

OTC PATIO PERMIT



CITY OF HEMET DEPARTMENT OF LIFE SAFETY

1. RESIDENTIAL PATIO (*City Standards*)/
2. ALUMAWOOD PATIO (*Nationally Approved Plans*)

PERMIT REQUIREMENTS

Required Documents to issue Permit OTC:

- Application
- Site/Plot Plan
- **Planning Department OTC Approval Required**
- City Standards Handout with Specifications being used in installation circled or highlighted
- (For Alumawood) Nationally Approved Plans with stamps and current expiration date
- Owner notarized letter or signed Contract with home owner.

General Information

All work performed shall conform to:

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| | |
|---|--|
| <i>2022 California Residential Code (CRC)</i> | <i>2022 California Electrical Code (CEC)</i> |
| <i>2022 California Mechanical Code (CMC)</i> | <i>2022 California Energy Code (CEC)</i> |
| <i>2022 California Plumbing Code (CPC)</i> | <i>2022 California Fire Code (CFC)</i> |
| <i>2022 California Green Building Standard Code (CGBSC)</i> | <i>City of Hemet Municipal Code</i> |

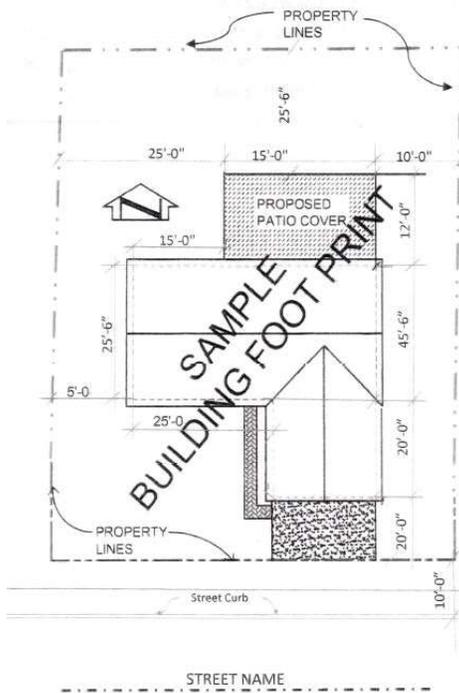
RESIDENTIAL PATIO (TO CITY STANDARDS)

OVER THE COUNTER:

- Provide post location, post spacing, and overall length on the Site Plan.
- Attach City Standards Handout with circled or highlighted specifications of installation

PLAN CHECK REQUIRED:

- If patio includes electrical-It requires Construction Documents to go through Plan Check
 - a. Show all electrical components on the Site Plan
 - b. Lights, Fans, Switches and Outlets
- If Patio is detached with electrical, show on the Site Plan:
 - a. Wire/Conduit type, wire conduit size, length of electrical run from breaker location to the patio and the size of breaker that will be installed.
- Provide a reference, to show each detail being used from the engineered plans
- Lights/Fans to be exposed for inspection and a step ladder is to be provided at time of inspection.



1. PATIO SIZE:
_____ x _____ = _____ sq. ft.
2. TYPE OF COVER:
 Lattice Attached
 Solid *Detached
3. FOOTING SIZES:
 End: _____ x _____
 Internal: _____ x _____
4. POSTS:
 Size: _____ x _____
 Spacing: _____ x _____
5. HEADER/BEAM SIZE:
 _____ x _____
6. RAFTER:
 Size: _____ x _____
 Spacing: _____ o c.
7. LEDGER SIZE:
 _____ x _____

Note:
Ledger to be same size as roof rafter or bigger.

NOTE: This Site plan information to be used only when the patio cover is being built in accordance with the CITY STANDARD specifications. Detached patios must include lateral bracing. All non-standard patio covers require formal plans submitted for plans review.

(City Standards) INSPECTIONS REQUIRED:

- 1st Inspection: Footings
 - 2nd Inspection: Rough Frame
 - 3rd Inspection: Sheeting/Roof Nail
 - 4th Inspection: Final**
- (NON ELECTRIFIED PATIOS ONLY)

RESIDENTIAL PATIO (ALUMAWOOD NATIONALLY APPROVED PLANS)

