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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' (Shiplap)	(1) 1x12x16'
	(14) 2x4x8'	(2) 1x8x10'	(1) 2x8x12'	(5) 1x4x14' (Rip to 1x3.5)		(2) 1x6x16'
		(4) 1x6x12'	(8) 2x8x10'	(2) 1x4x16' (Rip to 1x3.5)	(1) 1x6x16'	
			(4) 2x8x8'			

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	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	1/4" drive bit for drill
Chalk line	#2 Phillips
Extension Cord	#3 Square Drive
Tin Snips	Razor Knife
Staple gun	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.





16x20 Barn - 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 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.

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.

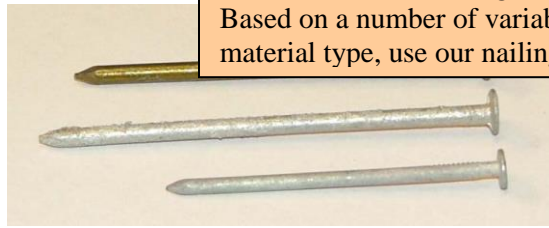
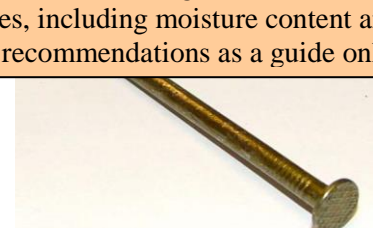


Figure 1



16d Framing Nail



16d Galvanized Nail Figure 3



6d Galvanized Nail Figure 4



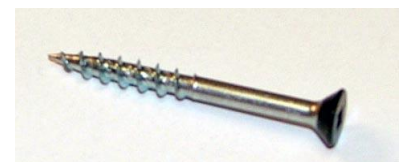
Roofing Screws Figure 5



1/4" 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