

**Chapter 3 – Marking Windows, Doors-Exterior Wall Plates**

Mark Window and Door Locations	<ol style="list-style-type: none"> <li>1. Starting at zero end, lay out the <u>long</u> walls first (See the House plan for zero corner).                         <ol style="list-style-type: none"> <li>a. Stand plates up with <u>outside edges</u> facing up</li> <li>b. Hook long tape on end of plate, mark center-line locations (☿) of windows and doors</li> <li>c. Label window/door size—e.g., 3040 window, 3068 door—on both plates</li> </ol> </li> <li>2. Layout windows and doors on <u>short walls</u> next                         <ol style="list-style-type: none"> <li>a. Again start at zero corner</li> <li>b. Extend tape 5½” past end of plates (to account for width of intersecting wall)</li> </ol> </li> <li>3. Referring to window/door sizes on Plate Layout Drawing                         <ol style="list-style-type: none"> <li>a. Mark the location of King and Jack studs</li> </ol> <p style="margin-left: 40px;">NOTE: The first two digits represent width of unit in <u>feet and inches</u> – NOT inches. The second two digits represent height, again feet and inches</p> <ol style="list-style-type: none"> <li>b. For <u>windows</u>, the separation between Jack studs (rough opening) <u>equals</u> the width of the window—e.g., separation equals 3’-6” for a 3640 window</li> <li>c. For <u>exterior doors</u>, the separation equals the width of the door <u>plus 2½”</u>—e.g., the rough opening equals 38½” for a 3068 door.</li> </ol> <p style="margin-left: 40px;">NOTE: When laying out the location of the exterior doors, take special note of the location of the porch slabs and adjacent walls. The door King studs must be at least 3” from an adjacent wall to allow for trim. Verify with the Construction Supervisor where the door should be located relative to the porch center.</p> <ol style="list-style-type: none"> <li>d. Mark all King studs with a “K” and Jack stud with a “J”.                                 <ol style="list-style-type: none"> <li>i. The Jack studs will <u>always</u> be inside the Jack studs.</li> <li>ii. Label location of both King and Jack studs on the bottom plate</li> <li>iii. Label location of the King studs only on upper plate</li> </ol> </li> </ol> <p style="margin-left: 40px;">REQUIREMENT: Any opening 6’ or wider requires two Jack studs at each end</p> </li> </ol>
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## Quality Points

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- All window and door centers are marked on the outside edges of the upper and bottom plates per the Plate Layout Drawing
  - Centers on long walls are measured from the zero end of the plates
  - Centers on short walls are measured from the zero end of the plates plus 5½"
- The rough opening for windows equals the size of the window specified in the Plate Layout Drawing
- The rough opening for doors equals the size of the door specified in the Plate Layout Drawing + 2½"
- Exterior door King studs are at least 3" from adjacent interior walls and the doors are properly located over the porch slab.
- King studs are marked on both upper and bottom plates
- Jack studs are marked only on the bottom plates
- Any windows 6' wide or wider have 2 Jack studs at each end of the crude opening