



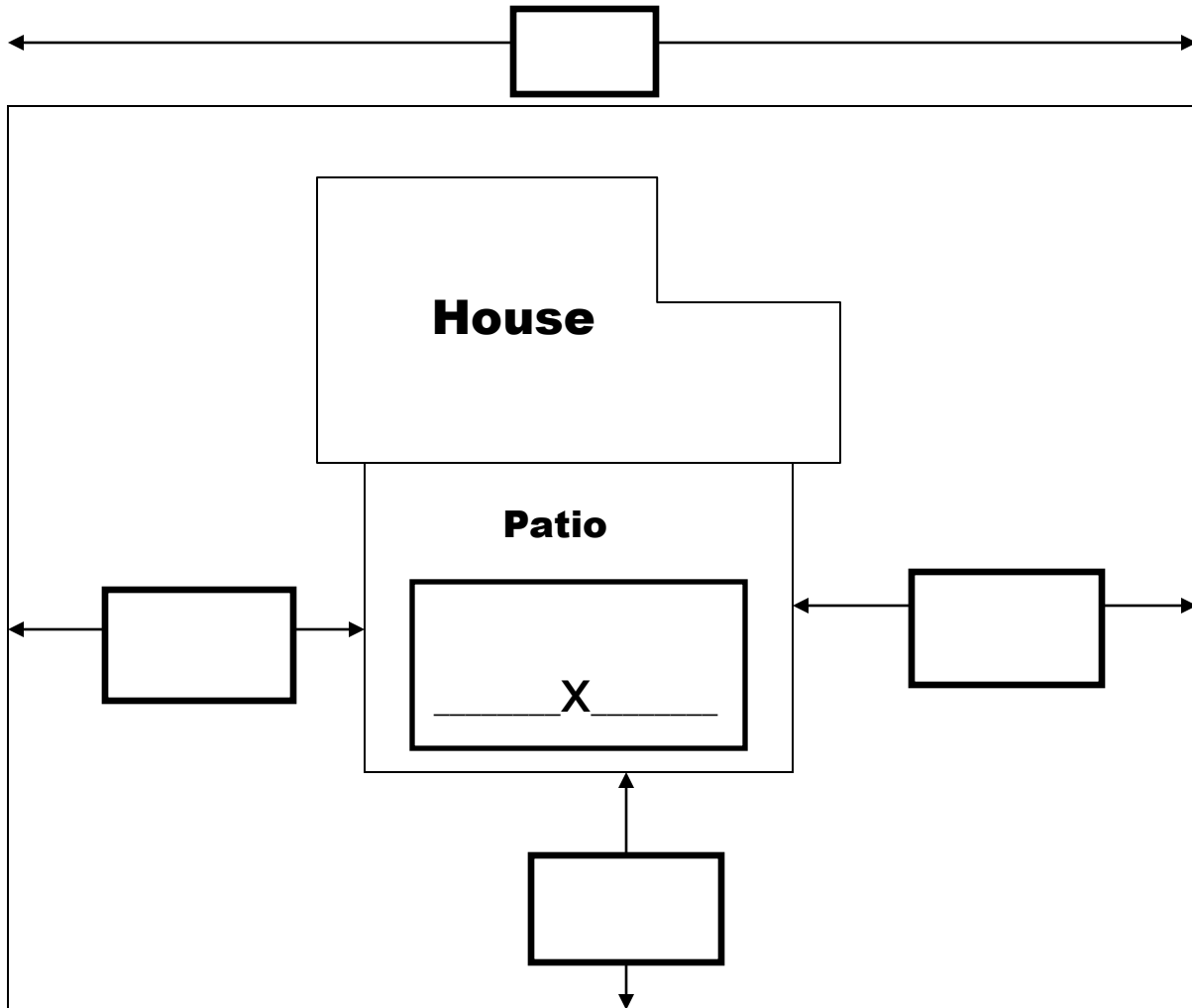
# CITY OF PERRIS

DEVELOPMENT SERVICES DEPARTMENT  
135 N. "D" Street, Perris, CA 92570-2200  
TEL: (951) 443-1029 FAX: (951) 943-8379

Office Use Only:
Zoning: _____
Lot Size: _____
Lot Coverage: _____

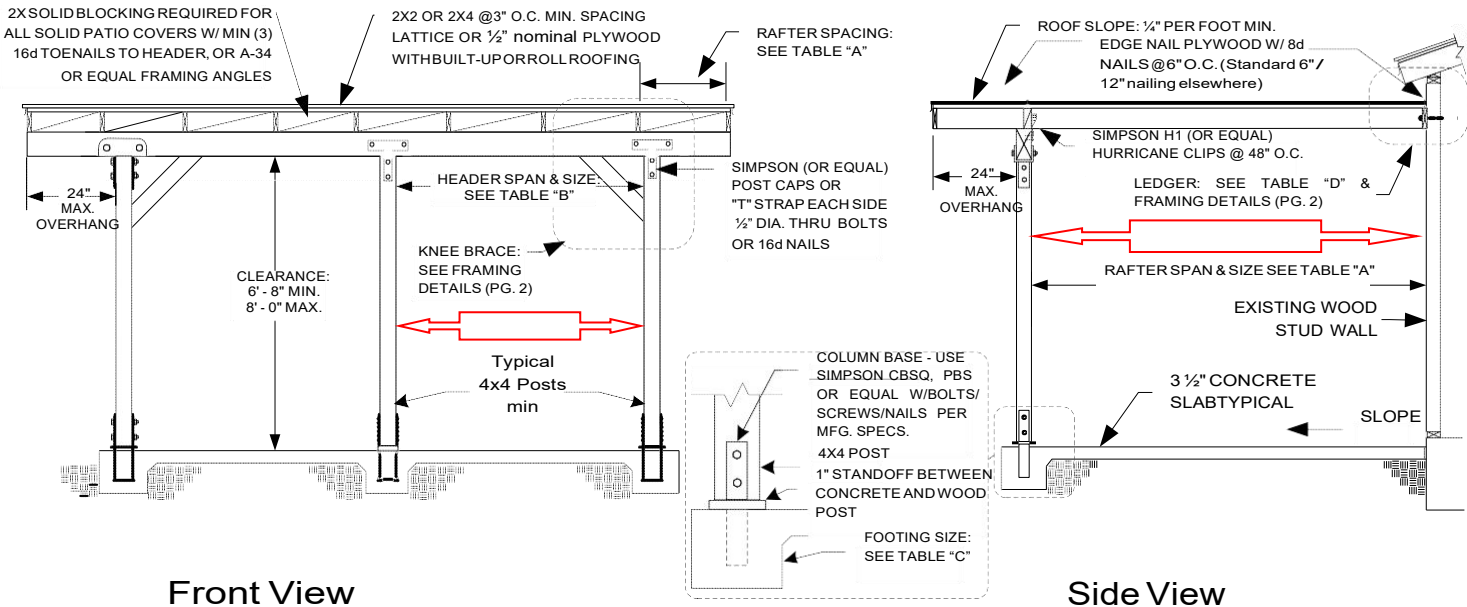
## Site Plan

INDICATE SETBACKS TO P/L IN BOXES AND DIMENSIONS OF PATIO



<b>Applicant :</b> _____
<b>Address:</b> _____ Perris, CA
<b>Scope of Work:</b> _____

Approval:
-----------




**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	
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"	UPTO 12'-0"	8'-0" MAX	4 x 6	18" SQ. X 12" DEEP	3/8" 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	
		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	(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	
		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. 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. 3. NOT DESIGNED TO BE ENCLOSED - ADDITIONAL ENGINEERING ANALYSIS WILL BE REQUIRED IF ENCLOSED. 4. SEE PAGE 2 OF 2 FOR CONSTRUCTION DETAILS. 5. A PLOT PLAN IS REQUIRED <b>DISCLAIMER: 2019 CALIFORNIA CODES</b> 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				
	16" O.C.	18' - 2"					
	24" O.C.	14' - 10"					
2 x 10	12" O.C.	20' - 0"					
	16" O.C.	20' - 0"					
	24" O.C.	18' - 11"					

