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## 16x20 Vermont Cottage – 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 Porch and Rear wall posts (Porch posts can be substituted for skinned trees)
- (9) 4x4x12 Top Plate Beams
- (3) 6x6x20 hemlock skids
- (24) 2x6x12 rafters
- (25) 2x6x16 Floor joists and blocking
- (4) 2x6x10 Rim floor joists
- (11) 2x6x12 Loft floor framing
- (16) 1x8x12 pine shiplap for loft floor decking
- (4) 2x4x8 smooth spruce ladder material
- (20) 2x4x12, bracing and nailers, collar ties, gable end framing
- (8) ¾" CDX plywood
- (4) 2x4 Ten light Barn sash windows
- (1) 2x2 Six light Barn sash window



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 bar) | Cordless Drill         |
| 25' tape measure                   | ¼" 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  
 14 sheets @ 130"  
 2 ridge caps, total length needed 24'  
 700 1 ½" painted metal roofing screws with gaskets

Door hardware  
 Three 8" "T" hinges for door  
 One Thumb Latch  
 Five 3" sets of hinges if windows are to open  
 Five 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



Hardware Package

**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.





## 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.

*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.*

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.

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.

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.

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.

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.

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.

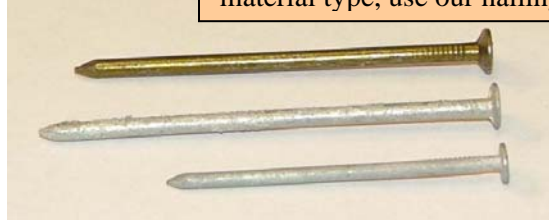
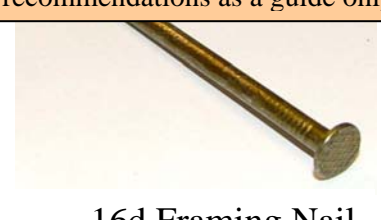


Figure 1



16d Framing Nail  
Figure 2



16d Galvanized Nail Figure 3



6d Galvanized Nail Figure 4



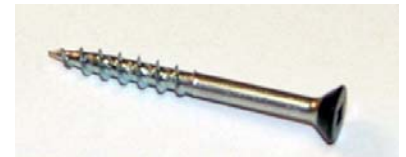
Roofing Screws Figure 5



3/4" Nut Driver Figure 6



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



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



6" Window Hook Figure 10



#2 drive Figure 9



Window Hook Eye  
Figure 11