

# **Mother's Day Project**

## **Manufacturing and Assembly**

### **Instruction Sheet**

#### **ASSEMBLY INSTRUCTIONS:**

**DO FIRST-** Ensure that all parts are in the package (Heart, 3" Dowel Rod, Base, Flowers, and Felt w/double stick paper).

**THEN...**

- Step 1- Insert one end of 3" Dowel Rod into HEART, then insert Assembled Heart & Dowel Rod into Base.
- Step 2- Paint assembled project and let dry (BE SURE to have plastic or paper under project when painting).
- Step 3- Repaint/Refinish assembled project until desired finish has been achieved.
- Step 4- Once finish has dried, carefully apply Felt to the bottom of the Base using double stick paper.
- Step 5- Only Glue parts together if necessary. Project should fit together snugly and should not require gluing.

**Glue can be used in place of double stick paper.**

#### **MANUFACTURING INSTRUCTIONS:**

**DO FIRST-** Ensure that all raw materials are available (project pattern sheet or pre-made pattern of Heart & Base, wood for Heart, 3" Dowel Rod, wood for Base, and Felt w/double stick paper).

**THEN...**

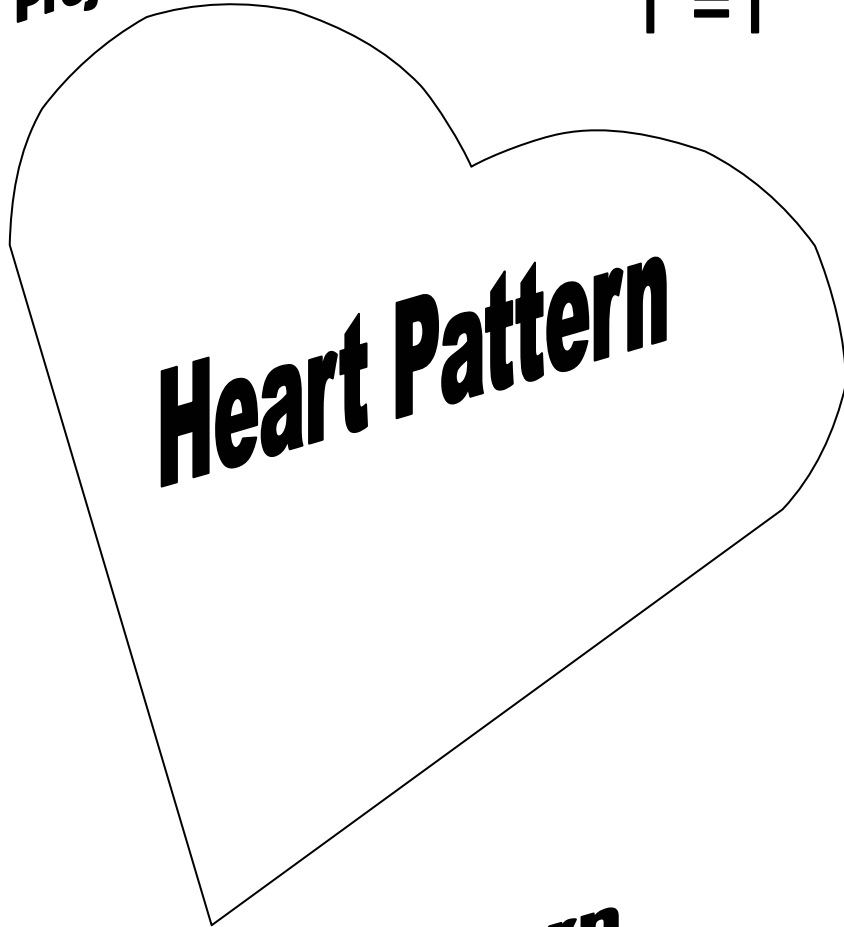
- Step 1- Use Pattern and pencil to layout Heart shape and Base shape on a piece of wood- try to lay patterns out to efficiently use the most of the material available.
- Step 2- Carefully Cut patterns out of wood material using a Bandsaw and/or a Scroll Saw- make curves as smooth as possible using relief cuts as needed.
- Step 3- Use the Disk and Belt Sander to smooth edges, then follow-up using Drum Sander on Drill Press.
- Step 4- Once sanding has been completed, drill 1/4" holes in Base and Heart as shown on drawing.
- Step 5- Ensure Dowel Rod is cut to its proper length of 3". Lightly sand all wooden parts.
- Step 6- Place sanded Heart, and Dowel Rod, along with project drawing and instructions into Ziplock bag.
- Step 7- Cut felt and double stick paper to size to fit 1/8" inside of wood base.
- Step 8- Place Felt and double stick paper into Ziplock bag.
- Step 9- Inspect Ziploc bag to ensure all project parts are inside, then close and ready for delivery.

