

Log Cabin Construction Info

Roof Components:

- D-Ribbed steel roof (Wheatland Steel and Trim) *Gutters optional.
- 5/8" plywood sheathing, with felt barrier and ice damn on lower 1/3 of roof
- 2x10 rafter boards, 16" OC, rafters are notched to set on log walls, hurricane strapping
- up to 7" (R49) of closed cell spray foam applied directly to underside of plywood sheathing AFTER delivery of building "shell".
- Lastly, covered with T&G pine siding secured directly to the rafters(after any required local inspection)
 - *Electrical fixtures can now be installed
- 16" roof eave with unvented soffit, T&G pine paneling

Walls:

- 7x7 kiln dried pine log/timber walls, corners are butt-and-pass style with 8" extension
- Each row is secured via high strength construction adhesive and 10" lag screws
 - *lags every 2'
- 7' wall height (low wall) and 10' center wall height (tallest point)
 - *creates a 3:12 roof pitch
- Timbers are stained and sealed
(Interior: Permachink Lifeline Series, Exterior: NaturalKote Brand)
- Electrical is bored in the log walls for all vertical runs, and all horizontal runs are ran in the bottom log along the interior side of the log, covered with protective steel plate and pine baseboard.
- Main section (12' wide) is a 4-sided stand alone structure, with the 2nd section (10' wide) being a 3 sided structure to attach along side of the 1st section. The 3rd and 4th section are also 3-sided structures, securing to each end of the 12x32 section.

Floor:

- 2x12 treated floor joists (rim joists are tripled)
- 1/2" treated ply underneath floor insulation, secured to firing strips between joists.
- R30 fiberglass batt insulation laid between joists Installed after any local inspection after delivery)
- 3/4" OSB subfloor (not fully secured until after any local inspection after delivery)
- Finished flooring can be installed during return trip (along with the ceiling covering).

Windows and Doors:

- Doors are 36" 9-pane window fiberglass doors, insulated, painted to match roof
 - patio doors are vinyl, insulated, customer choice of brand and color
- Windows are vinyl, double pane, with a wood grain interior and antique bronze exterior.
(Slider sizes: 6x3, 4x3, 3x3, Double Hung Size: 2x3, Transom Size: 4x1)
- Doors and windows all trimmed with pine, stained to match logs

*No plumbing or HVAC provided or installed.