

2020 NAME DAY CRAFT SINK & OVERHEAD CABINET

ALL SCALES (DREAM CRAFT ROOM – PART II)

Designed by the NAME Day 2020 Committee



Tools:

- Scissors
- Sandpaper/emery boards
- Gluing jig

Supplies:

- Wood Glue and/or white glue of choice
- Paints and/or stain

Sink Cabinet Directions for Assembly:

1 Identify all of the parts using the attached diagrams.

2 You may paint or stain now or after partial assembly. Be aware that you will need to paint or stain the cabinet doors before putting them in the tracks. Knobs don't go on until the very end.

3 Start with Back (A) face up on your work surface. Glue Legs (K) on each side keeping the backs and tops flush.

Do the same with Front (B). One leg on each side and the Faux Drawer (G), centered in the upper section. Be sure to keep the backs and tops flush.

4 Start with Back (A) face up on your work surface. Glue Legs (K) on each side keeping the backs and tops flush.

Do the same with Front (B). One leg on each side and the Faux Drawer (G), centered in the upper section. Be sure to keep the backs and tops flush.

5 Prepare each Bottom/Top (C) by gluing 2 tracks on the front edge of each one like in this diagram: Glue the bottom to the Back (A) with the tracks facing up and in the front, flush with the lower edge of the back. Using your doors (H), as spacers to determine placement of the top (C). The doors need to fit precisely in the tracks, top and bottom. Once these are dry, glue the shelf (F) to Part A halfway up between the top and bottom. Test fit your doors at this time.

If they fit well and move freely in the tracks, leave them in place temporarily while you glue on the Front (B) assembly. when dry, remove the doors and set aside.

6 Glue 1 each of the Sides (D) & Side Trims (E) together to make 2 sides. Clamp and let dry. Set one of these aside for now.

7 Glue **ONE** of these sides between legs (H) and to the

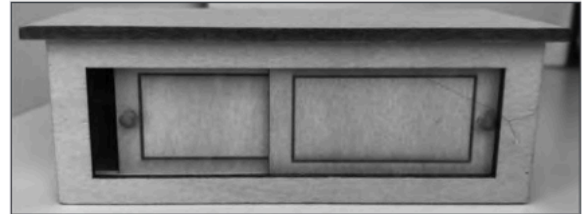
horizontal (C), (F), and (C) edges. Make sure the top edges stay perfectly flush so your countertop will fit smoothly.

8 Put the doors back into the tracks IF your finishes are already done. If they're not, paint or stain now. If you're "good to go", glue the knobs on the doors and attach the other side as in step 6.

9 Carefully thread the dowel between 2 brackets, Parts (J) and (I). Attach the brackets about $\frac{3}{8}$ " down from the top of each side on the sides of each leg and the side trims. One holder on each side, as desired; maybe one for paper towels and one for a decorative hand towel.

Counter and Back Splash:

If possible, keep the film on one side of the acrylic pieces until after painting. We're suggesting a "reverse painting" technique to simulate granite or stone but alternatively, you could just use a printout or picture found online and decoupage. After painting, glue the back splash on top of the counter, flush with the back edge. When dry, glue the countertop to your cabinet centered left to right and flush with the back. You want it to go right up against a wall so it looks like it has plumbing. Spray paint your sink in an aluminum finish, or whatever you prefer and insert it into the opening in your counter.



Overhead Cabinet Assembly:

1 Identify all of the parts using the attached diagrams.

2 You may paint or stain now or after partial assembly. Be aware that you will need to paint or stain the cabinet doors before putting them in the tracks. Knobs don't go on until the very end.

3 Doors: If your kit has the doors etched, ignore this step. Glue the door trims (U) onto each door (T). Clamp til dry.

4 Prepare Top and Bottom (S) with the tracks the same way you did in the sink, Step 6. Glue them centered on the front of the Back (R), as before, but flush with the top and bottom edges. Test fit the doors (W) in the tracks at this time. If all's well, glue in the shelf (X) centered vertically and horizontally on the cabinet back.

