

## **“ME AND MY BUDDY” BENCH**

### **Materials Needed:**

1. 2in. x 8in. x 6ft. (Qty: 1)
2. 2in. x 4in. x 8ft. (Qty: 1)
3. 2 1/2in. Phillips wood screws (Qty: 24)
4. Sandpaper
5. Paint or Stain
6. Paintbrush
7. Foot Pad Nail Protectors (Qty: 4)

### **Tools Needed:**

1. Circular Saw
2. Screw Driver
3. Drill and bit
4. Measuring Tape
5. Sandpaper
6. Hammer
7. Safety glasses

**Grade Level: 4-12**

**Project Time: 3-4 hours**



If you are building the bench to be 4 foot (or longer), we recommend adding the diagonal support as above.

### **How this helps Maumee Valley Habitat for Humanity:**

The “Me and My Buddy” bench will be donated to Future Homeowners, placed in community gardens in Lucas County and/or sold in our ReStore. THANK YOU for making a difference.

### **Instructions:**

1. Gather materials
2. Have adult cut wood to appropriate lengths as shown on next page
3. Sand all pieces
4. Take all cut pieces of 2” x 4” to assembly frame for legs (see Diagram A)
5. Glue all pieces together with wood glue and let dry for approx. 10 minutes (see Diagram B)
6. Drill 2 holes in each corner of the frame, and connect wood pieces together with screws (see Diagram C)
7. Lay out the two 2” x 8” x 36” boards next to each other on a flat surface (see Diagram D)
8. Place the framed legs on each end of the boards 4” from the edge and 1-1 1/2” in from each side (center)
9. Drill 4 holes in the top piece of each leg frame and screw legs in place (see Diagram E)
10. Paint or stain entire bench (optional)
11. Hammer the foot pad nail protectors on the bottom of each leg (see Diagram F)
12. Turn bench right side up and “have a seat with a buddy” (see Diagram G)



## Instructions:

### Cut List:

2in. x 8in. x 36in. (quantity 2)

2in. x 4in. x 8in (quantity 4)

2in. x 4in. x 15 in. (quantity 4)

Diagram A x2

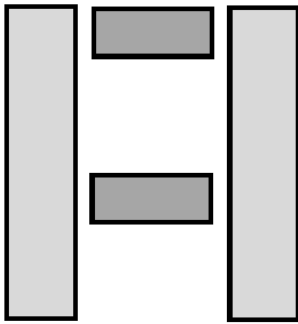


Diagram B x2

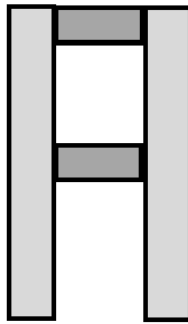


Diagram C x2

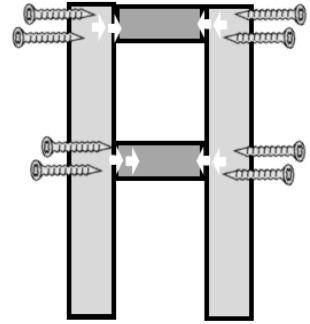


Diagram D



Diagram E

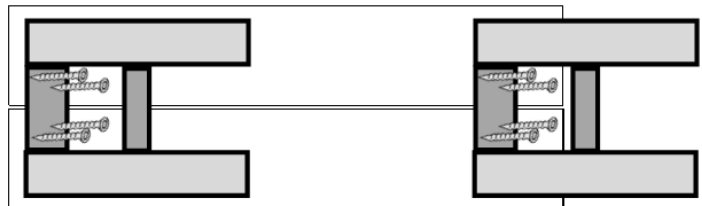


Diagram F x2

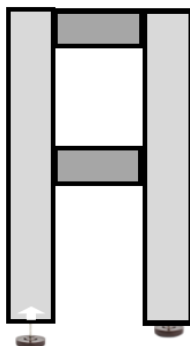


Diagram G

