

HDTV Stand

Dimensions 48" w x 24" h x 15 3/4" d

This HDTV Stand is suitable for up to 46" flatscreen TVs, video or audio components and DVD and CD storage. Shown here in pre-finished B2 Maple PureBond® veneer core hardwood plywood.



Detail of interior storage compartment and hinge assembly.

Materials List

- 2 Sheets 3/4" thick 4x8' veneer core hardwood plywood
 - 1 Sheet 1/4" thick 4x8' veneer core hardwood plywood
 - 8 Hinges (such as [Liberty Hardware Euro 100 hinges](#) available at The Home Depot.)*
 - 4 Knobs or pulls
 - 6 Nail-on glides
 - 1 Roll matching edgebanding (such as [BAND-IT iron on wood veneer edgebanding](#) available through special order at the Home Depot.)*
 - 1 Pocket Hole Jig (such as [Kreg Jig Mini](#) available at The Home Depot.)*
 - 1 Bottle wood glue
- * Please follow the installation instructions of the hinge and edging manufacturers.

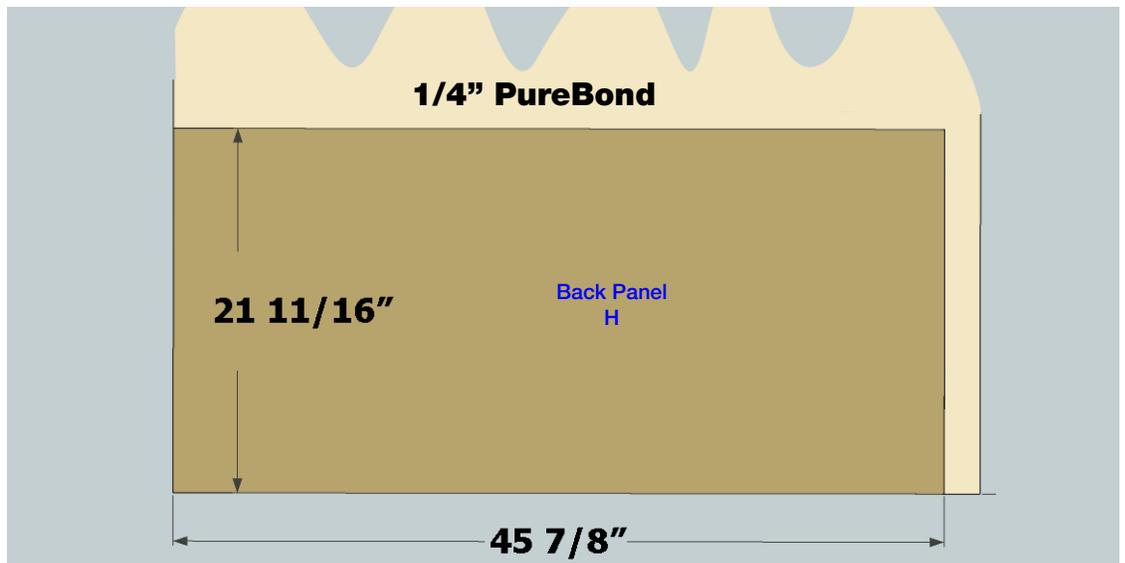
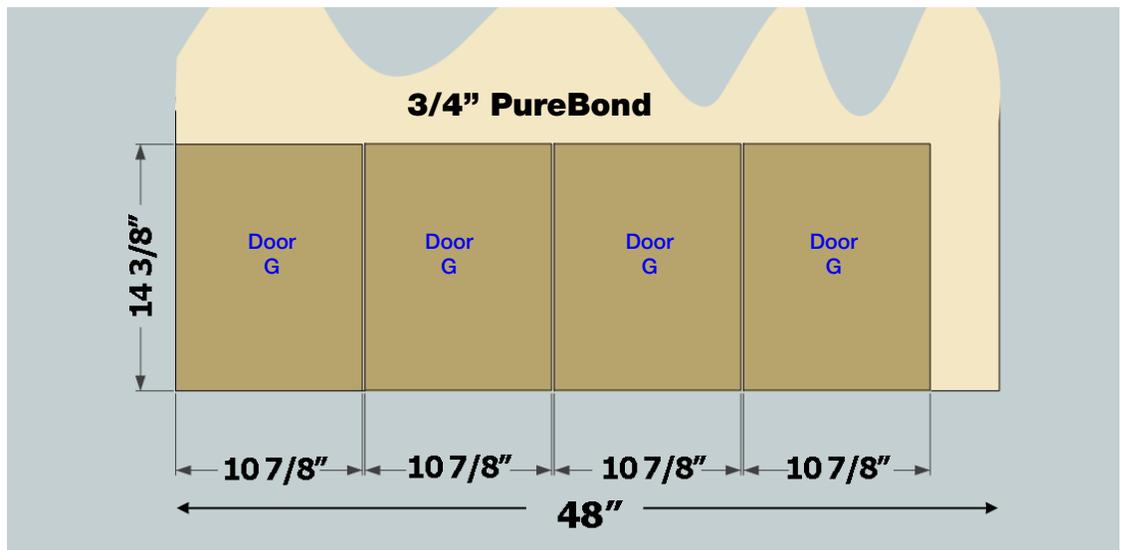
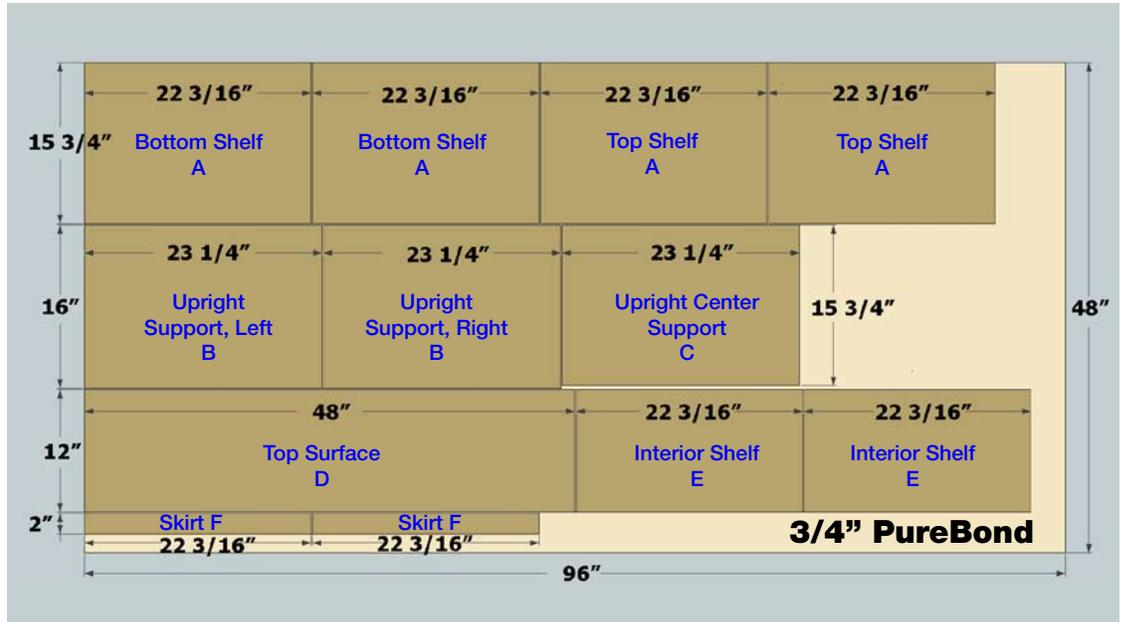
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HDTV Stand - Cut List