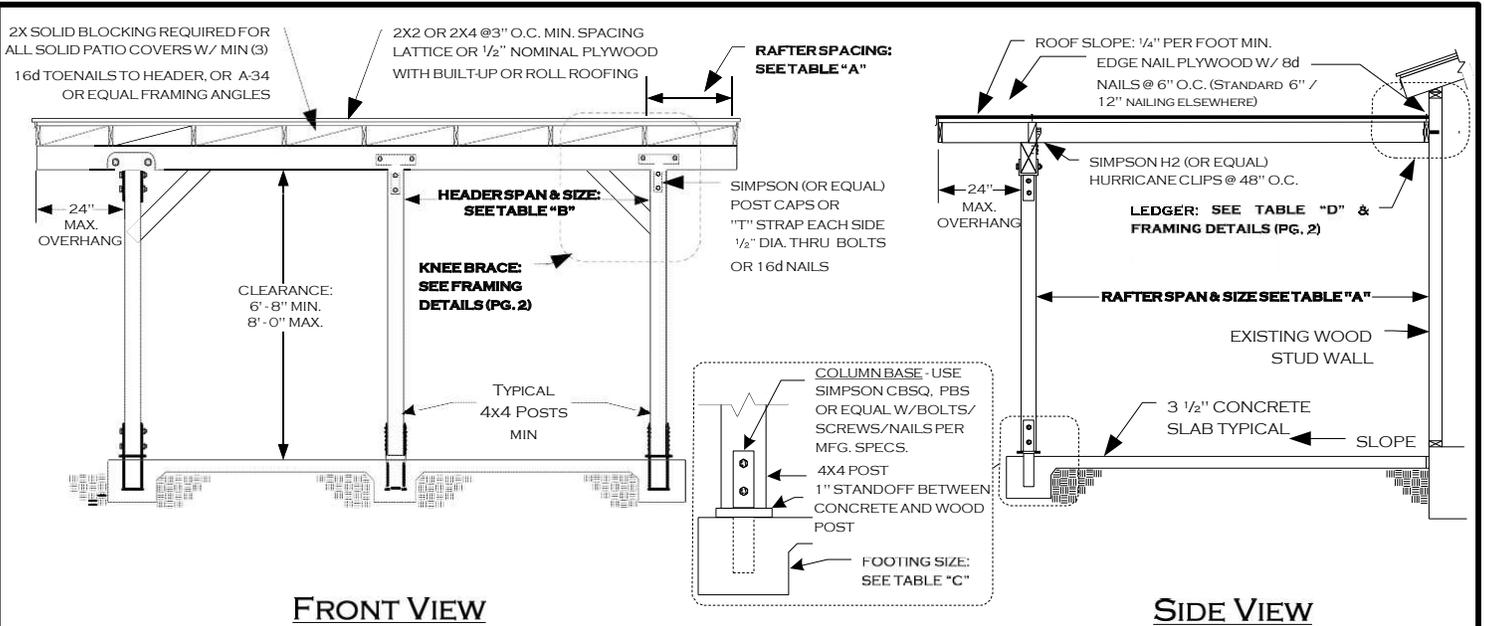
- Provide current, stamped approved set of Plans (2 Sets) with Application submittal and required documentation
- Indicate on Site Plan all locations of outlets and fans.
- Lights/Fans to be exposed for inspection and a step ladder is to be provided at time of inspection.

(Alumawood) INSPECTIONS REQUIRED:

- 1st Inspection: Ledger
- 2nd Inspection: Rough Electric/Final**

NOTE: A COPY OF THE APPROVED NATIONAL PLANS MUST BE ONSITE FOR FINAL.

NOTE: ALL ELECTRIC COVER PLATES TO BE LEFT OPEN FOR FINAL INSPECTION



| TABLE "A" RAFTER SPANS (DOUGLAS FIR #2 OR BETTER) | | |
|--|----------|----------|
| SIZE | SPACING | SPAN |
| 2x4 | 12" O.C. | 9'-10" |
| | 16" O.C. | 8'-11" |
| | 24" O.C. | 7'-8" |
| | 32" O.C. | *6'-3" |
| 2x6 | 12" O.C. | 15'-4" |
| | 16" O.C. | 13'-9" |
| | 24" O.C. | 11'-3" |
| | 32" O.C. | *9'-7" |
| 2x8 | 12" O.C. | 20'-0" |
| | 16" O.C. | 18'-2" |
| | 24" O.C. | 14'-10" |
| | 32" O.C. | *12'-8" |
| 2x10 | 12" O.C. | 20'-0" |
| | 16" O.C. | 20'-0" |
| | 24" O.C. | 18'-11" |
| | 32" O.C. | *16'-2" |
| 4x4 | 24" O.C. | 10'-0" |
| | 32" O.C. | *9'-3" |
| | 48" O.C. | *7'-8" |
| 4x6 | 24" O.C. | 15'-11" |
| | 32" O.C. | *13'-9" |
| | 48" O.C. | *11'-3" |
| 4x8 | 24" O.C. | 20'-0" |
| | 32" O.C. | *18'-2" |
| | 48" O.C. | *14'-10" |

