

**FRONT VIEW**

**SIDE VIEW**

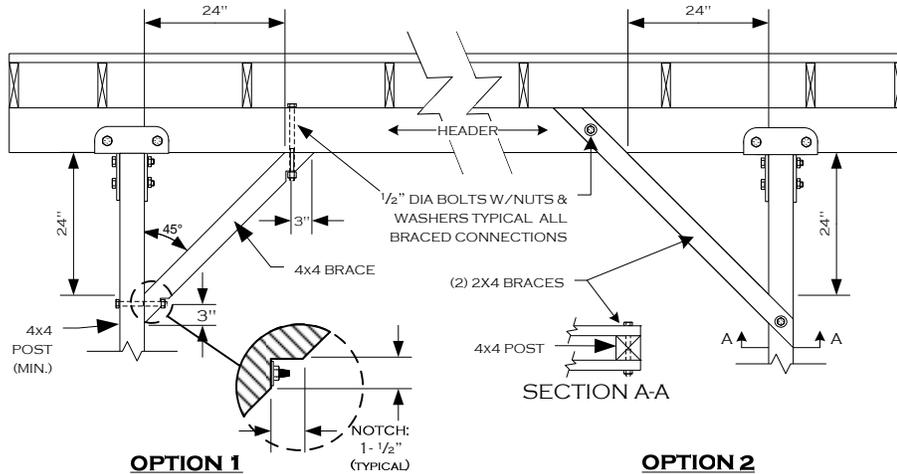
<b>TABLE "A"</b> RAFTER SPANS (DOUGLAS FIR #2 OR BETTER)			<b>TABLE "B"</b> HEADER SIZE & SPANS (DOUGLAS FIR #2 OR BETTER)			<b>TABLE "C"</b> FOOTING SIZE		<b>TABLE "D"</b> LEDGER BOLTING $\Delta$
SIZE	SPACING	SPAN	RAFTER SPAN	HEADER		BASED ON 1000 P.S.F. SOIL BEARING PRESSURE.		ALL LAG BOLTS SHALL HAVE 1/4" PRE-DRILLED HOLES - (SEE NOTE 2)
				SPAN	SIZE			
2 x 4	12" O.C.	9' - 10"	UP TO 12'-0"	8'-0" MAX	4 x 6	18" SQ. X 12" DEEP	18" SQ. X 12" DEEP	1/2" DIA. X 5" LONG AT 16" O.C. STAGGERED
	16" O.C.	8' - 11"		10'-0" MAX	4 x 8	18" SQ. X 12" DEEP		
	24" O.C.	7' - 8"		12'-0" MAX	4 x 10	18" SQ. X 12" DEEP		
	32" O.C.	*6' - 3"		14'-0" MAX	4 x 12	18" SQ. X 12" DEEP		
2 x 6	12" O.C.	15' - 4"	12'-1" TO 20'-0"	8'-0" MAX	4 x 8	24" SQ. X 12" DEEP	24" SQ. X 12" DEEP	(2) 3/8" DIA X 5" LONG AT 16" O.C.
	16" O.C.	13' - 9"		10'-0" MAX	4 x 10	24" SQ. X 12" DEEP		
	24" O.C.	11' - 3"		12'-0" MAX	4 x 12	24" SQ. X 12" DEEP		
	32" O.C.	*9' - 7"		14'-0" MAX	4 x 14	24" SQ. X 12" DEEP		
2 x 8	12" O.C.	20' - 0"	<b>NOTES:</b>	1. TWO 2X MEMBERS MAY BE SUBSTITUTED FOR ONE 4X HORIZONTAL FRAMING MEMBER.				
	16" O.C.	18' - 2"		2. 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.				
	24" O.C.	14' - 10"		3. NOT DESIGNED TO BE ENCLOSED - ADDITIONAL ENGINEERING ANALYSIS WILL BE REQUIRED IF ENCLOSED.				
	32" O.C.	*12' - 8"		4. SEE PAGE 2 OF 2 FOR CONSTRUCTION DETAILS.				
2 x 10	12" O.C.	20' - 0"		5. 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% OR THE FLOOR AREA OF THE ROOM OR 20 SQUARE FEET, WHICHEVER IS GREATER. $\Delta$				
	16" O.C.	20' - 0"	<b>DISCLAIMER:</b>					
	24" O.C.	18' - 11"	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.					
	32" O.C.	*16' - 2"						
4 x 4	24" O.C.	10' - 0"						
	32" O.C.	*9' - 3"						
	48" O.C.	*7' - 8"						
4 x 6	24" O.C.	15' - 11"						
	32" O.C.	*13' - 9"						
	48" O.C.	*11' - 3"						
4 x 8	24" O.C.	20' - 0"						
	32" O.C.	*18' - 2"						
	48" O.C.	*14' - 10"						

