DIY DOG CASKET

PROJECT OVERVIEW

HONEYBADGER WOODWORKS

- I tried my best to make this presentation which includes the SketchUp drawings, power point, and YouTube videos as detailed and comprehensive as possible for anyone wishing to build one of these.
- I understand that we all interpret information differently and questions might arise from those differences. Feel free to email me with any questions regarding this build at honeybadgerwoodworksllc@gmail.com
- If you are watching the accompanying YouTube how-to videos that go with this build I want to point out that in my shop I try to use what I have lying around, so if I have lumber that is a ¼ too small for example but it would work for the raised panel I still used it. In which case you might notice a few dimensions in the videos are different then the plans. Unless otherwise noted the dimensions in the plans thwart the dimensions in the videos.
- These dimensions are based on materials purchased in my geographic location, measured out with my tape measure, and cut with my calibrated tools. Please take that into consideration when building with any of these plans. The plywood I get might be a 1/32 thinner then the plywood you get. It would be impossible to account for all these minor discrepancies in these plans. But, it is important to be aware of them before you begin and make necessary adjustments.
- Lastly, the most important lesson in all of these plans will be the importance of squareness when building. I make sure all my pieces are square before moving onto the next step. Little pieces out of square compounded through 10 steps will throw off all your dimensions down the line and none of these measurements will line up.
- That is why I can not encourage you enough to avoid getting the cut list and trimming everything down to size as the first step. Cut things as you go and make adjustments if need be. I provide a rough outline of the steps I took to build this and interjecting the spots where I trimmed pieces to be able to make minor adjustments for differing sizes in stock, and discrepancies in squareness of objects.

It goes without saying you can build this project anyway you wish, I am including a rough layout of the steps I took to completion.

1. **Cut All Four Sides to Size** : The Dimensions are accurate enough to be able to cut all four sides to size without leaving room for trimming
2. **Cut Lap joint notches in all pieces**
3. **Mark and cut Dados and Rabbets** : Make sure to note the layout of the short and long sides, and orient the lap joint notches in the right direction before marking for all other cuts.
4. **Dry Fit Box** : Measure and cut base once sides are dry fit. Note a portion of the bottom of the dado on one piece of the short side will have to be removed to be able to get the base in place.
5. **Cut all the wing pieces** : With box dry fit together and base in place, measure and cut the 8 triangles, 4 short side, and 4 long side pieces that will frame out the shadow boxes.
6. **Glue box** : At this point making sure the base is in place glue all the sides together as well as all the wing pieces.
7. **Trim out Base** : I highly recommend watching the YouTube video to see how I cut all the moldings. I highly recommend AGAINST pre-cutting all the trim to the dimensions in the plans. I have those there solely for rough reference. Each piece will fit better if marked and custom cut to YOUR frame.
8. **Edge Band** : Edge band all exposed plywood edges.
9. **Start Top** : Rough cut the plywood top pieces intentionally leaving them over sized. Mark and cut the laps joints on all the edges and glue together. Once dry, rout the top using a flush trim bit so it is the exact same dimension as the base.

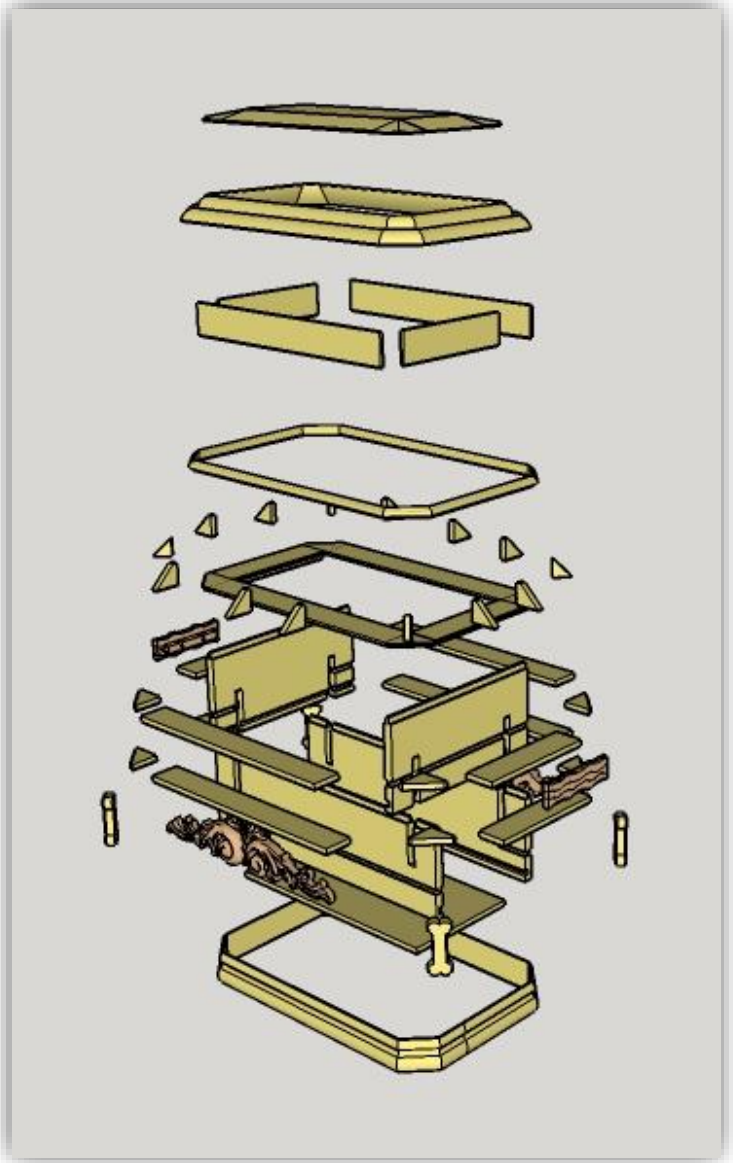
10. **Trim out the top** : Cut the 45 degree angle on the bottom of the molding to trim out the top. I highly recommend watching the YouTube video to see how I cut all the moldings. I highly recommend AGAINST pre-cutting all the trim to the dimensions in the plans. I have those there solely for rough reference. Each piece will fit better if marked and custom cut to YOUR frame. Table Saw blade was at a 15 degree tilt, and guides where set to 74 degrees to make these cuts.
11. **Add 45's to underside of top molding**
12. **Trim out rope molding** : I highly recommend watching the YouTube video to see how I cut all the moldings. I highly recommend AGAINST pre-cutting all the trim to the dimensions in the plans. I have those there solely for rough reference. Each piece will fit better if marked and custom cut to YOUR frame.
13. **Start Raised Panel** : Cut stock to rough size and glue panels for the top. When dry sand flat. Lay on top of casket and mark final dimension, and cut down to final size.
14. **Cut Bevels** : Cut raised panel bevels (I cut mine at 12 degrees) using a tall fence attachment for my table saw
15. **Cut and Add Inner Lid Pieces**
16. **Glue Raised Panel in Place**
17. **Decorate Shadow Boxes** : what the YouTube video to see how I decorate the shadow boxes on my casket, but this design is left open to customize those spaces to taste.
18. **Finish with Boil Linseed Oil**

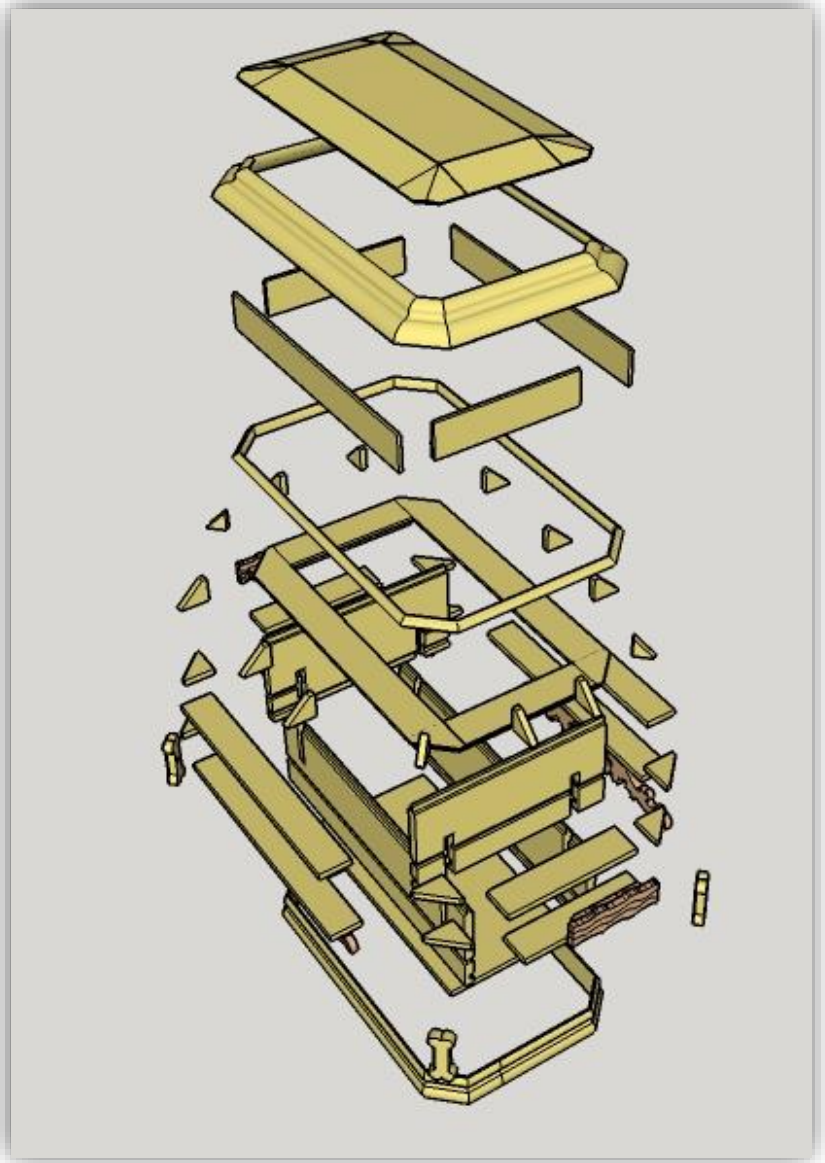
YouTube Links : As I have already stated multiple times, I do believe a DIYer capable of executing this build, but it is a complex build. I recommend watching the YouTube How-To before starting this build, especially if you are a beginner woodworker. It fully describes the process, cuts, and angles needed to get to the final product.

