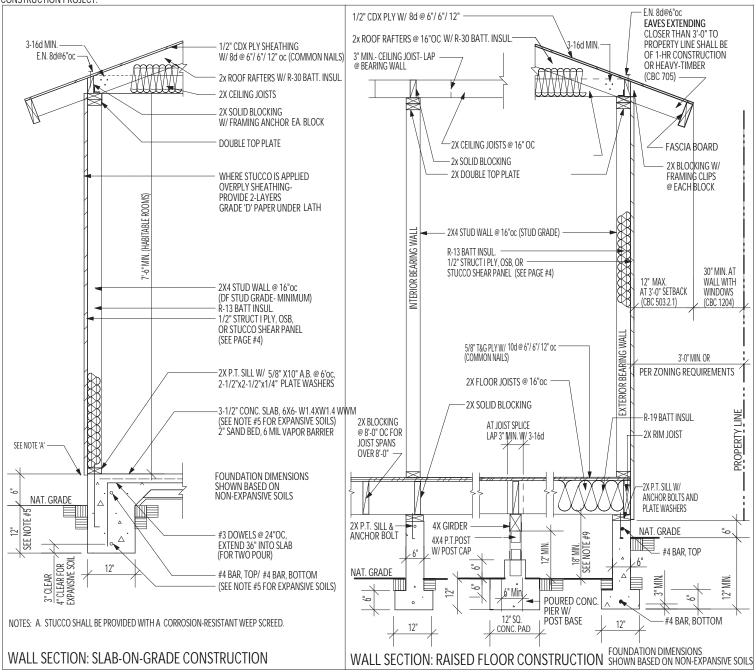


LOS ANGELES REGIONAL UNIFORM CODE PROGRAM





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



Notes:

- Anchor bolts: 5/8"x10" embedded 7" and spaced 6'-0"oc with 2-1/2"x2-1/2"x1/4" plate washers, with minimum 2 anchor bolts per piece, located not more than 12" or less than 7 bolt diameters from each end of the piece.
 All foundation plates or sills and sleepers on a concrete or masonry slab, which is in direct contact with earth, and sills that rest on concrete or masonry foundations, shall be pressure treated wood.
- Minimum Concrete Strength: 2500 psi.
- Bearing walls and braced wall panels require continuous footings
- 5. FOR EXPANSIVE SOIL: Refer to local jurisdiction requirements.
- 6. Where interior walls are shear wall panels, wall framing and sheathing shall extend to the roof sheathing.
- 7. Under floor areas shall be ventilated by approved mechanical means or by openings into the under-floor area walls. Such openings shall have a net area of not less than 1 square foot for each 150 square feet of under-floor area. Openings shall be located as close as possible to corners and provide cross ventilation. the openings shall be approximately equally distributed along the length of at least two sides. Corrosion resistant mesh w/ Minimum 1/4" openings.

 8. Enclosed attics and enclosed rafter spaces shall have cross ventilation for each separate space. The net free ventilating area shall not be less than 1/150 of the area of the space ventilated.
- The openings may be 1/300 of the area provided 50% of the opening area is provided with ventilators in the upper portion at least 3' above the eave or cornice with the balance of the ventilators provided by eave or cornice vents. Provide baffles to prevent attic insulation from blocking eave vents. (CBC 1505.3)
- 9. For stem walls greater than 24" high: Refer to local jurisdiction requirements.
- 10. For Fire Zone 4 and Very High Fire Hazard Zone: Refer to local jurisdiction requirements.

