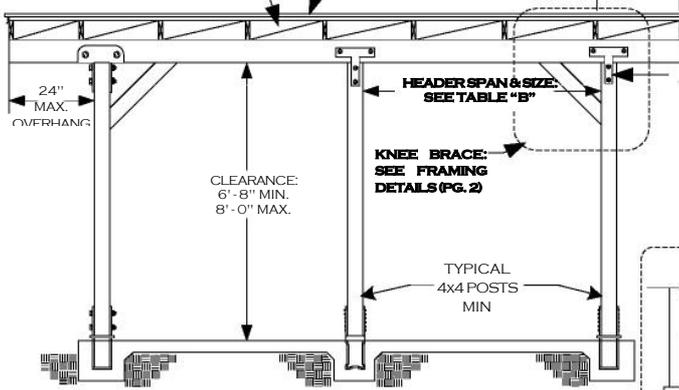


2X SOLID BLOCKING REQUIRED FOR ALL SOLID PATIO COVERS W/ MIN (3) 16d TOENAILS TO HEADER, OR A-34 OR EQUAL FRAMING ANGLES

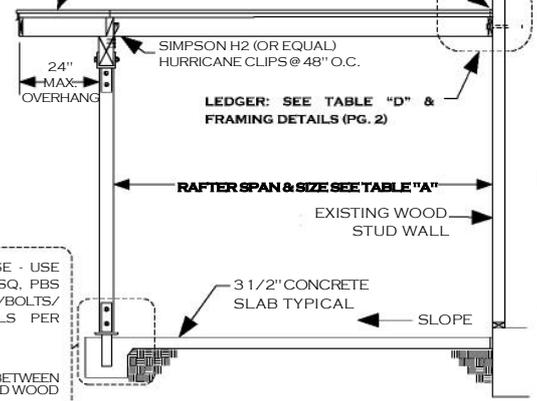
2X2 OR 2X4 @3" O.C. MIN. SPACING LATTICE OR 1/2" NOMINAL PLYWOOD WITH BUILT-UP OR ROLL ROOFING

RAFTERS SPACING: SEE TABLE "A"

ROOF SLOPE: 1/4" PER FOOT MIN.
EDGE NAIL PLYWOOD W/ 8d NAILS @ 6" O.C. (STANDARD 6" / 12" NAILING ELSEWHERE)



FRONT VIEW



SIDE VIEW

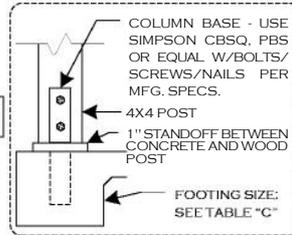


TABLE "A"		
RAFTER SPANS (DOUGLAS FIR #2 OR BETTER)		
SIZE	SPACING	SPAN
2 x 4	12" O.C.	9'-10"
	16" O.C.	8'-11"
	24" O.C.	7'-8"
	32" O.C.	*6'-3"
2 x 6	12" O.C.	15'-4"
	16" O.C.	13'-9"
	24" O.C.	11'-3"
	32" O.C.	*9'-7"
2 x 8	12" O.C.	20'-0"
	16" O.C.	18'-2"
	24" O.C.	14'-10"
	32" O.C.	*12'-8"
2 x 10	12"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

TABLE "B"		
HEADER SIZE & SPANS (DOUGLAS FIR #2 OR BETTER)		
RAFTER SPAN	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 1500 P.S.F. SOIL BEARING PRESSURE
UP TO 12'-0" Rafter Span: 18" SQ. X 12" DEEP
12'-1" TO 20'-0" Rafter Span, 8'-0" Header Span: 18" SQ. X 12" DEEP
12'-1" TO 20'-0" Rafter Span, 10'-0" Header Span: 18" SQ. X 12" DEEP
12'-1" TO 20'-0" Rafter Span, 12'-0" Header Span: 18" SQ. X 12" DEEP
12'-1" TO 20'-0" Rafter Span, 14'-0" Header Span: 18" SQ. X 12" DEEP
12'-1" TO 20'-0" Rafter Span, 8'-0" Header Span: 24" SQ. X 12" DEEP
12'-1" TO 20'-0" Rafter Span, 10'-0" Header Span: 24" SQ. X 12" DEEP
12'-1" TO 20'-0" Rafter Span, 12'-0" Header Span: 24" SQ. X 12" DEEP
12'-1" TO 20'-0" Rafter Span, 14'-0" Header Span: 24" SQ. X 12" DEEP

TABLE "D"
LEDGER BOLTING ^A
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 ANALYSIS WILL BE REQUIRED IF ENCLOSED.
- SEE PAGE 2 OF 2 FOR CONSTRUCTION DETAILS.



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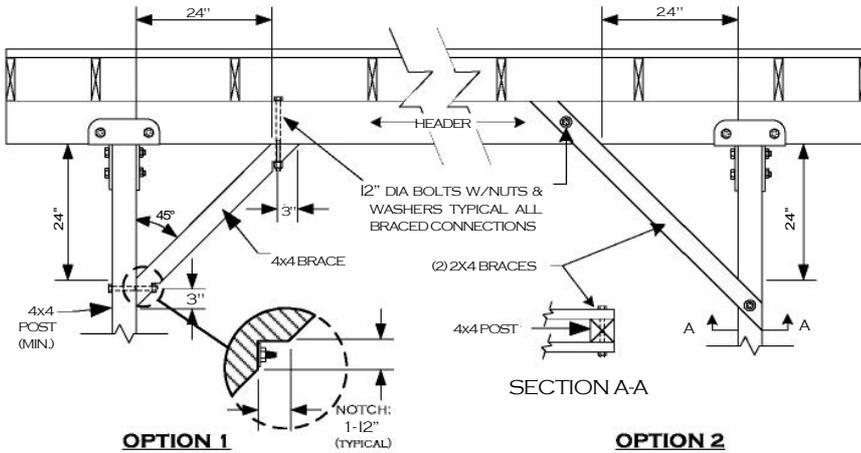
**PATIO COVER
STANDARD PLAN**

* ALTERNATE DESIGNS MAY BE SUBMITTED. USE OF THIS STANDARD IS THE RESPONSIBILITY OF THE USER.

