

Quick Reference Guide

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Chapter 1 - Installing Sill Plates and Egress Ladders

Foundation Preparation	<ol style="list-style-type: none">1. Trim any foamboard extending above the top surface of the foundation2. Remove any debris from the top surface of the foundation3. Check straightness of the chalk lines with a string line4. Install sill plates on pocket walls first; then proceed to non-pocket walls
Install Sill Plates	<ol style="list-style-type: none">5. Place foam sill seal on top of foundation, secured by impaling it onto foundation bolts and held at least 1" back from the chalk lines6. Determine layout of sill plates on the walls and cut pieces to appropriate lengths7. Mark locations of the foundation bolts on the sill plate material8. Drill $\frac{3}{4}$" or $\frac{7}{8}$" holes for the bolts9. Place the sill plate so it slides over the foundation bolts and is aligned with the chalk line10. Secure the sill plate with a $\frac{1}{2}$" nut on top of a $\frac{5}{16}$" washer, which is on top of a rectangular concrete form tab
Caulk Sill Plates	<ol style="list-style-type: none">11. Apply air sealing caulk between all sill plates where they abut and toenail seams with 8d nails12. Lay a thick bead of air sealing caulk on the interior side of the sill plate where it meets the foundation
Install Egress Ladder(s)	<ol style="list-style-type: none">13. Install egress ladder(s) in egress well(s), making sure ladders are plumb14. Replace metal and wood egress covers

Quality Points

Chapter 1 – Installing Sill Plates and Egress Ladders

- No sill seal extends over the foundation chalk line
- All sill plates are flush with the chalk line
- All sill plates are attached to at least two foundation bolts
- Sill plates are secured at each foundation bolt with a washer, concrete form tab, and nut, as needed
- Sight along the top of the sill plates to ensure they are straight and there are no valleys or hills
- Sill plate seams are toenailed together with 8d nails
- Sill plate seams are completely filled with air sealing caulk
- Caulk completely seals the joint where the sill plate meets the foundation
- Egress ladder(s) are installed in window well(s). Ladder(s) are plumb, centered on the wall opposite to the window, and secured with two 1 $\frac{3}{4}$ " concrete screws
- Metal and temporary wood egress covers are installed