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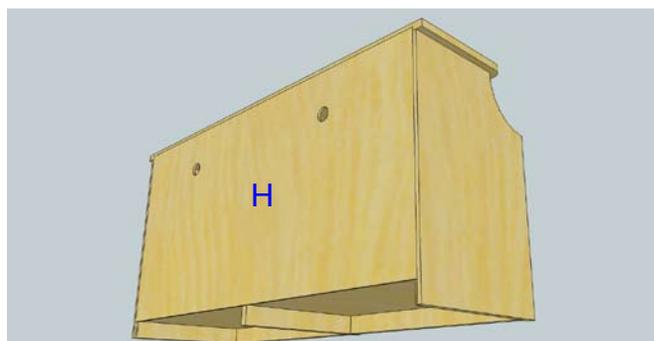
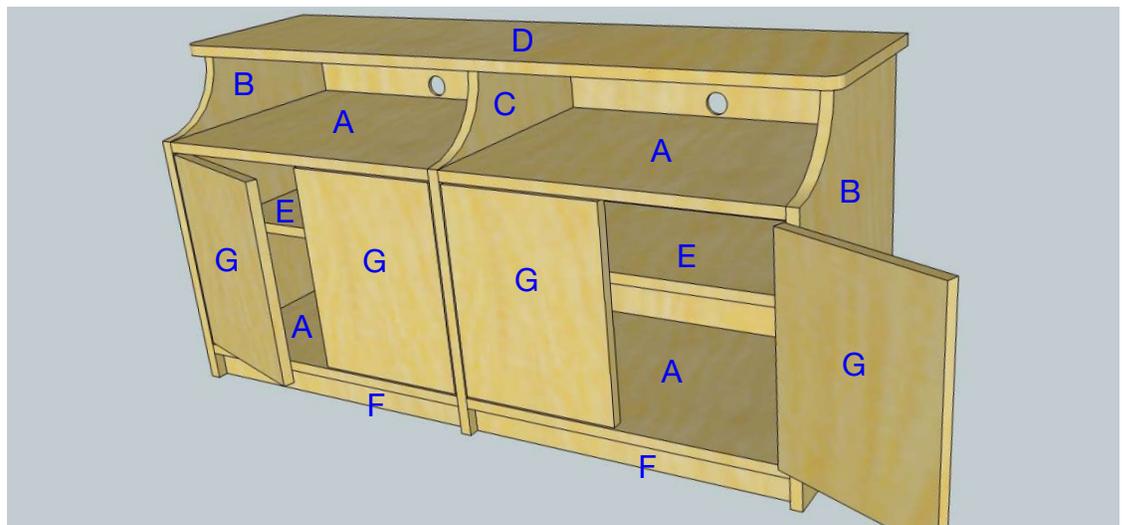
3/4" Sheet #1					
Reference	Component	QTY	Width	Length	Notes
A	Top & Bottom Shelves	4	15 3/4"	22 3/16"	
B	Upright Support, Left	1	16"	23 1/4"	Parts mirror each other; back edge rabbeted
B	Upright Support, Right	1	16"	23 1/4"	Parts mirror each other; back edge rabbeted
C	Upright Support, Center	1	15 3/4"	23 1/4"	
D	Top Surface	1	12"	48"	
E	Interior Shelves	2	12"	22 3/16"	
F	Skirt (Kick Plates)	2	2"	22 3/16"	
3/4" Sheet #2					
	Component	QTY	Width	Length	
G	Doors	4	10 7/8"	14 3/8"	
1/4" Sheet					
	Component	QTY	Width	Length	
H	Back Panel	1	21 11/16"	45 7/8"	Optional: Two holes for power cords.
Hardware					
	Component	QTY			
	Hinges	8			Liberty Hardware Euro 100 hinges used
	Kreg Screws	58			
	Knobs or Pulls	4			
	Nail-on Glides	6			For feet
	1/4" Dowels	9			To attach top
	Brads/small nails				To attach back

