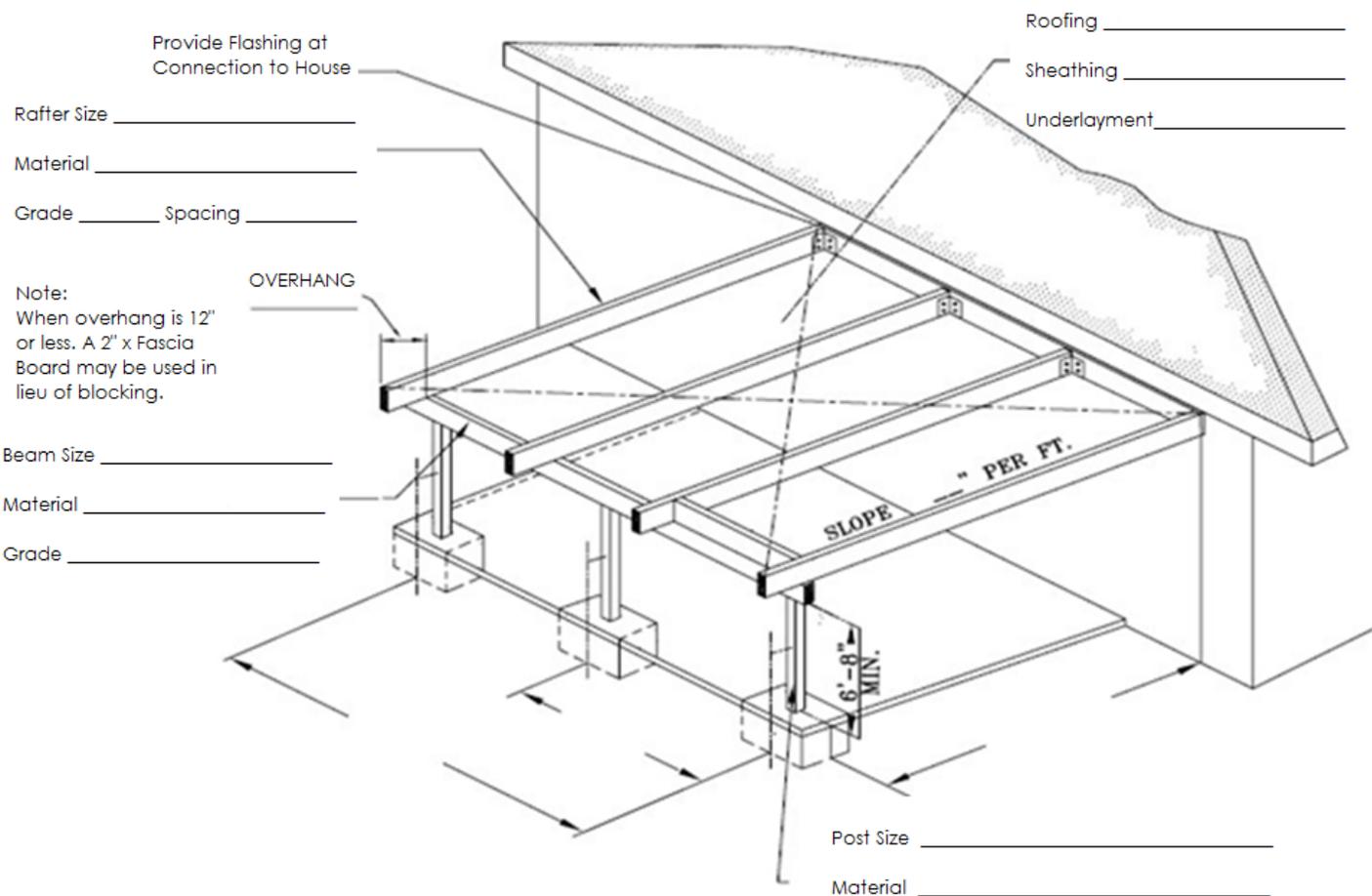
Building permits are issued after the reviews have been completed and it has been determined that the City Code requirements have been met. Permits can be issued to the following people:

- Property Owner
- Authorized Agent
- Building Contractor: Building Contractors must have an active Buckeye Business License. For additional information please call 623-349-6165.

