

**Customer:** 

#### Sales Representative Information:

Name: Address: City: State: Phone: Fax: E-mail:

Model / Design Type:

### Timberhaven is pleased to present this estimate for

Name: Bierman Home		Madal	: Custom
Address:		Design Type	
City:		Building Site	
State: Zi	p Code:	Address	t <u> </u>
Primary Phone:	<u> </u>	City	
Other Phone:		County	<u> </u>
E-mail:		State	
		Country	: USA
Material estimate nui	mber: E0000	Estimate expir	ation date: July 1, 2018
	Material estimate date:	June 1, 2018	
	Log & Timber Package:		
	Weathertight Package:		
	Finish Package:		
	_		- 4/
C	omplete Package Price:		

#### ADDED FEATURES

- The industry's Best Quality Assurance Programs: 'Complete' Package Guarantee and Lifetime Warranty.
- Kiln-dried Engineered Log & Timber Components (9% average moisture content) provide superior strength and stability with little to no checking, warping, or twisting to our logs or timbers in our NON-settling systems.
- Kiln-dried Graded / Certified Engineered logs are produced / inspected under a continuous in-plant quality control process audited by third party agencies, PFS-TECO Corporation and the Log and Timber Homes Council. A Certificate of Inspection is provided with each log home package.
- Custom Design Assistance (FREE) available to help you create your unique log or timber frame home design based on your personal lifestyle.
- Engineering Services offered include stamped plans, beam sizings, energy calculations, etc. specific to your plan as required to support the permitting processes.
- Detailed Construction Manual and Construction / Assembly Plans provided for both our PRE-CUT log and timber frame packages to enhance the speed and accuracy of the building process.
- Name Brand Components such as Andersen and Therma-Tru are standard in every package.
- Pre-cut, Pre-sorted, Inverse Stacking of your log or timber frame components ensures a timely on-site construction process.
- Delivery Included at NO additional charge anywhere in the Continental U.S.
- Multi-Stage Deliveries provided to protect your home's materials /components from weather damage, theft and / or when working with challenging site conditions.
- Double-Protected Packages include carefully wrapped material bundles and tarped delivery trucks to help protect your materials from the elements during and after delivery.
- Construction and Planning Workshops (FREE) are a perfect way to expand your overall log and timber frame knowledge, tour our facility and meet our experienced staff.
- Contractor Workshops (FREE) provided on a one-on-one basis for your builder (and his crew) to assure a confident, timely and smooth construction process.
- Toll-Free Technical Assistance / Customer Service Hotline staffed by our experienced staff to get your questions answered before, during and after the construction process.
- Nationwide Representative Network includes the assurance of a trained professional to guide you along each step of the process.