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HDTV Stand - Instructions

Step 1 Cut and Drill Parts

- **Cut all parts to overall size.** See Cut Lists on pages 2-3.
- **Assembly of this piece uses “pocket hole” construction.** Follow manufacturer’s instructions for aligning and drilling pocket holes. We suggest [Kreg Jig Mini](#). See Figure A.
- **Cut rabbets and drill holes** as required on individual components.

Figure A: Example of Pocket Holes

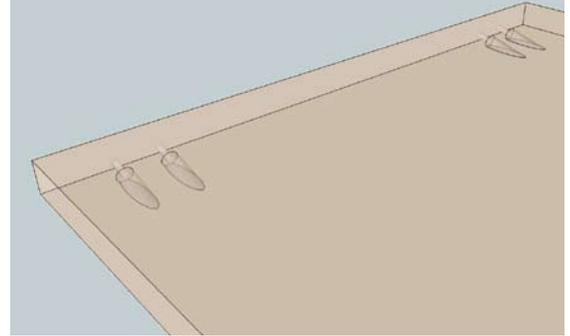
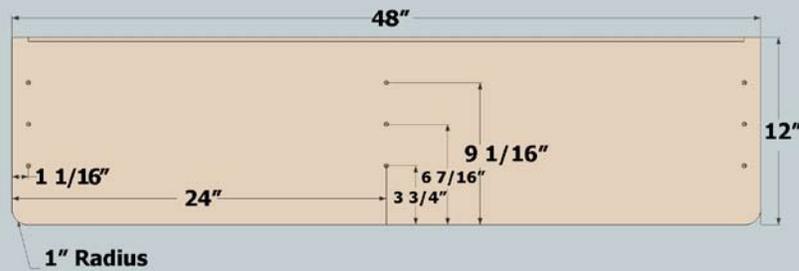
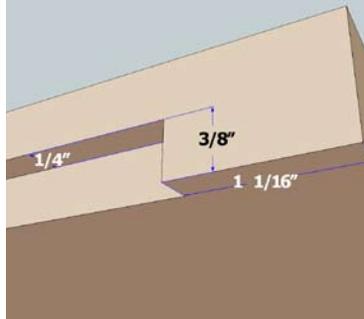


Figure B: Top Surface Radius, Rabbet and Dowel Holes



- **Cut the 1” radius corners on front edge of Top Panel.** See Figure B.
- **Drill (9) 1/4” holes for dowels in the top panel** (1/2” deep). See Figure B.

Figure C: Top Surface Rabbet



- **Cut rabbet in back edge of Top Panel.** See Figure B and C.
- **Cut the rabbet in back edge of Left & Right Side Support Panels.** See Figure D.

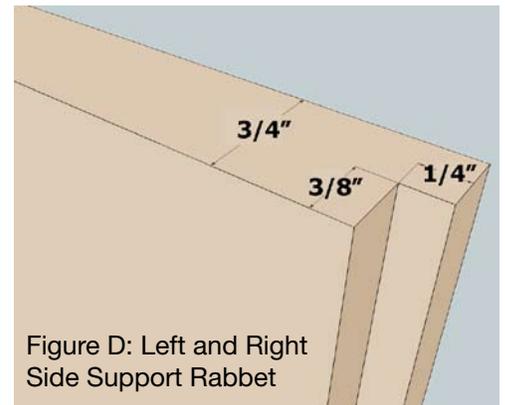
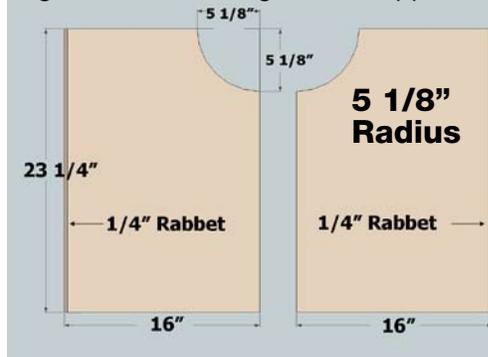


Figure D: Left and Right Side Support Rabbet

Figure E: Left and Right Side Supports



- **Cut the Arc** on the front top corner of one of the Side Support Panels. See Figure E.

Tip: To simplify you could cut a straight 45° angle here instead of the arc.

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HDTV Stand - Instructions continued

- Use this panel as a template to router out or cut the arc on the remaining Support Panels. Note direction of rabbets. See Figure F.

- Note: **Center Support Panel does not get a Rabbet groove.** It is 1/4" smaller than Left and Right Supports to allow for the back panel. Align panels to the front edge when transferring the arc cutline. See Figure G.