Part One : https://youtu.be/p9WZMd0SIp0

Part Two : https://youtu.be/p_3QnBtRY4A

Part Three : https://youtu.be/tmEZkLNUCy4

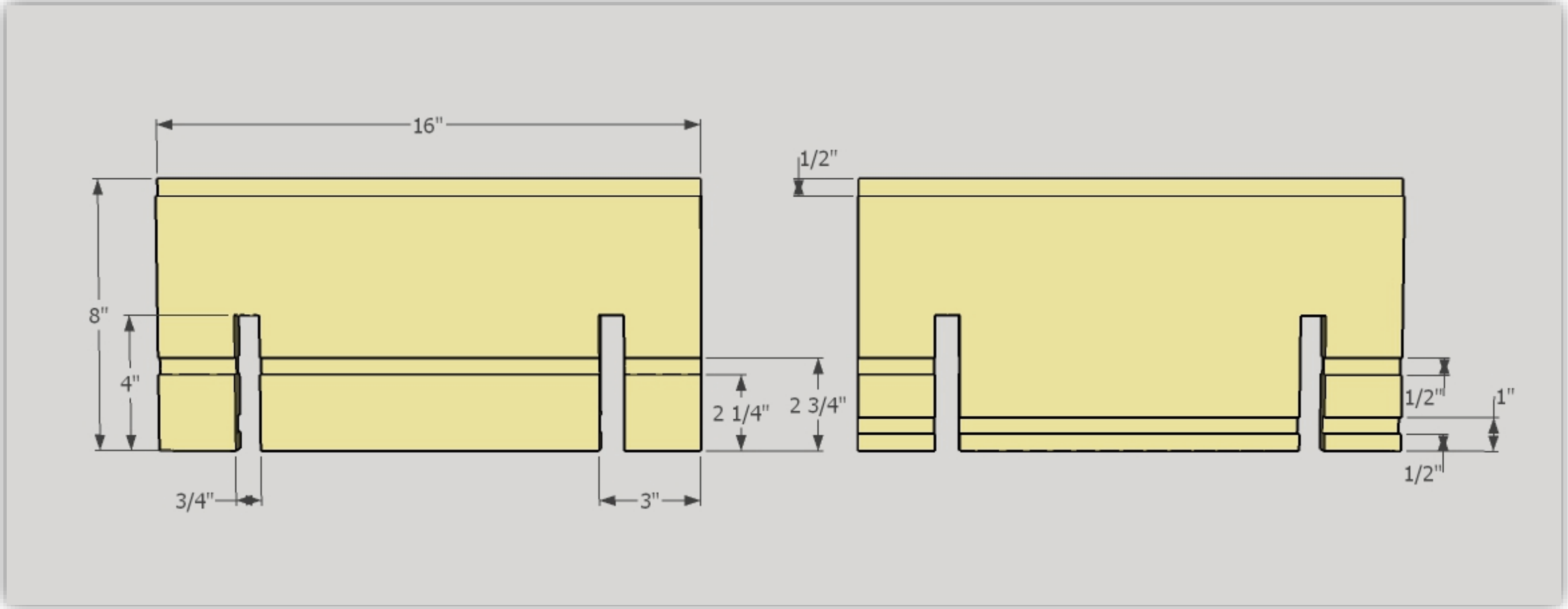




DIY DOG CASKET

EXPLODED VIEW

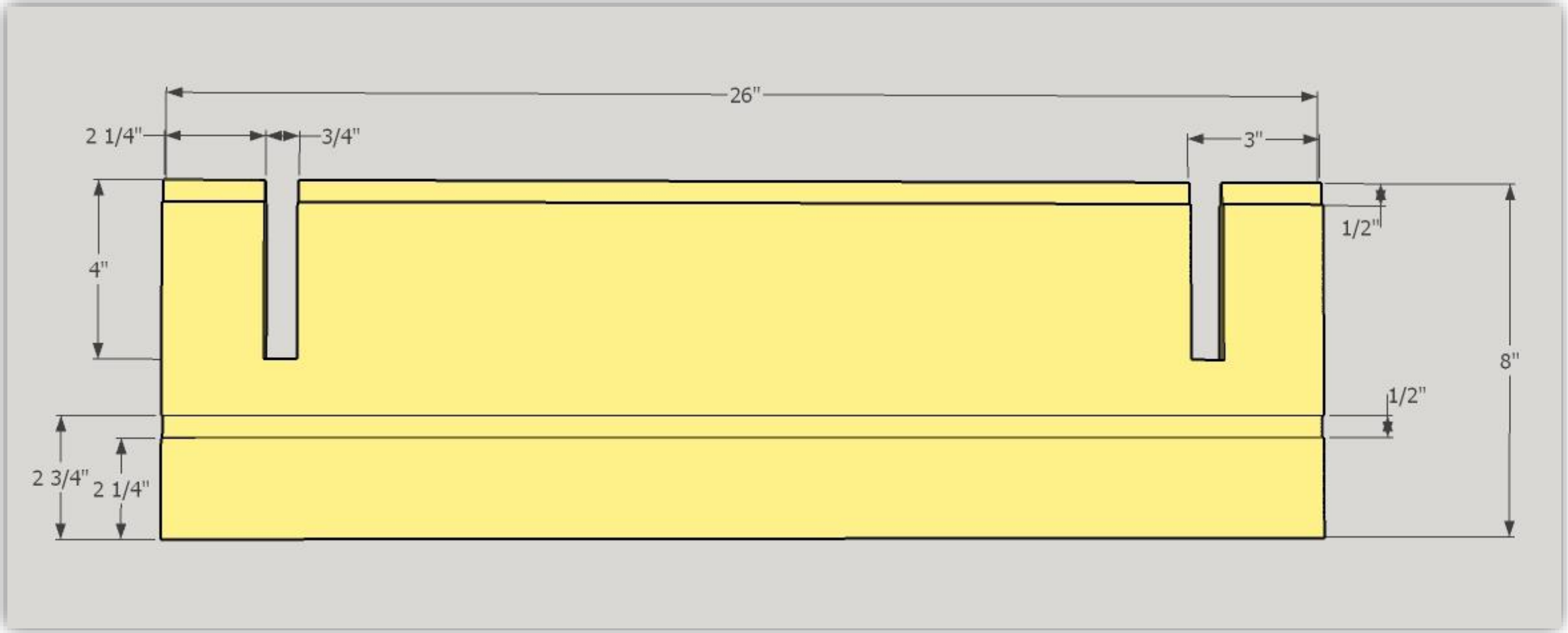
HONEYBADGER WOODWORKS



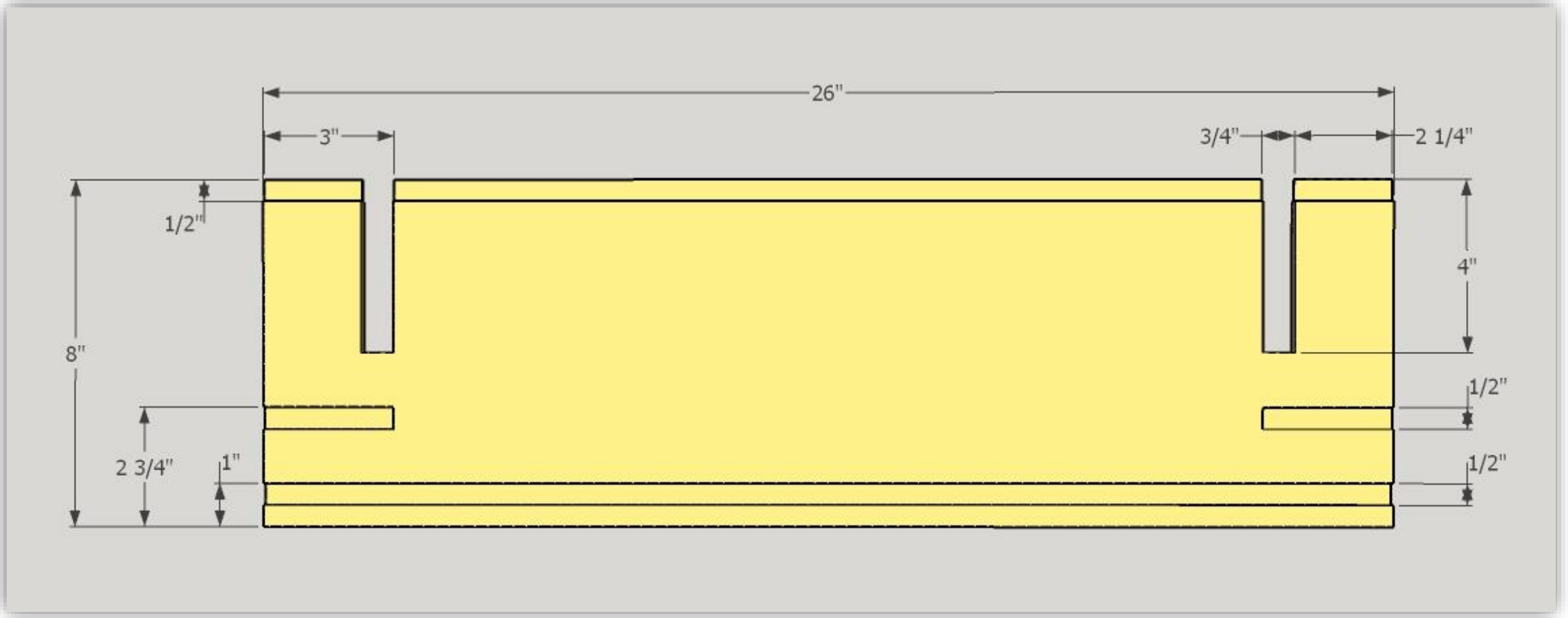
DIY DOG CASKET

DIMENSIONS FOR SHORT SIDE OF CASKET