**Mother's Day**  
**Project**  
**Date Manufactured:**

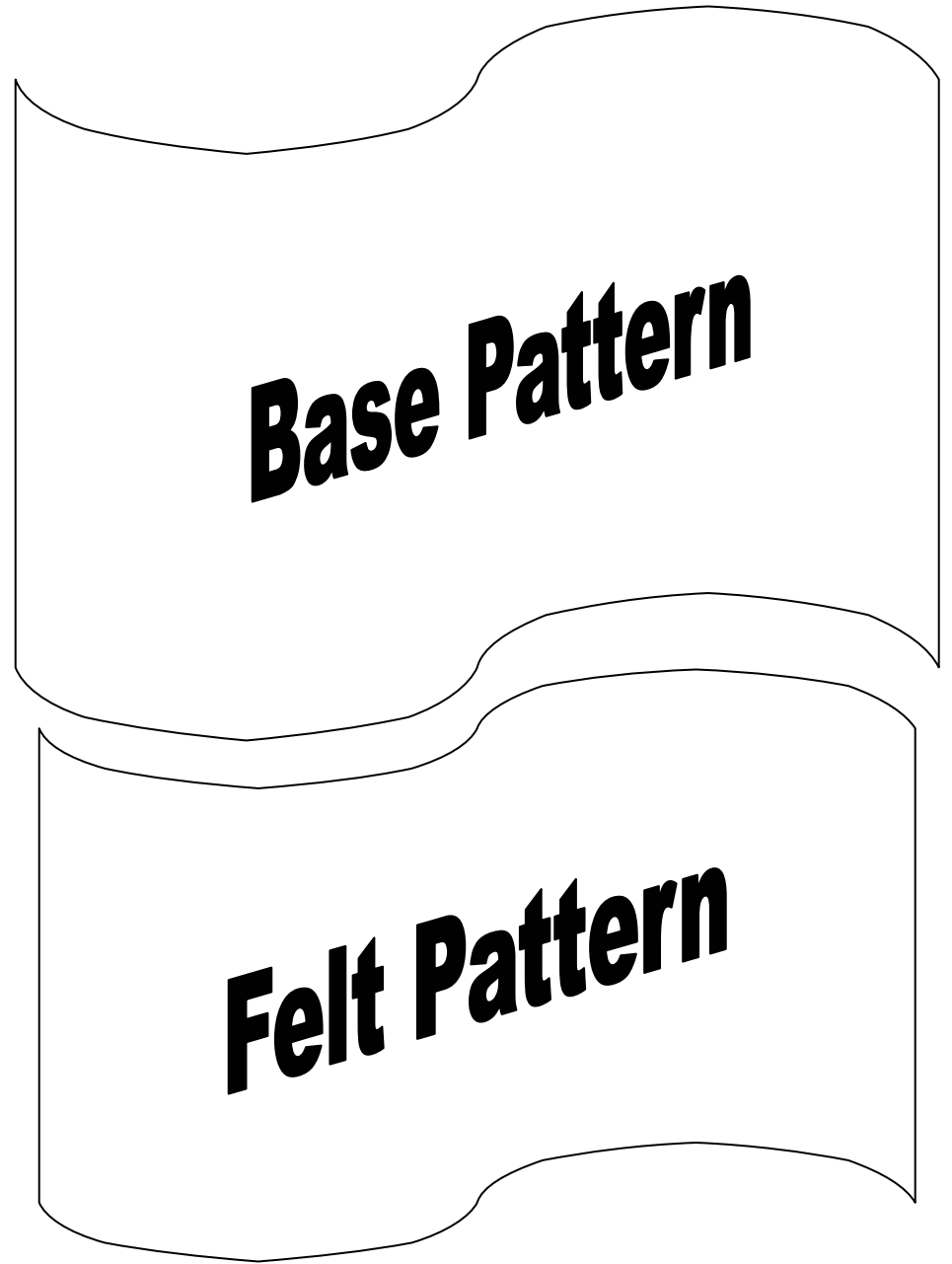
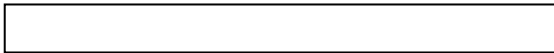
**Final Packaging**  
**and Inspection By:**