5 Assemble Sides (T) and Side Trims (U) as in Sink Step 7. Glue only **ONE** side panel, trim side out, into one side end of the cabinet between the 2 (S) panels and to the shelf edges. Attach the front (Q), covering all of the inside raw edges.

6 Glue the Top (P) on the top, centered side to side and flush on the back. Insert the doors, add the knobs, and glue in the last side panel (T/U). ◆

2020 NAME DAY CRAFT SINK & OVERHEAD CABINET

NAME Day 2020: SINK

Part	Part Name	Scale: 1" (1:12)			Scale: 1/2" (1:24)			Scale: 1/4" (1:48)		
		Cut	thickness	Part Size	Cut	thickness	Part Size	Cut	thickness	Part Size
A	Back	1	3/32"	3/32 x 3-1/4 x 2-3/4	1	1/16"	1/16 x 1-5/8 x 1-3/8	1	1/32"	1/32 x 13/16 x 11/16
B	Front - see drawing for <i>cutout</i>	1	3/32"	3/32 x 3-1/4 x 2-3/4	1	1/16"	1/16 x 1-5/8 x 1-3/8	1	1/32"	1/32 x 13/16 x 11/16
C	Bottom/Top	2	3/32"	3/32 x 1-1/8 x 3-1/4	2	1/16"	1/16 x 9/16 x 1-5/8	2	1/32"	1/32 x 9/32 x 13/16
D	Sides	2	1/16"	1/16 x 1-1/8 x 2-3/4	2	3/64"	3/64 x 9/16 x 1-3/8	2	1/32"	1/32 x 9/32 x 11/16
E	Side Trims	2	1/32"	1/32 x 5/32 x 2-3/4	2	1/32"	1/32 x 5/64 x 1-3/8	0		NONE
		2	1/32"	1/32 x 3/16 x 13/16	2	1/32"	1/32 x 3/32 x 13/32			
F	Middle Shelf	1	1/16"	1/16 x 3/4 x 3-1/4	1	3/64"	3/64 x 3/8 x 1-5/8	1	1/32"	1/32 x 3/16 x 13/16
G	Faux Drawer	1	1/32"	1/32 x 3/4 x 2-3/4	1	1/32"	1/32 x 3/8 x 1-3/8	1	1/32"	1/32 x 3/16 x 11/16
G2	Drawer Trims	2	1/32"	1/32 x 5/32 x 2-7/16	2	1/64"	1/64 x 5/64 x 1-7/32	0		NONE
		2	1/32"	1/32 x 5/32 x 3/4	2	1/64"	1/64 x 5/64 x 3/8			
H	Sliding Doors	2	1/32"	1/32 x 1-11/32 x 1-1/2	2	1/32"	1/32 x 7/8 x 3/4	2	1/32"	1/32 x 7/16 x 3/8
H2	Door Trims	2	1/32"	1/32 x 5/32 x 1-11/32	2	1/32"	1/32 x 5/64 x 3/4	0		NONE
		2	1/32"	1/32 x 1/8 x 1-3/16	2	1/32"	1/32 x 1/16 x 23/32			
I	Brackets	4	1/16"	1/16 x 1/4 x 3/8	4	3/64"	3/64 x 1/8 x 3/16	4		1/32 x 3/32 x 3/32
J	Dowels	2	1/16"	1/16 x 1-1/8	2	3/64"	3/64 x 9/16	2	3/64"	3/64 x 9/32
K	Legs	4	1/4"	1/4 x 1/4 x 3	4	1/8"	1/8 x 1/8 x 1-1/2	4	1/16"	1/16 x 1/16 x 3/4

