



Framing Guidelines for Residential Elevators

- One wall of the elevator shaft must be properly framed to support the elevator system. See attached drawing for detail.

- Typical support wall is the side wall perpendicular to the swing door hinges.

- Pay attention to the door jamb offset. Swing door jambs must be offset as shown on the shop drawings.
 - ALL doors must meet the 3-5 rule for residential elevators. (please call the office if you have questions)

- Must be able to support 300 lbs. of pullout force, with a maximum deflection on 1/8".

- Recommended method is doubled 2" x 12", running vertically from the pit to the very top of the elevator shaft. Boards must be recessed inside the wall (**not** surface mounted). Location of these boards is shown in drawings.

- Alternative method is doubled 2" x 12", running horizontally, recessed inside the wall (not surface mounted) placed every 5' from center to center, starting at the pit floor up to top of hoistway. Top 2" x 12" needs to be 18" down from ceiling to center of 2" x 12".

- A pit recessed 12" down from the bottom landing finished floor must also be provided. The dimensions of the pit must match the inside clear dimensions of the elevator shaft. The pit floor must be structurally adequate to hold approximately 3500lbs.

- Call 1-877-770-5862 with any questions and we will be happy to answer any questions or concerns.