#### AREA DESCRIPTIONS (REFER TO SKETCH)

۸۵	REA #1		AREA DE	CKIF HONS ( K	EFER TO SKETCH )		
	Parameters	Foundation size	e 34' x 26'	Location	Main	Courses to square	15
	Exterior	Log/Profile	6x8 D	Location	Engineered White Pine	Courses to square Corners	Mortise & Tenon
۷.	Exterior	<u>.</u>		Species		Comers	Mortise & Tellon
2	Intonion	Gables 2nd floor at		Gables	Right Log  Exposed	Danst stairs Fu	
э.	Interior	2nd floor over	14 th Course	2nd floor stairs			oosed
Λ	Poof		Mudroom, Bedroom, Rec Room	Cathedral over	Great Room & Kitchen	Exposed Beams	None
4.	Roof	Roof style	2x Cathedral	Pitch	12 /12	Collar ties	6x8
5	Dormer #1	Size/Type	20'-6" Shed	Location	Rear	Courses to square	12
Э.	Dolliel #1	Log/Profile	6x8 D		Engineered White Pine	Corners	Mortise & Tenon
		Roof style	2x Cathedral	Species Pitch	5 /12	Coller ties	6x8
	Dormer #2	Size/Type	zx catilediai	Location	3 /12		UXO
	Dornier #2	Log/Profile		Species		Courses to square Corners	
		Roof style		Pitch	/12	Coller ties	
		Nooi style		FICH	/12	Collar ties	
6.	Porch #1	Size	42' x 8'	Location	Front	Deck #1 Size	5' x 4'
Ů.	101011 111	Roof style	Shed w/ Flat Ceiling	Pitch	4 /12	Location	Rear
	Porch #2	Size	8' x 26'	Location	Right	Deck #2 Size	X
		Roof style	2x Cathedral	Pitch	12 /12	Location	
7.	Notes: Log roy	•			es and hardware is included in price fo		m
			ch #2. All basement materials include		•	(=, =======	
	<u>u (1) usses.y uc</u>	Basic cita of por	0.1 <u>2.</u>	ang exterior doors and	mileons to be provided by others.		
AR	REA #2						
1.	Parameters	Foundation size	2 X	Location		Courses to square	
2.	Exterior	Log/Profile		Species		Corners	
		Gables		Gables		_	
3.	Interior	2nd floor at	th Course	2nd floor stairs		Bsmt stairs	
		2nd floor over		Cathedral over		Exposed Beams	
4.	Roof	Roof style		Pitch	/12	Collar ties	
5.	Dormer #1	Size/Type		Location		Courses to square	
		Log/Profile		Species		Corners	
		Roof style		Pitch	/12	Collar ties	
	Dormer #2	Size/Type		Location	<u> </u>	Courses to square	
		Log/Profile		Species		Corners	
		Roof style		Pitch	/12	Collar ties	
			-				-
6.	Porch #1	Size	x	Location		Deck #1 Size	x
Т		Roof style		Pitch	/12	Location	
	Porch #2	Size	x	Location		Deck #2 Size	X
		Roof style		Pitch	/12	Location	
7.	Notes:						
AR	REA #3						
	Parameters	Foundation size	2 <u> </u>	Location		Courses to square	
2.	Exterior	Log/Profile		Species		Corners	
		Gables		Gables			
3.	Interior	2nd floor at	th Course	2nd floor stairs		Bsmt stairs	
		2nd floor over		Cathedral over		Exposed Beams	
4.	Roof	Roof style		Pitch	/12	Collar ties	
5.	Dormer #1	Size/Type		Location		Courses to square	
		Log/Profile		Species		Corners	
		Roof style		Pitch		Collar ties	
	Dormer #2	Size/Type		Location		Courses to square	
		Log/Profile		Species	-	Corners	
		Roof style		Pitch	/12	Collar ties	
6.	Porch #1	Size	х	Location		Deck #1 Size	X
		Roof style		Pitch		Location	
	Porch #2	Size	x	Location		Deck #2 Size	X
		Roof style		Pitch		Location	
7.	Notes:						