INDICATE DISTANCE BETWEEN POST CIRCLE PROPOSED RAFTER SIZE HEADER SIZE AND FOOTING SIZE ON TABLES



**CITY OF PERRIS**  
Building Department

**CITY OF PERRIS**  
Building Department

**PATIO COVER STANDARD**

951-943-5003

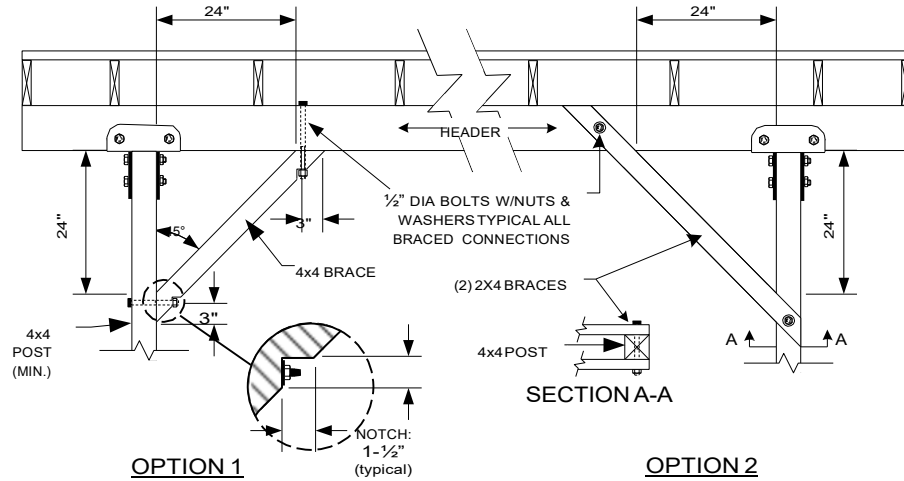
135 N. 'D' Street Perris CA 92570

01/01/2020

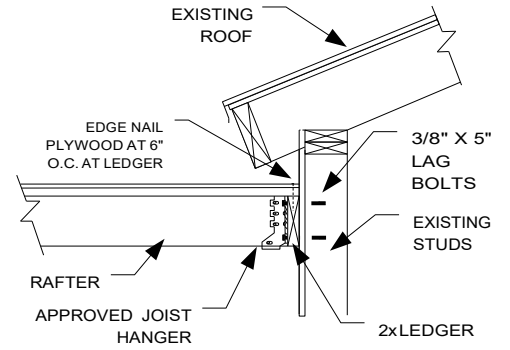
Pg. 1 of 2

## KNEE BRACE DETAIL AT END POSTS

(REQUIRED WHEN RAFTER SPAN EXCEEDS 12 FT.)



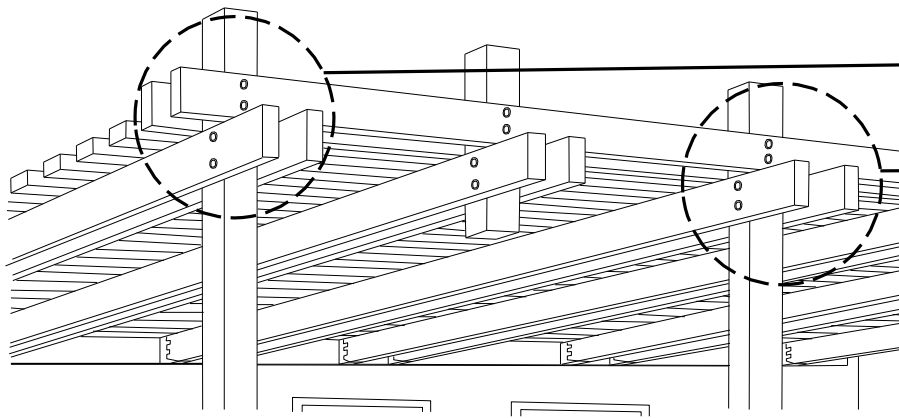
## LEDGER ATTACHMENT DETAIL



### 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)



NOTE: KNEE BRACING REQUIRED WHEN RAFTER SPAN EXCEEDS 12 FEET

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

### OPTION 1

### OPTION 2

