Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_

End Table Plan of Procedure #9

Drawer Instructions

1. Get boards cut down to exact dimensions from your ESTIMATING SHEET. Look in the SHORT RACK first to find boards bigger than what you need.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | # of pieces | Thickness | Width | Length |
| Drawer Sides | 2 | ½ | 3 | 14 |
| Drawer Back | 1 | ½ | 2 ½ | 13 ¼  (Cut to the exact length of your opening minus 5/8”) |
| Drawer Front | 1 | ¾ | 3 | 13 ¾  (Cut to the exact length of your opening minus 1/8”) |
| Drawer Bottom | 1 | ¼ | 13 ¼ | 14 ¼ |

1. Have the teacher check your boards. Teacher Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Sand the faces of the Front, Sides, and Back of your drawer boards with the FINISH SANDER or RANDOM ORBIT SANDER before assembling your drawer.
3. Set boards up how drawer will look and mark where rabbet joints and grooves should be cut. See picture below for how it should look.

DRAWER FRONT

Top View

DRAWER SIDE

DRAWER SIDE

DRAWER BACK

1. Use the ROUTER #1 and ROUTER #2 to cut the Rabbet Joints and groove joints. NOTE: the drawer front should have two rabbet joints and one groove joint. The sides should have only ONE rabbet joint and one groove. The Back should NOT have any joints cut on it.
2. Dry assembly the drawer with the bottom board.
3. VERY IMPORTANT that you do not glue the drawer together until you have checked to see if it fits in your table. There should be 1/16 inch gap on both sides of the drawer front when fit into your table.
4. If the drawer fits then glue the drawer together and use the PIN NAILER to nail it together.
5. Wipe up any glue before it dries with a wet paper towel.
6. Teacher Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_