

Chapter 10a – Blocking for Bathroom

Safety Instruction	1. ALL blocking in stud bays MUST be installed by either hand nailing using 16d nails or secured using 3" sheetrock screws. DO NOT USE framing nailers to install this blocking as an improperly aimed nailer can fire a nail that misses or passes through the wood and potentially strike a fellow worker.
Grab-Bar Blocking	2. Install 2x6 blocking adjacent to the shower and along the back side of the toilet and the wall along the side of the toilet. TOP of the blocking to be 36" above the floor. 3. First, install blocking in a corner stud bay by attaching three 16d nails or 3" sheetrock screws through the open stud bay into the blocking. Secure the other end to the corner stud by toenailing or screwing through the top and bottom of the blocking into the corner stud. 4. Successively install blocking into adjacent stud bays using the same procedure as in Step 3.
Bathroom Mirror Blocking	5. Install 2x6 blocking above the vanity area (see House Plan) in all stud bays where the vanity will be installed. TOPS of the blocking to be 40" and 76" above the floor. a. Use the procedure described in Steps 3 and 4 to install the 2x6 blocking.
Assemble Short (18") Towel Bar Blocking	6. Consult House Plan and ensure the vanity is to be installed in a corner of the bathroom. 7. Install 2x6 blocking in the wall along one side of the vanity, extending out at least 24" from the back corner of the vanity. TOP of the blocking to be 60" above the floor. a. Use the procedure described in Steps 3 and 4 to install the 2x6 blocking. 8. If vanity is not to be installed in a corner, consult the Construction Supervisor to locate the Short Towel Bar location.
Long (24") Towel Bar Blocking	9. Install 2x6 blocking in the wall next to the shower, extending out at least 36" from the edge of the shower. TOP of the blocking to be 60" above the floor. a. Use the procedure described in Steps 3 and 4 to install the 2x6 blocking. If it is not possible to install the Long Towel Bar blocking next to the shower, consult Construction Supervisor about alternative installation location under the window.
Linen Cabinet Blocking	10. Install 2x6 blocking along the back and one side of where the linen cabinet will be located. TOP of the blocking to be 60" above the floor. a. Use the procedure described in Steps 3 and 4 to install the 2x6 blocking.
Toilet Paper Holder Blocking	11. Install 2x6 blocking in the wall next to the toilet, covering at least a 12" span centered 32" from the wall behind the toilet. TOP of the blocking to be 26" above the floor. a. Use the procedure described in Steps 3 and 4 to install the 2x6 blocking.
Tub/Shower Nailing Flange Blocking – Long End Wall	12. Select one straight 2x6 stud for blocking on the long end wall where the tub/shower unit will be installed. Position the FACE of the 2x6 stud vertically and flush with the tub-side of the long end wall. 13. For main floor shower/tub units, position the blocking 32" to center from the back wall. For basement shower units, position the blocking 35" to center from the back wall. a. Secure the 2x6 stud by toenailing 16d nails, or screwing 3" sheetrock screws into the top and bottom plates of the long end wall.
Tub/Shower Nailing Flange Blocking – Short End Wall	<ul style="list-style-type: none"> • Select one straight 2x6 stud for blocking on the short end wall where the tub/shower nailing flange will be located. Position the FACE of the 2x6 stud flush with the tub-side of the short end wall with one edge of the 2x6 stud butted up against the 2x4 forming the end of the short end wall. • Attach the 2x6 stud to the 2x4 stud to create an "L-corner" <ul style="list-style-type: none"> ○ Secure the 2x6 stud by toenailing 16d nails, or screwing 3" sheetrock screws into the top and bottom plates of the short end wall.
Tub on Exterior Wall	<ul style="list-style-type: none"> • Insulate and apply poly per Section 12.4 & 12.5 • Apply ½" OSB or sheetrock (gaps of 1-3" are acceptable - NO GAPS 24" DOWN FROM THE TOP PLATE) • Verify there is sufficient blocking in the tub corners.
Mark Blocking Location	<ul style="list-style-type: none"> • Mark on the floor with black crayon the location and purpose of blocking for the Grab Bar (GB), Short Towel Bar (STB), Long Towel Bar (LTB), and Toilet Paper Holder (TP). Spray over the crayon marks with clear varnish to avoid crayon marks wearing off.

Quality Points

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- Blocking for Grab Bar runs from the shower, along the back side of the toilet, and along the side of the toilet. TOP of the blocking is 36" above the floor.
- Blocking for Bathroom Mirror is positioned where the vanity will be located. TOPS of the blocking are 40" and 76" above the floor.
- Blocking for the Short Towel Bar is positioned along the side where the vanity will be located extends out at least 24" from the back corner of the vanity. TOP of the blocking is 60" above the floor.
- Blocking for the Long Towel Bar is positioned in the wall next to the shower, extending out at least 36" from the edge of the shower. TOP of the blocking is 60" above the floor.
- Blocking for Linen Cabinet is positioned along the back and one side of where the linen cabinet will be located. TOP of the blocking is 60" above the floor.
- Blocking for the Toilet Paper Holder is positioned in the wall next to the toilet, covering at least a 12" span, centered 32" from the wall behind the toilet. TOP of the blocking is 26" above the floor.
- 2x6 blocking for the Tub/Shower Nailing Flange is positioned in the long end wall, 32" to center from the back wall for main floor units, or 35" to center from the back wall for basement units.
- Black crayon marks are on the floor indicating location and purpose of blocking for the Grab Bar (GB), Short Towel Bar (STB), Long Towel Bar (LTB), and Toilet Paper Holder (TP). Clear varnish is sprayed on the crayon marks.