#### AREA DESCRIPTIONS (REFER TO SKETCH)

AR	EA #4			·			
1.	Parameters	Foundation size	х	Location		Courses to square	
2.	Exterior	Log/Profile		Species		Corners	
		Gables		Gables			
3.	Interior	2nd floor at	th Course	2nd floor stairs		Bsmt stairs	
		2nd floor over		Cathedral over		Exposed Beams	
4.	Roof	Roof style		Pitch	/12	Collar ties	
5.	Dormer #1	Size/Type		Location		Courses to square	
		Log/Profile		Species		Corners	
		Roof style		Pitch	/12	Collar ties	
	Dormer #2	Size/Type		Location		Courses to square	
		Log/Profile		Species		Corners	
		Roof style		Pitch	/12	Collar ties	
		_					
6.	Porch #1	Size	x	Location		Deck #1 Size	х
		Roof style		Pitch	/12	Location	
	Porch #2	Size	х	Location		Deck #2 Size	х
		Roof style		Pitch	/12	Location	
7.	Notes:	_					
	EA #5						
	Parameters	Foundation size	X	Location		Courses to square	_
2.	Exterior	Log/Profile		Species		Corners	
		Gables		Gables			
3.	Interior	2nd floor at	th Course	2nd floor stairs		Bsmt stairs	
		2nd floor over		Cathedral over		Exposed Beams	
4.	Roof	Roof style		Pitch	/12	Collar ties	
5.	Dormer #1	Size/Type		Location		Courses to square	
		Log/Profile		Species		Corners	
		Roof style		Pitch	/12	Collar ties	
	Dormer #2	Size/Type		Location		Courses to square	
		Log/Profile		Species		Corners	
		Roof style		Pitch	/12	Collar ties	
6.	Porch #1	Size	Х	Location		<b>Deck #1</b> Size	х
		Roof style		Pitch	/12	Location	
	Porch #2	Size	X	Location		<b>Deck #2</b> Size	X
		Roof style		Pitch	/12	Location	
7.	Notes:						
_	EA #6	- I.: ·		<u> </u>			
	Parameters	Foundation size	X	Location		Courses to square	<u> </u>
2.	Exterior	Log/Profile		Species		Corners	
_		Gables		Gables			
3.	Interior	2nd floor at	th Course	2nd floor stairs	<u></u>	Bsmt stairs	
	Df	2nd floor over		Cathedral over	/4.3	Exposed Beams	
4.	Roof	Roof style		Pitch	/12	Collar ties	
-	D + 44	C: /T		lti		Comments and a	
5.	Dormer #1	Size/Type		Location		Courses to square	
		Log/Profile		Species	/4.0	Corners	
		Roof style		Pitch	/12	Collar ties	
	Dormer #2	Size/Type		Location		Courses to square	
		Log/Profile		Species		Corners	
		Roof style		Pitch Pitch	/12	Collar ties	
_	Daniel III	C:				5 1 11/2	
6.	Porch #1	Size	Х	Location	/42	Deck #1 Size	Х
		Roof style		Pitch	/12	Location	
	Porch #2	Size	Х	Location	4.5	Deck #2 Size	Х
_		Roof style		Pitch Pitch	/12	Location	
7.	Notes:						
_							
_							

#### AREA DESCRIPTIONS (REFER TO SKETCH)

GARAGE						·		
1. Parameters	Foundation size	48' x 2	24'	Location	Detached from	n house	Courses to square	17
2. Exterior	Log/Profile	2x8	D	Species	Engineered W	Engineered White Pine		Mortise & Tenon
	Gables	Left	Log Siding	Gables	Right	Log Siding	<u></u>	
3. Interior	2nd floor at	th Course	2	2nd floor stairs			Bsmt stairs	
	2nd floor over			Cathedral over			Exposed Beams	None
4. Roof	Roof style	Prefab Attic T	russ	Pitch	8 /12		Collar ties	None
				_				
5. Dormer #1	Size/Type			Location			Courses to square	
	Log/Profile			Species			Corners	
	Roof style			Pitch	/12		Collar ties	
Dormer #2	Size/Type			Location			Courses to square	
	Log/Profile			Species		·	Corners	
	Roof style			Pitch	/12		Collar ties	
6. Carport #1	Size	24' x 1	.2'	Location	Front		Deck #1 Size	X
	Roof style	Shed w/ Flat	Ceiling	Pitch	3 /12		Location	
Porch #2	Size	x		Location			Deck #2 Size	x
	Roof style			Pitch	/12		Location	
7. Interior Finish	Garage	Insulated/Un	finished	2nd floor	Insulated/Unf	inished		
8. Notes: 16' x 7'	garage door to b	e provided by	others. Stairs to se	cond level on right side to	be provided by oth	ners.		

Basement								
1.	Walkout wall	Length/height	х	Location	Courses to square	Framing		
2.	Exterior	Log/Profile		Species		Corners		
3.	Interior	1x8 T&G Paneling		Fiberglass Insulation		-		
4.	Notes:							

## **General Notes:**

- Unless noted otherwise, porch and deck posts and steps to grade are provided by others.
- All double hung windows are quoted as "Equal Sash"; all grilles if included, are priced as colonial style unless noted otherwise, specialty windows (traps, triangles, etc) will not
  receive grilles
- Finish style stairs if included in pricing, to basement will automatically receive 2x6 walls around the perimeter of the stairs with a door at the bottom.
- All fireplace materials if shown on plans which includes chimney, stone veneer and actual fireplace are not included in price unless requested.
- Additional engineering fees and/or additional materials that are required as a result of structural engineering requirements, local code considerations, load calculations for wind, snow, etc., state stamps/seals, energy calculations, and/or customer requests such as steel beam sizing, radiant floor heating systems, etc., will be billed in addition to the quoted package price. (Based on approved engineering documentation/drawings.)
- All applicable sales tax will be reflected on Sales Agreement
- This estimate is for qualification purposes only. A firm price may be obtained by placing the minimum deposit and requesting a quotation.