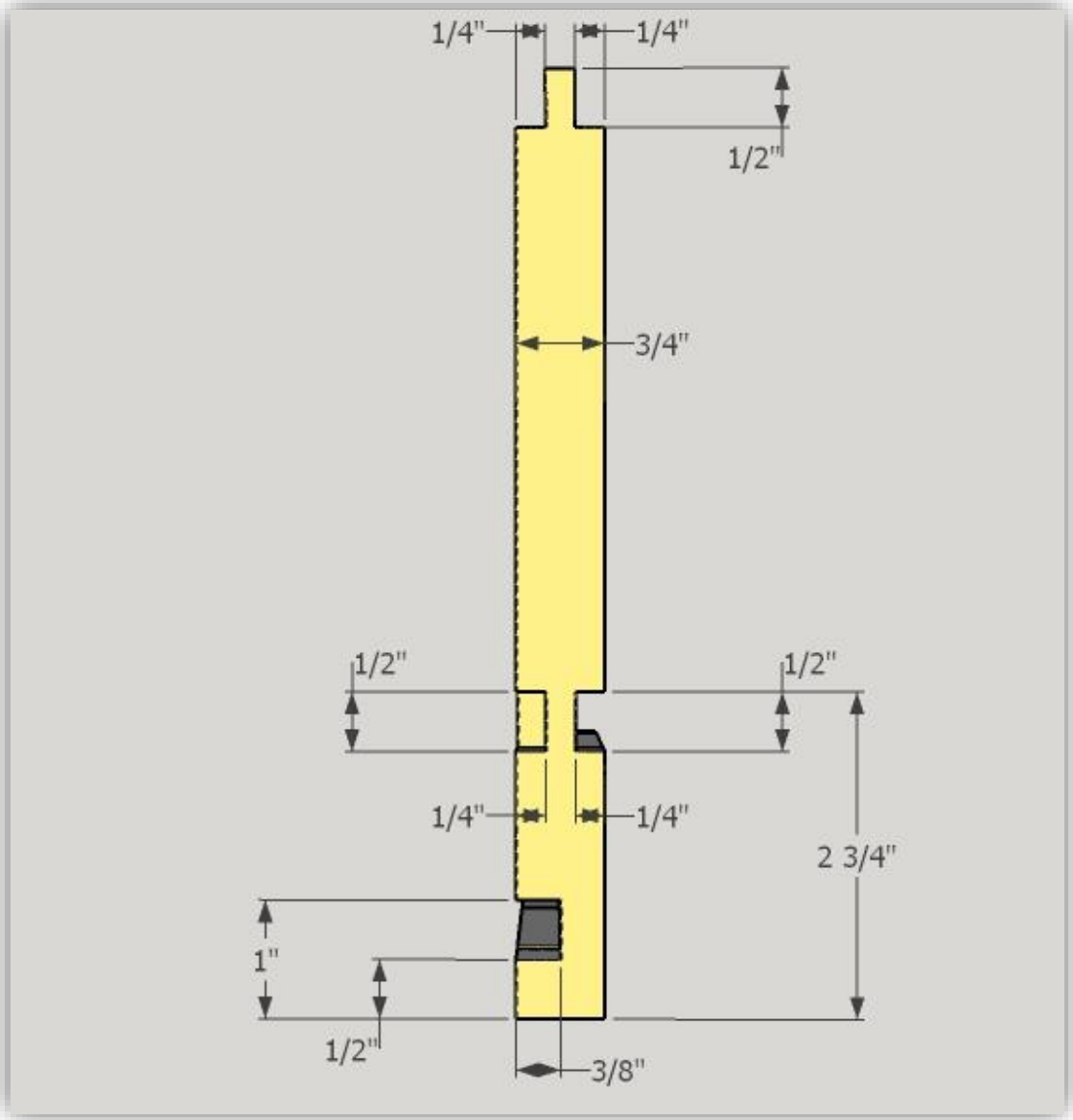
HONEYBADGER WOODWORKS



DIY DOG CASKET	DIMENSIONS FOR LONG SIDE OF CASKET	HONEYBADGER WOODWORKS



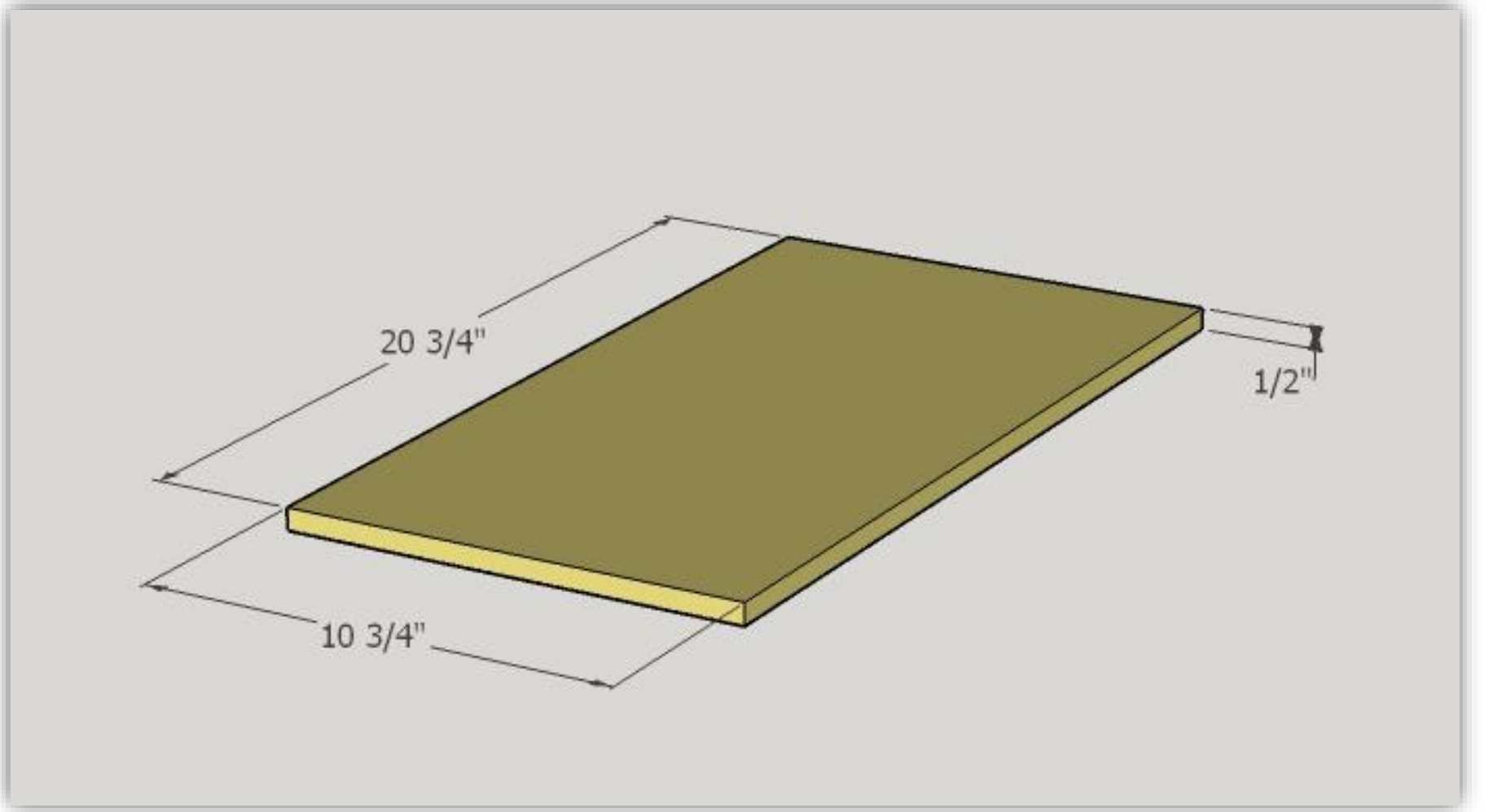
DIY DOG CASKET	DIMENSIONS FOR LONG SIDE OF CASKET	HONEYBADGER WOODWORKS



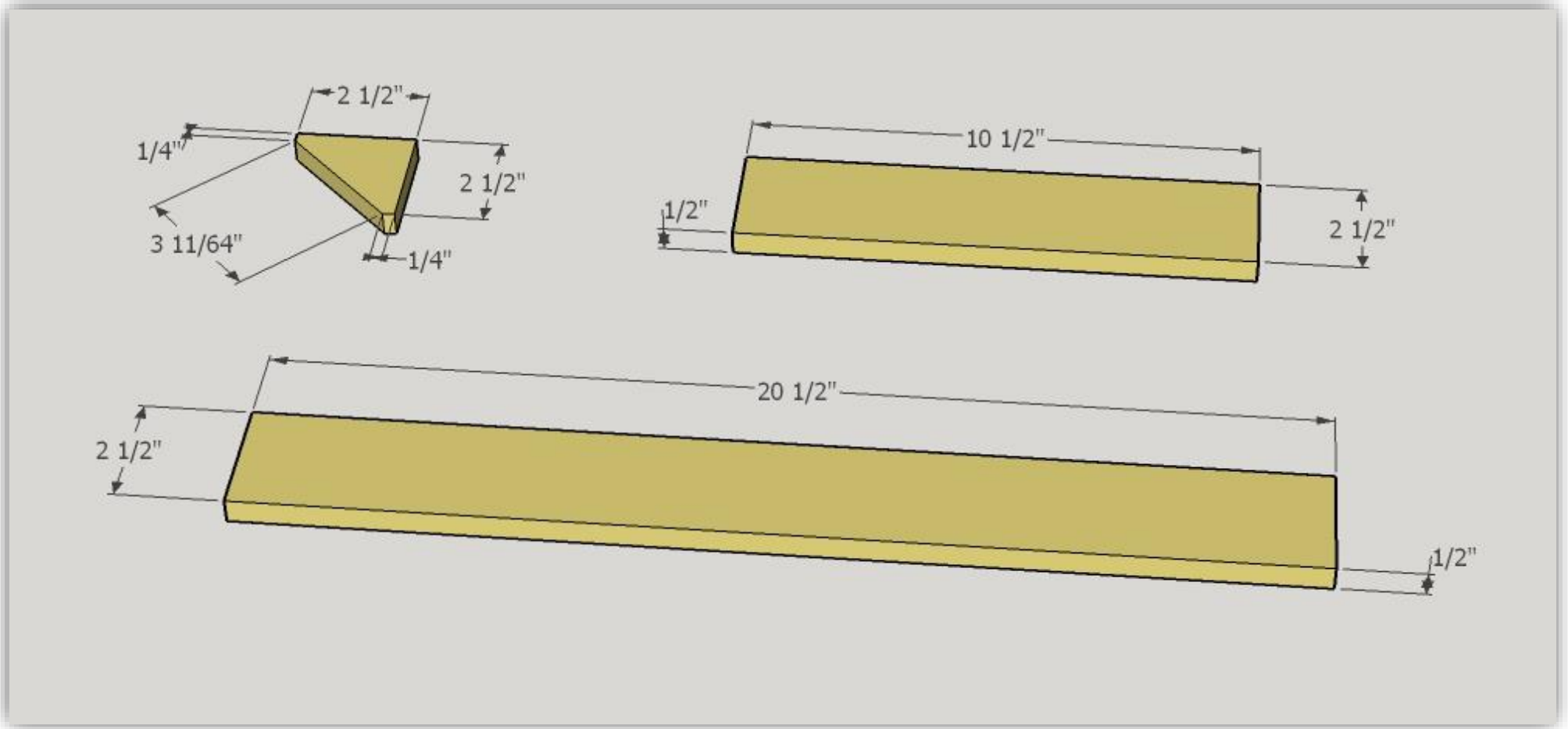
DIY DOG CASKET

