

Sandy's Joy - List of materials needed to construct a weather tight home.
Additional materials needed to complete the rough-in framing are also listed.

PLEASE NOTE:

1. While every attempt has been made in the preparation of this materials list to avoid mistakes, B&H Cedar Log Homes, L.L.C. cannot guarantee against human error. The customer must check, or have a local building materials supplier check, all items & quantities and be wholly responsible for same.
2. The TOTAL cost of constructing the model to the weather tight stage will be the building permit cost, plus the cost of clearing the lot, plus the cost of any driveway construction, plus the cost of basement excavation (if needed), plus the cost of footers, plus the cost of the foundation, plus the kit cost, plus the cost of weather tight materials, plus the cost of labor (typically \$11 - \$14 per square foot) to erect the weather tight shell.
3. **Weather tight construction** begins with the foundation in place and ends with the black paper on the roof and the windows and exterior doors installed. Typically, weather tight construction includes load bearing interior stud walls but not the non-load bearing stud walls.
4. **Rough-in construction** includes all framing not completed during the weather tight construction. Rough-in materials, including porchs & decks, are itemized in this list of materials.
4. Refer to wall schematic on the last page.
5. Questions or comments? Call 540-752-4106 or email info@cedar-log-homes.com.

INSTRUCTIONS: Price the materials (Indicated by "Y") at your local suppliers & enter the prices in the **COST** column. Enter theses prices in the itemized list and Calculate the total cost of the weather tight or rough in construction.

BILL OF MATERIALS

<<< Underlined areas indicate data entry by customer.

DESCRIPTION	UNITS	PRICE?	COST	SUPPLIER - Only if you wish to keep this information.
1/2" 3-ply CDX Plywood	ea	Y		
1/2" 4-ply CDX Plywood	ea	Y		
1/2" BC Plywood	ea	Y		
1 1/2 x 1 1/2 x 30" PT	ea	Y		
1x4x10' SPF	ea	Y		
1x6 T&G	lf	Y		
2x10x8' PT	ea	Y		
2x10x10' PT	ea	Y		
2x10x12' PT	ea	Y		
2x10x10' SPF	ea	Y		
2x10x12' SPF	ea	#N/A		
2x10x14' SPF	ea	Y		
2x10x14' PT	ea	Y		
2x10x16' SPF	ea	#N/A		
2x10x18' SPF	ea	#N/A		
2x10x8' SPF	ea	#N/A		
2x12x8' SPF	ea	Y		
2x12x10' PT	ea	Y		
2x12x10' SPF	ea	#N/A		
2x12x12' PT	ea	#N/A		
2x12x12' SPF	ea	Y		
2x12x14' SPF	ea	Y		
2x12x16' SPF	ea	Y		
2x12x18' SPF	ea	#N/A		
2x12x20' SPF	ea	#N/A		
2x12x22' SPF	ea	Y		
2x4 Studs SPF	ea	#N/A		
2x4x8' PT	ea	Y		
2x4x10' PT	ea	Y		
2x4x10' SPF	ea	Y		
2x4x12' SPF	ea	Y		
2x4x8' SPF	ea	Y		
2x8x10' PT	ea	Y		
2x8x12' PT	ea	Y		
2x8x12' SPF	ea	Y		
2x8x14' PT	ea	Y		
2x8x14' SPF	ea	Y		
2x8x16' SPF	ea	#N/A		
2x8x8' PT	ea	Y		
2x8x8' SPF	ea	#N/A		
2x6x8' PT	ea	Y		
2x6x8' SPF	ea	Y		
2x6x10' PT	ea	Y		