| TABLE "B" HEADER SIZE & SPANS (DOUGLAS FIR #2 OR BETTER) | | |
|---|------------|--------|
| RAFTER | HEADER | |
| | SPAN | SIZE |
| UP TO 12'-0" | 8'-0" MAX | 4 x 6 |
| | 10'-0" MAX | 4 x 8 |
| | 12'-0" MAX | 4 x 10 |
| | 14'-0" MAX | 4 x 12 |
| 12'-1" TO 20'-0" | 8'-0" MAX | 4 x 8 |
| | 10'-0" MAX | 4 x 10 |
| | 12'-0" MAX | 4 x 12 |
| | 14'-0" MAX | 4 x 14 |

| TABLE "C" FOOTING SIZE |
|---|
| BASED ON 1000 P.S.F. SOIL BEARING PRESSURE. |
| 18" SQ. X 12" DEEP |
| 24" SQ. X 12" DEEP |

| TABLE "D" LEDGER BOLTING Δ |
|--|
| ALL LAG BOLTS SHALL HAVE 1/4" PRE-DRILLED HOLES - (SEE NOTE 2) |
| 1/2" DIA. X 5" LONG AT 16" O.C. STAGGERED |
| (2) 3/8" DIA X 5" LONG AT 16" O.C. |

NOTES:

- Two 2X MEMBERS MAY BE SUBSTITUTED FOR ONE 4X HORIZONTAL FRAMING MEMBER.
- LAG BOLTS MUST FULLY ENGAGE A WOOD STUD OR RIM JOIST AND BE PROVIDED WITH APPROPRIATE WASHERS. LAG BOLTS SHALL BE LOCATED A MINIMUM OF 1-1/2" FROM THE TOP OR BOTTOM OF THE LEDGER.
- NOT DESIGNED TO BE ENCLOSED - ADDITIONAL ENGINEERING ANALYSIS WILL BE REQUIRED IF ENCLOSED.
- SEE PAGE 2 OF 6 FOR CONSTRUCTION DETAILS.
- ARTIFICIAL LIGHTING IS REQUIRED IN ROOMS THAT HAVE WINDOW OPENINGS INTO THE COVERED PATIO AREA IF THE TOTAL WINDOW AREA IN THAT ROOM IS LESS THAN 10% OF THE FLOOR AREA OF THE ROOM OR 20 SQUARE FEET, WHICHEVER IS GREATER.

DISCLAIMER:

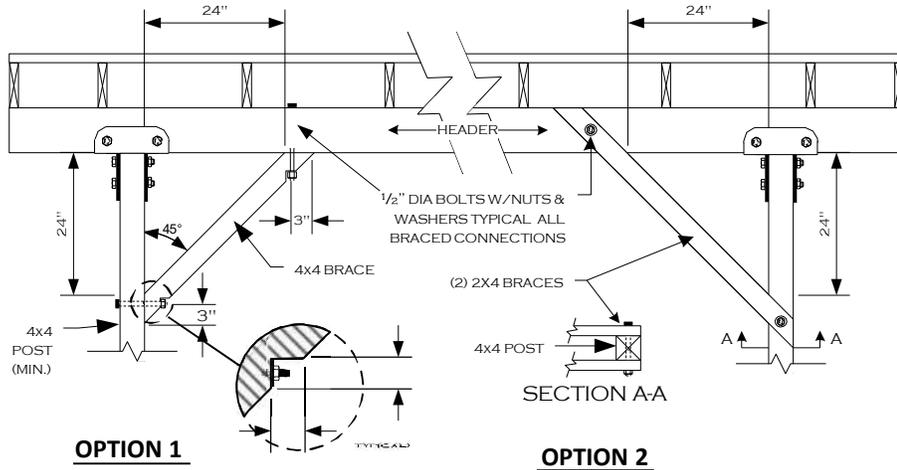
ALTERNATE PATIO DESIGNS MAY BE POSSIBLE WHEN PROVIDED WITH AN ENGINEERED ANALYSIS. USE OF THIS CONVENTIONAL STANDARD DESIGN IS AT THE USER'S RISK AND CARRIES NO IMPLIED OR INFERRED GUARANTEE AGAINST FAILURE OR DEFECTS.

* THIS SPACING AND SPAN IS FOR LATTICE PATIO COVERINGS ONLY.

| | | | |
|---|--|--|----------------|
|  | CITY OF HEMET BUILDING & SAFETY | | |
| | PATIO COVER STANDARD | | |
| 951-765-2475 | | | |
| PAGE 1 of 2 | | | REVISED 7/2023 |

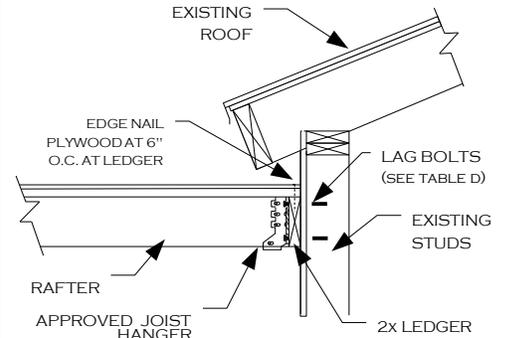
KNEE BRACE DETAIL AT END POSTS

(REQUIRED WHEN RAFTER SPAN EXCEEDS 12 FT.)