Cut these 2 pieces out of 1/8" Plexiglass

		out of 1/16" Plexiglass			out of 1/32" Plexiglass					
L	Backsplash	1	1/8"	1/8 x 3/8 x 4	1	1/16"	1/16 x 3/16 x 2	1	1/32"	1/32 x 3/32 x 1
M	Countertop	1	1/8"	1/8 x 1-3/4 x 4	1	1/16"	1/16 x 7/8 x 2	1	1/32"	1/32 x 7/16 x 1
N	**Tracks	4	3-1/4"	long for each The tracks can be obtained on Amazon.com and are by Plastruct #90582	4	1-5/8"	long for each The tracks can be obtained on Amazon.com and are by Plastruct #90582	4	13/16"	long for each The tracks can be obtained on Amazon.com and are by Plastruct #90582
O	Knobs (optional)	6	- Your choice							

The sink that has been 3D printed for this project can be obtained from Alician Pearce, ubfaep@yahoo.com (608) 751-1270 for \$5.00 for the 1" scale which includes the faucet and handles. Ask about prices for other scales. Or, you can print your own if you have a 3D printer but it must look very similar to the one designed for this project.

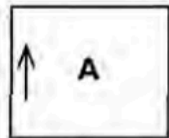
2020 NAME DAY CRAFT SINK & OVERHEAD CABINET

NAME DAY 2020: UPPER CUPBOARD

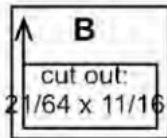
Part	Part Name	Scale: 1" (1:12)			Scale: 1/2" (1:24)			Scale: 1/4" (1:48)		
		Cut	thickness	Part Size	Cut	thickness	Part Size	Cut	thickness	Part Size
P	Top	1	3/32"	3/32 x 1-1/2 x 3-1/2	1	1/16"	1/16 x 3/4 x 1-3/4	1	1/32"	1/32 x 3/8 x 7/8
Q	Front	1	3/32"	3/32 x 3-1/4 x 1-1/4	1	1/16"	1/16 x 1-5/8 x 5/8	1	1/32"	1/32 x 13/16 x 11/16
R	Back	2	3/32"	3/32 x 3-1/4 x 1-3/16	2	1/16"	1/16 x 1-5/8 x 19/32	2	1/32"	1/32 x 9/32 x 13/16
S	Top/Bottom	2	3/32"	3/32 x 1-1/8 x 3-1/4	2	1/16"	1/16 x 9/16 x 1-5/8	2	1/32"	1/32 x 9/32 x 13/16
T	Sides	2	1/16"	1/16 x 1 x 1-3/16	2	1/32"	1/32 x 1/2 x 19/32	2	1/32"	1/32 x 1/4 x 5/16
U	Side Trims	2	1/32"	1/32 x 1/8 x 1-3/16	2	1/32"	1/32 x 1/16 x 11/16	0		NONE
		2	1/32"	1/32 x 3/16 x 3/4	2	1/32"	1/32 x 3/32 x 3/8	0		NONE
V	Door Trims	2 ea	1/32"	1/32 x 3/16 x 1-3/16	2 ea	1/64"	1/64 x 3/32 x 11/16	0		NONE
				1/32 x 3/16 x 1			1/64 x 3/32 x 1/2			
W	Doors	2	1/32"	1/32 x 1-9/16 x 1	2	1/32"	1/32 x 25/32 x 1/2	2	1/32"	1/32 x 3/16 x 11/16
X	Shelf	1	1/32"	3/32 x 3/4 x 3	1	1/32"	1/16 x 3/8 x 1-1/2	1	1/32"	1/32 x 3/16 x 3/4
Y	Spacer for shelf	2	1/8	1/8 x 5/8 x 1	1	1/32"	1/8 x 5/16 x 1-1/4	1	1/32"	5/32 x 1/8 x 1/2
Y	Tracks	4 - 3-1/4" long for each The tracks can be obtained on Amazon.com and are by Plastruct #90582			4 - 1-5/8" long for each The tracks can be obtained on Amazon.com and are by Plastruct #90582			4 - 13/16" long for each The tracks can be obtained on Amazon.com and are by Plastruct #90582		
Y	Knobs (optional)	6 - Your choice								