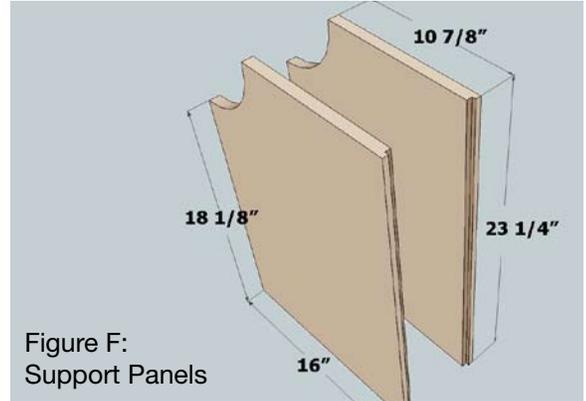


Figure F:
Support Panels

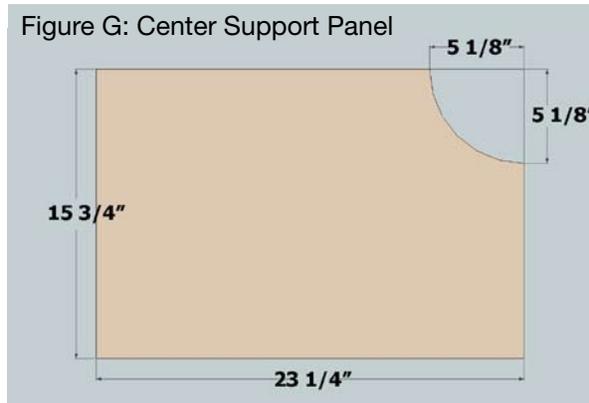


Figure G: Center Support Panel

- Drill 1/4" dowel holes in top edges of all 3 Support Panels (make sure they align with holes drilled in top panel). See Figures H and I.

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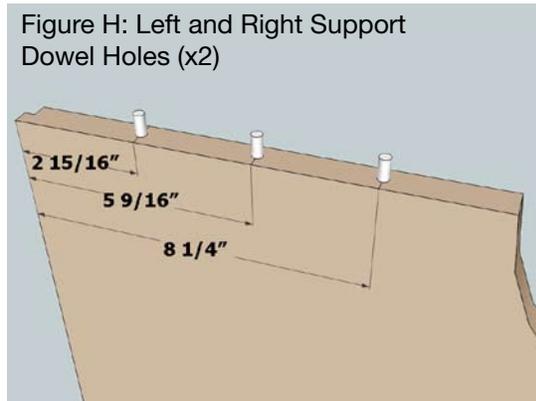


Figure H: Left and Right Support Dowel Holes (x2)

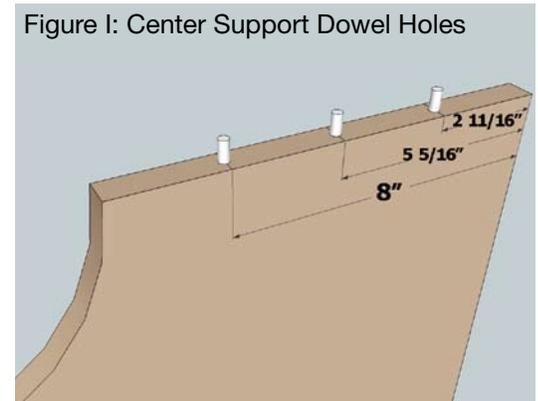


Figure I: Center Support Dowel Holes

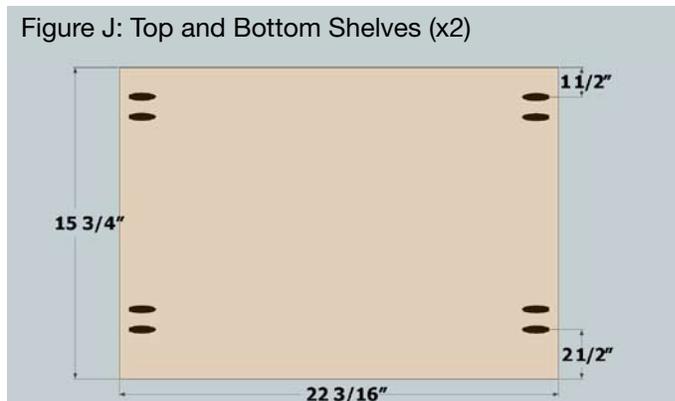


Figure J: Top and Bottom Shelves (x2)

- Drill Pocket Holes in Top & Bottom Shelves. See Figure J.

HDTV Stand - Instructions continued

- **Drill Pocket holes in Interior Shelves.** See Figure K.