## **Required Inspections**

Inspections are performed after your permit has been issued and as work progresses. The project is not legally complete until there is an approved final inspection. Building permits shall remain valid for 180 days of issuance or from the date of previous inspections. To schedule/cancel an inspection and obtain permit results visit our web site at [www.buckeyeaz.gov](http://www.buckeyeaz.gov). Inspections that may apply are:

- Footing – Before concrete is poured
- Strap & Shear
- Rough Electrical (If applicable)
- Drywall (If applicable)
- Final



Rafter Size \_\_\_\_\_  
 Material \_\_\_\_\_  
 Grade \_\_\_\_\_ Spacing \_\_\_\_\_

Note:  
 When overhang is 12"  
 or less. A 2" x Fascia  
 Board may be used in  
 lieu of blocking.

Beam Size \_\_\_\_\_  
 Material \_\_\_\_\_  
 Grade \_\_\_\_\_

Post Size \_\_\_\_\_  
 Material \_\_\_\_\_  
 Grade \_\_\_\_\_  
 Spacing \_\_\_\_\_  
 Box Columns  yes  no

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

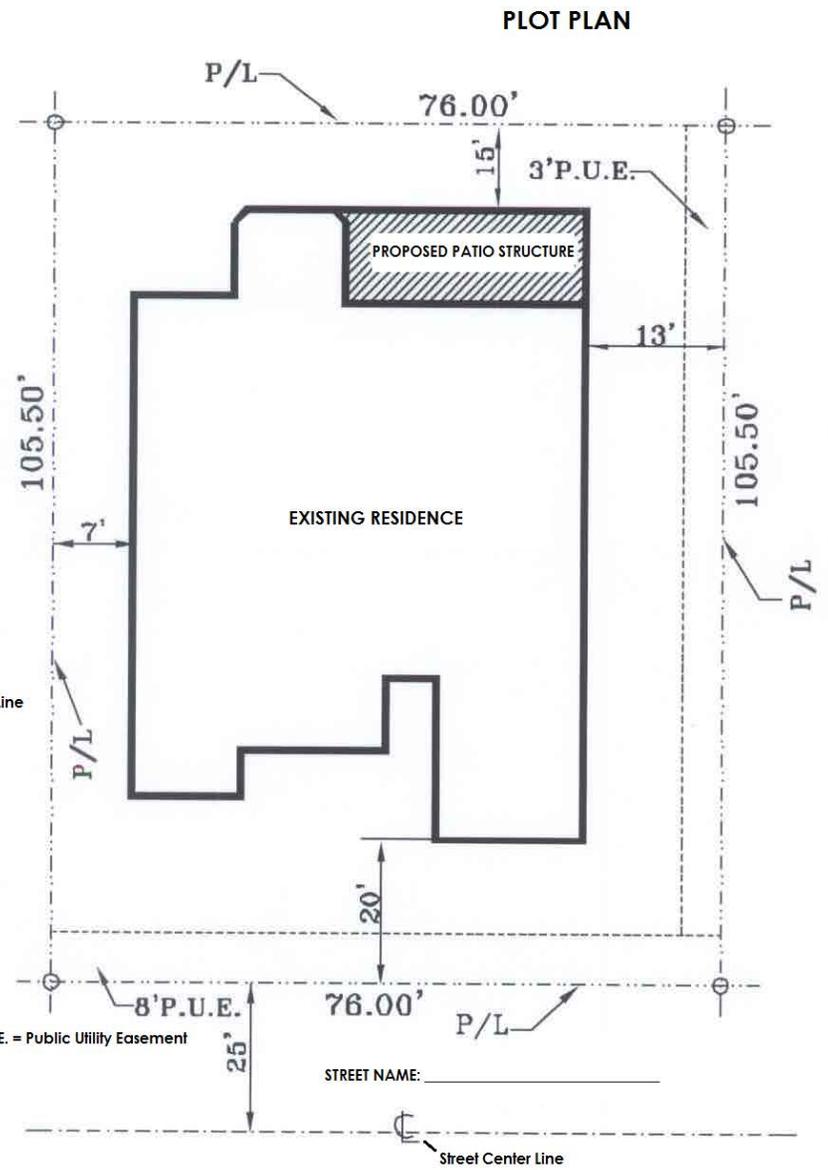
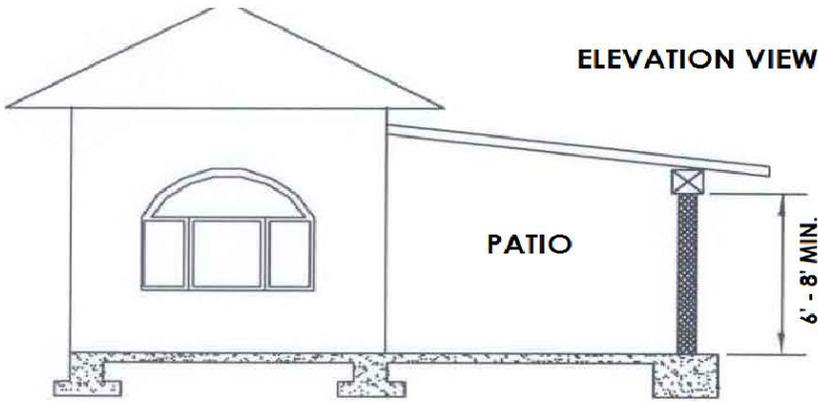
O.S.B. SHEETING IS REQUIRED TO HAVE A MINIMUM  
 OF 1/8" SPACING AT ALL EDGES