2020 NAME DAY 1/4" SCALE CABINET AND SINK PARTS

1/4" SINK CABINET PARTS



Back (1)
1/32 x 13/16 x 11/16



Front (1)
1/32 x 13/16 x 11/16



Bottom/Top (2)
1/32 x 9/32 x 13/16



Sides (2)



Middle Shelf (1)
1/32 x 3/16 x 13/16



Faux Drawer (1)
1/32 x 3/16 x 11/16



Sliding Doors (2)
1/32 x 7/16 x 3/8



Brackets (4)
1/32 x 3/32 x 3/32

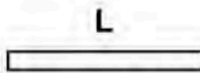


Dowels (2)
3/64 x 9/32

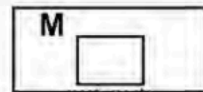


Legs (4)
1/16 x 1/16 x 3/4

Cut L & M out of 1/32" Plexiglass



Backsplash (1)
1/32 x 3/32 x 1



Countertop (1)
1/32 x 7/16 x 1

4 Tracks 13/16" long
Plastruct #90582
available on
Amazon.com

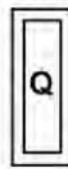
6 Knobs if desired

1/4" OVERHEAD CABINET PARTS

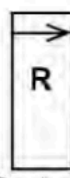


Top (1)
1/32 x 3/8 x 7/8

Front (1)
1/32 x 13/16 x 5/16
Cut Out: 11/16 x 3/16



Back (1)
1/32 x 13/16 x 5/16



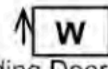
Top/Bottom (2)
1/32 x 9/32 x 13/16



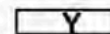
Sides (2)
1/32 x 1/4 x 5/16



Middle Shelf (1)
1/32 x 3/16 x 3/4



Sliding Doors (2)
1/32 x 25/64 x 11/16



Spacer for shelf (1)
5/32 x 1/8 x 1/2

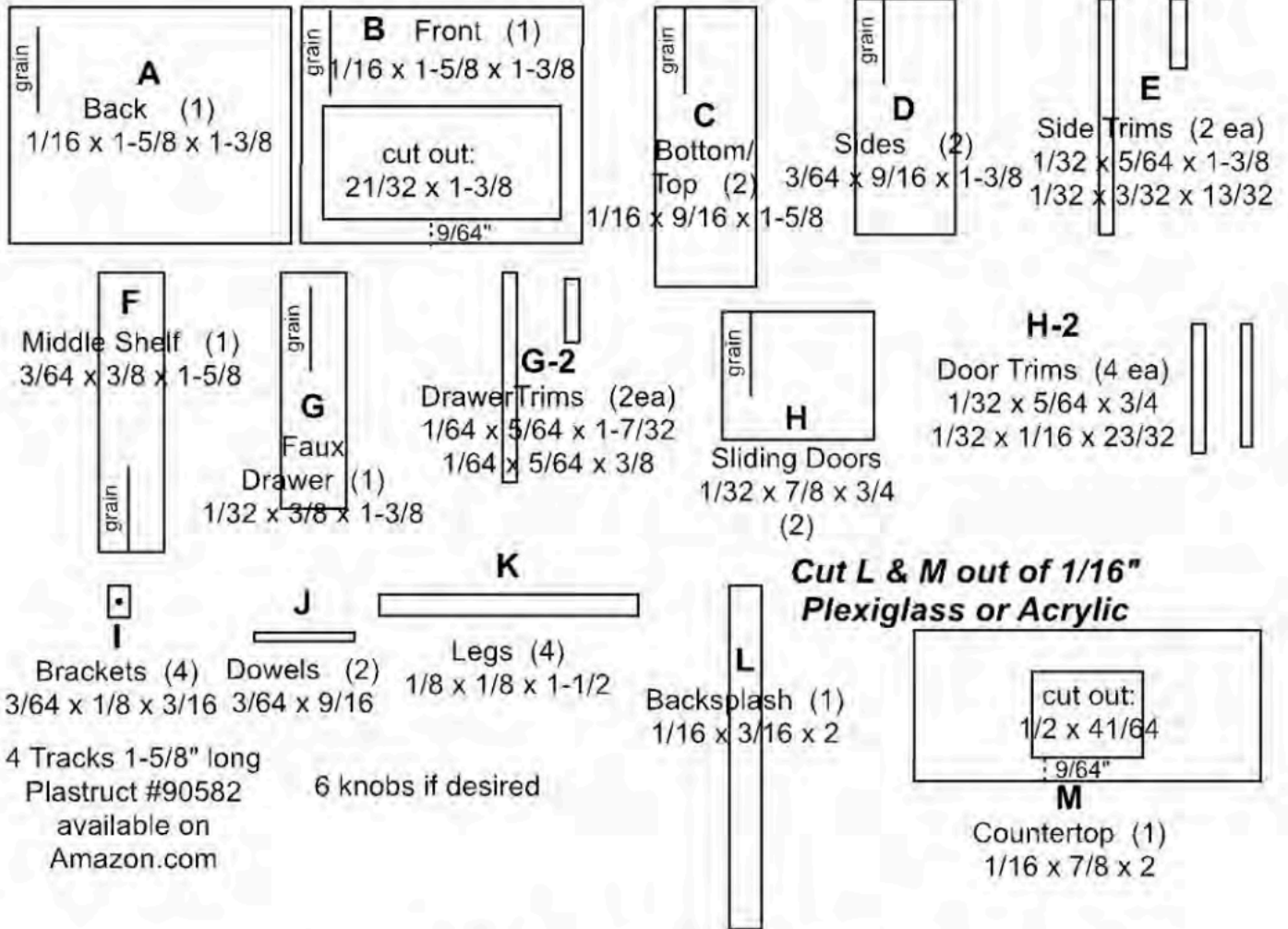
