# Quick Reference Guide

## Chapter 2 - Sill Box Foamboard,Decking

| Cut Foamboard | 1. Rip 1” foamboard sheets into 9-7/16” wide strips  
|               | 2. Cut strips into two standard lengths: 18¾” for between l-joists and 31¾” for between end blocking  
|               | 3. Use Notch Cutting Jig to notch corners of each foamboard piece  
| Install Foamboard | 4. Install foamboard into each sill box area  
|                   | 5. Apply acrylic caulk all around the inside where the foamboard meets the sill plate and the l-joists  
|                   | 6. Caulk or tape any seams in foamboard  
| Plan & Install Floor Decking | 7. Begin decking at zero corner on side of house that does NOT contain the stairway opening  
|                       | 8. Determine best layout pattern to minimize waste  
|                       | 9. Snap chalk lines at 48” intervals across the width of the foundation  
|                       | 10. Install the first course of decking  
|                           | a. Apply continuous bead of adhesive to the tops of rim boards, l-joists and end blocking  
|                           | b. Drop a sheet of decking on the l-joists, with its grooved edge aligned with the first 48” chalk line  
|                           | c. Square the sheet with the underlying l-joists and nail corners with 8d nails  
|                           | d. Adjust the l-joists to 19.2” centers and nail with 8d nails  
|                           | e. Repeat with all subsequent sheets of decking for the first course (leaving a 1/8” gap between ends of sheets)  
|                       | 11. Install remaining courses of decking  
|                           | a. Apply continuous bead of adhesive to the tops of rim boards, l-joists and end blocking  
|                           | b. Drop a sheet of decking on the l-joists, with its tongue edge facing the grooved edge of the previous course  
|                           | c. Use a sledge hammer and 6 – 8’ piece of scrap 2x4 to move the new piece tightly to the previously installed course of decking  
|                           | d. Square the sheet with the underlying l-joists and nail corners with 8d nails.  
|                           | e. Adjust the l-joists to 19.2” centers and nail with 8d nails  
|                           | f. Be sure to leave a 1/8” gap between ends of sheets  
|                       | 12. Complete nailing of all sheets of decking with seven 8d nails on the edges and five 8d nails in the field  
|                       | 13. Cut away decking over stairway opening, leaving a 1¼” overhang where the top of the stairs will be attached  
|                       | 14. Securely cover stairwell opening  
| Basement Preparation | 15. Apply Geocell caulk all around the perimeter of the basement floor where it meets the foundation wall |
Quality Points

Chapter 2 – Sill Box Foamboard, Decking

- Each sill box is filled with a 1” layer of foamboard which is caulked around its entire perimeter
- All seams between decking sheets are no more than ¼” wide
- Each decking sheet is properly nailed:
  - seven 8d nails on the edges and five 8d nails in the field
  - nails are sunk to the proper depth
  - any nails that missed the framing below the deck have been removed and re-nailed
- Each sheet has been marked with a red OK
- End blocking marks have been transferred to the top of the decking
- If stairwell opening has been cut, it must be securely covered by the end of the work day
- Basement floor caulked with Geocell caulk.