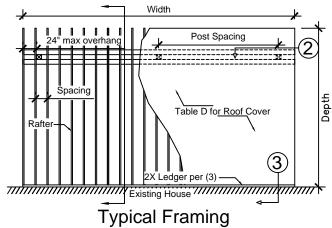
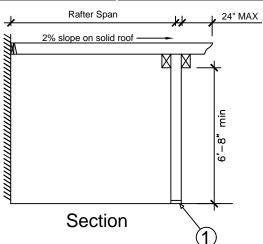


## Patio Cover Standard Plan Revised 11/5/2024

Design Criteria	Directions	Requirements
Wind Exposure	2. Choose rafter size and spacing per table B 3. Identify type of roof. If using lattice, use table D for span 4. See detail (3) for requirements on fascia attachment. 5. Identify Ledger size (Ledger depth shall be equal or greater than rafter depth). 6. Identify fronting size per table C.	Do not use pencil or red ink     If framing plan is different from what's shown on this form, provide specific plan and detailing for review.     Submit the following:     a) Two copies of site plan     b) Two copies of this form     c) Building permit application form





## Member & Foundation Sizing

1. HEADER	Header shall be X
2. RAFTER	Rafter shall be X spaced at" on center
3. ROOF	Roof shall be Solid I lattice
4. FASCIA	Fascia will be used as attachment
	(A35 & H1 or equal shall be provided per
	detail 3 if fascia attachment)
5. LEDGER	Ledger shall be X mounted on the wall with
	$\frac{3}{8}$ " X 5" lag at 16" o.c. per detail $\boxed{3}$
6. FOOTING	Footing shall be " square X" deep
7. KNEE BRACE	Knee brace required

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Table-A	\ \ \	Minimum Header Sizes								
Single	Max Pos	t Spacing		Double	Max Post	Spacing				
Size	Solid	Lattice		Size	Solid	Lattice				
4 X 4	5'-2"	6'-4"		(2) 2 X 4	5'-1"	5'-11"				
4 X 6	8'-2"	10'-0"		(2) 2 X 6	7'-7"	9'-4"				
4 X 8	11'-2"	13'-3"		(2) 2 X 8	9'-11"	12'-4"				
4 X 10	13'-7"	16'-11"		(2) 2 X 10	12'-1"	15'-8"				
4 X 12	15'-9"	20'-6"		(2) 2 X 12	13'-11"	19'-1"				
6 X 6	9'-5"	11'-5"		(2) 3 X 6	9'-9"	12'-8"				
6 X 8	11'-11"	15'-7"		(2) 3 X 8	12'-10"	15'-11"				
6 X 10	16'-4"	19'-9"		(2) 3 X 10	15'-7"	22'-3"				

Table	-В	Rafter Size & Spacing										
Rafter		Lattice Roof Rafter Spacing o.c. Solid Roof Rafter Spacing o.c.							o.c.			
Size	16"	24"	32"	36"	48"	60"	72"	16"	24"	32"	36"	48"
2 X 4	11'-6"	10"-0"	7'-11"	7'-7"	6'-11"	6'-5"	6'-1"	9'-1"	7'-11"	7'-2"	6'-11"	6'-3"
2 X 6	18'-1"	15'-5"	12'-6"	12'-1"	10'-11"	10'-1"	9'-6"	13'-10"	12'-6"	11'-4"	10'-11"	9'-11"
2 X 8	23'-10"	20'-11"	16'-6"	15'-10"	14'-5"	13'-4"	12'-7"	18'-10"	16'-6"	14'-11"	14'-5"	13'-1"
2 X 10		26'-6"	20'-11"	20'-2"	18'-4"	17'-0"	16'-0"	24'-0"	20'-11"	19'-0"	18'-4"	16'-7"
4 X 4		11'-7"	10'-6"	10'-1"	9'-2"	8'-6"	8'-0"	21'-1"	10'-6"	9'-7"	9'-2"	8'-4"
4 X 6		18'-2"	16'-6"	15'-10"	14'-5"	13'-4"	12'-7"	18'-10"	16'-6"	14'-11"	14'-5"	13'-1"
4 X 8		24'-1"	21'-10"	21'-0"	19'-1"	17'-3"	16'-8"	23'-1"	21'-10"	19'-10"	19'-1"	17'-4"
4 X 10					24'-4"	22'-7"	21'-3"			25'-4"	24'-4"	22'-1"

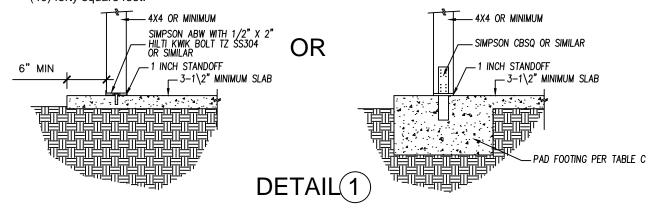
NOTE: After prolong period of time 2X4 rafter spanning more than 8'-0" may deflect permanently and give an objectionable appearance. It is therefore recommended for rafter span exceeding 8 feet, a minimum size of 2X6 be used.