OTHER

4 Tracks 13/16" long
Plastruct #90582
available on
Amazon.com

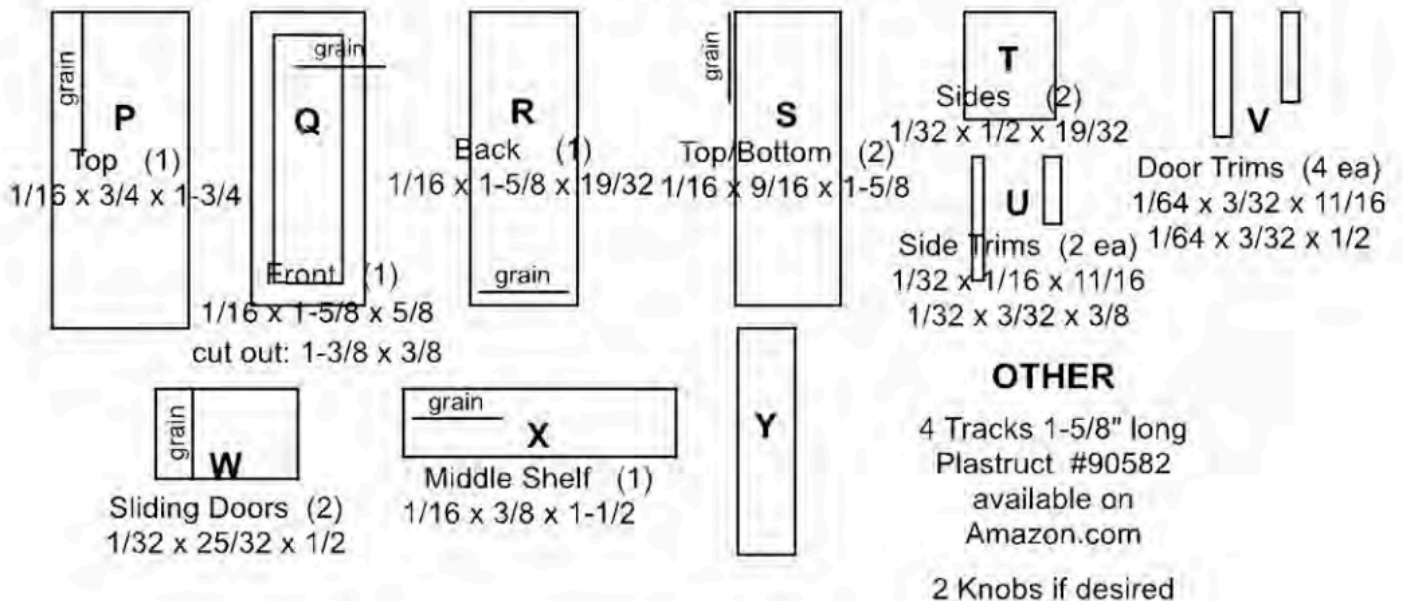
2 Knobs if desired

2020 NAME DAY 1/2" SCALE CABINET AND SINK PARTS

1/2" SINK CABINET PARTS

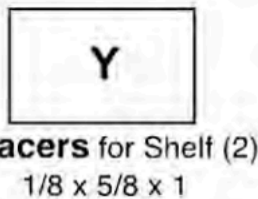
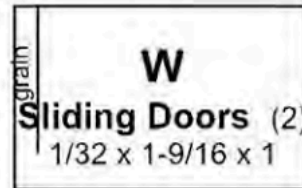
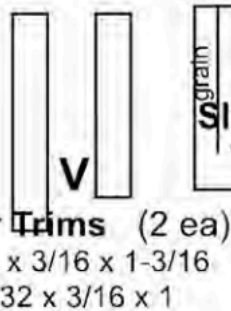
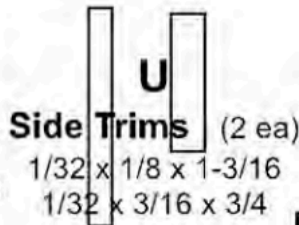
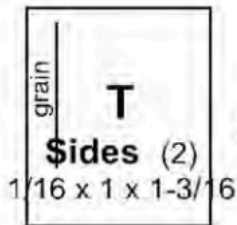
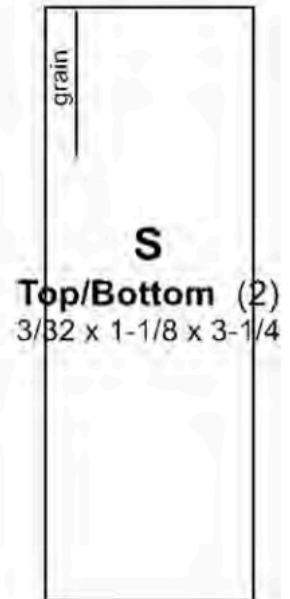
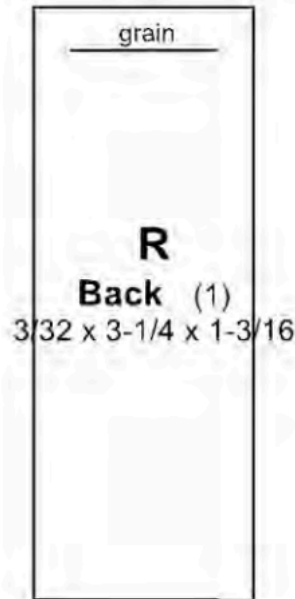
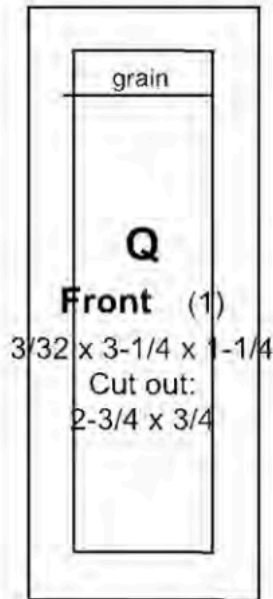
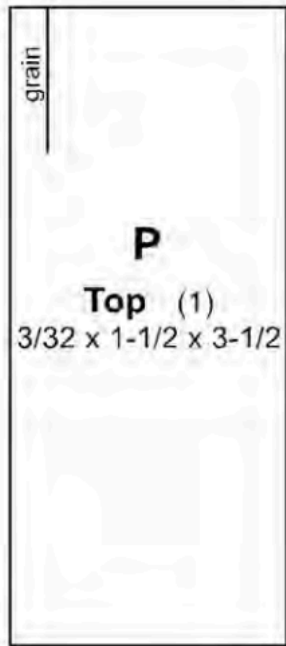