THE STANDARD CARRIES NO IMPLIED OR INFERRED GUARANTEE AGAINST FAILURE OR DEFECTS.

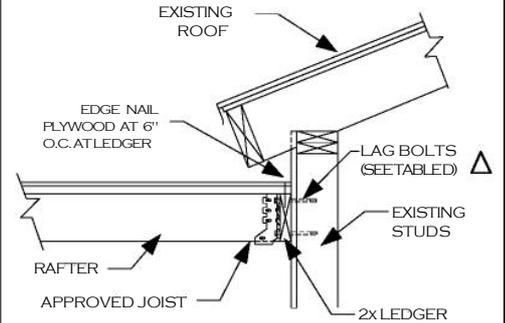
KNEE BRACE DETAIL AT END POSTS

(REQUIRED WHEN RAFTER SPAN EXCEEDS 12 FT.)



LEDGER ATTACHMENT

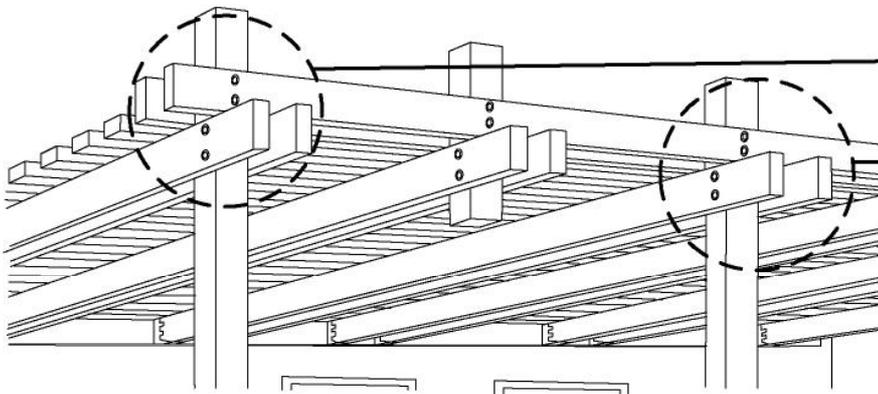
DETAIL



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)



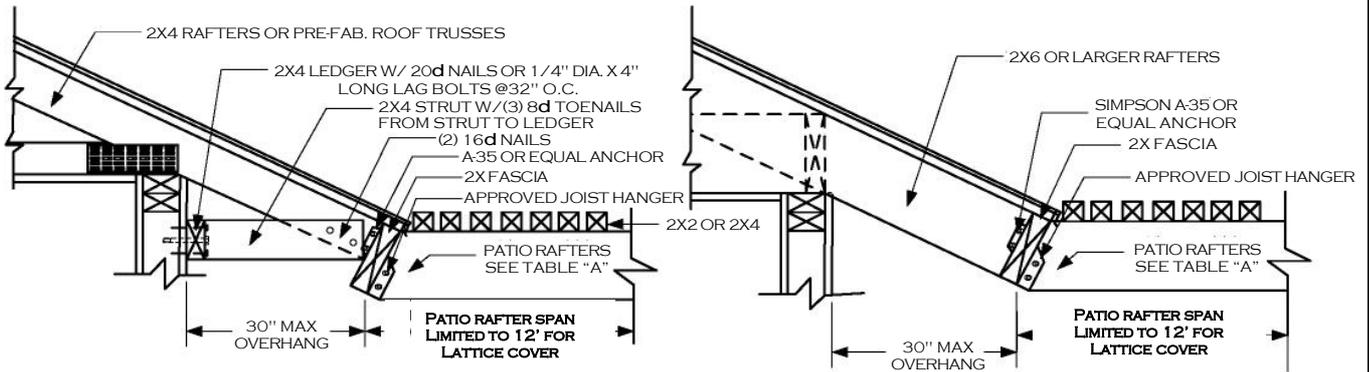
NOTE:

KNEE BRACING REQUIRED WHEN RAFTER SPAN EXCEEDS 12 FEET.

2X FASCIA (OVERHANG) ATTACHMENT – LATTICE ONLY

OPTION 1

OPTION 2



SITE PLAN – INCLUDE ALL OF THE FOLLOWING INFORMATION:

- LOT DIMENSIONS/AREA
- EASEMENTS
- DRAINAGE FLOW
- LOCATION AND SIZES OF EXISTING AND PROPOSED STRUCTURES
- SETBACKS FROM EXISTING AND PROPOSED STRUCTURES
- FLOOR AREA/LOT COVERAGE CALCULATIONS: MAXIMUM 35 PERCENT FLOOR AREA ALLOWED IN NON-HILLSIDE ZONES
- CONTACT THE PLANNING DEPARTMENT FOR LOT COVERAGE REQUIREMENTS IN HILLSIDE AREA
- TOPOGRAPHIC INFORMATION (HILLSIDE AREAS ONLY AS REQUIRED BY PLANNING)
- COVERED PARKING AREAS SUCH AS GARAGES AND CARPORTS