

Course Title: **Construction Material Processing (unit .5)**

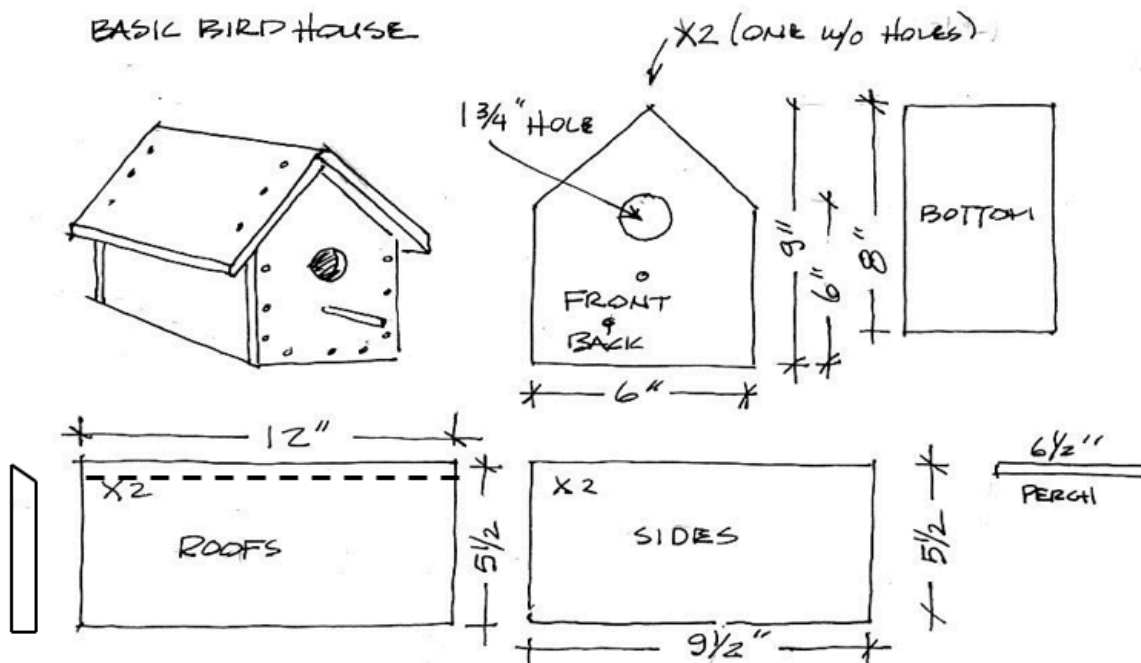
Standard 6: Read, interpret, and use technical drawings, documents and specifications to plan a project

Critical Competency: AC 6.3 Use architect's plan, manufacturer's illustrations and other materials to communicate specific data and visualize proposed work

Student proficiency: Level 3 = Answer questions 1-3 correctly. Level 4 = Answer questions 1-3 correctly and either question 4 or 5, or both

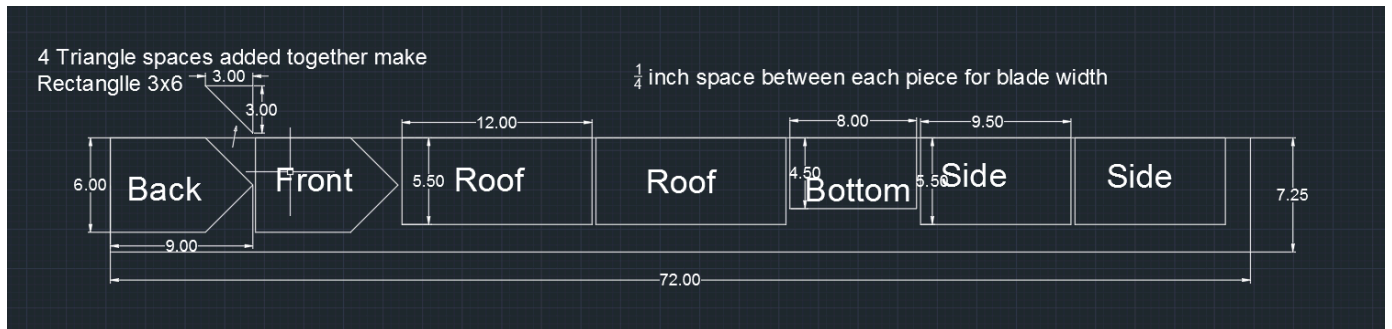
Questions

Birdhouse is constructed out of $\frac{3}{4}$ inch thick pine. Hole and perch height can be set to any distance and are $\frac{1}{4}$ in. dowel.



1. What is the Length & width of one of the roof pieces? _____
ANS: 12" length & 5.5" width
2. What is the overall Height and width of the front? _____
ANS. height 9" & width 6"
3. What is the width of the bottom piece? _____
ANS. width 4.5"
4. The roof of the birdhouse will be painted a different color once it is completed. What is the total surface area that will be painted? (Edges not included and top roof only)
ANS (66 *2)= 132 Roof
5. Using 1X8 boards how much material would one need to purchase and how would it be laid out?

ANS



Other Resources (Top view of bird house)