1/2" OVERHEAD CABINET PARTS

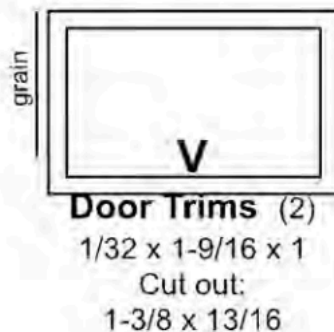
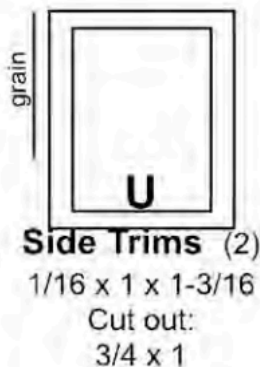


2020 NAME DAY 1" SCALE CABINET AND SINK PARTS

1" OVERHEAD CABINET PARTS



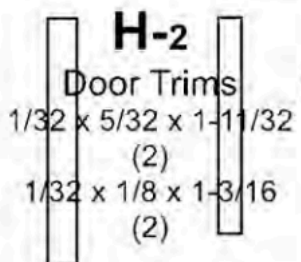
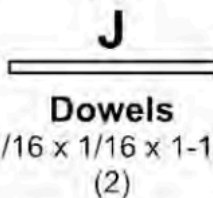
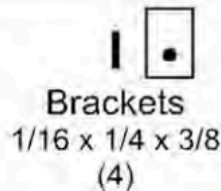
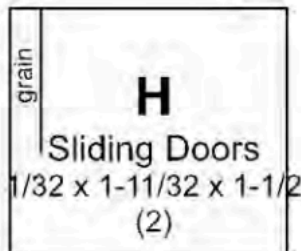
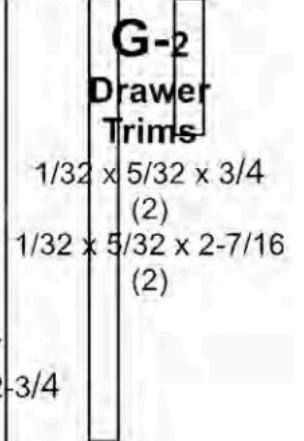
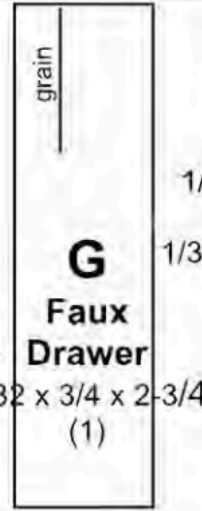
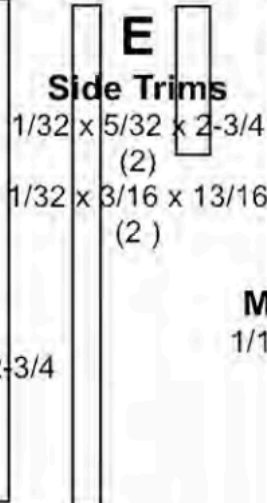
