

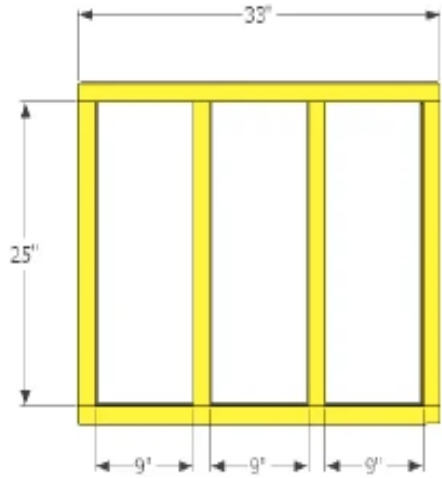
Carpentry Blueprint Plan

Directions: Calculate the correct amount of materials and total price needed based on the dog house plan, cut list, and available material chart given. Used the lay out of the walls to determine the total amount of 2x2's for all walls, 1x2's for arbor, and total 1/2" plywood needed for the project. Ignore doorway trim boards do not add them to final calculation. Once found calculate all materials needed using cut list and billing material chart.

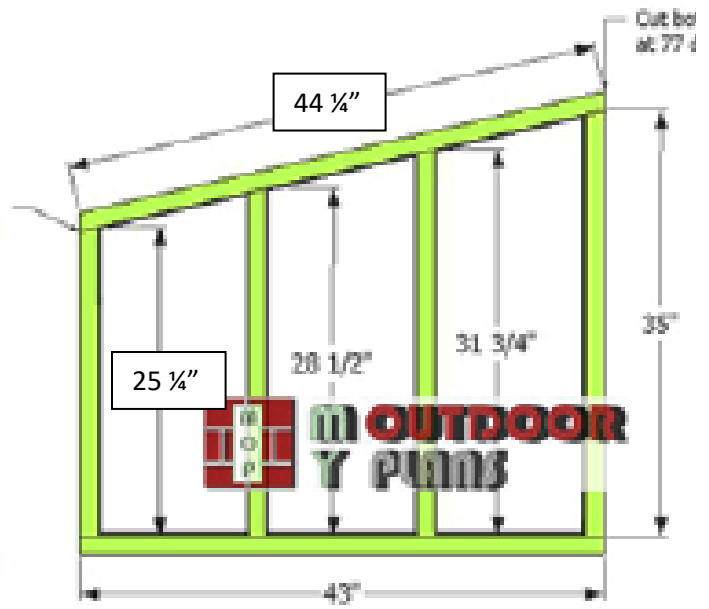
Cut List

- A- 4 pieces of 2x4 40" long- **Joists**
- B- 2 pieces of 2x4 36" long- **Rim Joists**
- C- 3/4" plywood 36x43"- **Flooring Sheet**
- D- 2x2 lumber- **Side walls**
- E- 2x2 lumber- **Front wall**
- F- 2x2 lumber- **Back wall**
- G- 2 pieces of 2x2 lumber 41 1/2" long- **Rafters**
- H- 90 sq ft of 5/8" plywood- **Exterior Siding**
- I- 1/2" plywood 37 1/2"x50"- **Roofing Sheet**
- J- 2 pieces of 1x4, 38 1/2" long and 2 pieces 1x4, 45" long- **Trims**
- K- 1x2 lumber and 1/2" plywood- **Front Arbor**

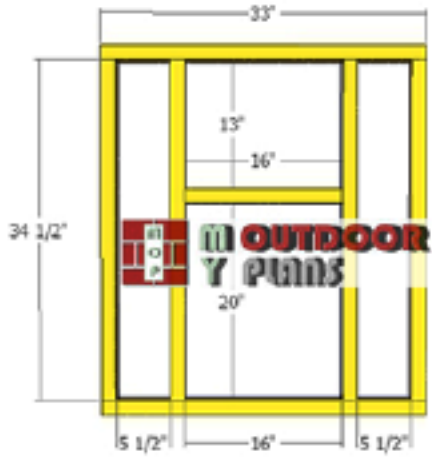




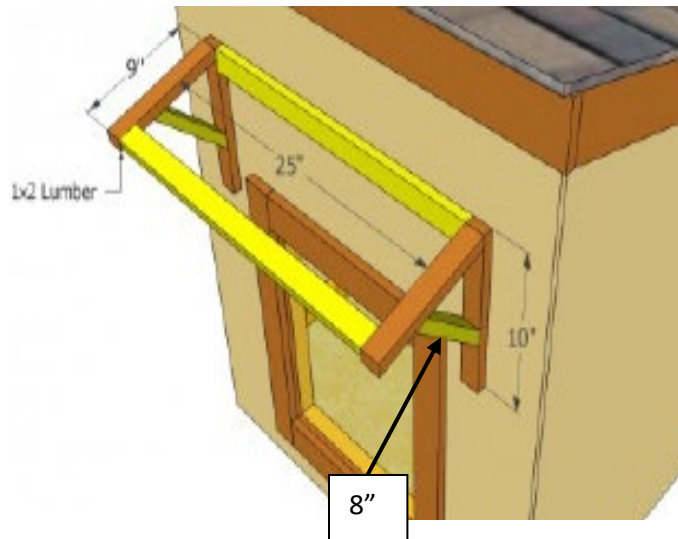
Back of Dog House



Side of Dog House



Front of Dog House



Front Arbor

Blueprint Key

Materials List	# of boards needed	Unit Price per board	Total
1x2x8'	2	\$1.98	3.96
1x4x8'	2	\$3.98	7.96
2x2x8'	10	\$3.79	37.90
2x4x8'	3	\$4.98	14.94
½" plywood	1	\$27.48	27.48
5/8" plywood	3	\$35.07	105.21
3/4" plywood	1	\$43.30	43.30
2 1/2 " decking screws	1 pound	\$9.88	9.88
1 3/4" decking screws	1 pound	\$9.48	9.48
2" brad nails 18 gauge	1 pk	\$16.10	16.10
Asphalt Shingles	1 pk	\$38.57	38.57
		Unit Price	314.78
		+Tax 9.5%	29.90
		Total	344.68

Points Key

424.68
 >2
 404.68
 >4
 384.68
 >6
 364.68
 >8
 354.68
 >10
 344.68
 >10
 334.68
 >8
 324.68
 >6
 304.68
 >4
 284.68
 >2
 264.68

Board Key

17 > 0
 18 > 2
 19 > 4
 20 > 6
 21 > 8
 22 > 10
 23 > 8
 24 > 6
 25 > 4
 26 > 2
 27 > 0