

## **INFORMATION BULLETIN / PUBLIC - BUILDING CODE**

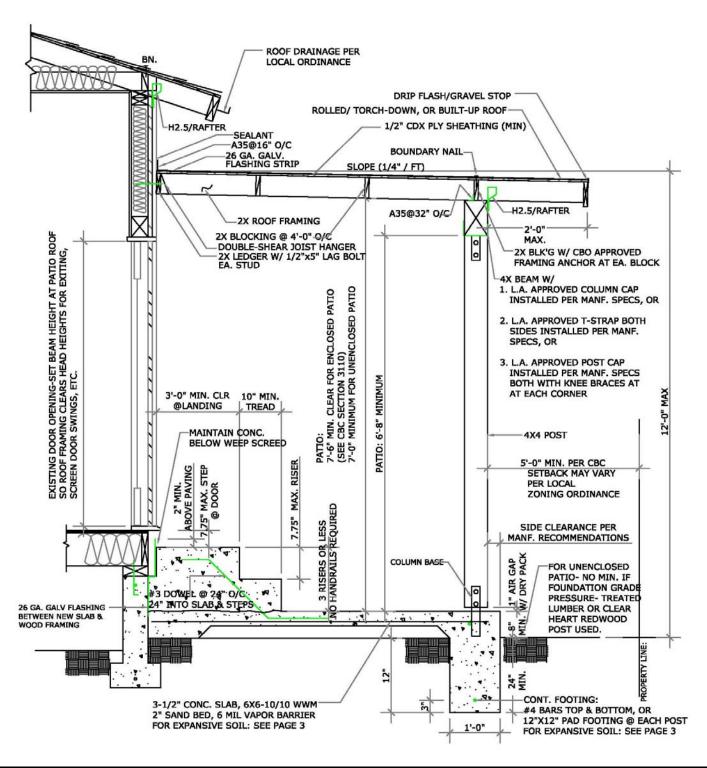
REFERENCE NO.: LABC 2308, 3111 **DOCUMENT NO.: P/BC 2014-006** 

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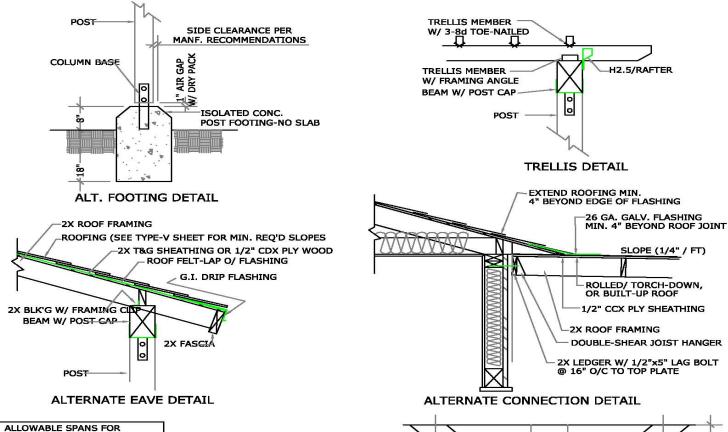
01-01-2014

## ATTACHED PATIO COVER



SLOPE (1/4" / FT)





ALLOWABLE SPA DF#1 HEADER Maximum span of tr			
SPAN	BEAM SIZE		
Up to 4'-0"	4x4		
4'-1" to 6'-0"	4x6		
6'-1" to 8'-0"	4x8		
8'-1" to 10'-0"	4x10		
10'-1" to 12'-0"	4x12*		

\* 4x12 DF No. 1 may be used over a 16'-0" garage door in one-story open patio or carport structures.

450 4X BRACE W/ 2-0" (2)1/2" LAG BOLTS MIN. 2" INTO BEAM **KNEE BRACE DETAIL** 

ALLOWABLE SPANS FOR DF#2 ROOF RAFTERS Roof Dead Load: 6psf (shingle) max Live Load: 10 psf				ALLOWABLE SPANS FOR DF#2 CEILING JOISTS Live Load: 10 psf		
RAFTER SIZE	SPACING	ALLOWABLE SPAN	RAFTER SIZE	SPACING	ALLOWABLE SPAN	
			2x4	24" 16" 12"	9'-10" 11'-3" 12'-5"	
2x6	24" 16" 12"	8'-8" 10'-8" 12'-4"	2x6	24" 16" 12"	15'-6" 17'-8" 19'-6"	
2x8	24" 16" 12"	11'-0" 13'-5" 15'-6"	2x8	24" 16" 12"	20'-5" 23'-4" 25'-8"	
2x10	24" 16" 12"	14'-0" 17'-2" 19'-10"	2x10	12"	26'-0"	
2x12	24" 16" 12"	17'-0" 20'-10" 24'-1"				

TYPE V CONSTRUCTION IS A CLASSIFICATION OF BUILDINGS BY CONSTRUCTION MATERIALS AND METHODS. IT IS THE LEAST RESTRICTIVE PERMITTED BY THE UNIFORM BUILDING CODE AND INCLUDES LIGHT, WOOD-FRAME CONSTRUCTION. THIS SHEET IS FOR INFORMATION AND REFERENCE ONLY AND IS NOT A SUBSTITUTE FOR ACCURATE DRAWINGS PREPARED FOR EACH PROPOSED CONSTRUCTION PROJECT.



## **FOOTINGS AND SLABS ON GRADE**

Unless a soil report is provided to and approved by the department clearly outlining alternate requirements for footing and slab design, all footings must comply with the expansive soil requirements contained in IB P/BC 2014-116.

## PATIO COVER ENCLOSURE

The patio cover must remain open in accordance with the opening requirements in LABC Section 3111. In the event that the patio cover is enclosed with insect screening, plastic, or glass, as permitted in LABC Section 3111, then LABC Section 3111 requires the patio cover be designed in accordance with the requirements of the Wood Frame Prescriptive Provisions for One Story Residential Construction Only (Information Bulletin P/BC 2014-004) or structural calculations must be provided to satisfy the lateral design requirements in the LABC.