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16x20 Barn – Materials List

Use this as a shopping list.
 Plans are set up for rough, true dimensional lumber.

Floor (Hemlock)	Walls (Hem.)	Roof Hemlock:	Siding (Pine)	Trim (Pine)	Interior Hemlock:	Extra Hemlock:
(16) 2x6x16'	(2) 4x4x16'	(2) 2x6x14'	(8) 1x12x16'	(8) 1x8x12'	(1) 4x4x8'	(3) 2x4x8'
(7) 2x6x12'	(6) 4x4x12'	(22) 2x6x12'	(4) 1x12x14'	(3) 1x4x16'	(3) 2x6x16'	(1) 2x6x12'
(2) 2x6x8'	(2) 4x4x10'	(26) 1x4x10'	(6) 1x12x12'	(2) 1x4x14'	(9) 2x6x8'	(1) 1x8x14'
	(10) 4x4x8'		(43) 1x12x10'	(1) 1x4x12'		
	(4) 2x4x14'	Pine:	(1) 2x8x16'	(1) 1x10x12' (Rip to 1x5)	Pine:	Pine:
	(3) 2x4x12'	(20) 1x12x22"	(1) 2x8x14'	(1) 1x4x8' (Rip to 1x2)	(16) 1x8x16'	(1) 1x12x16'
	(14) 2x4x8'	(2) 1x8x10'	(1) 2x8x12'	(5) 1x4x14' (Rip to 1x3.5)	(Shiplap)	(2) 1x6x16'
		(4) 1x6x12'	(8) 2x8x10'	(2) 1x4x16'		
			(4) 2x8x8'	(Rip to 1x3.5)	(1) 1x6x16'	

15lbs 16-penny common nails

15lbs. 6 penny galvanized nails for siding and trim

Minimum (9) 4"x8"x16" solid Cement blocks and or Pressure treated wood shims.

4x4x12 Top Plate Beams

Door and windows can be placed any where in wall as long as top beam is not cut and posts are not moved..

1,100 square feet 1" rough sawn pine, random widths and lengths (siding, roof strapping, trim and door)

Metal roofing choice of color

14 sheets @ 130"

2 ridge caps, total length needed 24'

700 1 1/2" painted metal roofing screws with gaskets

Door hardware

Three 8" "T" hinges for door

One Thumb Latch

Suggested Tools

Skill Saw or Hand saw

Saw-z-all or chain saw

Hammer

Nail puller (cats paw or crow bar)

25' tape measure

Chalk line

Extension Cord

Tin Snips

Staple gun

Pencil

Speed Square

Four-foot level

Cordless Drill

1/4" drive bit for drill

#2 Phillips

#3 Square Drive

Razor Knife

Chisel

An allowance for mistakes and waste has been included

**Contact us today to
 purchase a Hardware
 Package to match this
 set of plans.**

Please contact us with any mistakes or discrepancies in these plans. We strive to provide our clients with a quality product and encourage feedback.



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16x24 Barn– Materials List

Use this as a shopping list.
 Plans are set up for rough, true dimensional lumber.

- 15lbs 16-penny common nails
- 15lbs. 6 penny galvanized nails for siding and trim
- 25 16-penny galvanized nails for porch posts
- Minimum (9) 4"x8"x16" solid Cement blocks and or Pressure treated wood shims.
 - 252 lineal feet of 4x4
- (8) 4x4x10 Front Wall Posts and 45 degree angle braces
- (8) 4x4x8 Rear wall posts
- (9) 4x4x12 Top Plate Beams
- (3) 6x6x24 hemlock skids (assemble from 2x6 if necessary)
- (26) 2x6x12 rafters
- (30) 2x6x16 Floor joists and blocking
- (4) 2x6x12 Rim floor joists
- (11) 2x6x12 Loft floor framing
- (16) 1x10x16 pine shiplap for loft floor decking
- (4) 2x4x8 smooth spruce ladder material
- (25) 2x4x12, bracing and nailers, collar ties, gable end framing
- (12) 3/4" CDX plywood

A 16x20 Vermont Cottage with optional concrete pad, pressure treated floor system, white cedar shingle siding, insulated door and double hung windows.

