

WAC 296-155-707 Column anchorage. (1) General requirements for erection stability.

(a) You must anchor all columns by a minimum of 4 anchor rods (anchor bolts).

(b) Each column anchor rod (anchor bolt) assembly, including the column-to-base plate weld and the column foundation, must be designed to resist a minimum eccentric gravity load of 300 pounds (136.2 kg) located 18 inches (.46 m) from the extreme outer face of the column in each direction at the top of the column shaft.

(c) You must set columns on level finished floors, pregrouted leveling plates, leveling nuts, or shim packs which are adequate to transfer the construction loads.

(d) All columns must be evaluated by a competent person to determine whether guying or bracing is needed; if guying or bracing is needed, you must install it.

(2) Repair, replacement or field modification of anchor rods (anchor bolts).

(a) You must not repair, replace, or field-modify anchor rods (anchor bolts) without the approval of the project structural engineer of record.

(b) Prior to the erection of a column, the controlling contractor must provide written notification to the steel erector if there has been any repair, replacement or modification of the anchor rods (anchor bolts) of that column.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 16-09-085, § 296-155-707, filed 4/19/16, effective 5/20/16. Statutory Authority: RCW 49.17.010, [49.17].040, and [49.17].050. WSR 02-13-115, § 296-155-707, filed 6/19/02, effective 9/1/02.]