DEPARTMENT OF RESOURCE MANAGEMENT

Building Division

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MANUFACTURED HOMES - NO MANUAL

(Rev: 01-03-23)

A. **IN AREAS WITH A ROOF SNOW LOAD OVER 30 POUNDS.** If no approved manufacturer's installation instructions (stamped to indicate approval by the manufacture's design approval agency) are available for the home or for the designated snow load, the entire support system shall be designed and approved by an architect or engineer.

B. **IN AREAS OF 30 POUNDS OR LESS SNOW LOAD.** If approved manufacturer's installation instructions (stamped to indicate approval by the manufacture's design-approval agency) are no longer available provide a non-engineered plan that uses the prescriptive standards of Section 1335.5, "Load Bearing Support Systems Without Manufacturer's Installation Instructions", of Article 7, Chapter 2, Division 1 of Title 25 CCR as follows:

1. MH-units manufactured prior to October 7, 1973, or MH-units for which the manufacturer's installation instructions are unobtainable, shall be supported in accordance with this subsection or on a foundation system in accordance with section 18551 of the Health and Safety Code. MH-units installed in areas exceeding a thirty (30)-pound roof live load, or to different requirements than prescribed in this section, shall have support systems designed and approved by an architect or engineer. The MH-unit shall be supported as follows:
   i. Main chassis beam supports spaced not more than six (6) feet apart longitudinally, as determined from table 1335.5-1,
   ii. Ridge beam support systems as determined from table 1335.5-2, and
   iii. wall supports under each end of a side wall opening that is forty-eight (48) inches or more in width, and under the perimeter walls at eight (8) foot intervals with footing sizes not less than two hundred seventy-five (275) square inches.

TABLE 1335.5–1
MH–unit Section Widths

Width of MH–unit Section	*Footing Area*
8 ft. wide	175 sq. in.
10 ft. wide	217 sq. in.
12 ft. wide	259 sq. in.
14 ft. wide	303 sq. in.
16 ft. wide	346 sq. in.

2. Multi-section homes manufactured prior to October 7, 1973 or multi-section homes for which the manufacturer's installation instructions are unobtainable, shall be interconnected as designed and approved by an architect or engineer or as follows:
   i. Floor connections shall be made with a three-eighths (3/8) inch diameter lag bolt or equivalent, of a length sufficient to ensure a tight connection as determined by the enforcement agency at the time of inspection. The lag bolts shall be installed twenty-four (24) inches on center. The lag bolts shall be staggered on alternating sides located where the multi-section floor lines meet.
   ii. Roof connections shall be made with a three-eights (3/8) inch diameter lag bolt or equivalent, of length sufficient to ensure a tight connection as determined by the enforcement agency at the time of inspection. The lag bolts or equivalent shall be installed twenty-four (24) inches on center. The lag bolts shall be staggered on alternating sides where the multi-section rooflines meet.
   iii. End wall connections shall be made with a number eight (8) screw or equivalent, of length sufficient to ensure a tight connection as determined by the enforcement agency at the time of inspection. The screws shall be installed eighteen (18) inches on center. The screws shall be staggered on alternating sides where the multi-section end walls meet.

TABLE 1335.5–2

Span in feet Between Ridge Beam Locations	*Unit Section Width* 10 Foot	12 Foot	14 Foot	16 Foot
	Load in Pounds Per Square Foot			
Up to 5	1250	1500	1750	2000
6	1500	1800	2100	2400
7	1750	2100	2450	2800
8	2000	2400	2800	3200
9	2250	2700	3150	3600
10	2500	3000	3500	4000
11	2750	3300	3850	4400
12	3000	3600	4200	4800
13	3250	3900	4550	5200
14	3500	4200	4900	5600
15	3750	4500	5250	6000
16	4000	4800	5600	6400
17	4250	5100	5950	6800
18	4500	5400	6300	7200
19	4750	5700	6650	7600
20	5000	6000	7000	8000
21	5250	6300	7350	8400
22	5500	6600	7700	8800
23	5750	6900	8050	9200
24	6000	7200	8400	9600
25	6250	7500	8750	10000

Note: Authority cited: Section 18300 and 18613, Health and Safety Code. Reference: Section 18613, Health and Safety Code.