### Thank you for considering Timberhaven Log & Timber Homes

We appreciate the opportunity to earn your trust and look forward to assisting you with your forever home.



## Material estimate number:E0000

	EXTERIOR LOG WALLS	1st LEVEL FLOOR SYSTEM			
X	Kiln-dried, pre-cut, predrilled Engineered log walls, dormers, gables (	LΊχ	4x10 solid hemlock perimeter box w/hurricane ties (LT)		
Х	Kiln-dried, Engineered 6x8 support posts w/ Lag bolts (LT)	Х	Pressure treated 2x sill plate and sill seal (WT)		
Х	Kiln-dried log siding skirt board w/corner extensions (LT)	Х	Pressure treated 6x6 girder support posts (WT)		
Ħ	Filler corners (LT)	х	4-ply 2x12 girder beam (WT)		
Ħ	Kiln-dried corner trim boards (LT)	Х	2x10 floor joists @ 16" OC w/metal bridging (WT)		
х	Pre-cut splines (LT)	一	I-joists (WT)		
X	3/8 x 12 Lag bolts (LT)	х	3/4" Advantech® T&G subfloor (WT)		
X	Butylog® sealant tape (LT)	Ħ	Floor insulation (FN)		
X	Gasket and caulking (LT)	x	Construction adhesive (WT)		
X	Polebarn nails for mortise & tenon corners (LT)	X	Metal joist hangers and banding (WT)		
X X X X	Chinking (LT)		,		
ш			2nd LEVEL FLOOR SYSTEM		
	EXTERIOR FRAMED WALLS	Х	Kiln-dried, Engineered 6x8 loft joists @ 32" OC w/ lag bolts (LT)		
	Kiln-dried log siding (LT)	X	8x12 Engineered beams w/ lag bolts (LT)		
H	Board & Batten siding (LT)	X	Kiln-dried, Engineered 8x8 loft posts (LT)		
H	Stone Veneer (WT)		Wall ties w/ lag bolts (LT)		
H	Wood shakes (WT)	H	Engineered beams w/ lag bolts (LT)		
H	Corner extensions (LT)	$\mathbf{H}$	Heavy timber joist hangers w/ lags, and bolts as required (LT)		
H	Corner trim (LT)	$\mathbf{H}$	Kiln dried exposed beams @ 48" OC w/ lag bolts (LT)		
님	Framed exterior @ 16" OC (WT)	님	Girder (LT)		
		믬	. ,		
$\blacksquare$	Sheathing (WT)	$\blacksquare$	Joists (LT)		
	Vapor barrier (WT)	닏	I-joists (LT)		
Х	insulation for (FN)	Х	3/4" T&G subfloor (Includes attic truss floor) (FN)		
X	1x8 T&G for gables (FN)	х	Construction adhesive (FN)		
	CARACTS		Metal joist hangers and banding (FN)		
_	GARAGES  (Classical Lag (LT)	х	Composition floor, 1x8 T&G w/ 3/4" T&G Advantech® above (FN)		
	Kiln-dried log (LT)	Х	R-19 attic truss floor insulation (FN)		
Х	Kiln-dried log siding for walls, gables (LT)	Щ	2x6 T&G loft flooring (FN)		
X	Kiln-dried log corner extensions (LT)	Х	Metal banding (LT)		
Ш	Kiln-dried corner trim boards (LT)	Ш	Ceiling under loft floor (FN)		
Х	2x6 framed walls, gables @ 16" OC (WT)	X	Loft railing, 6x6 posts, 2x4 rails, (FN)		
X	7/16" OSB sheathing for walls, gables (WT)		2x2 balusters Railing Species WP		
Х	15# felt paper vapor barrier for exterior walls (WT)				
Х	R-21 insulation for walls gables (FN)				
X	R-38 roof insulation (FN)		HAND HEWN COMPONENTS		
X	1x8 T&G, for gables (FN)		Exterior (LT)		
			Interior (LT)		
	BASEMENT		Loft joists (LT)		
	Log walkout walls (LT)		Posts and beams (LT)		
	Sided walkout walls (LT)		Loft deco beams (LT)		
	Kiln-dried log corner extensions (LT)		Heavy timber roof (LT)		
	Framed walkout walls (WT)		Rafter ties (LT)		
	Sheathing (WT)				
	Vapor barrier (WT)		EXTERIOR PRESERVATIVE		
	Insulation for walkout walls (FN)	X	Q8 Outlast Log Oil® (FN)		
	T&G for walkout walls (FN)	Χ	Insect repellant (FN)		
	Ceiling (FN)	X	Stain (Q8 Outlast Log Oil® only) (FN)		