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2x6x10' SPF		ea	Y		
2x6x12' SPF		ea	Y		
2x6x16' SPF		ea	Y		
3" Steel support column		ea	Y		
3/4" OSB T&G subfloor		ea	Y		
5/4x6x12' PT		ea	Y		
5/4x6x10' PT		ea	#N/A		
5/4x6x8' PT		ea	Y		
2x12x16' PT		ea	Y		
6x6x8' PT		ea	Y		
6x6x10' PT		ea	Y		
6x6x12' PT		ea	Y		
Black paper, 15#		4 squares/roll	Y		
Deck screws		675 per 5 lb box	Y		
Door #1	Front, 3-0x6-8 recommended	ea	Y		
Door #2	Kitchen	ea	Y		
Door #3	Laundry	ea	Y		
Engineered beam		ea	Y		
Glue, construction		12, 1 qt tubes	Y		
H Clips, 1/2" roof sheathing		250/bx	Y		
Insulation, 9", R30, 24"oc		80 sf/bundle	Y		
Joists Hangers, 2x8		ea	#N/A		
Nails, 12d coated		50#	Y		
Nails, 8d coated		50#	Y		
Nails, button caps		2000	Y		
Ridge vent, aluminum		10'	Y		
Ridge vent connectors		ea	Y		
Ridge vent end caps		ea	Y		
Screws, PT Deck		5# Box	#N/A		
Subfloor bridging		ea	Y		
Termite shield		50 Linear feet	Y		
Truss, Custom Flat Bottom Cord		ea	Y		
Truss, Custom Gable		ea	Y		
Truss, Custom Scissors		ea	Y		
Window #1	Front of the house	ea	Y		
Window #2	Bedrooms, egress	ea	Y		
Window #3	Master bath	ea	Y		
Window #4	Loft, gable end	ea	Y		
Window #5	Kitchen	ea	Y		
Window #6	2nd floor bath	ea	Y		
Window #7	2nd floor, dormer	ea	Y		
Wiring, Indoor, 12-2 with ground		50'	Y		

DELIVERY PACKAGES & COMPONENTS

SUBFLOOR PACKAGE DESCRIPTION	COUNT	UNITS	WEATHER TIGHT		ADD'L ROUGH	HOW/WHERE USED
			\$/UNIT	MATERIALS EXTENSION	FRAMING MATERIALS EXTENSION	
Termite shield	5	50 Linear feet				Between foundation and PT plate
3" Steel support column	11	ea				Support triple 2"x12" beam - if house is on a basement
2x4x8' SPF	32	ea				Studs for basement garage wall - if house is on a basement
2x4x12' SPF	8	ea				Plates for basement garage wall - if house is on a basement
2x4x8' SPF	30	ea				Studs for basement stair walls - if house is on a basement
2x4x8' SPF	12	ea				Plates for basement stair walls - if house is on a basement
2x12x12' SPF	6	ea				Triple 2x12 beam under master suite
2x12x14' SPF	6	ea				Triple 2x12 beam under great room
2x12x16' SPF	9	ea				Triple 2x12 beam under guest BRs, kit, dining
2x8x8' PT	1	ea				Plate between foundation & floor joists, wall "A"
2x8x10' PT	1	ea				Plate between foundation & floor joists, wall "A"
2x8x10' PT	2	ea				Plate between foundation & floor joists, wall "B" & "D"
2x8x12' PT	1	ea				Plate between foundation & floor joists, wall "C"
2x8x14' PT	1	ea				Plate between foundation & floor joists, wall "C"
2x8x12' PT	2	ea				Plate between foundation & floor joists, wall "E"
2x8x14' PT	4	ea				Plate between foundation & floor joists, wall "F" & "H"
2x8x12' PT	1	ea				Plate between foundation & floor joists, wall "G"
2x8x14' PT	4	ea				Plate between foundation & floor joists, wall "G"
2x10x8' PT	2	ea				Double band around floor joists, wall "A"
2x10x10' PT	2	ea				Double band around floor joists, wall "A"
2x10x10' PT	4	ea				Double band around floor joists, wall "B" & "D"
2x10x12' PT	2	ea				Double band around floor joists, wall "C"
2x10x14' PT	2	ea				Double band around floor joists, wall "C"
2x10x12' PT	4	ea				Double band around floor joists, wall "E"
2x10x14' PT	8	ea				Double band around floor joists, wall "F" & "H"
2x10x12' PT	2	ea				Double band around floor joists, wall "G"
2x10x14' PT	8	ea				Double band around floor joists, wall "G"
2x10x14' SPF	120	ea				Floor joists, 16" oc
2x10x10' SPF	22	ea				Floor joists, 16" oc
Subfloor bridging	300	ea				Between floor joists
Glue, construction	6	12, 1 qt tubes				T&G to floor joists
3/4" OSB T&G subfloor	70	ea				Subfloor
Nails, 12d coated	6	50#				Floor joists
Nails, 8d coated	3	50#				T&G to floor joists
2x4x10' SPF	40	ea				Braces for log wall uprights, to be reused elsewhere
WEATHER TIGHT PACKAGE SUBTOTAL						