Suggested Tools

- | | |
|----------------------------------|--------------------------|
| Skill Saw or Hand saw | Pencil |
| Saw-z-all or chain saw | Speed Square |
| Hammer | Four-foot level |
| Nail puller (cats paw or crow ba | Cordless Drill |
| 25' tape measure | 1/4" drive bit for drill |
| Chalk line | #2 Phillips |
| Extension Cord | #3 Square Drive |
| Tin Snips | Razor Knife |
| Staple gun | Chisel |

Door and windows can be placed any where in wall as long as top beam is not cut and posts are not moved..
 80 square feet 1x6" Hemlock decking material for porch (no plywood, it will warp and decay quickly)
 1,100 square feet 1" rough sawn pine, random widths and lengths (siding, roof strapping, trim and door)

- Metal roofing choice of color
- 16 sheets @ 130"
 - 3 ridge caps, total length needed 28'
 - 500 1 1/2" painted metal roofing screws with gaskets

- Door hardware
- Six 8" "T" hinges for door
 - One Turn Latch

Contact us today to purchase a Hardware Package to match this set of plans.

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An allowance for mistakes and waste has been included



Hardware Package





16x30 Barn Material List

Floor- Hemlock

6-2x6x16' -Skids
9-2x6x14' -Skids
6-2x6x12' -Skids
6-2x6x8' -Skids
3-2x6x6' -Skids
27-2x6x16' -Rim Joist & Floor Joist
1-2x6x14' Rim Joist
8-2x6x10' -Blocking
1-2x6x8' -Blocking

Walls-Hemlock

17-4x4x8' - Post and End Beams
4-4x4x16' Gable Beams, center beams
4-4x4x12' - Angle Braces
2-2x4x14' -Nailers
2-2x4x10' -Nailers
8-2x4x8' -Nailers

Roof-Hemlock

3-1x8x10' Ridge Pole
32-2x6x12' Rafters
1-2x6x10' -Blocking
1-2x6x8' -Blocking
5-1x10x12' -Bird Blocking
4-1x6x12' -Fly Rafters
7-2x6x10' - Collar Ties
24-1x4x10' Strapping
15-1x4x12' -Strapping

Temp Bracing/ Extra Lumber

5-1x4x16' Hemlock
2-1x4x12' Hemlock
1-2x4x16' Hemlock
1-2x6x12' Hemlock
2-1x12x16' -Pine
5-3/4x2x12' -Pine

Loft

1-1x8x16' -Hemlock
3-2x6x16' Hemlock
1-4x4x8' -Hemlock
9-2x6x8' -Hemlock
10-1x10x16' Ship Lap Pine
1-1x6x16' Loft Trim

Siding-Pine

64-1x12x10'
8-1x12x12'
8-1x12x14'
2-1x12x16'

Battens- rip to 3/4"

11-2x8x10'
3-2x8x12'
2-2x8x14'

Trim-Pine

8-1x8x12' -Fascia
2-1x8x10' -Fascia
3-1x4x16' Shadow
4-1x4x12' Shadow
10-1x4x10' - Shadow/Corner
2-1x4x8' -Door Trim

1-1x10x14' -Rip to 1x5
1-1x4x14' - Rip to 1x2



16x30 Barn Mill Work and Hardware

Millwork

2- JCS 6-0 Double Doors-35-5/8"x80.5"
1- Wood Louvered Vent
1-16" Vent Batten
1-8' Loft Ladder
1-6-0 Pressure Treated Ramp

Hardware

15bs-16D Framing Nails
12lbs-8D HDG Hand Nails-Galv
7lbs-6D HDG Hand Nails-Galv
900-Roofing Screws
60-Door Hinge Screws-Black
1-1/4" Hex Bit
1-#2 Square Drive Bit

6-8" Black Door Hinges
1-Thumb Latch Black
1-Chain Bolt
1- Foot Bolt

Corrugated Roofing

20-Pieces of Roofing @38" W x130" L
2-Pieces of Roofing@ 26" W x130"L
3-Piece of Ridge Cap @ 126"
1-Pieces Ridge Cap @24"

Additional Lumber

15-3/4" 4x8 CDX Plywood

Suggested Tools

Skill Saw or Hand saw Saw-z-all
Hammer
Nail puller (cats paw or crow bar)
25' tape measure
Chalk line
Extension Cord
Tin Snips
Staple gun
Pencil
Speed Square
Four-foot level Cordless Drill
1/4" drive bit for drill
#2 Phillips
#2 Square Drive
Razor
Knife
Chisel
Ladder