DIMENSION DETAIL OF RABBET AND DADO CUTS

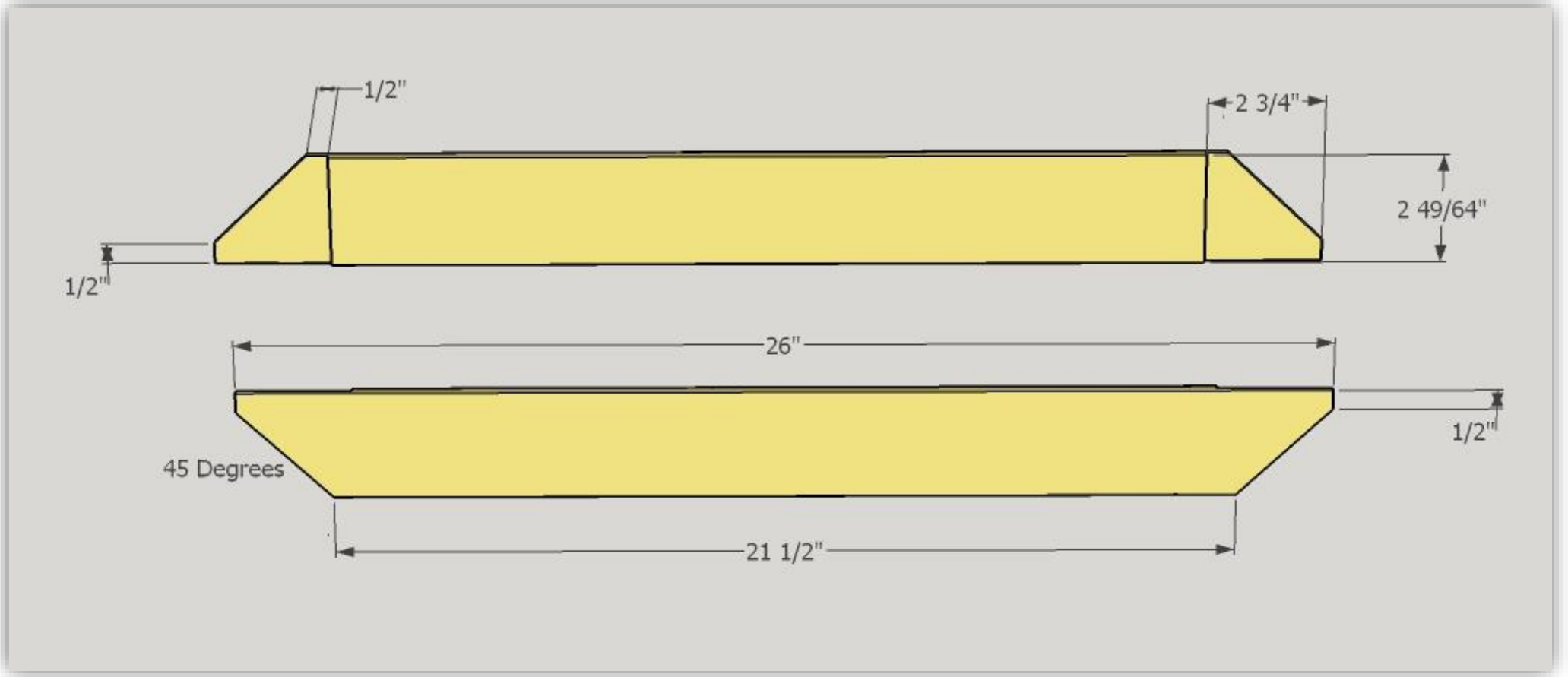
HONEYBADGER WOODWORKS



DIY DOG CASKET	DIMENSIONS FOR CASKET BOTTOM	HONEYBADGER WOODWORKS



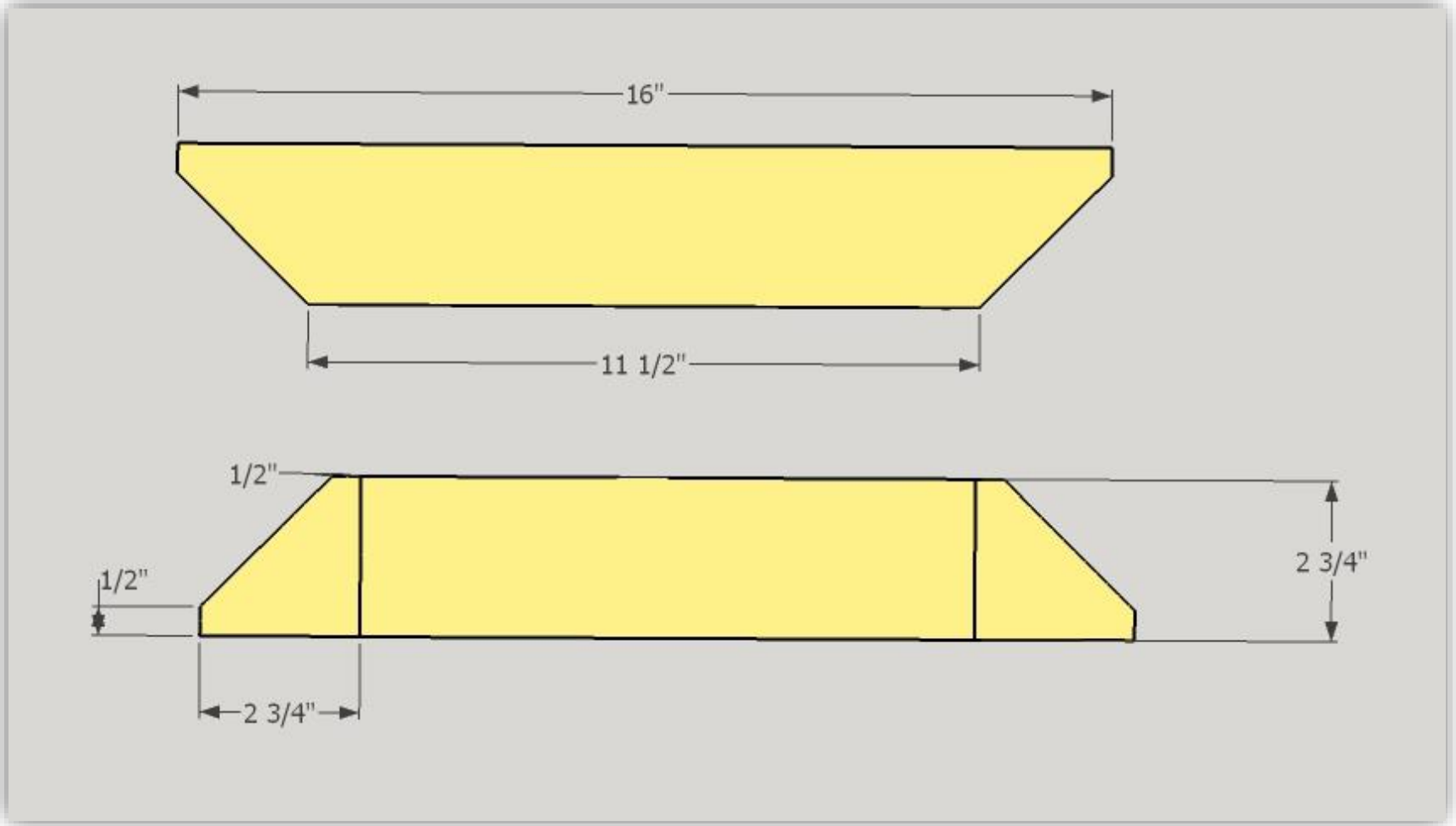
DIY DOG CASKET	DIMENSIONS FOR ALL THE WING PIECES THAT MAKE THE SHADOW BOXES. 8- TRIANGES, 4 SHORT WINGS, 4 LONG WINGS	HONEYBADGER WOODWORKS