(LT) = Log and Timber (WT) = Weathertight (FN) = Finish

# Material estimate number:E0000

	ROOF SYSTEMS		PORCHES					
	Common roof system materials	X	2x8 PT joists @16" OC w/headers, hangers and copper flashing (WT)					
X	7/16" OSB roof sheathing w/ H-clips (WT)	Х	Timbertech® Twin Finish decking (FN)					
	Glu-lam ridge/support beams as required w/ lag bolts (LT)	X Kiln-dried, Engineered 6x8 porch header w/ lag bolts (LT)						
X	Rhino Roof™ synthetic felt, ice and water shield (WT)	X	PT 6x6 porch posts w/ lag bolts (WT)					
X X	Tamko® Heritage 30-year architectural fiberglass shingles (WT)	Х	PT 6x6 post braces w/ timberscrews (WT)					
X	Ridge vent (WT)		Beam & purlin roof (LT)					
Х	2x WP fascia (WT)		Rafters (LT)					
П	Posts w/ lag bolts (LT)		Ties (LT)					
			Purlins (LT)					
	Heavy timber truss roof system		Shed Truss A truss W truss					
П	Beam & purlin roof (LT)	П	Heavy timber roof (LT)					
	Rafters (LT)		Rafters (LT)					
	Ties (LT)		Ties (LT)					
	Purlins (LT)	П	Ceiling T&G (FN)					
П	A truss Dormer truss W truss	一	Vented drip edge (WT)					
Ħ	Shed Truss Scissor truss Gambrel truss	一	2x4 furring strips w/ timberscrews (WT)					
		同	Pre-fab truss roof (WT)					
	Heavy timber rafter roof system	Х	2x6 and 2x12 rafters @ 16" OC (WT)					
П	Heavy timber roof (LT)	Х	Hurricane ties (WT)					
	Rafters (LT)	Х	2x WP fascia (WT)					
	Ties (LT)	Х	2x6 ceiling joists @ 16" OC (WT)					
П	15# felt paper vapor barrier (WT)	х	Drip edge and flashing (as required) (WT)					
Ħ	Ceiling T&G (WT)	X	Strip soffit vent (WT)					
Ħ	Rigid insulation (WT)	Х	7/16" OSB roof sheathing w/ H-clips (WT)					
Ħ	Vented drip edge (WT)	Х	Rhino Roof™ synthetic felt, Ice and water shield (WT)					
Ħ	2x4 furring strips w/ timberscews (WT)	Х	Tamko® Heritage, 30 year architectural fiberglass shingles (WT)					
Ħ	Chimney/skylight framing w/ lag bolts (LT)	Х	Kiln-dried Engineered pre-cut 6x8 deco truss w/plates/hardware (LT					
		Х	1x8 T&G ceiling finish (FN)					
	Conventional roof systems	Х	Timbertech railing, 6x6 posts, prefinished rails, balusters (FN)					
Х	Pre-fab trusses @ 16"OC w/bracing (WT)		round Railing Species PT					
Ħ	Pre-fab gable truss (WT)							
х	2x12 rafters @ 16" OC (WT)		DECK/BALCONY					
Ħ	I-joist rafters (WT)	х	2x8 PT joists @16" OC w/headers, hangers and copper flashing (FN)					
х	Hurricane ties for truss and rafter roofs (WT)	Х	Timbertech® Twin Finish decking (FN)					
Х	Kiln-dried Engineered 6x8 collar ties @ 48" OC w/ bolts (LT)	Х	Timbertech railing, 6x6 posts, prefinished rails, balusters (FN)					
Ħ	Soffit (WT)		round Railing Species PT					
х	1x8 T&G soffit paneling (WT)							
х	Strip soffit vent (WT)		STAIRS					
X X	Drip edge and flashing (as required) (WT)	П	Basement stairs (FN)					
同	Kiln dried exposed beams (LT)							
Ħ	Exposed hip, ridge or valley beam (LT)	П	Finish stairs (FN)					
х	Kiln-dried, Engineered pre-cut 6x8 deco truss w/plates, hardware (LT)							
X	Deco overhang (WT)	Х	Exposed Stairs, 4x12 WP stringers, 4x WP treads and Landing (FN)					
	Deco octagon louver (non-venting) (WT)	Ħ	Spiral stairs (FN)					
х	R-38 unfaced high density insulation (FN)	—						
х	Insulation baffle, support wires (FN)		Log stairs (FN)					
X X	Poly vapor barrier (FN)	Х	Stair railing, 6x6 posts, 2x4 rails, (FN)					
х	1x8 T&G ceiling finish (FN)		2x2 balusters Railing Species WP					
	(LT) = Log and Timber (WT)	= Wea	athertight (FN) = Finish					

