

Chapter 5 – Erecting Exterior Long Walls

Preparation	<ol style="list-style-type: none"> 1. Erect long walls first 2. Apply two generous beads of acrylic caulk parallel to each other along the entire length where the wall will stand <u>except at door openings</u>. <ol style="list-style-type: none"> a. Stay at least 2" away from the chalk line and the deck edge. b. Apply a bead of caulk perpendicular to the two long beads at both ends of the deck and at each side of any door opening. 3. With <u>one</u> 16d duplex nail, attach a 14' or 16' 2x4 brace near the end stud near the upper plate to serve as a temporary support.
Erecting the Long Walls	<ol style="list-style-type: none"> 4. Stand up the full wall, keeping the inside of the floor plate flush to the chalk line on the deck. <ol style="list-style-type: none"> a. On the long walls, be sure to align the 5½" marks on the bottom plates flush with the adjoining wall chalk lines (the ends of the wall may not align with the edge of the deck). b. <u>Working from one end of the wall to the other</u>, nail the wall to the deck with two 3¼" Paslode nails through the floor plate between each stud and into each <u>I-joist</u> below the OSB deck. On end walls, put two 3¼" Paslode nails into each I-joist block, and one between each stud into the rim board 5. To prevent the wall from tipping over, brace it at each end using the long 2x4's attached to the wall. <ol style="list-style-type: none"> a. Before lifting the wall, attach a 2x4x24" block to the <u>inside</u> end of the long 2x4 with a <u>single</u> 16d or 3¼" Paslode nail <u>centered</u> in the block (allows room for short wall foamboard). b. Tip the wall out slightly (about ½"). c. At the bottom end of the brace, rotate the 2x4 block horizontally, nail to the rim board with two 16d duplex nails. Add a second nail through the brace into the block. d. Secure the top of the brace with a second 16d duplex nail. 6. Install turnbuckle pipe braces in the middle sections of the wall for extra support. <ol style="list-style-type: none"> a. Install using three 2" screws into the upper plate and through the floor <u>into an I-joist</u>. b. Or, screw the brace into 2x blocking secured to two I-joists with 16d duplex nails. c. Install the braces 10' to 12' apart, but don't place the brace where an interior wall will intersect an exterior wall.

Quality Points

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