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INTERIOR 1st FLOOR STUD WALLS - Interior stairs not included				WEATHER TIGHT	ROUGH-IN	
DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	EXTENSION	HOW/WHERE USED
2x4x8' SPF	41	ea	_____	_____		Studs for walls I & J, & stair wall in dining room
2x4x12' SPF	9	ea	_____	_____		Stud wall plates, walls I & J
2x4x12' SPF	66	ea	_____	_____		Stud wall plates, walls I & J
2x4x8' SPF	63	ea	_____	_____	_____	Studs walls, guest BR, KIT, GR
2x4x10' SPF	10	ea	_____	_____	_____	Stud walls running front <-> rear
2x12x8' SPF	3	ea	_____	_____	_____	Door headers, 2 hall ways, coat closet
1/2" 3-ply CDX Plywood	1	ea	_____	_____		Door header spacer
Wiring, Indoor, 12-2 with ground	1	50'	_____	_____		Pre-wire ceiling lights
Nails, 12d coated	2	50#	_____	_____		Stud walls
WEATHER TIGHT PACKAGE SUBTOTAL				_____		
ROUGH-IN PACKAGE SUBTOTAL					_____	

LOFT - Decking, Beams, etc. - Stairs not included				WEATHER TIGHT	ROUGH-IN	
DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	EXTENSION	HOW/WHERE USED
1x6 T&G	1248	lf	_____	_____		2nd floor, under subfloor
2x8x14' SPF	2	ea	_____	_____		Between end of 4x8 floor joists & log siding
1/2" BC Plywood	19	ea	_____	_____		Subfloor, on T&G
Engineered beam	1	ea	_____	_____	_____	Engineered balcony beam, sized by supplier
Engineered beam	1	ea	_____	_____	_____	Engineered beam dining rm, sized by supplier
Nails, 8d coated	1	50#	_____	_____	_____	
Glue, construction	2	12, 1 qt tubes	_____	_____	_____	Goes between subfloor & T&G
WEATHER TIGHT PACKAGE SUBTOTAL				_____		
ROUGH-IN PACKAGE SUBTOTAL					_____	

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GREAT RM CEILING & GABLES					WEATHER TIGHT	ROUGH-IN	
DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	EXTENSION		HOW/WHERE USED
2x6x10' SPF	3	ea	_____	_____			Front gable stiffner, triple 2x6, top of log wall
2x6x16' SPF	3	ea	_____	_____			Front gable stiffner, triple 2x6, top of log wall
2x6x12' SPF	6	ea	_____	_____			Ridge supports, front & rear gables, triple 2x6
2x6x12' SPF	6	ea	_____	_____			Gable studs
2x6x10' SPF	6	ea	_____	_____			Gable studs
2x6x8' SPF	12	ea	_____	_____			Gable studs
2x6x10' SPF	6	ea	_____	_____			Gable stud wall plates
1/2" 3-ply CDX Plywood	11	ea	_____	_____			Gable sheathing
2x4x10' SPF	22	ea	_____	_____		_____	Knee wall between loft & roof
1x4x10' SPF	8	ea	_____	_____			Inerior stop/trim, fixed glass, front gable
Nails, 8d coated	1	50#	_____	_____			
1x6 T&G	3552	lf	_____	_____			T&G, Greatroom ceiling
WEATHER TIGHT PACKAGE SUBTOTAL					_____		
ROUGH-IN PACKAGE SUBTOTAL						_____	