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

WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM			
	<b>CITY OF CORONA</b>		
	<b>BUILDING DEPARTMENT</b>		
<b>ATTACHED PATIO COVER</b>			
<b>STANDARD</b>			
(951) 736-2250		400 S. VICENTIA AVE CORONA CA 92882	
Fax (951) 739-4893	1/1/2008 $\Delta$	CORONA- PATIOStd2008,VSD	PAGE 1 OF 2

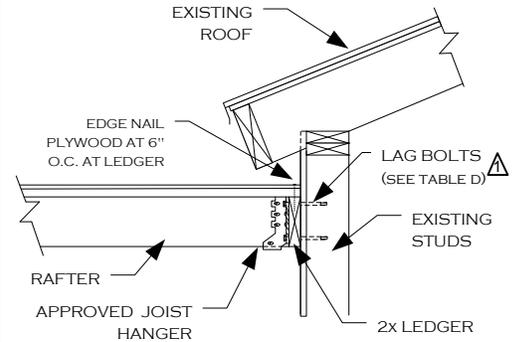
## KNEE BRACE DETAIL AT END POSTS

(REQUIRED WHEN RAFTER SPAN EXCEEDS 12 FT.)



## LEDGER ATTACHMENT

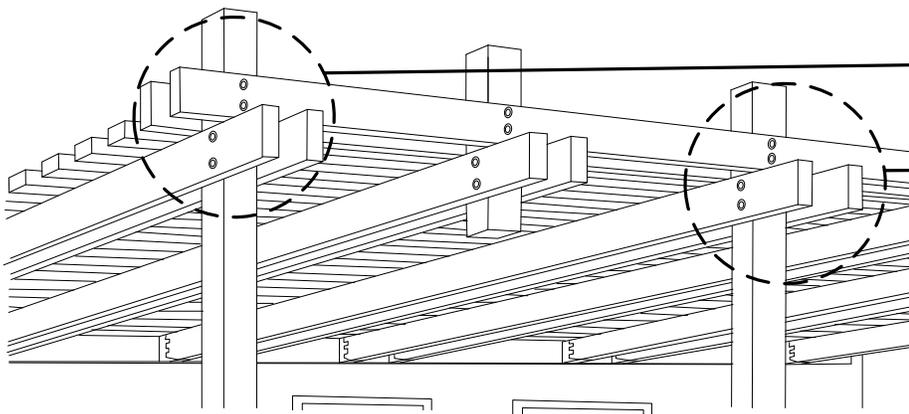
### DETAIL



**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" DIA. THRU-BOLTS (W/ WASHERS), PER CONNECTION AS SHOWN

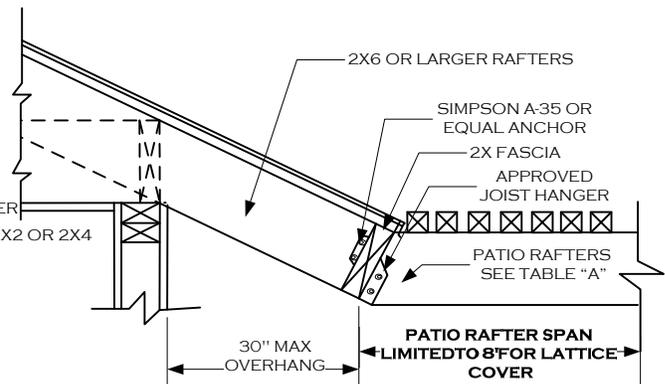
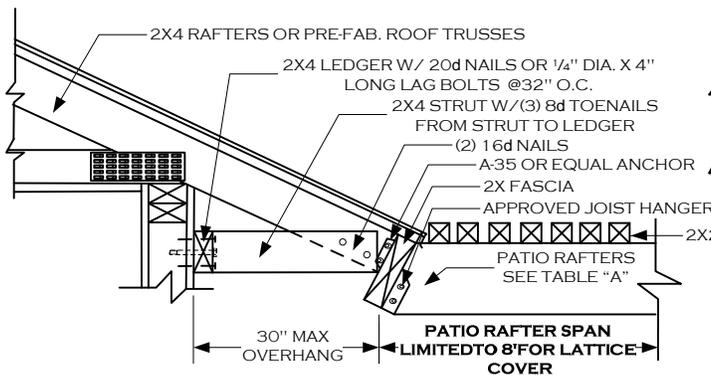
FOR HEADERS OR RAFTERS- TWO 2X MEMBERS MAY BE SUBSTITUTED FOR ONE 4X MEMBER. SEE TABLES "A" & "B" FOR SPAN LIMITS

**NOTE:** KNEE BRACING REQUIRED WHEN RAFTER SPAN EXCEEDS 12 FEET

## 2X FASCIA (OVERHANG) ATTACHMENT – LATTICE ONLY

### 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.

### WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM



## CITY OF CORONA BUILDING DEPARTMENT ATTACHED PATIO COVER STANDARD

(951) 736-2250

400 S. VICENTIA AVE  
CORONA CA 92882

Fax (951) 739-4893

1/1/2008

CORONA-  
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