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ALLOW, Light Dead I Max. Roofin Live Load: 2	RCH)	ALLOWABLE SPANS FOR DF #2 CEILING JOISTS (DF-LARCH) Dead Load: 10 psf/ Live Load: 10 psf							
RAFTER SIZE	SPACING	ALLOWABLE SPAN		JOIST SI	IZE	SPACING	ALLOWABLE S	PAN	
				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"							
ALLOWABLE SPANS FOR DF #2 FLOOR JOISTS (DF-LARCH) Light Dead Load (up to 10 pst) Max. Flooring Load: 1.5 pst (Carpet orVinyl) Live Load: 40 psf			ALLOWABLE SPANS FOR DF #1 FLOOR GIRDERS (DF-LARCH) Max. Floor Dead Load: 15 psf Max. Tributary Width: 8'-0" SPAN CIPDER SIZE		DF#1 HEAD	ALLOWABLE SPANS FOR DF#1 HEADERS (DF-LARCH) Maximum span of tributary load: 20'-0"			
JOIST SIZE	SPACING	ALLOWABLE SPAN	PARTITIONS	PAIN INO PARTIT	IONS	GIRDER SIZE	SPAN	BEAM SI	
							Up to 4'-0"	4x4	
2x6	24"* 16" 12"	8'-6" 9'-9" 10'-9"	5'-3"	5'-8"		4x6	4'-1" to 6'-0	4x6	
2x8	24"* 16" 12"	11'-3" 12'-10" 14'-2"	6'-10"	7'-4"		4x8	6'-1" to 8'-0	4x8	
2x10	24"* 16" 12"	14-4" 16'-5" 17'-4"					8'-1" to 10'-		
2x12	24"* 16" 12"	17'-5" 19'-11" 21'-11"					* 4x12 DF No.1 may be use garage door in one-story	To'-0" to 12'-0" 4x12' * 4x12 DF No.1 may be used over a 16'-0" garage door in one-story garages without ceilings or open patio or carport structures.	
ALLOWABI CONTINUC	LE SPANS FOR PLYW OUS OVER TWO OR N	OOD OR OSB FLOOR A ORE SPANS-PERPEND	AND ROOF SH DICULAR TO S	HEATHING SUPPORTS	j		NOTE: APPLIES TO PANELS 24	" OR WIDER (UBC SEC. 2	
SHEATHING GRADES			ROOF					FLOOR	
SPAN RATING	SPAN THICKNESS	MAX.	SPAN (IN)		LOADS (PSF)		(PSF)	MAX. SPAN (IN)	
Roof/Floor Span		EDGE SUPPORT (2X BLOCKING)	NO EDGE SUPPORT For 1/2", Max. Span +24"			TOTAL LOAD	LIVE LOAD	Panel edges with tongue and groove joints or with blocking	
24/0	7/16, 1/2	24	20			40	30		
24/16	7/16, 1/2	24	24			50	40	16	
32/16	15/32, 1/2, 5/8	32	28			40	30	16	
40/20	19/32, 5/8, 3/4, 7/8	40	32			40	30	20	

NAILING SCHEDULE (CBC TABLE 23-II-B-1)	
JOIST TO SILL OR GIRDER, TOE NAIL	3-8d
BRIDGING TO JOIST, TOENAIL EACH END	2-8d
SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	16d @ 16"oc
SOLE PLATE TO JOIST OR BLOCKING, AT BRACED WALL PANELS	3-16d per 16"
TOP PLATE TO STUD, END NAIL	2-16d
STUD TO SOLE PLATE	4-8d, TOENAIL, OR 2-16d, END NAIL
DOUBLE STUDS, FACE NAIL	16d @ 24" oc
DOUBLE TOP PLATES, TYPICAL FACE NAIL	16d @ 16" oc
DOUBLE TOP PLATES, LAP SPLICE	8-16d
BLOCKING BETWEEN JOISTS OT RAFTERS TO TOP PLATE, TOENAIL	3-8d
RIM JOIST TO TOP PLATE, TOENAIL	8d @ 6" oc
TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	2-16d
CEILING JOISTS TO PLATE, TOENAIL	3-8d
CONTINUOUS HEADER TO STUD, TOENAIL	4-8d
CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	3-16d
CEILING JOISTS TO PARALLEL RAFTERS,FACE NAIL	3-16d
RAFTER TO PLATE, FACE NAIL	3-8d
BUILT-UP CORNER STUDS	16d @ 24" oc
2" PLANKS	2-16d @ EACH BEARING

2

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23/32, 3/4, 7/8

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48/24

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