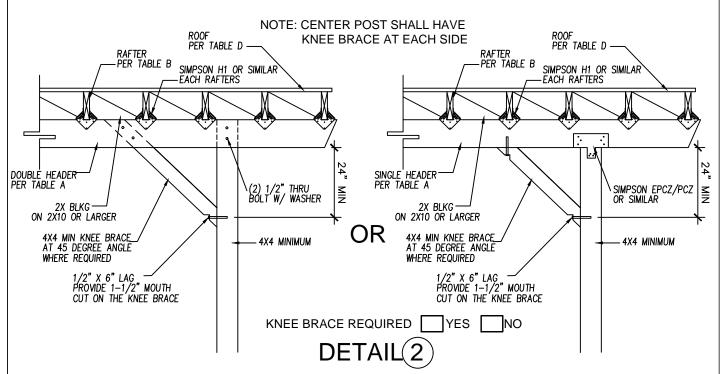
Table	-C		Mir	nimum Footing Size							
Post		Roof Rafter Span									
Spacing	6'-	-0"	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"	20'-0"		
4'-0"	18"	sq	18" sq	18" sq	18" sq	18" sq	18" sq	20" sq	20" sq	D	
6'-0"	18"	sq	18" sq	20" sq	20" sq	20" sq	22" sq	22" sq	22" sq	18" eep	
8'-0"	20"	sq	20" sq	20" sq	22" sq	22" sq	24" sq	24" sq	26" sq	Р =	
10'-0"	20"	sq	22" sq	22" sq	24" sq	24" sq	26" sq	26" sq	28" sq		
12'-0"	22"	sq	22" sq	24" sq	26" sq	26" sq	28" sq	28" sq	30" sq		
14'-0"	22"	sq	24" sq	26" sq	26" sq	28" sq	28" sq	30" sq	30" sq	24" Deep	
16'-0"	24"	sq	26" sq	26" sq	28" sq	30" sq	30" sq	33" sq	33" sq	ep 4	
18'-0"	26"	sq	26" sq	28" sq	30" sq	30" sq	33" sq	33" sq	36" sq		
20'-0"	26"	sq	28" sq	30" sq	30" sq	33" sq	33" sq	36" sq	36" sq		
	18" Deep			18" Deep 24" Deep							

Table-D	Roof Type			
2" X 2" Self Spaced Lattice 4'-0" max span				
2" X 4" Self Spaced Lattice on edge 7'-0" max span				
OR				
field nailin	lywood or $\frac{1}{2}$ " oriented strand board with 8D @ 6" o.c. edge/boundary & 12" o.c. g. Use roll or hot mop roof cover only. Rafter size 2 X10 or greater shall be with 2X blocking @ 8 feet o.c. max.			



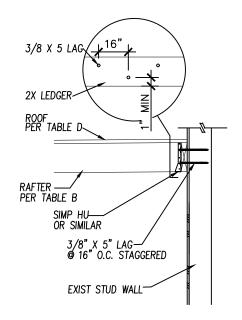
NOTE: If slab is to be used as foundation, the post shall be supporting a roof with tributary area not more than (40) forty square feet.

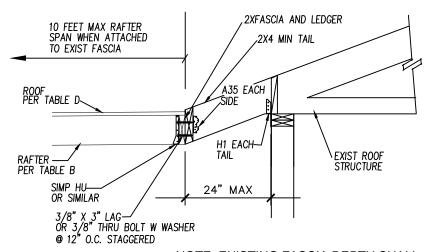




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DETAIL3

NOTE: EXISTING FASCIA DEPTH SHALL NOT BE SMALLER THAN LEDGER TO BE ATTACHED.

USE BLANK SPACE BELOW FOR PROPOSED ALTERNATIVE DETAIL

## Required inspections:

- 1. Foundation or slab attachment.
- 2. Roof sheathing (For solid roof only)
- 3. Final inspection

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