Figure K: Interior Shelves (x2)

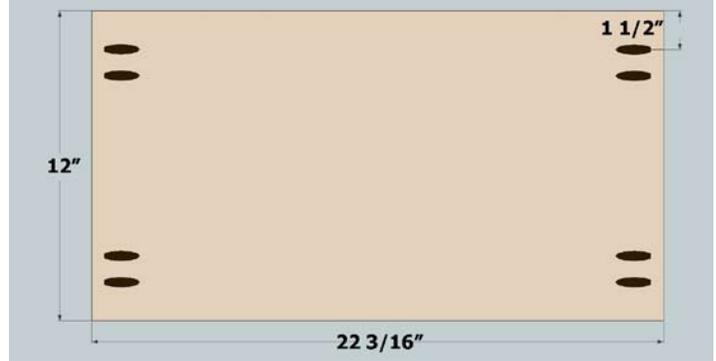
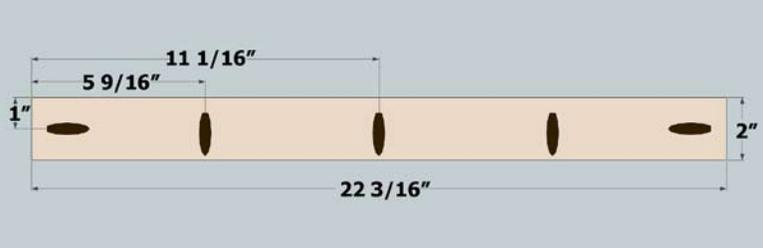


Figure L: Skirt/Kick Plates (x2)



- **Drill Pocket Holes in Skirt/Kick Plates.** See Figure L.

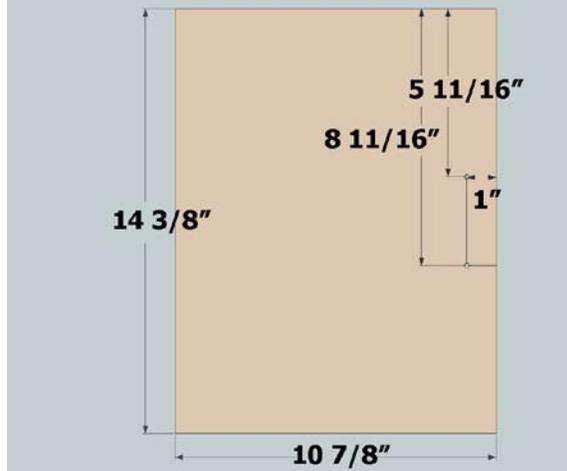
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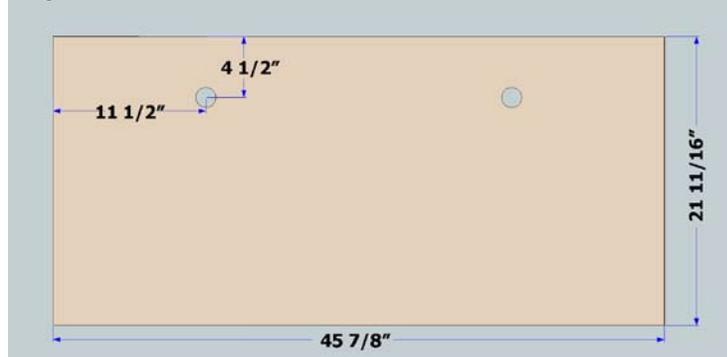
Figure M: Doors (x4)



- Choose 4 best sides of door pieces to face front. **Drill Holes in Doors for Handles/Pulls** accordingly. *Follow Manufacturer's Directions.* See suggested placement in Figure M.

- **Drill holes for hinges.** *Follow manufacturer's instructions.*

Figure N: Back Panel



- **OPTIONAL: Drill Holes in back panel as need for cord access.** See Figure N for suggested placement.

HDTV Stand - Instructions continued

Step 2 Apply Edgebanding*

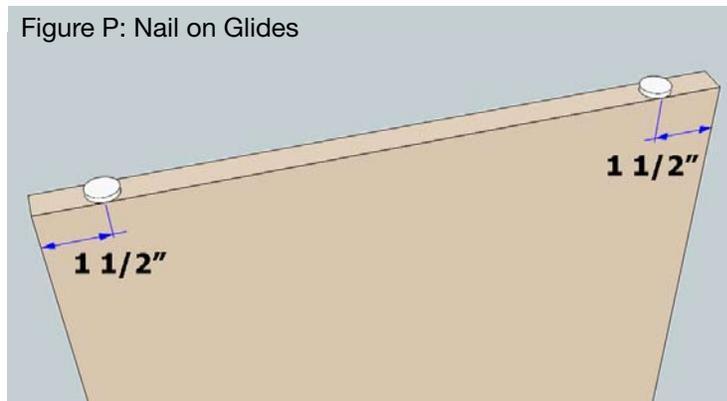
- Edgeband sides, corners and front of Top Surface
- Edgeband front and concave arc on Side & Center Support Panels
- Edgeband front edge only of all shelves (Top, Bottom and Interior)
- Edgeband all edges of Doors

*Follow Manufacturer's Instruction. See Figure O.

Figure O: Edgebanding



Figure P: Nail on Glides



Step 3 Assemble Components

1. Nail glides to bottom of side panels (left & right). See Figure P.

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HDTV Stand - Instructions continued

2. **Glue 1/4" Hardwood Dowels into Center & Side Support Panels leaving 1/2" or less exposed.** See Figure Q.