GREAT RM ROOF MATERIALS					WEATHER TIGHT		
DESCRIPTION	COUNT	UNITS	\$/UNIT	EXTENSION	EXTENSION		HOW/WHERE USED
2x12x22' SPF	40	ea	_____	_____			Great room roof rafters
Insulation, 9", R30, 24"oc	19	80sf/bundle	_____	_____			Fiber glass insulation
1/2" 4-ply CDX Plywood	51	ea	_____	_____			Sheathing over greatroom
Black paper, 15#	5	4sq rolls	_____	_____			Cover sheathing
H Clips, 1/2" roof sheathing	1	250/bx	_____	_____			
Nails, 8d coated	2	50#	_____	_____			Sheathing to rafters & gable studs
Nails, 12d coated	1	50#	_____	_____			
Nails, button caps	2	2000	_____	_____			Black paper to sheathing
Ridge vent, aluminum	4	10' lengths	_____	_____			Self explanarory
Ridge vent connectors	3	ea	_____	_____			Self explanarory
Ridge vent end caps	2	ea	_____	_____			Self explanarory
WEATHER TIGHT PACKAGE SUBTOTAL					_____		

ROOF TRUSSES, SHEATHING OVER BEDROOMS

DESCRIPTION	COUNT	UNITS	\$/UNIT	WEATHER TIGHT EXTENSION
Truss, Custom Scissors	13	ea	_____	_____
Truss, Custom Flat Bottom Cord	10	ea	_____	_____
Truss, Custom Gable	2	ea	_____	_____
2x6x8' SPF	14	ea	_____	_____
2x4x12' SPF	22	ea	_____	_____
2x8x12' SPF	8	ea	_____	_____
2x4x12' SPF	8	ea	_____	_____
1/2" 4-ply CDX Plywood	65	ea	_____	_____
H Clips, 1/2" roof sheathing	2	250/bx	_____	_____
1/2" 3-ply CDX Plywood	7	ea	_____	_____
Black paper, 15#	7	4sq rolls	_____	_____
Nails, 8d coated	2	50#	_____	_____
Nails, button caps	1	2000	_____	_____
Ridge vent, aluminum	5	10' lengths	_____	_____
Ridge vent connectors	6	ea	_____	_____
Ridge vent end caps	4	ea	_____	_____
WEATHER TIGHT PACKAGE SUBTOTAL			_____	_____

HOW/WHERE USED

Span:28'-3", 7/12 top cord, max bottom cord
 Span:28'-3", 7/12 top cord, Flat bottom cord
 To match above
 Gable stud walls
 Truss, ladder extension beyond gables
 Merge trusses w/ Greatroom Roof
 Merge trusses w/ Greatroom Roof
 Roof sheathing over gables
 Sheathing for truss gables
 Gable & dormasheathing
 To cover roof
 Sheathing to rafters & gable studs
 Black paper to sheathing
 Self explanarory
 Self explanarory
 Self explanarory

WINDOW & EXTERIOR DOOR PACKAGE - Size, style & cost are the customer's choice

DESCRIPTION	COUNT	UNITS	\$/UNIT	WEATHER TIGHT EXTENSION
Window #1	2	ea	_____	_____
Window #2	4	ea	_____	_____
Window #3	2	ea	_____	_____
Window #4	2	ea	_____	_____
Window #5	2	ea	_____	_____
Window #6	2	ea	_____	_____
Window #7	1	ea	_____	_____
Door #1	1	ea	_____	_____
Door #2	1	ea	_____	_____
Door #3	1	ea	_____	_____
WEATHER TIGHT PACKAGE SUBTOTAL			_____	_____

