

1311.0706 SECTION 706, STRUCTURAL.

IEBC section 706.2 is amended to read as follows:

706.2 Addition or replacement of roofing or replacement of equipment. Any existing gravity load-carrying structural element for which an alteration causes an increase in design dead, live, or snow load, including snow drift effects, that increases the demand-capacity ratio to more than 105 percent shall be replaced or altered as needed to carry the gravity loads required by the International Building Code for new structures. The evaluation of demand-capacity ratios and calculation of design gravity loads, forces, and capacities shall account for the cumulative effects of additions and alterations since original construction.

Exceptions:

1. Buildings of Group R occupancy with not more than five dwelling or sleeping units used solely for residential purposes where the altered building complies with the conventional light-frame construction methods of the International Building Code.
2. Buildings in which the increased dead load is due entirely to the addition of a second layer of roof covering weighing 3 pounds per square foot (0.1437 kN/m^2) or less over an existing single layer of roof covering.

Statutory Authority: *MS s 326B.02; 326B.101; 326B.106*

History: *39 SR 95; 44 SR 487*

Published Electronically: *March 31, 2020*