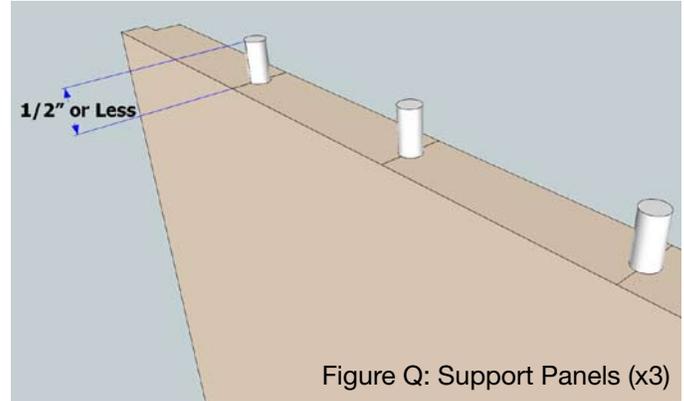
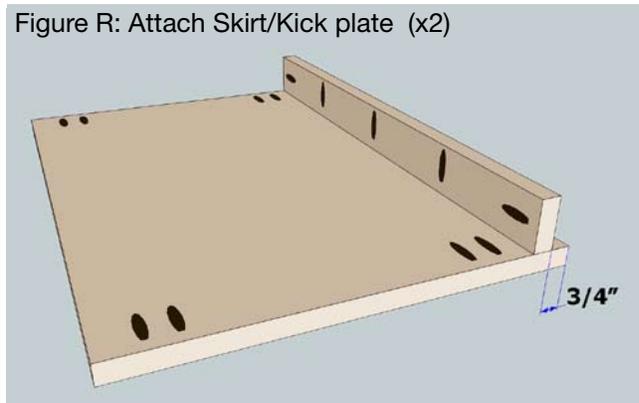


Figure Q: Support Panels (x3)

Figure R: Attach Skirt/Kick plate (x2)



3. **Glue and screw Skirt/Kick Plate to bottom of Bottom Shelf (repeat for second set).** See Figure R.

4. **Glue and screw Skirt/Shelf assembly created in step 3 to Left Side Panel.** See Figure S.

Figure S: Attach Skirt/Shelf Assembly to Side

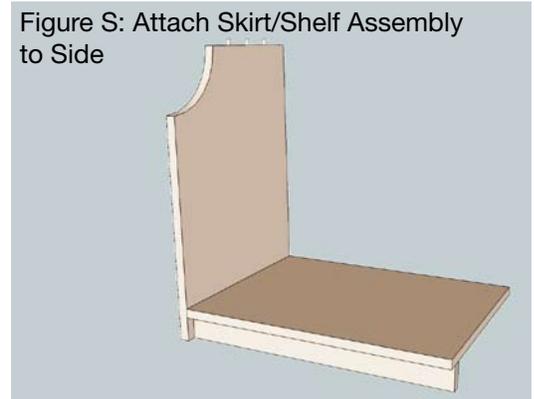
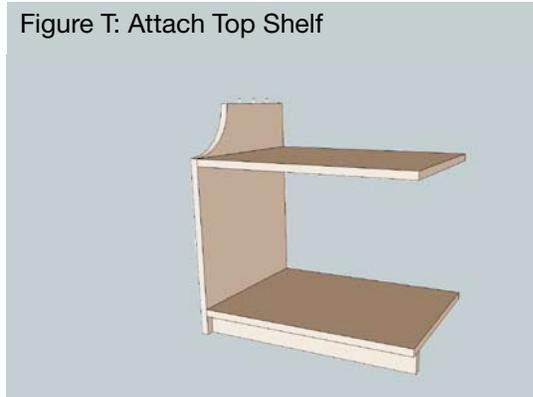


Figure T: Attach Top Shelf



5. **Glue and screw Top Shelf to Left Side Panel.** See Figure T.

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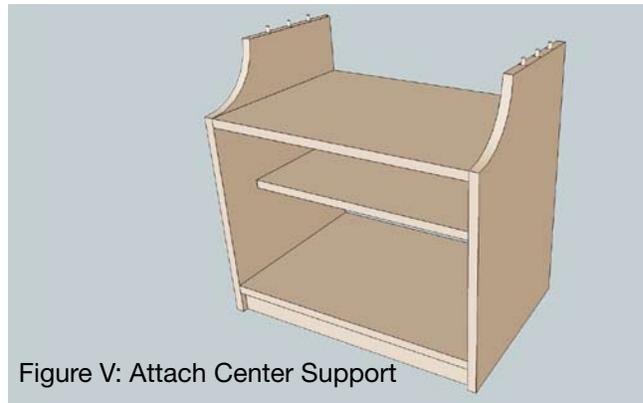
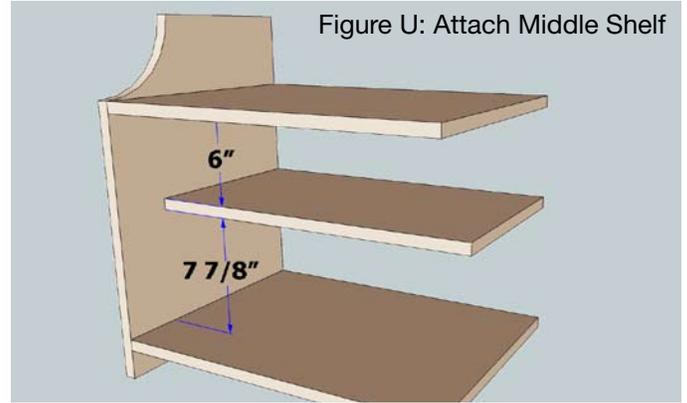
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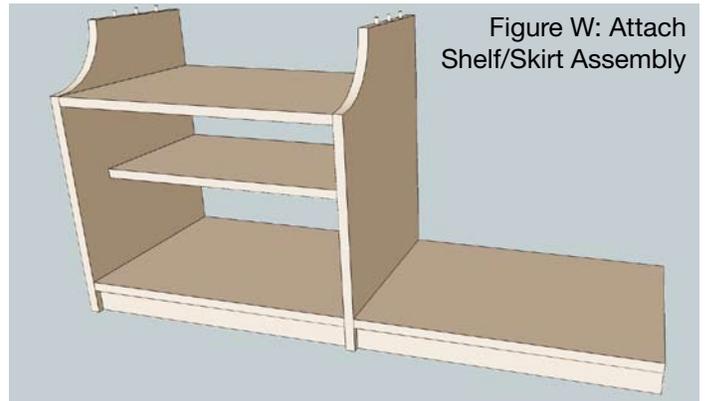
HDTV Stand - Instructions continued