Beam table is based on values for Douglas Fir/Larch #2 or better

| Post Spacing (ft) | Minimum Beam Sizes (Inches) |      |      |      |      |      |      |      |
|-------------------|-----------------------------|------|------|------|------|------|------|------|
|                   | Rafter spans (ft)           |      |      |      |      |      |      |      |
| (ft)              | 6                           | 8    | 10   | 12   | 14   | 16   | 18   | 20   |
| 4                 | 4x4                         | 4x4  | 4x4  | 4x4  | 4x4  | 4x4  | 4x4  | 4x6  |
| 6                 | 4x4                         | 4x4  | 4x6  | 4x6  | 4x6  | 4x6  | 4x6  | 4x6  |
| 8                 | 4x6                         | 4x6  | 4x6  | 4x6  | 4x8  | 4x8  | 4x8  | 4x8  |
| 10                | 4x6                         | 4x8  | 4x8  | 4x8  | 4x10 | 4x10 | 4x10 | 4x10 |
| 12                | 4x8                         | 4x8  | 4x10 | 4x10 | 4x10 | 4x12 | 4x12 | 4x12 |
| 14                | 4x8                         | 4x10 | 4x10 | 4x12 | 4x12 | 4x12 | 4x14 | 4x14 |
| 16                | 4x10                        | 4x10 | 4x12 | 4x12 | 4x14 | 4x14 | 4x16 | 4x16 |
| 18                | 4x10                        | 4x12 | 4x14 | 4x14 | 4x16 | 4x16 | 4x16 | 4x16 |
| 20                | 4x12                        | 4x14 | 4x14 | 4x16 | 4x16 | 4x18 | 4x18 | 4x18 |

Rafter table is based on values for Hem Fir # 2 or better

| RAFTER SPAN (ft) | Minimum Rafter sizes (inches)     |      |      |
|------------------|-----------------------------------|------|------|
|                  | Rafter spacing (center to center) |      |      |
|                  | 12                                | 16   | 24   |
| 10               | 2x6                               | 2x6  | 2x6  |
| 11               | 2x6                               | 2x6  | 2x8  |
| 12               | 2x6                               | 2x6  | 2x8  |
| 13               | 2x6                               | 2x8  | 2x8  |
| 14               | 2x6                               | 2x8  | 2x10 |
| 15               | 2x8                               | 2x8  | 2x10 |
| 16               | 2x8                               | 2x8  | 2x10 |
| 17               | 2x8                               | 2x10 | 2x10 |
| 18               | 2x8                               | 2x10 | 2x12 |
| 19               | 2x8                               | 2x10 | 2x12 |
| 20               | 2x10                              | 2x10 | 2x12 |