HOW/WHERE USED

Front of the house, Bedrooms
 Front of the house, Greatroom, lower
 Front of the house, Greatroom, higher
 Front of the house, Greatroom, higher
 Kitchen & Master Bath
 Loft
 Rear Bedroom
 Front, 3-0x6-8 recommended
 Rear #1
 Rear #2

ROOF OVER REAR DECK PACKAGE					
DESCRIPTION	COUNT	UNITS	\$/UNIT	ROUGH-IN EXTENSION	HOW/WHERE USED
2x12x14' SPF	4	ea	_____	_____	2 Beams to "catch" porch rafters.
2x12x16' SPF	2	ea	_____	_____	Beam under porch roof gable
2x8x12' SPF	24	ea	_____	_____	Porch roof rafters, 16" oc
2x4x8' SPF	10	ea	_____	_____	Porch Rroof gable framing
1/2" 3-ply CDX Plywood	4	ea	_____	_____	Porch roof gable sheathing
1/2" 4-ply CDX Plywood	11	ea	_____	_____	Porch roof sheathing
Black paper, 15#	1	4sq rolls	_____	_____	Cover sheathing
Nails, 8d coated	1	50#	_____	_____	Nail sheathing to rafters
Nails, button caps	0	2000	_____	_____	Nail black paper to sheathing
Ridge vent, aluminum	1	10' lengths	_____	_____	
Ridge vent end caps	2	ea	_____	_____	
6x6x10' PT	2	ea	_____	_____	Porch posts
ROUGH-IN PACKAGE SUBTOTAL				_____	

REAR 12'x 36' DECK PACKAGE - The deck height is site dependent. Here, it is 10' above the ground.					
DESCRIPTION	COUNT	UNITS	\$/UNIT	ROUGH-IN EXTENSION	HOW/WHERE USED
6x6x12' PT	9	ea	_____	_____	Deck Posts
2x10x12' PT	9	ea	_____	_____	Carrier beam on top of posts
2x10x12' PT	3	ea	_____	_____	Carrier board nailed to house band
2x10x12' PT	32	ea	_____	_____	Deck joists, 16" oc
5/4x6x12' PT	80	ea	_____	_____	Deck boards
6x6x10' PT	7	ea	_____	_____	Deck posts, 2 from each piece
2x6x8' PT	7	ea	_____	_____	Deck handrails, 2 from each piece
2x6x10' PT	3	ea	_____	_____	Deck handrails, 2 from each piece
2x4x8' PT	14	ea	_____	_____	Ballister supports, top & bottom, 2 per piece
2x4x10' PT	6	ea	_____	_____	Ballister supports, top & bottom, 2 per piece
1 1/2 x 1 1/2 x 30" PT	90	ea	_____	_____	Deck ballisters
6x6x8' PT	2	ea	_____	_____	Stair support at mid span
2x8x8' PT	1	ea	_____	_____	Support beam between 2 posts above
2x12x16' PT	4	ea	_____	_____	
6x6x8' PT	4	ea	_____	_____	Stair handrail posts
2x6x8' PT	4	ea	_____	_____	Stair handrails
2x4x8' PT	8	ea	_____	_____	Ballister boards, top & bottom
1 1/2 x 1 1/2 x 30" PT	36	ea	_____	_____	Stair ballisters
5/4x6x8' PT	15	ea	_____	_____	Stair treads, steps are 4' wide
Deck screws	3	75 per 5 lb box	_____	_____	Secure deck boards
Nails, 12d coated	1	50#	_____	_____	
ROUGH-IN PACKAGE SUBTOTAL				_____	

FRONT PORCH 4' x 8' - The porch height is site dependent. Here, it is 3' above the ground.