DIY DOG CASKET

DIMENSIONS FOR LONG ENDS OF ¼ TOP
RECOMMEND ROUTING THESE TO SIZE

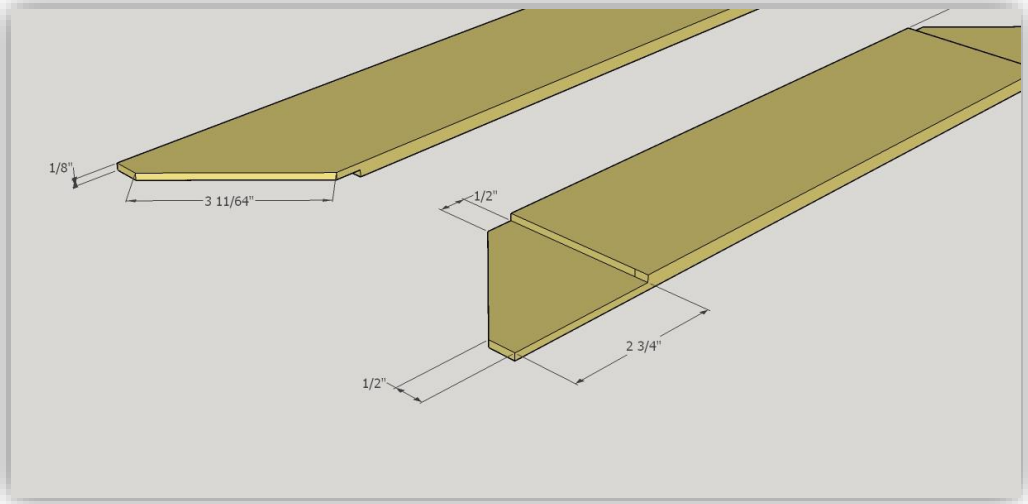
HONEYBADGER WOODWORKS

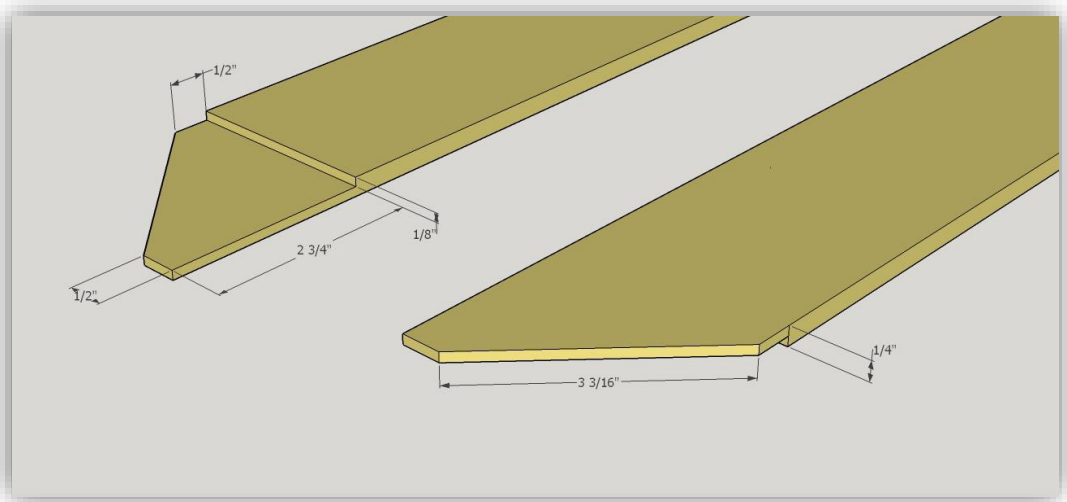


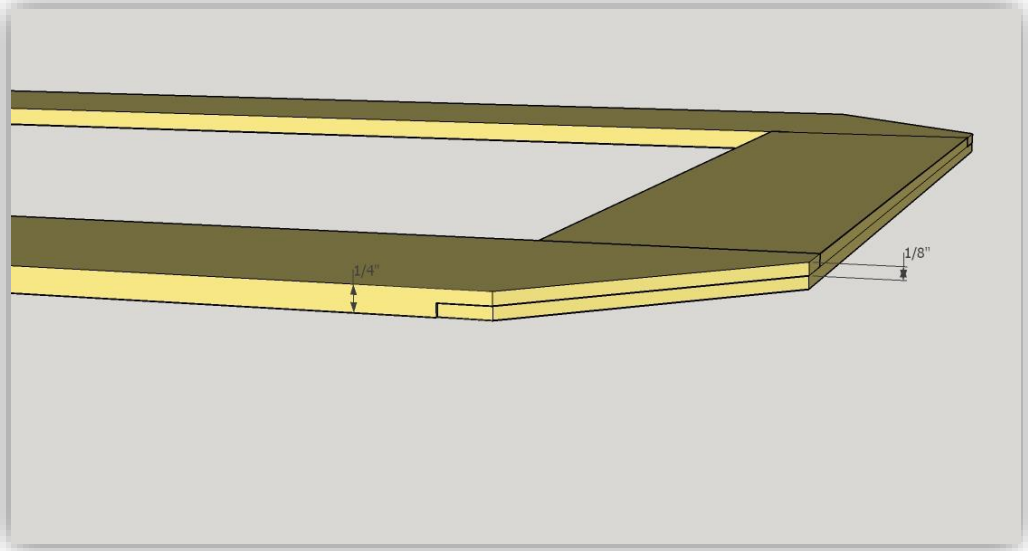
DIY DOG CASKET

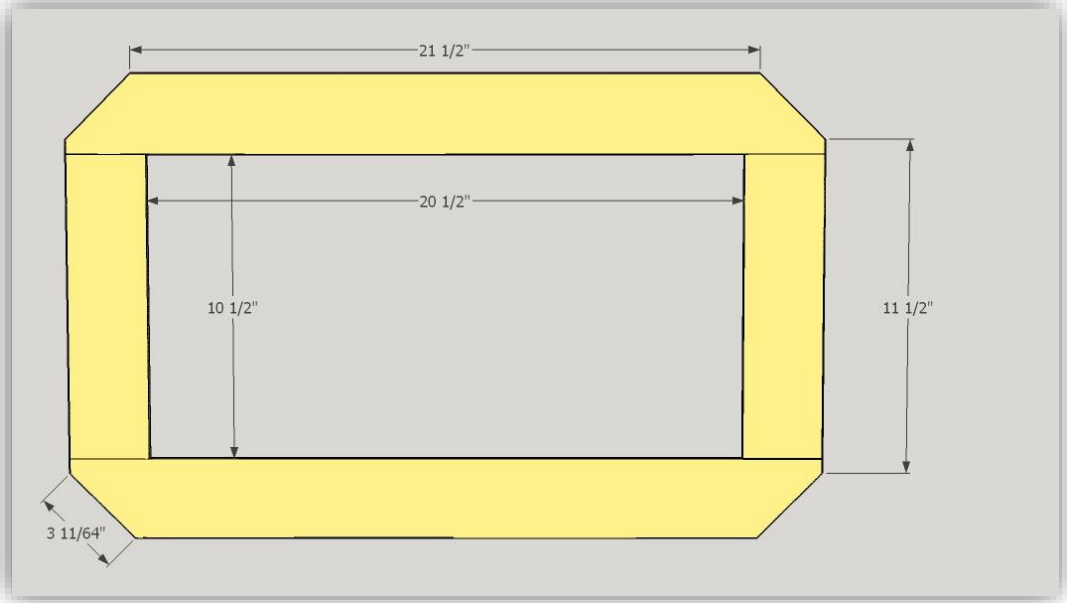
DIMENSIONS FOR SHORT ENDS OF ¼ TOP
RECOMMEND ROUTING THESE TO SIZE

