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16x20 Vermont Cottage Option B – 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'	(1) 2x6x14'	(7) 1x12x16'	(8) 1x8x12'	(1) 4x4x8'	(3) 2x4x8'
(5) 2x6x14'	(5) 4x4x12'	(22) 2x6x12'	(6) 1x12x14'	(2) 1x4x16'	(3) 2x6x16'	(1) 2x6x12'
(2) 2x6x12'	(2) 4x4x10'	(1) 2x6x10'	(4) 1x12x12'	(1) 1x4x14'	(9) 2x6x8'	(4) 1x4x14'
(2) 2x6x8'	(11) 4x4x8'	(26) 1x4x10'	(36) 1x12x10'	(16) 1x4x12'	(1) 4x4x8'	
(3) 6x6x20'	(10) 2x4x14'		(2) 2x8x14'	(9) 1x4x10'	(1) 4x4x8'	
	(1) 2x4x12'	Pine:	(2) 2x8x12'	(1) 1x10x10' (Rip to 1x5)	Pine:	Pine:
	(17) 2x4x8'	(1) 1x12x16'	(2) 2x8x10'	(6) 1x4x12' (Rip to 1x3.5")	(16) 1x8x16' (Shiplap)	(1) 1x12x16'
		(1) 1x12x8'		(5) 1x4x6' (Rip to 1x3.5)	(1) 1x6x16'	(2) 1x6x16'
		(2) 1x8x10'		(2) 1x4x10' (Rip to 1x2)		
		(4) 1x6x12'				

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

Eleven 3" sets of hinges if windows are to open

Eleven 6" Eye hooks to keep windows open and closed, they can be used to keep doors open in the wind as well

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.

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





NOTE: A nail's strength is based on its length and diameter. Based on a number of variables, including moisture content and material type, use our nailing recommendations as a guide only.

16x20 Vermont Cottage - Hardware

This building is fastened together using a variety of nails and screws. Please use this page as a guide to what to use where.

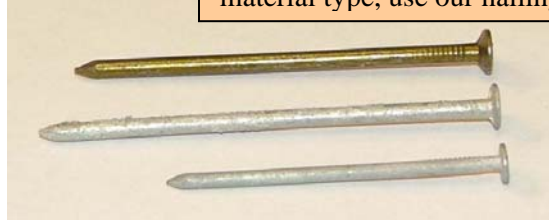
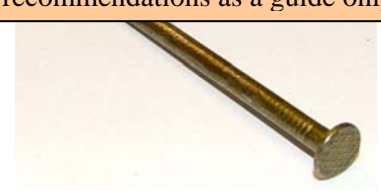


Figure 1



16d Framing Nail
Figure 2

Figure 1 shows all 3 nails, from top to bottom, 16d framing nail, 16d galvanized nail and 6d galvanized nail.

The 16d framing nail, Figure 2, should be used for all framing of flooring, walls and rafters. Wherever there is 2" or 4" material and the nail will not be exposed to the elements, the 16d framing nail should be used.



16d Galvanized Nail Figure 3

The 16d galvanized nail, Figure 3, should be used wherever there is 2" or 4" material that will be exposed to the elements. If you are working from a pre-cut kit, there are 16d galvanized nails included for the porch posts.



6d Galvanized Nail Figure 4

The 6d galvanized nail, Figure 4, should be used for the siding and 1" trim. Wherever there is 1" material that will be exposed to the elements, the 6d galvanized nail should be used.



Roofing Screws Figure 5

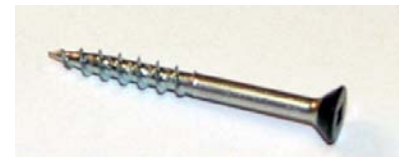


3/4" Nut Driver Figure 6

The roofing screws, Figure 5, are used to apply the metal roofing and should match your roof color. The longer of the two roofing screws should be used for the ridge cap. The 1/4" nut driver, Figure 6, is the driver necessary for the roofing screws.



#2 3/4" square drive window hinge Figure 7



#2 2 1/2" square drive door hinge Figure 8

The #2 3/4" square drive screw, Figure 7, should be used for window hinges. The #2 2 1/2" square drive screw, Figure 8, should be used for the door hinges.

The #2 drive, Figure 9, is the drive bit necessary for the window and door hinge screws.



6" Window Hook Figure 10



#2 drive Figure 9

The 6" Window hook, Figure 10, is used to hook your windows up. The window hook is secured to the window hook eye, Figure 11, when open.



Window Hook Eye
Figure 11