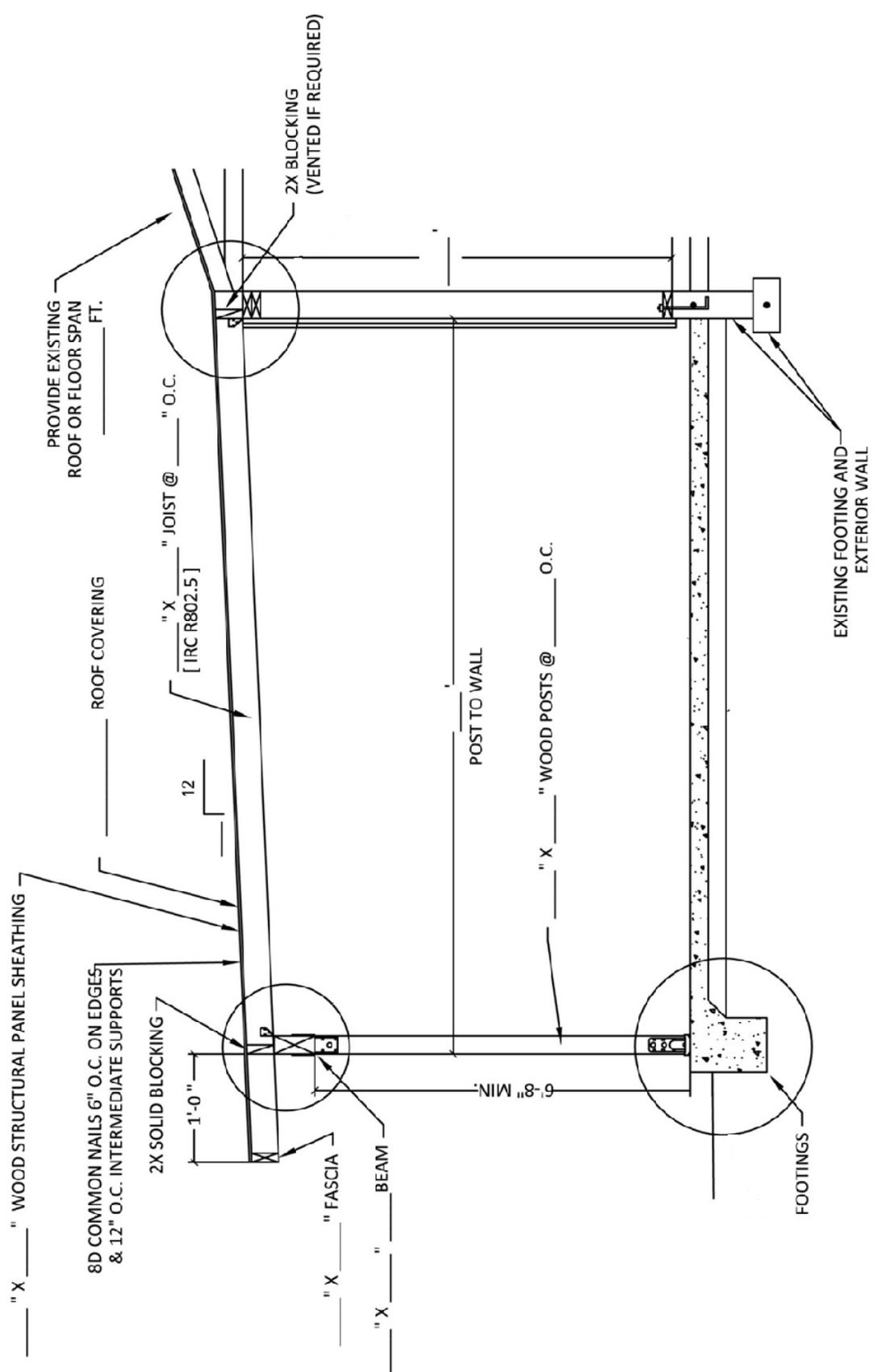


EXAMPLE ONLY



Address \_\_\_\_\_

Lot \_\_\_\_\_ Subdivision \_\_\_\_\_



" X " WOOD STRUCTURAL PANEL SHEATHING

8D COMMON NAILS 6" O.C. ON EDGES & 12" O.C. INTERMEDIATE SUPPORTS

2X SOLID BLOCKING

" X " FASCIA

" X " BEAM

POST TO WALL

" X " WOOD POSTS @ " O.C.

FOOTINGS

EXISTING FOOTING AND EXTERIOR WALL

PROVIDE EXISTING ROOF OR FLOOR SPAN \_\_\_\_\_ FT.

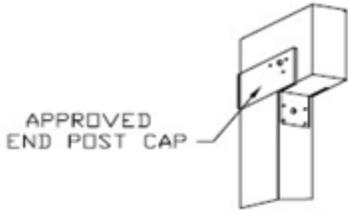
ROOF COVERING

" X " JOIST @ " O.C. [IRC R802.5]

2X BLOCKING (VENTED IF REQUIRED)