HONEYBADGER WOODWORKS





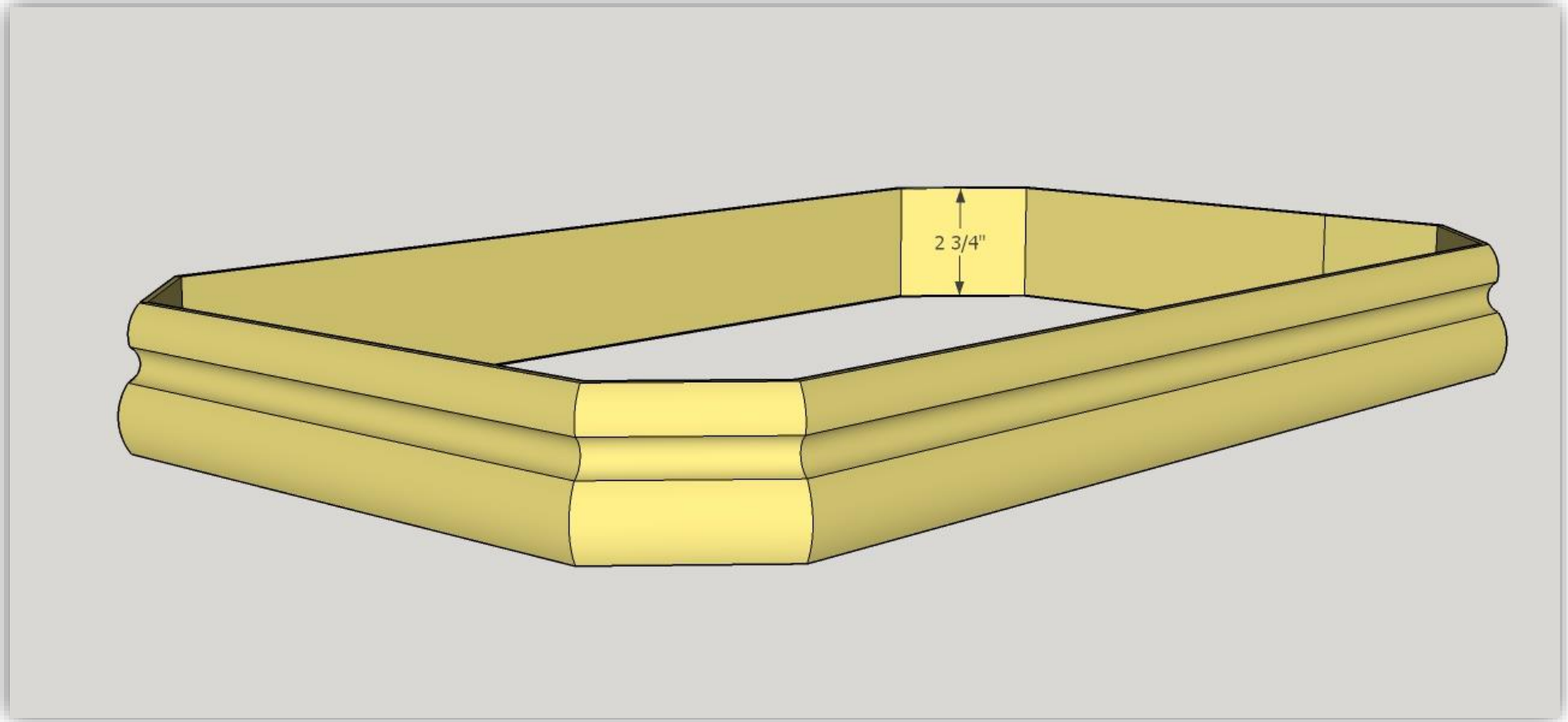




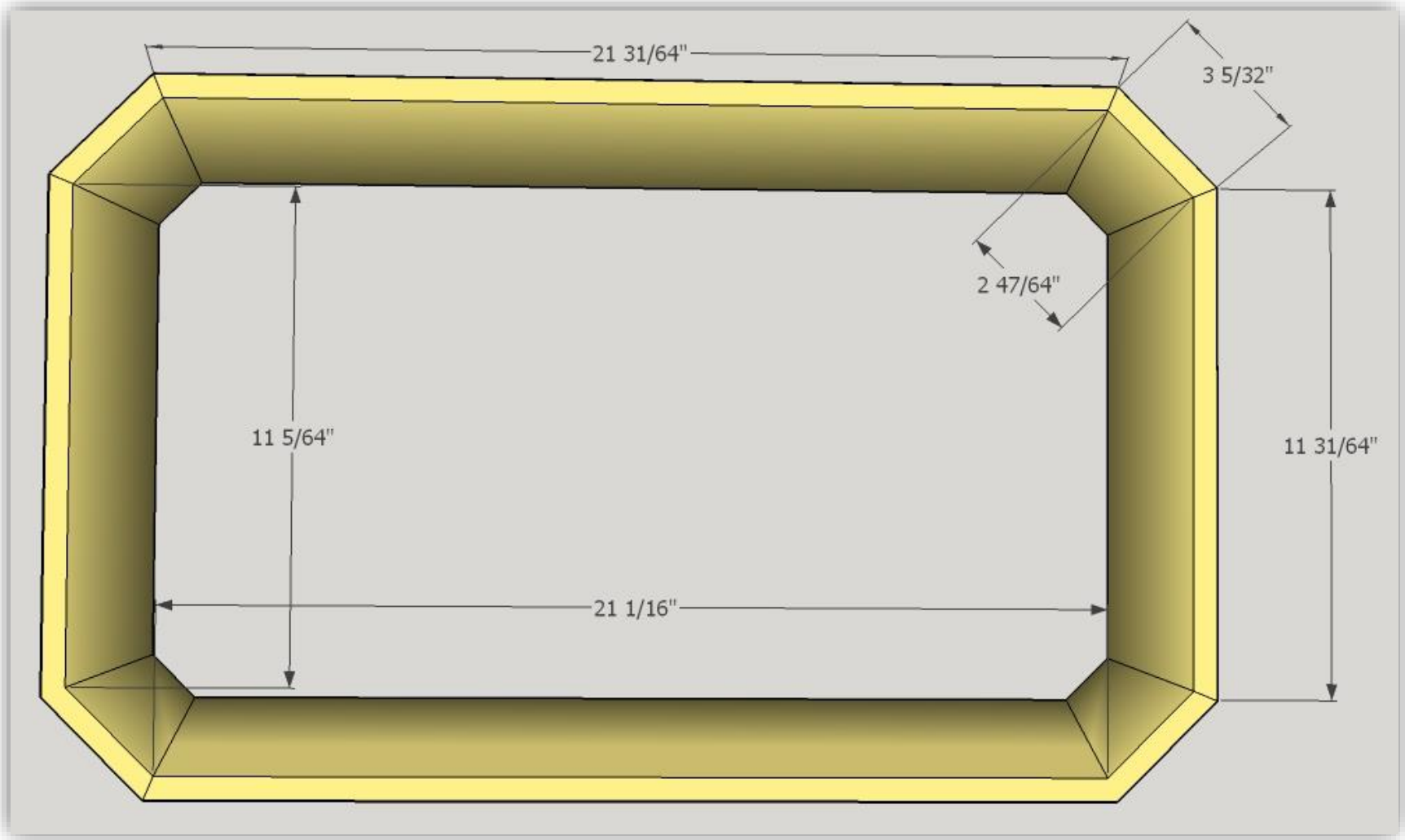
DIY DOG CASKET

DETAIL DIMENSIONS OF LAP JOINTS & FINAL TOP

HONEYBADGER WOODWORKS



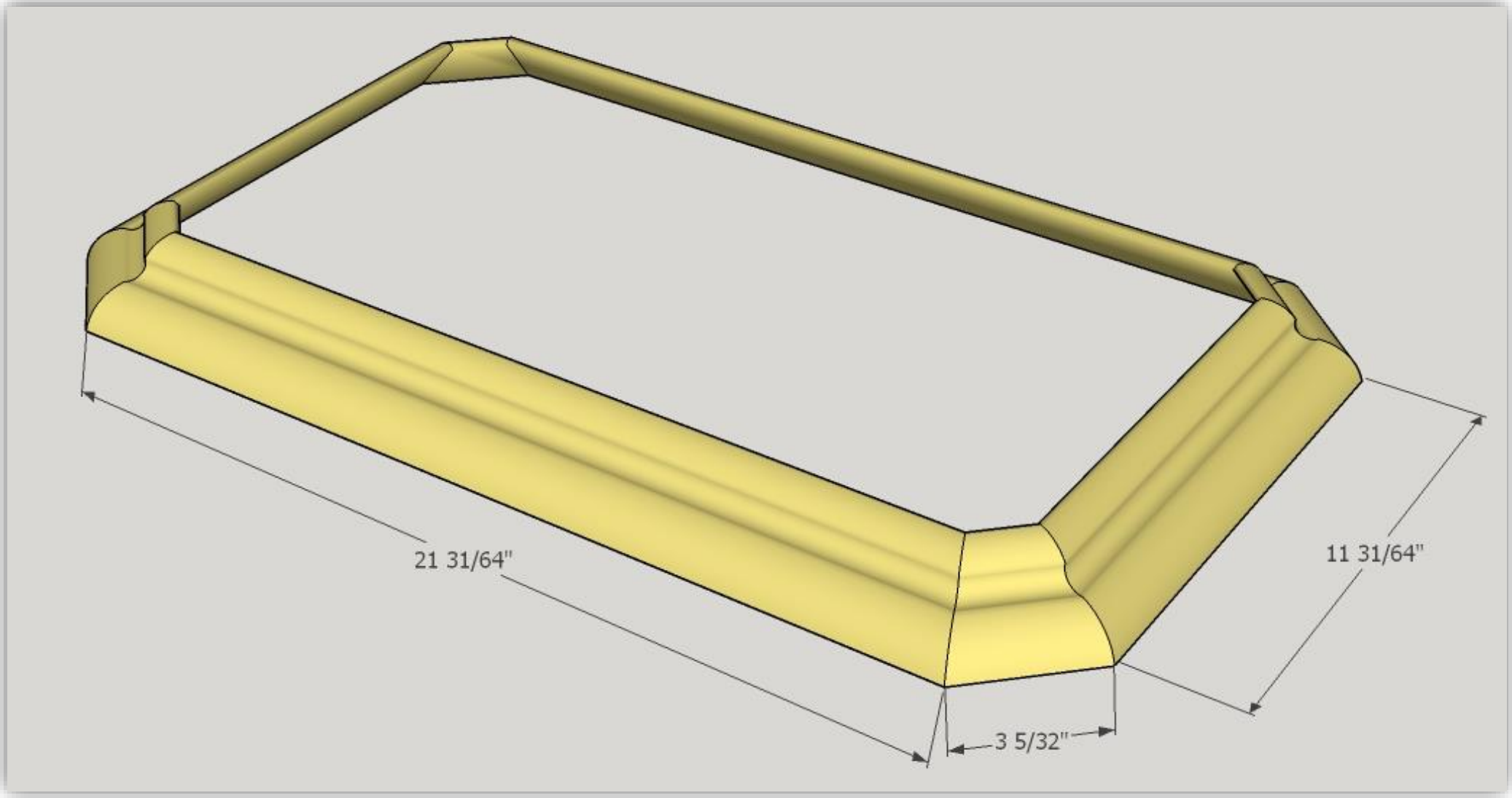
DIY DOG CASKET	LAYOUT OF MOLDED BASE RECOMMEND CUTTING EACH PIECE AS YOU GO	HONEYBADGER WOODWORKS



