

**MOHAVE COUNTY DEVELOPMENT SERVICES DEPARTMENT  
BUILDING DIVISION**

**ATTACHED OPEN PATIO COVER**

Fill in the spaces below and CHECK the appropriate details on page 2

PATIO DIMENSIONS: Width \_\_\_\_\_ x Length \_\_\_\_\_

FOUNDATION: Pier Size \_\_\_\_\_ X \_\_\_\_\_ (See Footing Size Table)

POSTS: Size \_\_\_\_\_ in. X \_\_\_\_\_ in. Spacing \_\_\_\_\_ ft \_\_\_\_\_ in.

BEAM SIZE: \_\_\_\_\_ in. X \_\_\_\_\_ in. (See Beam Span Table)

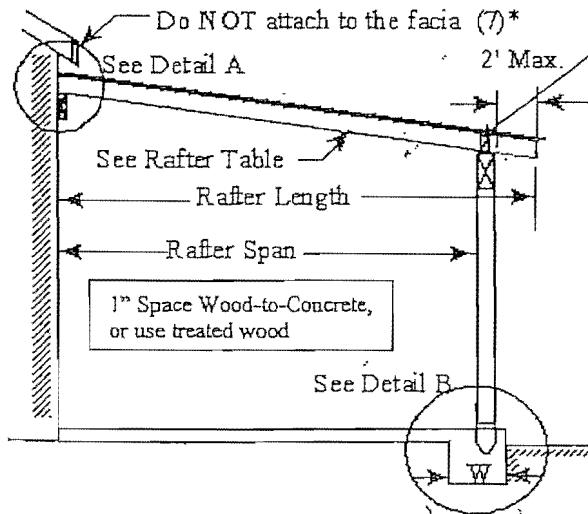
RAFTER: SIZE \_\_\_\_\_ x \_\_\_\_\_ SPAN \_\_\_\_\_ SPACING: \_\_\_\_\_ On Center (See Rafter Span Table)

rafters spanning over 10': Yes \_\_\_\_\_ No \_\_\_\_\_

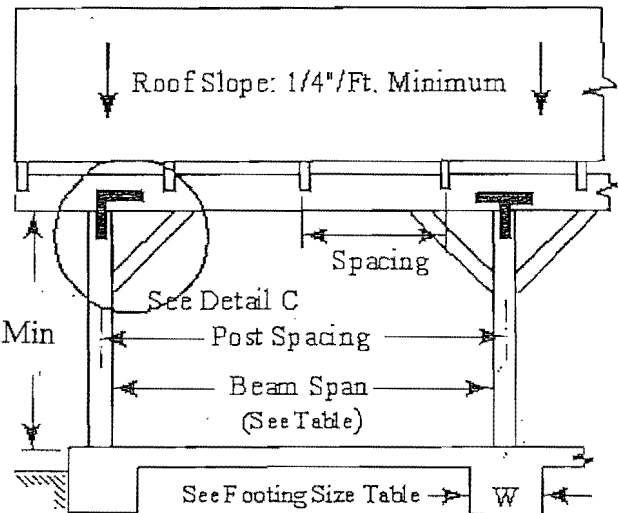
ROOF SHEATHING: Plywood \_\_\_\_\_ O.S.B. \_\_\_\_\_ Other \_\_\_\_\_ ROOF COVERING: \_\_\_\_\_

Solid 2" X Blocking Between Trusses/Rafters Or Use H2.5 (Or=)

SIDE VIEW



FRONT VIEW



**NOT FOR MOBILE OR MANUFACTURED HOMES**

| RAFTER SPANS                                                                                                                                   |                         |                 | BEAM SPANS                                                          |                          |                          | FOOTING SIZE 'W' |               |    |                      |     |     |     |     |     |  |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------|---------------------------------------------------------------------|--------------------------|--------------------------|------------------|---------------|----|----------------------|-----|-----|-----|-----|-----|--|
| Size<br>Grade<br>DF-L                                                                                                                          | Spacing<br>On<br>Center | Maximum<br>Span | Rafter Span 15' 6" Maximum<br>(See Note 1*)<br>Doug Fir-Larch No. 1 |                          |                          | Post<br>Spacing  | Rafter Length |    |                      |     |     |     |     |     |  |
|                                                                                                                                                |                         |                 |                                                                     |                          |                          |                  | 8'            | 9' | 10'                  | 11' | 12' | 13' | 14' | 15' |  |
| 2" X 4"<br><br>Const.                                                                                                                          | 12"                     | 9' 5"           | Size                                                                | Light<br>Roof<br>Note 2* | Heavy<br>Roof<br>Note 3* | 8'               |               |    |                      |     |     |     |     |     |  |
|                                                                                                                                                | 16"                     | 8' 6"           |                                                                     |                          |                          | 9'               |               |    |                      |     |     |     |     |     |  |
|                                                                                                                                                | 24"                     | 7' 2"           |                                                                     |                          |                          |                  |               |    |                      |     |     |     |     |     |  |
|                                                                                                                                                |                         |                 | 4" X 4"                                                             | 5' 6"                    | 4' 1"                    | 10'              |               |    | 12" X 12"<br>Footing |     |     |     |     |     |  |
| 2" X 6"<br><br>No. 2                                                                                                                           | 12"                     | 15' 6"          | 4" X 6"                                                             | 9' 6"                    | 7' 9"                    | 11'              |               |    |                      |     |     |     |     |     |  |
|                                                                                                                                                | 16"                     | 14' 1"          |                                                                     |                          |                          |                  |               |    |                      |     |     |     |     |     |  |
|                                                                                                                                                | 24"                     | 11' 9"          | 4" X 8"                                                             | 13' 6"                   | 11' 0"                   | 12'              |               |    |                      |     |     |     |     |     |  |
|                                                                                                                                                |                         |                 |                                                                     |                          |                          |                  |               |    |                      |     |     |     |     |     |  |
| 2" X 8"<br><br>No. 2                                                                                                                           | 12"                     | 20' 5"          | 4" X 10"                                                            | 17' 0"                   | 13' 6"                   | 13'              |               |    |                      |     |     |     |     |     |  |
|                                                                                                                                                | 16"                     | 18' 2"          |                                                                     |                          |                          |                  |               |    |                      |     |     |     |     |     |  |
|                                                                                                                                                | 24"                     | 14' 10"         | 4" X 12"                                                            | 20' 3"                   | 16' 0"                   | 14'              |               |    |                      |     |     |     |     |     |  |
| * See NOTES on page 3    Roof Slope: Minimum 1/4"/ft.<br>Beams supporting rafters spanning longer than 15' 6" require justifying calculations. |                         |                 |                                                                     |                          |                          | 15'              |               |    |                      |     |     |     |     |     |  |
|                                                                                                                                                |                         |                 |                                                                     |                          |                          |                  |               |    |                      |     |     |     |     |     |  |

MOHAVE COUNTY DEVELOPMENT SERVICES DEPARTMENT, BUILDING DIVISION

CROSS SECTION OF PATIO