6. Glue and screw Center Shelf to assembly at dimensions shown (Note: these dimensions provide clearance for standard DVD cases on the lower Shelf and CD Jewel Cases on Middle Shelf, however you may change these dimensions for your needs.) See Figure U.

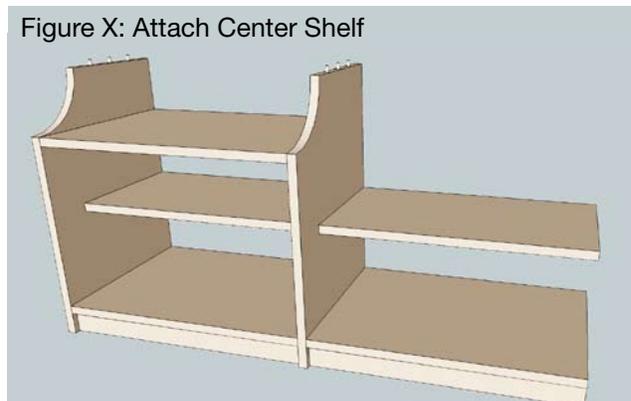


7. Glue and screw Center Support Panel. See Figure V.

8. Glue and screw Shelf/Skirt assembly created in step 3. See Figure W.



9. Glue and screw Center Shelf. See Figure X.



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10. Glue and screw Top Shelf. See Figure Y.