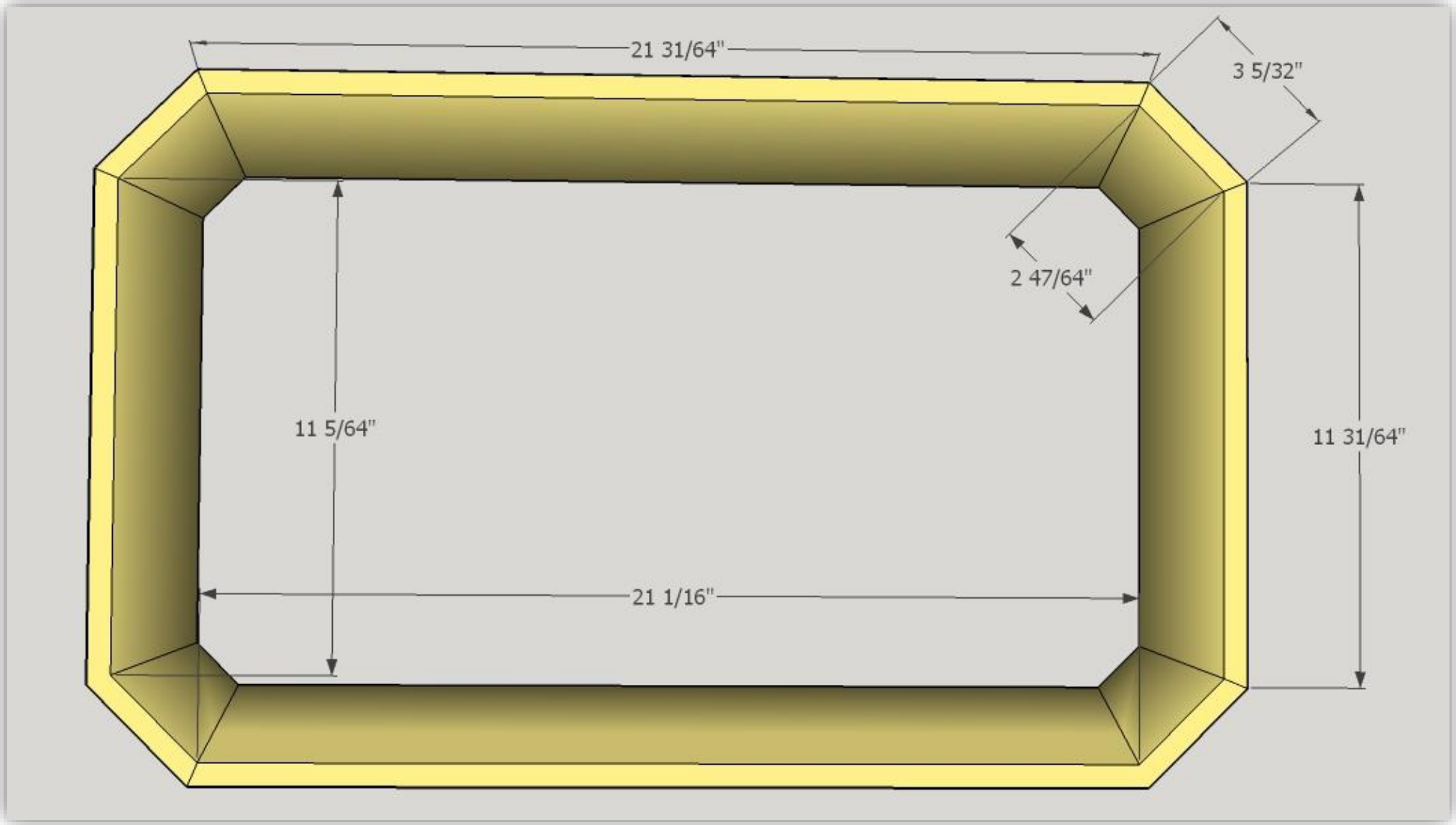
DIY DOG CASKET

DIMENSIONS OF MOLDED BASE
RECOMMEND CUTTING EACH PIECE AS YOU GO

HONEYBADGER WOODWORKS



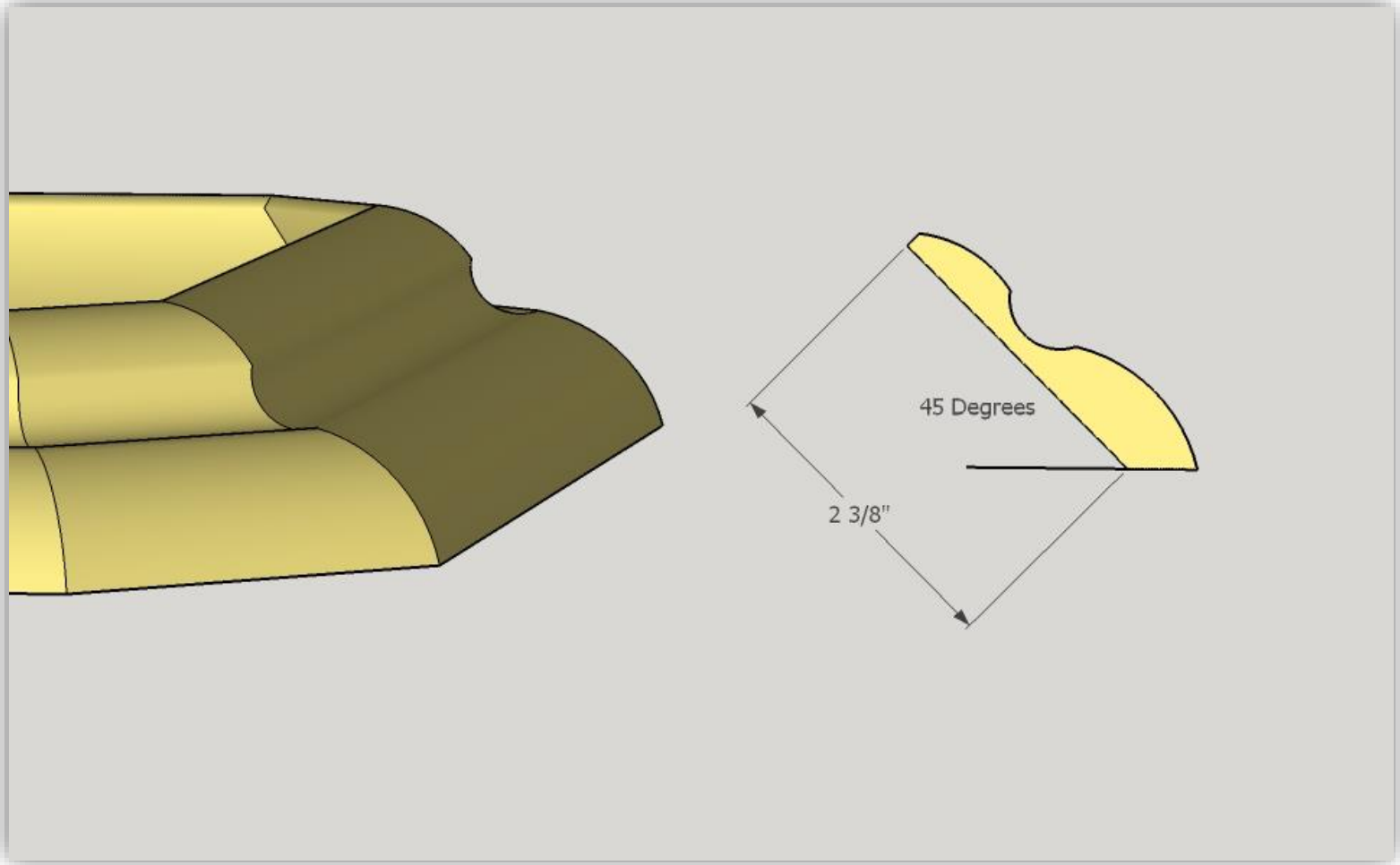
DIY DOG CASKET	LAYOUT OF MOLDED TOP RECOMMEND CUTTING EACH PIECE AS YOU GO	HONEYBADGER WOODWORKS