LEDGER ATTACHMENT

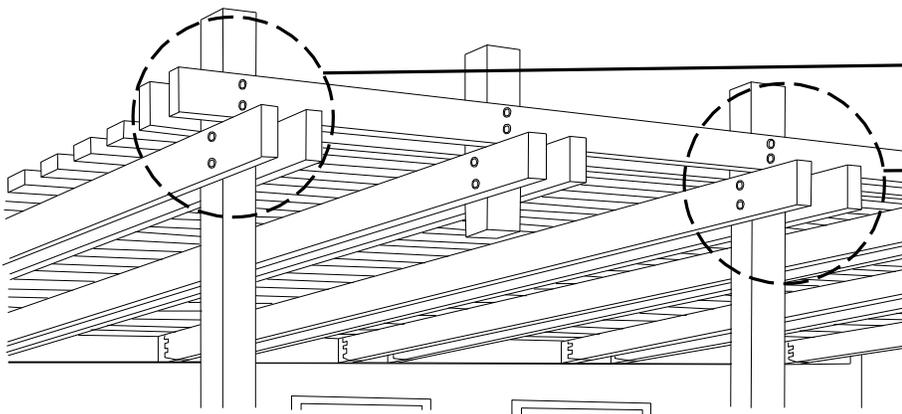
DETAIL



NOTES:

1. USE A CONTINUOUS 2X LEDGER – SAME DEPTH AS RAFTER OR LARGER
2. SEE TABLE "D" FOR BOLTING REQUIREMENTS

INVERTED HEADER DESIGN OPTION (LATTICE ONLY)



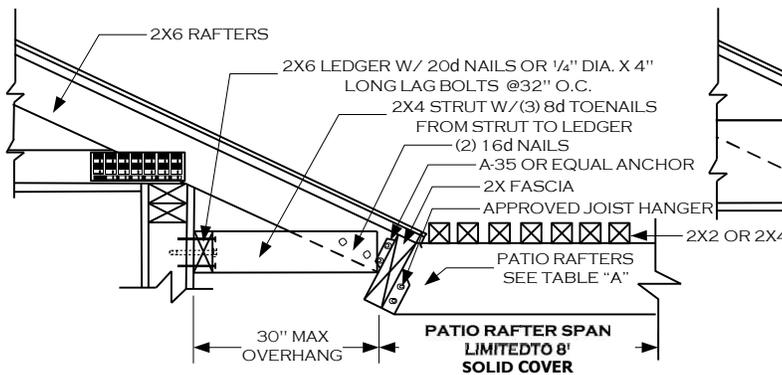
TWO 1/2" A. THRU-BOLTS (W/ WASHERS), PER CONNECTION AS SHOWN

FOR HEADERS OR RAFTERS- TWO 2X MEMBERS MAY BE SUBSTITUTED FOR ONE 4X MEMBER. SEE TABLES "A" & "B" FOR SPAN LIMITS

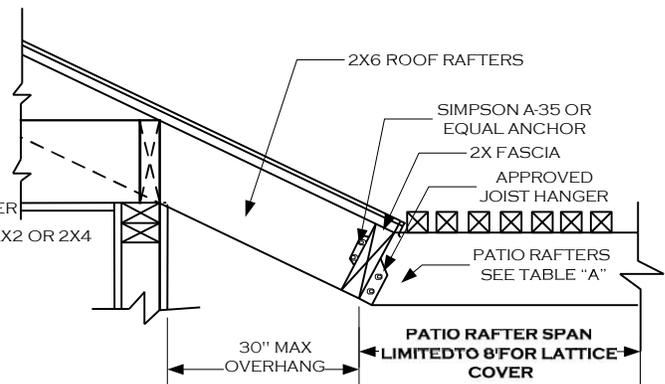
NOTE: KNEE BRACING REQUIRED WHEN RAFTER SPAN EXCEEDS 12 FEET

2X FASCIA (OVERHANG) ATTACHMENT

OPTION 1



OPTION 2



NOTE: VERIFY STRUCTURAL SOUNDNESS OF ROOF RAFTERS FOR DECAY OR TERMITE DAMAGE, AND REPLACE WITH LIKE MATERIALS AS NEEDED, AFTER CONSULTATION WITH THE BUILDING DEPARTMENT.



**CITY OF HEMET
BUILDING & SAFETY**

PATIO COVER STANDARD

(951) 765-2475