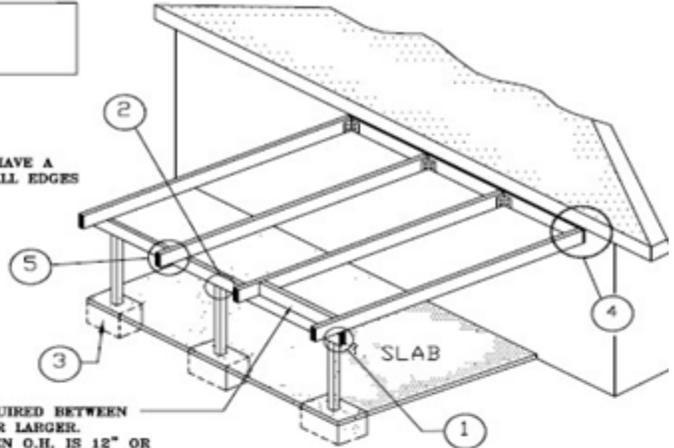
Cross Section Drawing - Wood Post

SPECIFICATIONS FOR  
**PATIO COVER**

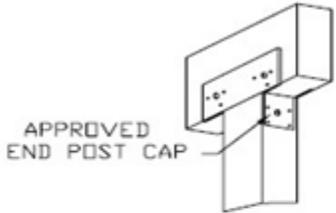


1 **END POST AND BEAM**

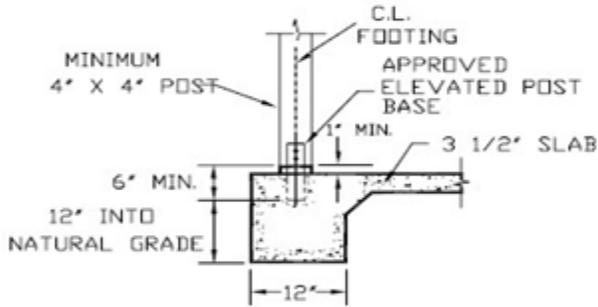
NOTE:  
O.S.B. SHEETING IS REQUIRE TO HAVE A  
MINIMUM OF 1/8" SPACING AT ALL EDGES



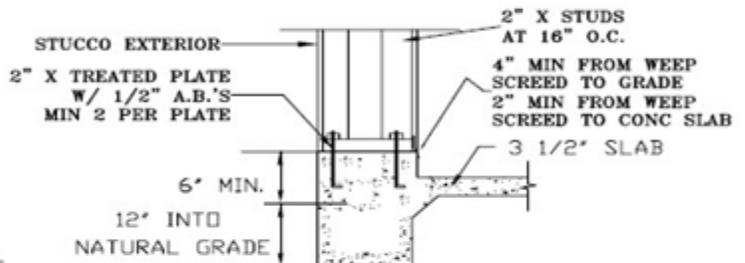
BOLOCKING REQUIRED BETWEEN  
JOISTS 2"X8" OR LARGER.  
EXCEPTION: WHEN O.H. IS 12" OR  
LESS, A 2" X FASCIA BOARD MAY  
BE USED IN LIEU OF BLOCKING



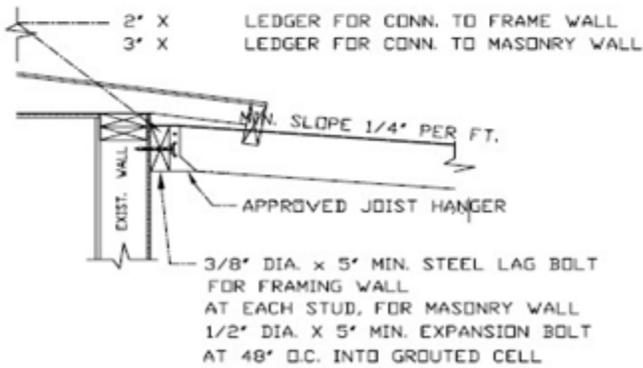
2 **POST AND BEAM**



3 **FOOTING DETAIL**

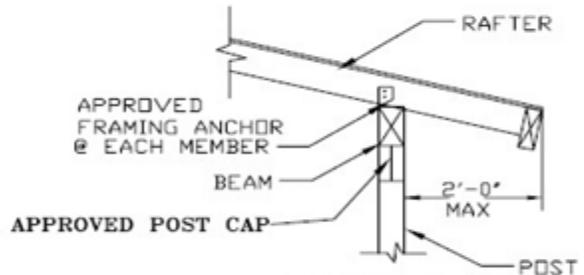


3A **FOOTING DETAIL**

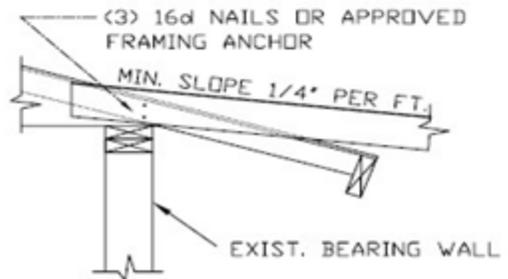


4 **LEDGER TO FRAME WALL  
LEDGER TO MASONRY WALL**

NOTE:  
REMOVE STUCCO, LATHE AND FOAM FOR  
WOOD TO WOOD CONNECTION AT LEDGER.



5 **RAFTER TO BEAM**



4-A **ALTERNATE ATTACHMENT  
FOR RAFTER ON TO BEARING WALL**