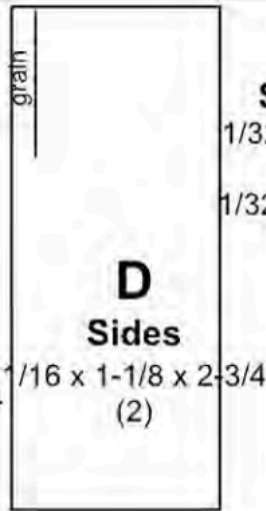
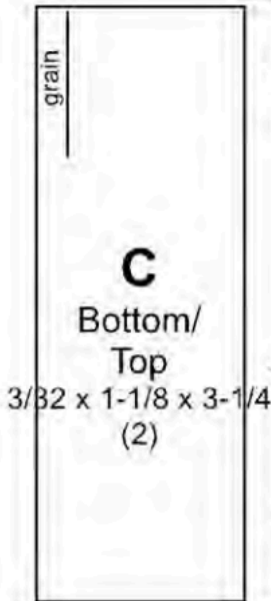
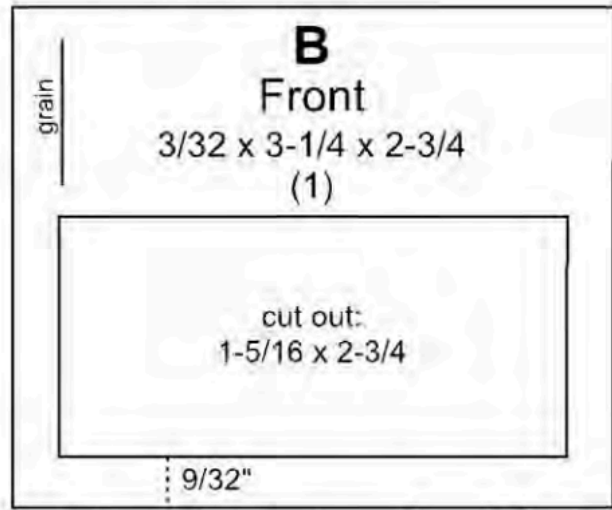
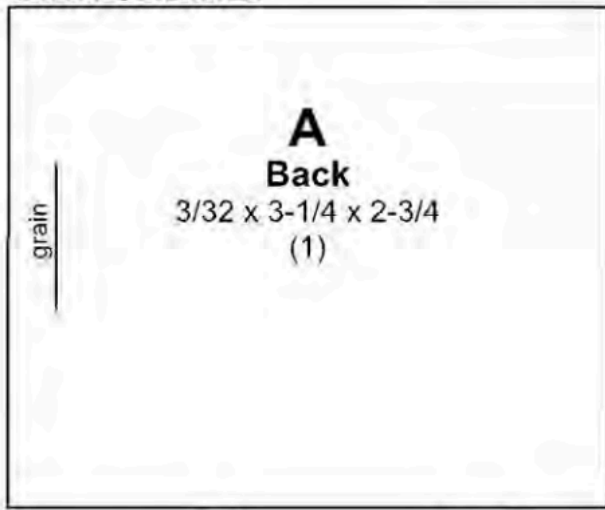
Laser Trim Alternatives: Replace U & V with these trims



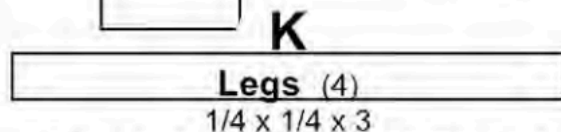
2020 NAME DAY 1" SCALE CABINET AND SINK PARTS

1" SINK CABINET PARTS

SINK CABINET



4 Tracks 3-1/4" long
Plastruct #90582
available on
Amazon.com
6 Knobs if desired



Cut L & M out of 1/8" Plexiglass