	Materia	al estimat	e ni	umber:E0000			
	Andersen®	Andersen®				Andersen®	Andersen®
	Patio Doors (WT) 200 Series	400 Series		Windows (WT)		200 Series	400 Series
	Single door		Χ	Double Hung			11
	Center hinge		Х	Casement			1
	Double hinge			Picture/Rectangle			
	Gliding door			Awning			
	Transoms	<u></u>		Gliding			
	Sidelights	<u></u>		Transoms			
	Lockset(s) Finish			Bay/Bow			
				Grilles			
	Grilles		Х	Screens			
	Screens			Circle tops			
				Circle top grilles			
	Therma Tru® Doors (WT)			Rounds			
X	Style FC765-1D	2	同	Archtop/Eyebrow			·
Х	Style FC109	1	固	Archtop/Eyebrow grilles			
Х	Style FC2150	2	同	Springline/Palladian			
	Hinged Patio Doors			Springline/Palladian grilles			
	Gliding Patio doors		同	Trapezoids			
	Firedoor		固	Pentagons			
П	Basement doors		同	Triangles			
Х	Lockset(s) 1 Plymouth 4 Accent	固	Other custom windows				
Х	B-60 deadbolt		同	Fixed octagon			
Х	Single cylinder deadbolt 4 Kickpla	te	靣	Wood octagon			
	Door hardware finish Aged Bronze		同	Basement windows			
X	1x4 WP Interior trim for exterior doors, windows,	w/windowsills (FN)	同	High altitude glass			
Х	Bucks, gasket and caulking for doors and windows	s (WT)	Fi	Fixed	Manua	l Powered	
Х	1 3/4x3 1/2 WP Exterior trim for doors and windo	ows (WT)	П	Roof window/Skylight			
	INTERIOR FRAMED WALLS			INTERIOR DOORS			
х	2x4 interior bearing walls 16" OC (WT)		х	Prehung raised panel pine doo	rs (FN)		6
Х	2x4, 2x6 interior partitions 16" OC (FN)		Ħ	Bi-fold doors (FN)			
Ħ	Furring for foundation (FN)		Ħ	Bipass doors (FN)			
Ħ	Partition insulation (FN)		Ħ	French doors (FN)			
Х	1x8 T&G for interior partitions		Х	Raised panel pine pocket door	w/frame	, hardware (FI	N) 1
	T&G included for all interior walls on both sides (F	-N)	Х	Accent Aged Bronze locksets,A	ged Bron	ze hinges (FN)	
X	1x4 WP baseboard (FN)		Х	1x4 WP interior door trim (FN)			
				MICCELL AND COMM			
	ADDITIONAL/CUSTOM ITEMS		MISCELLANEOUS Shims (LT)				
Ш			X	Shims (LT)			
			Х	Blueprints (LT)			
			X	Construction manual (LT)			
	(LT) = Log ar	nd Timber (WT)	= Wea	athertight (FN) = Finish			

Page 7 of 7