DESCRIPTION	COUNT	UNITS	\$/UNIT	ROUGH-IN EXTENSION	HOW/WHERE USED
6x6x10' PT	1	ea	_____	_____	Porch post, cut in half
2x8x8' PT	1	ea	_____	_____	Carreir beam on top on posts
2x8x8' PT	4	ea	_____	_____	Deck joists, cut in half
5/4x6x8' PT	9	ea	_____	_____	Deck boards
6x6x8' PT	1	ea	_____	_____	Deck posts
2x6x8' PT	1	ea	_____	_____	Deck handrail
2x4x8' PT	2	ea	_____	_____	Deck ballister boards top & bottom
Deck screws	1 75 per 5 lb box		_____	_____	
1 1/2 x 1 1/2 x 30" PT	8	ea	_____	_____	Deck ballisters
2x12x10' PT	1	ea	_____	_____	Ballisters
2x6x8' PT	1	ea	_____	_____	Stair handrails
2x4x8' PT	2	ea	_____	_____	Stair ballister boards, top & bottom
1 1/2 x 1 1/2 x 30" PT	10	ea	_____	_____	Stair ballisters
5/4x6x8' PT	4	ea	_____	_____	Stair treads, 4' long
6x6x8' PT	1	ea	_____	_____	Stair handrail posts, 2 each
1/2" 4-ply CDX Plywood	2	ea	_____	_____	Porch roof sheathing

Porch posts & rafters are part of the log kit
 ROUGH-IN PACKAGE SUBTOTAL

TOTAL WEATHER TIGHT MATERIALS COST	_____	_____
TOTAL ROUGH -IN FRAMING COST	_____	_____
TOTAL COST FOR WEATHERTIGHT AND ROUGH-IN MATERIALS	_____	_____

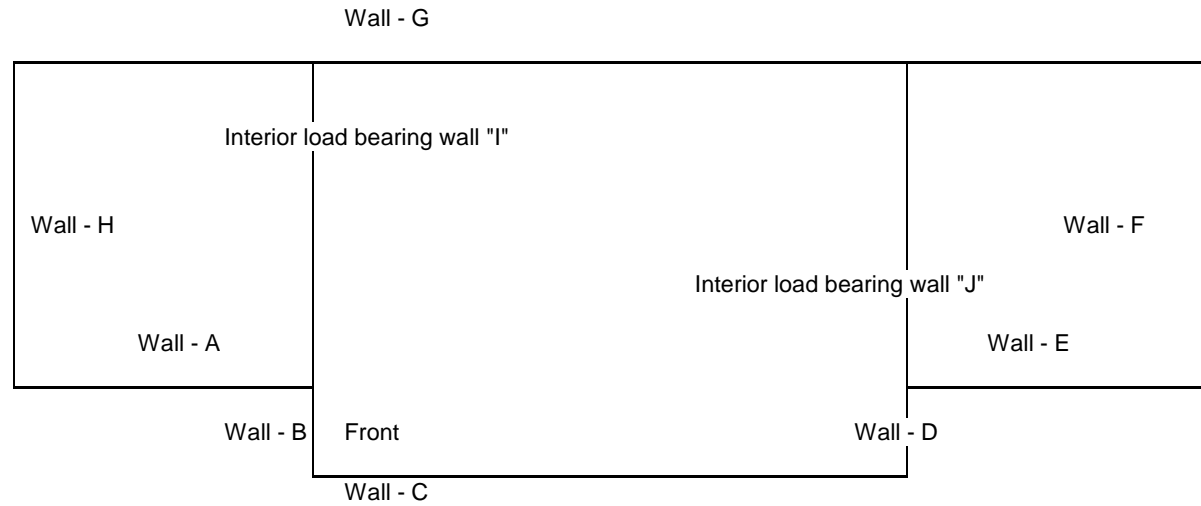


Diagram for Sandy's Joy - Not to scale