



## 20x30 Garage-10ft loft Material List

### **Floor- Hemlock**

Sills- 22-2x6x10' Pressure Treated  
10-2x10x10' Rim Joists  
60-2x10x12' Joists and Blocking

### **Optional Floor System**

10-2x10x10' Rim Joists  
60-2x10x12' Joists and Blocking

### **Interior-Loft Flooring**

660 Board feet of 1x Pine

#### Use 1 Size only

8" - 1000 Linear Feet

10"-800 Liner Feet

12"-660 Linear feet

### **Walls-Hemlock**

15-8x8x12' Beams  
14-8x8x10' Posts and Beams  
4-4x6x12- Loft joist  
26-4x6x10' Loft joist  
3-4x4x12' Angle Braces  
8-4x4x10' Angle Braces  
28-2x6x10' Nailers  
6-2x6x16' Framing

### **Siding-Pine**

2100 Board Feet of Pine 1x10 Ship Lap Siding

### **Roof-Hemlock**

3-2x12x12' Ridge Pole  
49-2x10x14' Rafters  
24-2x6x14' Collar Ties  
2-2x6x12' Gable Ties  
12-2x6x10' Gable Ties  
2-2x8x10' Fly Blocking  
4-1x8x14' Fly Rafters  
920 Board feet of 1x Pine Sheathing  
8" - 1400 Linear Feet  
10"-1140 Liner Feet  
12"-920 Linear feet

### **Trim-Pine**

4-1x12x14' Fascia  
6-1x12x12' Fascia  
4-1x4x14' Shadow  
6-1x4x12' Shadow  
6-1x10x14' Soffit  
8-1x10x10' Soffit  
4-1x8x14' Soffit Gable  
8-1x4x14' Corner trim , Soffit nailers  
10-1x4x10' Door & Window Trim

### **Temp Bracing/ Extra Lumber**

4-1x12x12' Hemlock  
8-1x4x12' Hemlock  
1-8x8x12' Hemlock  
14-2x4x14' Hemlock



## **20x30 Garage-10ft loft Mill Work and Hardware**

### **Millwork**

1-Nine Light 3-0Steel Door- RO 38.5" x82.5"  
2- 2x3 Insulated Windows  
2-4x4 Insulated Wndows  
1- Wood Louvered Vent  
    1-16" Vent Batten  
1-12' JCS Loft Ladder

### **Hardware**

1 Box 12D Galv Gun Nails  
2- Boxes 8D Galv Gun Nails  
1200-Roofing Screws  
100- 8" Timber Screws  
  
2- Rolls Black Triflex 30 Roofing Paper  
80- 10" Harwood 3/4" Dowels  
  
1-1/4" Hex Bit

### **Corrugated Roofing**

20-Pieces of Roofing @ 160" L  
2-Pieces of Roofing@ 160" Ripped to 28"  
3-Piece of Ridge Cap @ 126"  
1-Pieces Ridge Cap @48"

### **Optional Floor System**

20-3/4" 4x8 CDX Plywood Decking

### **Suggested Tools**

Mortisers  
Chainsaw  
Beam saw  
Large drill.  
3/4" Woodboring Bit-10" Long  
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

A forklift or crane will be nessecary to move raise the bents and help place beams. It will also greatly assist in moving materails to where they are needed.



## 20x30 Garage-10ft loft 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.

12D framing nail is used to attach any interior framing

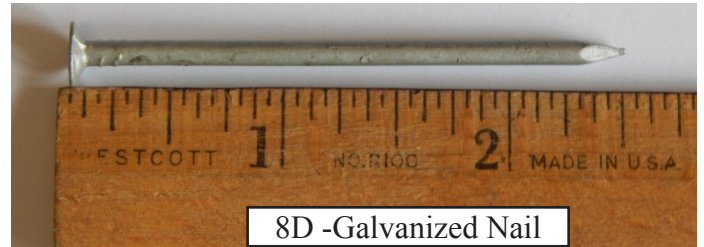
8D Galvanized Nail is used to attach any 1x material

8' Timber screws are used to attach certain sections of the frame. Generally used where they will not be visible when structure is completed.

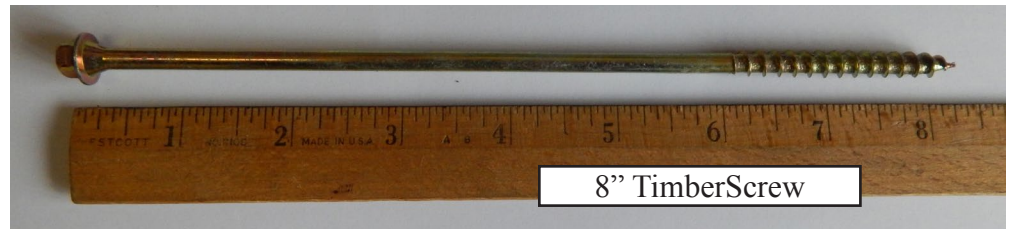
Use a 5/16 nut driver.



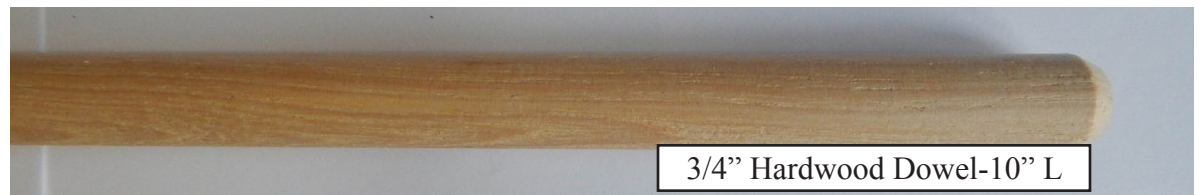
12-D Framing Nail



8D -Galvanized Nail



8' TimberScrew



3/4' Hardwood Dowel-10' L

3/4' Hardwood dowels are used to peg the bents together and also to peg the lintel beams to the bents. 10' pegs will provide enough length to pound through and then they are trimmed flush if desired. The roofing screws, are used to apply the metal roofing and should match your roof color.

The 1/4' nut driver, is the for the roofing screws. A 5/16 driver is also needed for the timber screws.



Roofing Screws



1/4' driver For roofing