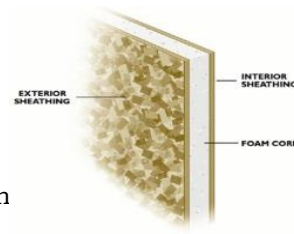


# Advanced Building & Development L.L.C.

Leading Edge Building Technology



**CUSTOMER:** Tapscott Cabin w/loft on slab  
**COMPLETED:** 3/25/2010 1,472 Sq. Ft.  
**DESCRIPTION:** 4.5" SIP exterior and interior walls - precut package with accessories and installation drawings

*This preliminary estimate is based on our interpretation of the plans and information that has been furnished to ABD at this time, and should only be*

### Exterior Wall Panels

Wall Height	10.0
Panel Thickness	4 1/2
Core Thickness	3 5/8
<b>Clear Wall</b> R-Value	16.0
Int & Ext Sheathing	7/16" OSB

### Wall Panel Accessories

Insulated Headers	20	LF
Insulate Block	39	8'
Wall Screws	85	#
Do All Ply	124	#
Foam Cutter	1	#
Lifting Plates	2	#

- Openings for windows and doors are pre-cut and ready for framing with (optional) lumber
- Chases for electrical and data are pre-cut
- Headers for windows and doors are included where required
- Wall/gable panel connection is with insulated block splines unless structural lumber is
- Not included: interior stud walls, which should be conventionally built

### Roof Panels

Panel Thickness	8 1/4
Core Thickness	7 3/8
<b>Clear Wall</b> R-Value	32.0
Int & Ext Sheathing	7/16" OSB

### Roof Panel Accessories

EPS Ridge Foam	36	LF
Panel Screws	480	#
Insulated Block Splir	0	LF
<b>Beams</b>	#VALUE!	72
		LF

- Panel to panel connection with double 2x8 in 48" wide panels.
- One intermediate support post to make beam open span 20' maximum
- Not included: any porch roofs, decks, which should be conventionally built

### Notes

**ABD's SIPs are treated with FrameGuard™ for 20-year mold and termite protection**

Detailed shop drawings will be provided describing panel assembly

A licensed Professional Engineer will provide a set of "wet stamped" plans

Estimate assembly time of the panelized system with crew of 6 in 2.3 days

Estimate, lumber, and beam package subject to final engineering review

"Lumber Package" is based on current market prices with a 10% scrap rate

**Freight is based on current cost, but it is subject to additional fuel surcharges**

### Precision CNC (computer numerical control) Cut Panels & Accessories

SIP PRODUCTS,		COST	ER SQ FT LIVING AREA
Wall Panels		\$ 12,701.26	\$ 8.63
Roof Panels		\$ 8,569.95	\$ 5.82
Panel Accessories & Cutting		\$ 4,318.91	\$ 2.93
Rim Board Spacer Plate	1.125"	\$ 734.54	\$ 0.50
Engineered Beams		\$ 898.35	\$ 0.61
<b>SUB-TOTAL</b>		<b>\$ 27,223.02</b>	<b>\$ 18.49</b>
State taxes	2.9%	\$ 789.47	\$ 0.54
Professional Engineering Services		\$ 400.00	\$ 0.27
Drafting of SIP Layout Plans		\$ 870.40	\$ 0.59
Freight	1 trailers	\$ 4,156.50	\$ 2.82
<b>TOTAL DELIVERED</b>		<b>\$ 33,439.39</b>	<b>\$ 22.72</b>

<b>ASSEMBLY LABOR DETAIL</b>		<b>CREW</b>	<b>DAYS</b>
Unload Panels			0.4
Wall Panels			0.6
Wall Corners			0.1
Wall Headers (king & jack)			0.1
Top Plate			0.0
Roof Panels			0.8
Dormers			0.0
Unproductive Time	20%		0.3
<b>TOTAL</b>		<b>6</b>	<b>2.3</b>

**OPTIONAL LUMBER PACKAGE**

<b>WALL</b>	<b>SIZE</b>	<b>L.F.</b>	<b>COST</b>	<b>PER SQ FT</b>
Top and Bottom Plate	4	528	\$ 148.72	\$ 0.10
Corner Blocking	4	282	\$ 79.43	\$ 0.05
Door and Window Lumber	4	250	\$ 70.42	\$ 0.05
Header/Jack Studs	4	132	\$ 37.18	\$ 0.03
Gable Plate	4	232	\$ 65.35	\$ 0.04
Interior	4	192	\$ 54.08	\$ 0.04
Garage	4	0	\$ -	\$ -
Lumber Splines	4	660	\$ 185.90	\$ 0.13
Other: _____	4	320	\$ 90.13	\$ 0.06
<b>ROOF &amp; FLOOR</b>				
Rake/eave subfascia	8	182	\$ 102.38	\$ 0.07
Posts for beam/truss Support	4	352	\$ 99.15	\$ 0.07
Ridge Blocking	8	80	\$ 45.00	\$ 0.03
Ledger Board	8	54	\$ 30.38	\$ 0.02
Roof Lumber Splines	8	440	\$ 247.50	\$ 0.17
Floor Rim/blocking	0	0	\$ -	\$ -
Floor Lumber Splines	0	0	\$ -	\$ -
<b>SUB-TOTAL</b>			<b>\$ 1,255.60</b>	<b>\$ 0.85</b>
State Tax 2.9%			\$ 36.41	\$ 0.02
<b>TOTAL DELIVERED</b>			<b>\$ 1,292.02</b>	<b>\$ 0.88</b>

**TAXES WILL BE REQUIRED** UNLESS SALES TAX EXEMPTION OR RESALE CERTIFICATE IS SUPPLIED. PRELIMINARY QUOTE BASED ON THE PLANS SUBMITTED. **ENGINEERING COST AND ADDITIONAL MATERIALS** THAT MAY BE NECESSARY DUE TO THE DESIGN COMPLEXITY OF THIS PROJECT, OR DESIGN CHANGES, OR BECAUSE OF REQUEST BY BUILDING OFFICIALS, CONTRACTORS, OR OTHER PARTIES INVOLVED WITH THIS PROJECT ARE NOT INCLUDED IN THE PRICES SHOWN ABOVE. THESE COSTS WILL BE THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR. **DUE TO MARKET CONDITIONS FOR BUILDING MATERIALS**, ABD CANNOT GUARANTEE THE PRICING

**Contact information:**  
Advanced Building & Development, LLC  
4730 Walnut Street, Ste. 108  
Boulder, CO 80301  
(303) 485 - 5667