

## Quick Reference Guide

March 2017  
Version 2017.0

### Chapter 5 – Erecting Interior Walls

Preparation	<ol style="list-style-type: none"><li>1. Start by erecting the longer walls that intersect the exterior walls.</li><li>2. Before erecting these walls, install 2x4 blocking between the two exterior wall studs where the interior wall will be located.<ol style="list-style-type: none"><li>a. Place this 2x4 with the wide side flush with the interior surface of the studs and top 50" off the floor.</li><li>b. <b>HAND NAIL</b> with two 16d nails through the studs into the ends of the 2x4.</li></ol></li><li>3. Wherever a <u>flush sliding</u> door intersects an exterior wall, install a similar block but with the <u>top edge</u> 83½" above the <u>floor</u>. This provides support for the door header at the end opposite that of the single Jack stud.</li></ol> <p><b>CAUTION:</b> For safety reasons, do <b>NOT</b> use a Paslode nailer for these two steps.</p>
For Walls That Do Not Include a Flush Sliding Door	<ol style="list-style-type: none"><li>4. For walls that <u>do not include a flush sliding</u> door, stand up each wall section and position the bottom plate in line with the chalk lines.<ol style="list-style-type: none"><li>a. Make sure the bottom plate is tight to the bottom plate of the exterior wall.</li><li>b. After checking that the wall is plum and tight to the exterior wall, nail at an angle <u>through the exterior wall top plate</u> into the interior wall top plate with 16d nails.</li><li>c. Nail the end stud into the blocking installed in step 2 above. Check that the joints at the upper and bottom plates are tight.</li><li>d. Staying between the chalk lines, nail the bottom plate to the floor with ¾" Paslode nails between the studs into the I-joist below. If no I-joist below, anchor with 2" screws.</li></ol></li></ol>
For Walls That Include a Flush Sliding Door	<ol style="list-style-type: none"><li>5. For walls that <u>do include a flush sliding door</u>:<ol style="list-style-type: none"><li>a. Measure the length of the upper plate and cut a 2x4 (or 2x6 if a 2x6 wall) 1-5/8" longer than that measurement. This will be the top plate for the closet wall.</li><li>b. Nail that piece to the wall upper plate, extending it 2" beyond the end of the wall upper plate and 3-5/8" short of the interior end.</li><li>c. Stand the wall up, move into position as above, tight to the exterior wall, with the <u>door header</u> resting on the blocking installed in Step 3 above.</li><li>d. Nail the bottom plate to the floor between the chalk lines.</li></ol></li><li>6. Using a long, straight 2x4 (at least 8' long) against the closet upper and bottom plates, plumb the wall and nail the end of the top plate into the exterior wall top plate with ¾" Paslode nails. (The exterior top plate will be notched later.)</li><li>7. Using the same long 2x4 against the plates, move the door header against the 2x4 and mark the edge on the horizontal blocking. Then nail at that mark with ¾" Paslode nails</li></ol>
For Remainder of Walls	<ol style="list-style-type: none"><li>8. Continue to build the remainder of the interior walls, standing them up, positioning to the chalk line, and anchoring with either ¾" Paslode nails or 2" screws.</li><li>9. Check that each wall is plum before nailing it to the adjacent wall.</li></ol>

## Quality Points

### Chapter 5 – Erecting Interior Walls