**Mother's Day  
Project Pattern Sheet**

**SCALE:  
1"=1"**

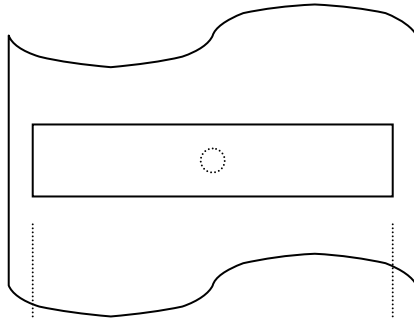


**Dowel Pattern  
3" Length**

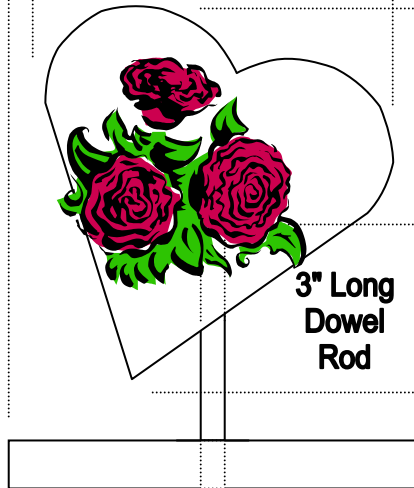
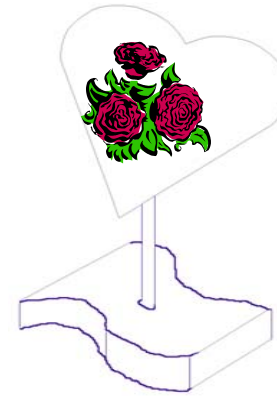


# Mother's Day Project

Sketch 3-D View Here



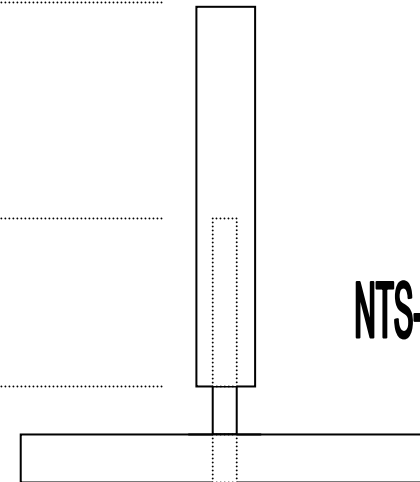
TOP VIEW



FRONT VIEW

All Edges  
Smoothed  
and Rounded

3" Long  
Dowel  
Rod



RIGHT SIDE VIEW

SCALE:  
NTS- Not To Scale

Blue Felt  
to be Applied to  
Bottom of  
Base

DRAWING BY:

CLASS:

PERIOD/COLOR:

DATE: