

# HART™



## Silverware Holder

# PROJECT PLAN

**Finished Dimensions:** 15"w x 10"h x 11"d


**Skill Level:** Beginner


# Materials

Item	Qty
1/2" x 24" x 48" Plywood*	1
1" x 10" Wooden Dowel	1
# 8 x 1" Flat Head Phillips Wood Screws	
Sand Paper**: 150g, 220g & 320g	

\* Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

\*\* Starting grit will depend on board surface condition, a rough surface will require starting with a coarse grit first.

 Grit is measured in the coarseness of the particles on the sandpaper. The lower the grit number, the coarser the paper. Heavy sanding would require 60 to 80 grit, medium sanding would require 120 to 220 grit, and finish sanding would require 320 to 400 grit. Super fine sanding would be 600 grit and higher.

 A select/premium board or plywood comes with a smoother surface finish. It is clear or has very few tight knots, and it will have straight and sharp edges. This grade of wood pairs well with other boards or panels better and requires less time to sand and finish.

# Tools Used



Circular Saw



Jig Saw



Drill/Driver



4v Screwdriver



Orbital Sander



Tape Measure



20V 1.5Ah Battery



20V 4.0Ah Battery



Charger




Safety Glasses



Countersink Bit

Also Needed:  
Clamps

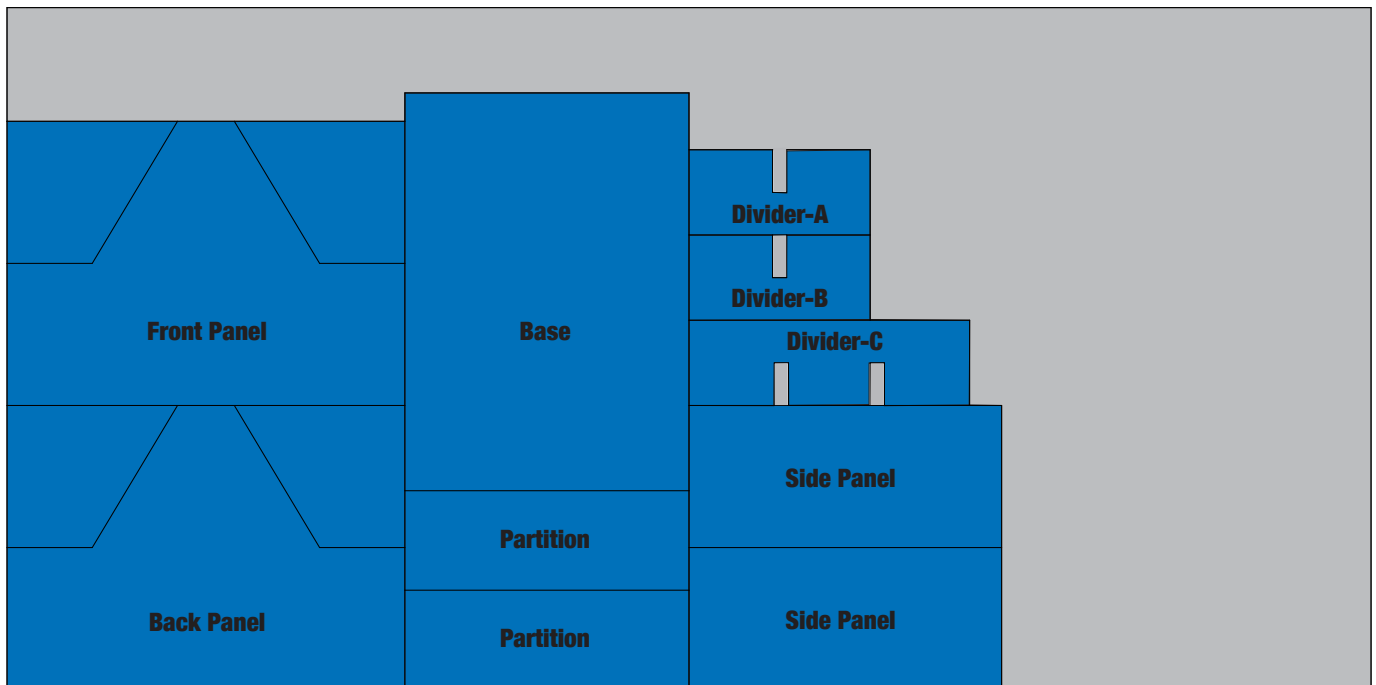
 **Battery Tip:** A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

# Lumber Cut List

Board*		Qty
1/2" x 14" x 10"	Front & Back Panels	2
1/2" x 10" x 14"	Base	1
1/2" x 10" x 3-1/2"	Partitions	2
1/2" x 11" x 5"	Side Panels	2
1/2" x 9-15/16"x 3"	Divider C	1
1/2" x 6-7/16"x 3"	Dividers A & B	2
1"x 10" Dowel	Handle	1

\* Board dimensions are "nominal." Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

## Lumber & Sheet Layout Guide

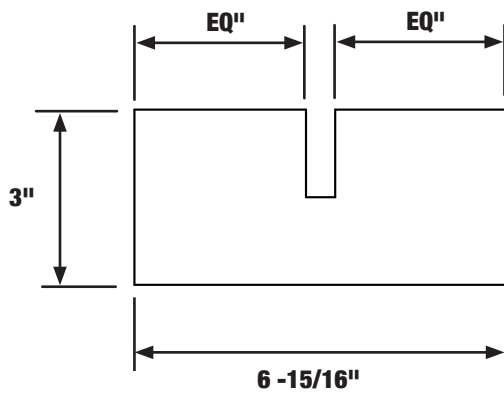
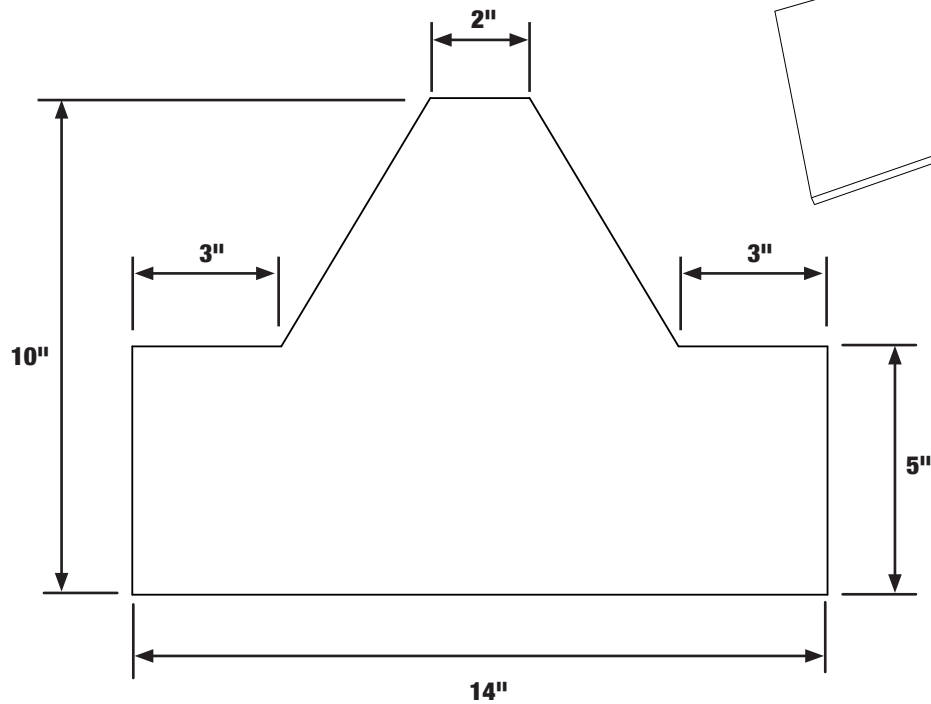
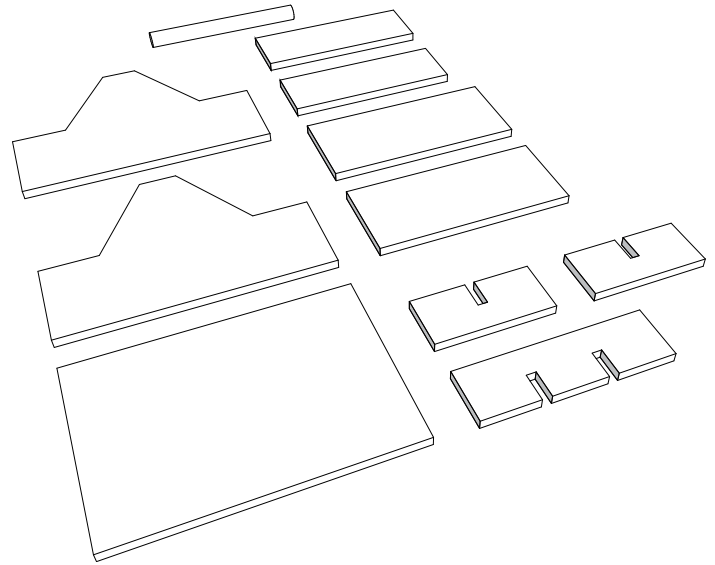


# Assembly Instructions

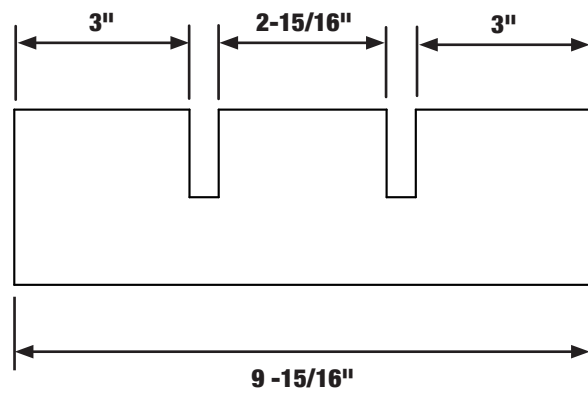
## Step 1

Start by cutting out all panels.

Cut 1- 1/2" x 1/2" slots in dividers with Jig Saw.

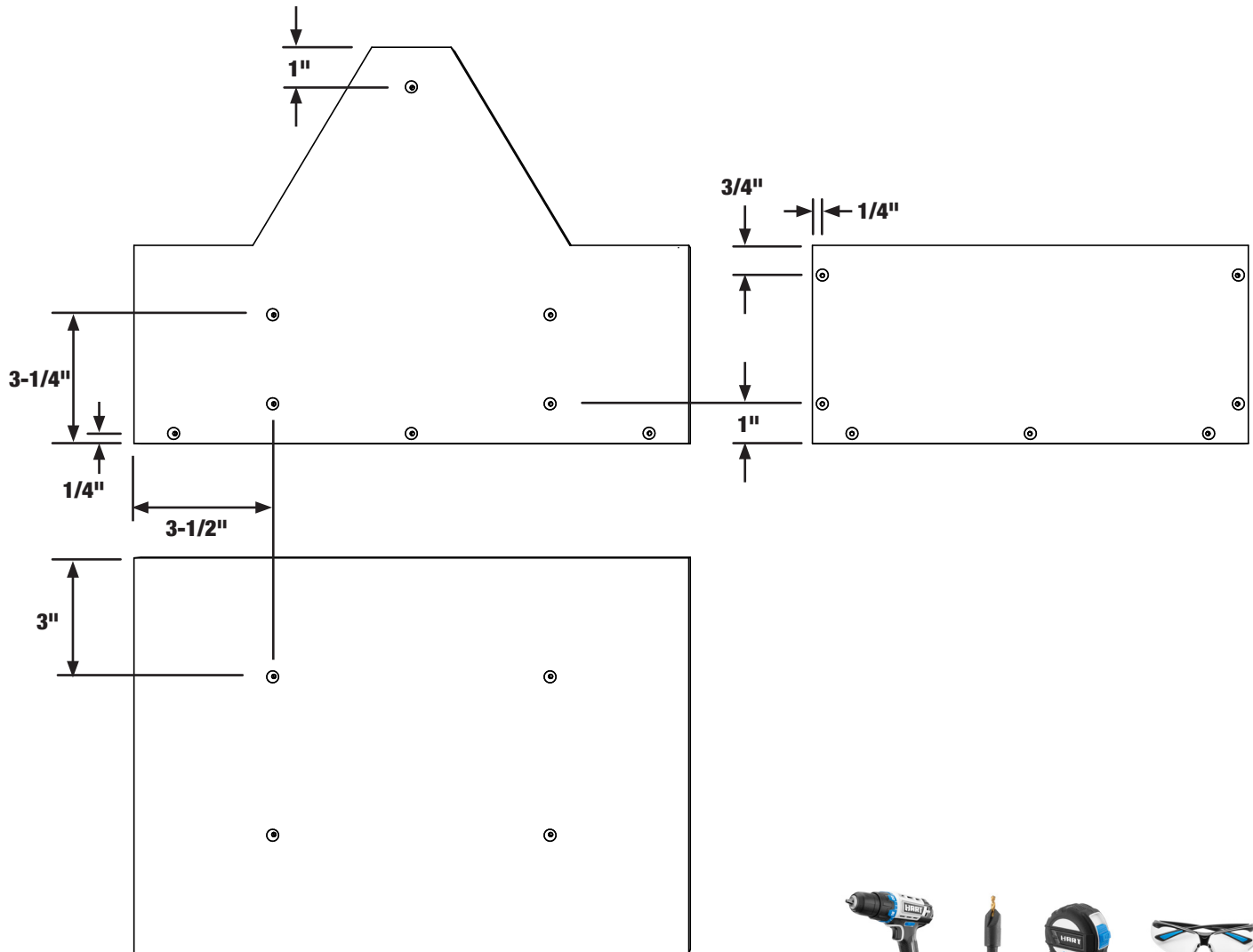


EQ = Equal Length



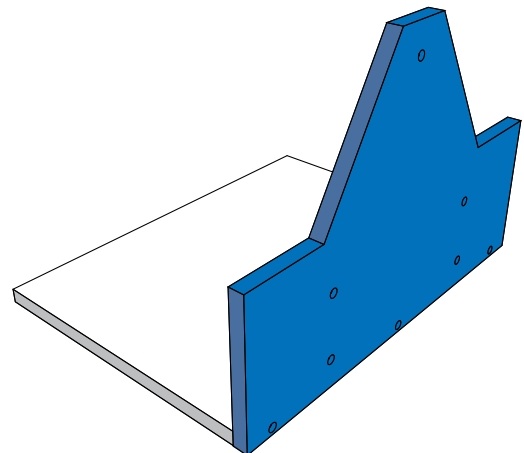
## Step 2

Mark drill points using diagram below. Pre-drill all screw holes with the Countersink Drill Bit (dimensions are symmetrical).



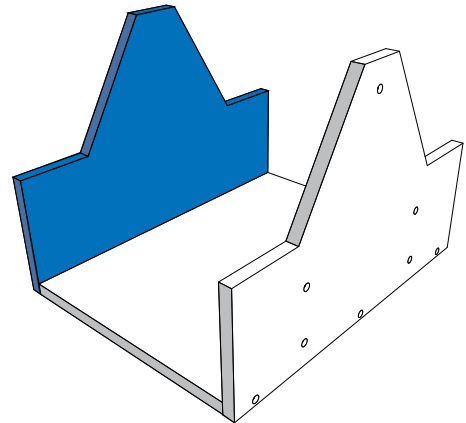
## Step 3

Attach front panel to base. Use #8 x 1" wood screws at all attachment points for this project.



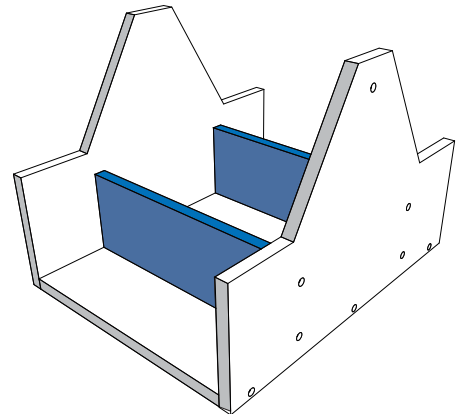
## Step 4

Attach back panel to base.



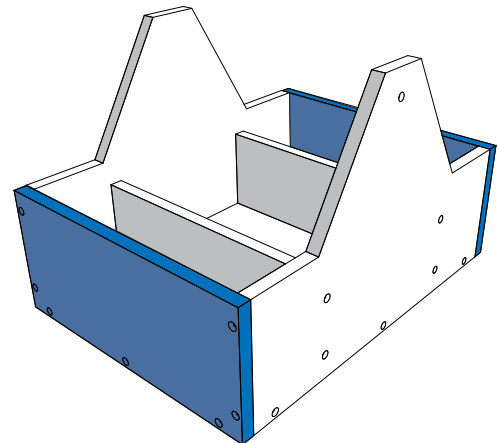
## Step 5

Attach partition panels to inner part of assembly.



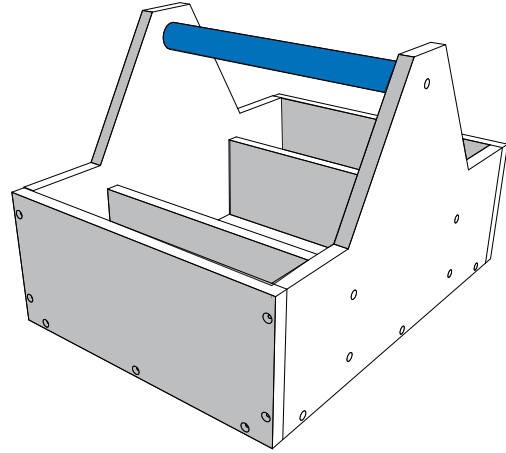
## Step 6

Attach side panels to outer edge of assembly.



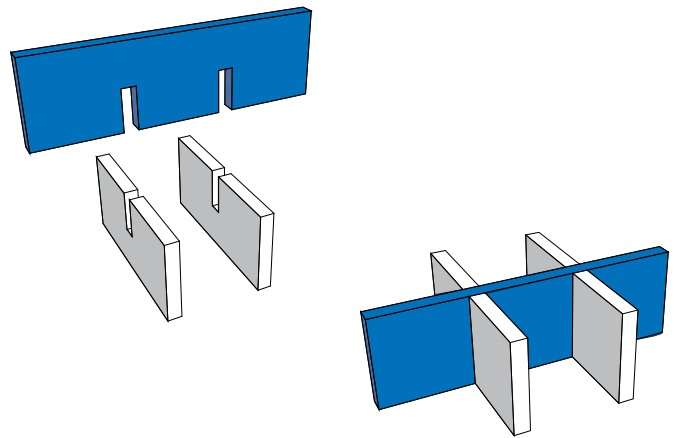
## Step 7

Attach 1" dowel for handle.



## Step 8

Glue and join slotted dividers together.



## Step 9

Place dividers into center of silverware holder.

Sand and finish to your desire.

**H Rougher finish** – Use 60-80 grit sandpaper to hand sand with the grain of the wood.

**Smoother finish** – Use 60-80 grit sandpaper to remove scratches & imperfections.

Followed by using 120-220 grit to smooth.

**Finish Sanding** – Use 320-400 grit sandpaper

**Super fine sanding** – Use 600+ grit sandpaper

**H Tip** - If desired, add accessories to holder such as a bottle opener.