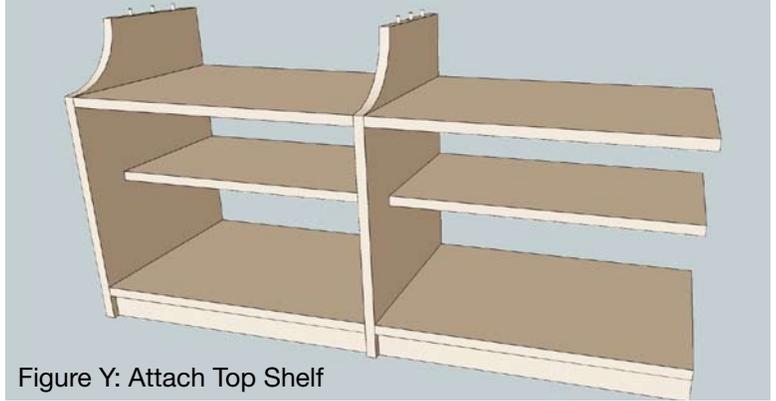


Figure Y: Attach Top Shelf

11. Glue and screw Right Side Panel. See Figure Z.

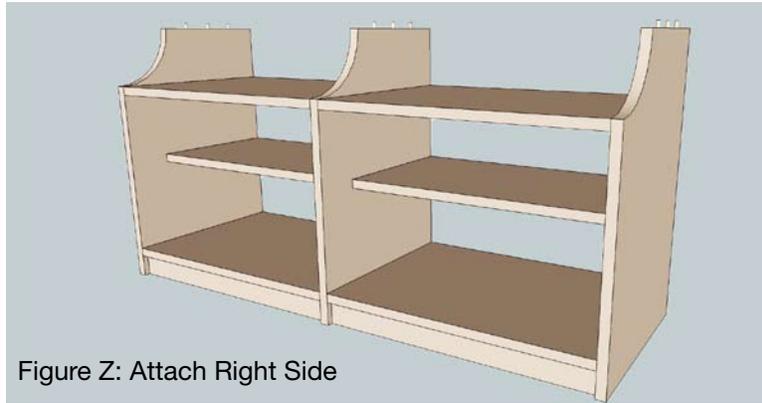


Figure Z: Attach Right Side

12. Dry Fit Top to make sure all dowel holes align. See Figure AA.

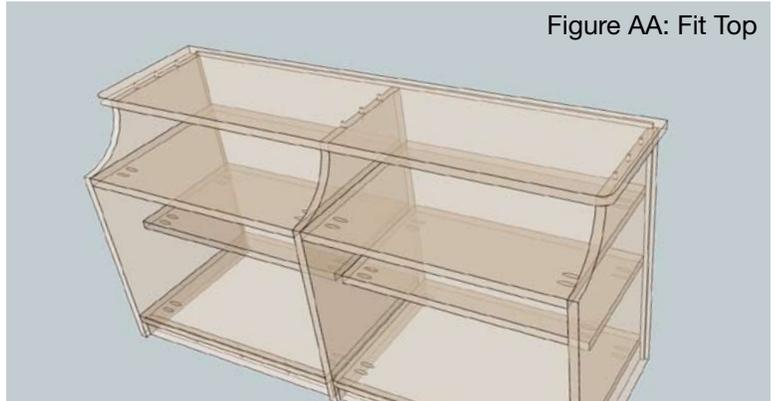
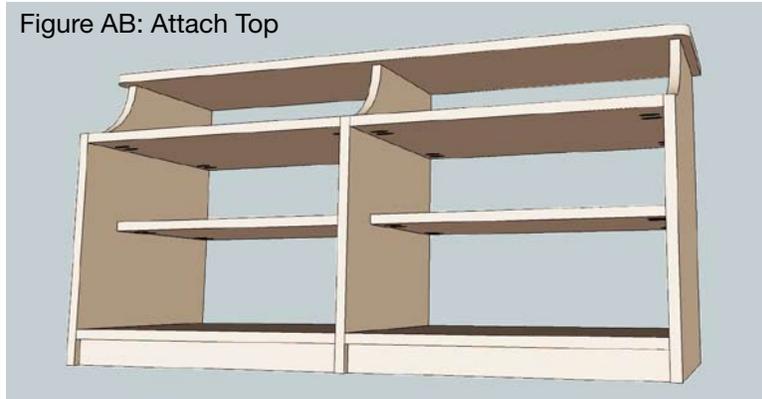


Figure AA: Fit Top

Figure AB: Attach Top



13. Apply glue to holes in Top and glue down. See Figure AB.

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HDTV Stand - Instructions continued

14. Glue and attach Back Panel with brads or small finishing nails. See Figure AC.

Figure AC: Attach Back

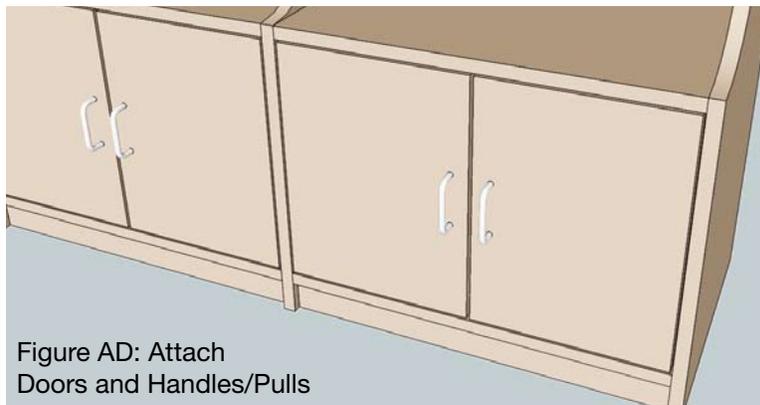
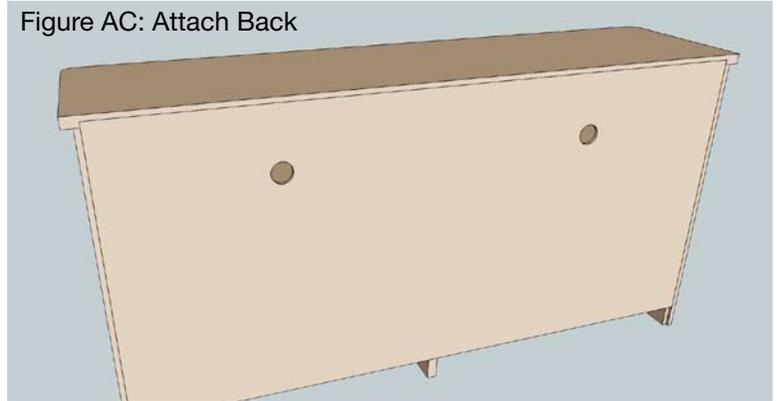


Figure AD: Attach Doors and Handles/Pulls

15. Attach hinges and doors. Follow Hinge Manufacturer's Instructions. See Figure AD. [Hinge doc available for download.](#)

16. Attach Handles/Pulls. Follow Manufacturer's Instructions. See Figure AD.

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Safety Precautions

- Read all of the instructions and materials list before cutting or assembling this TV stand.
- Improper assembly could result in damage to your TV or other property, or serious injuries. Columbia Forest Products is not liable for any damage or injury resulting from the assembly or use of this TV stand.
- Use caution when cutting. Make sure you are using an appropriate saw and blade, and follow all safety instructions provided by the saw manufacturer.
- Make sure that all hinges and other hardware you have selected are appropriate for the weight and dimensions of this TV stand and its intended use. If you are unsure about whether specific hinges or other hardware are appropriate consult a professional.
- This TV stand is heavy. To avoid injury, two or more people should work together when assembling or moving it.
- This stand should not be used for TVs or any other items larger than 46" or weighing more than 50 lbs.

Disclaimer of Liability and Warranties

The assembly plans for this TV stand are complete and accurate to the best of Columbia Forest Products' knowledge, and are provided free of charge. Columbia Forest Products disclaims any and all liability for injuries or damage resulting from the assembly or use of this TV stand, including any consequential damages. Anyone assembling or using this TV stand does so at their own risk.

Columbia Forest Products makes no warranty of any kind with respect to the assembly or use of this TV stand, and explicitly disclaims any Implied Warranty of Merchantability and/or Implied Warranty of Fitness for a Particular Purpose.

By downloading and/or following these plans, the user acknowledges that he or she has read and followed the Assembly Instructions and Safety Precautions.

Feedback line: info@cfpwood.com

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