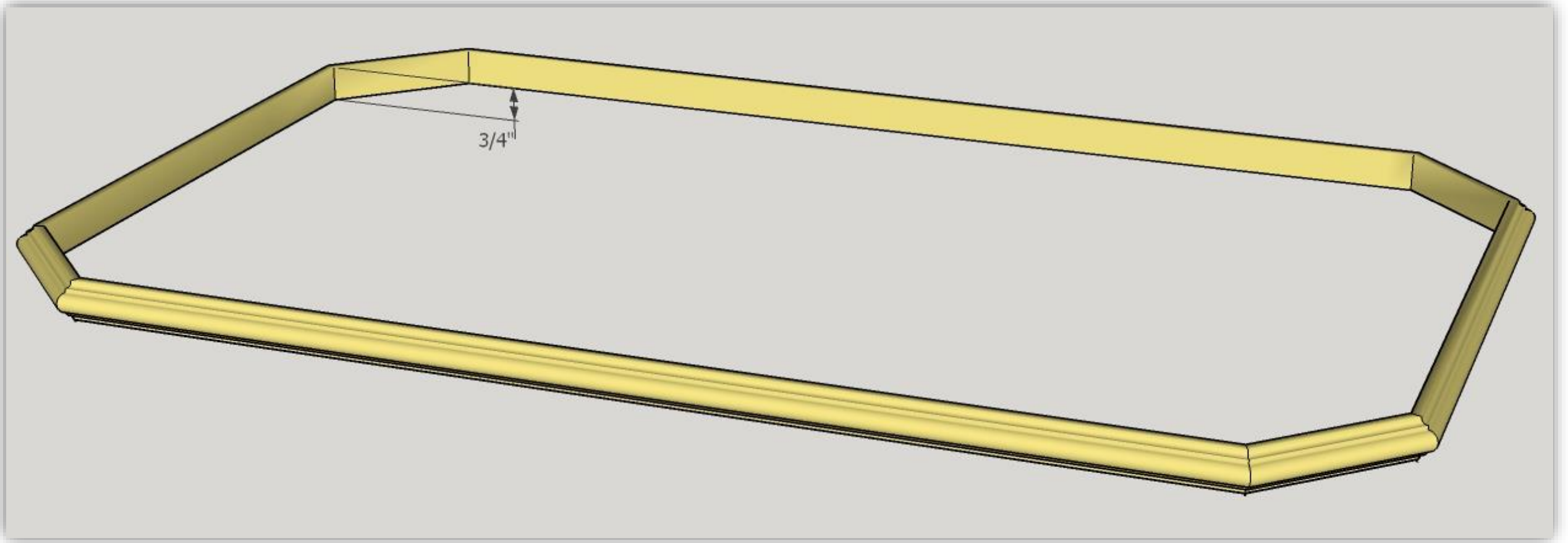
DIY DOG CASKET

DIMENSIONS OF MOLDED TOP
RECOMMEND CUTTING EACH PIECE AS YOU GO

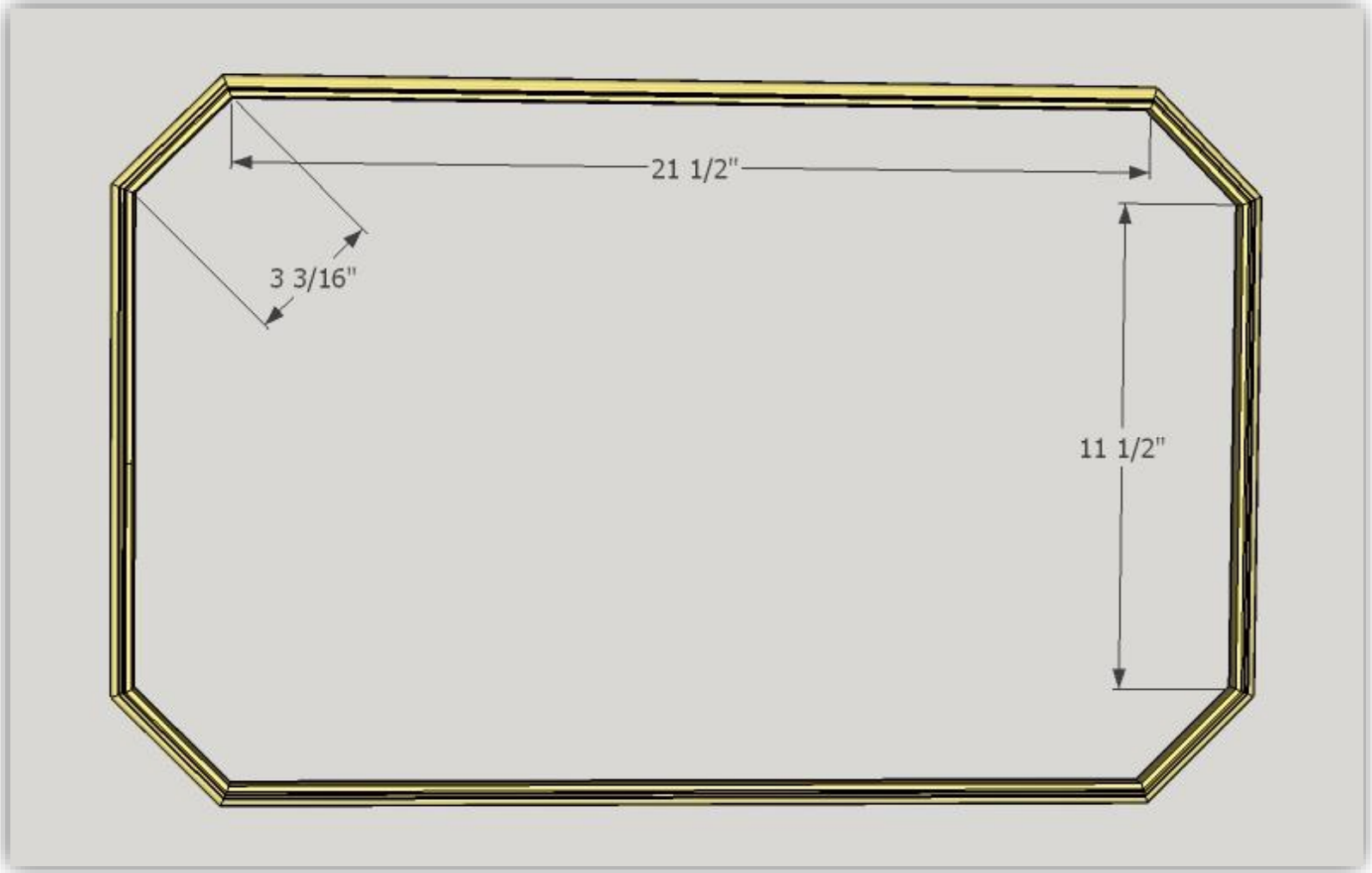
HONEYBADGER WOODWORKS



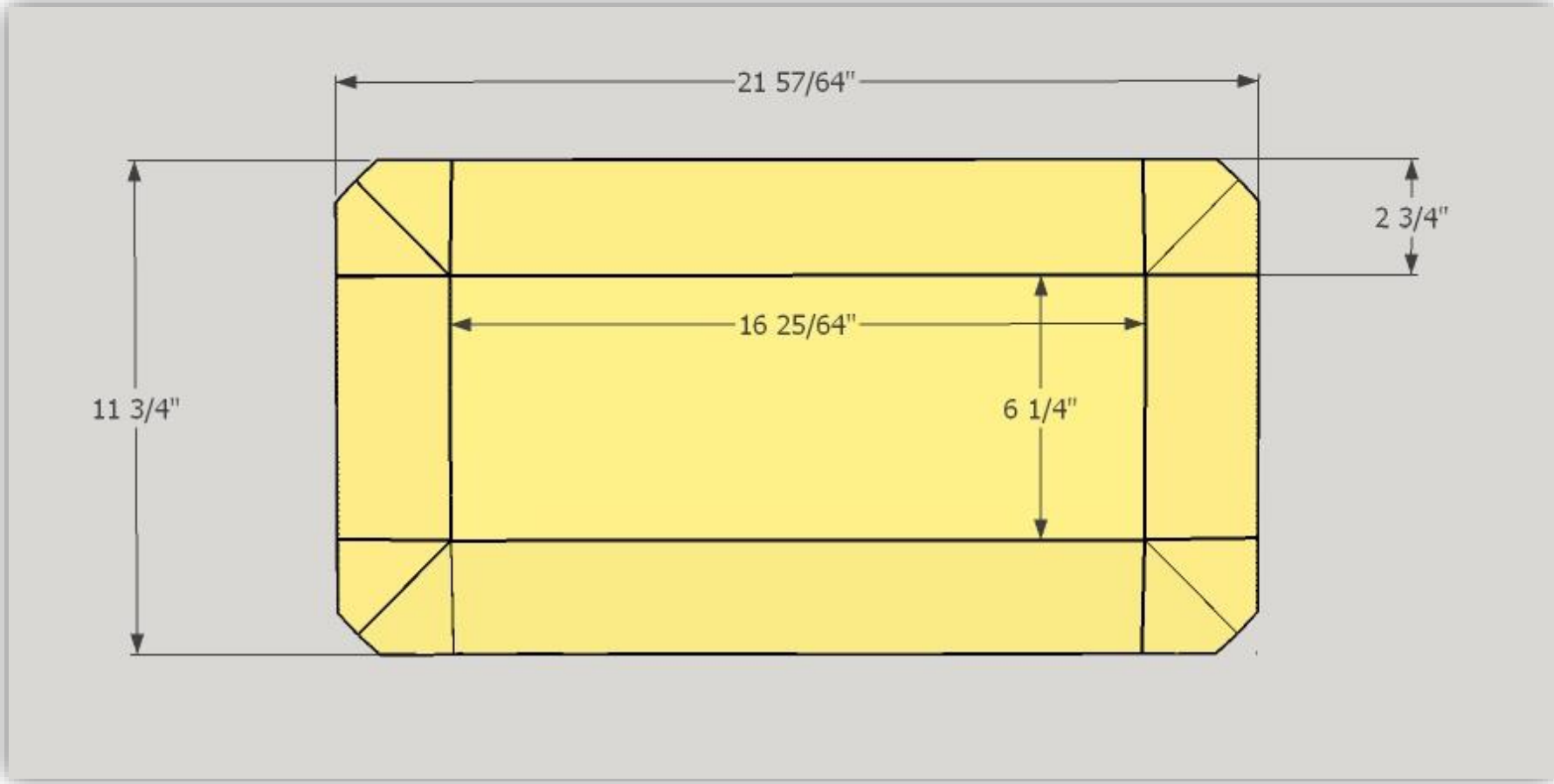
DIY DOG CASKET	DIMENSION DETAIL OF 45 DEGREE CUT TO MAKE TOP MOLDING	HONEYBADGER WOODWORKS



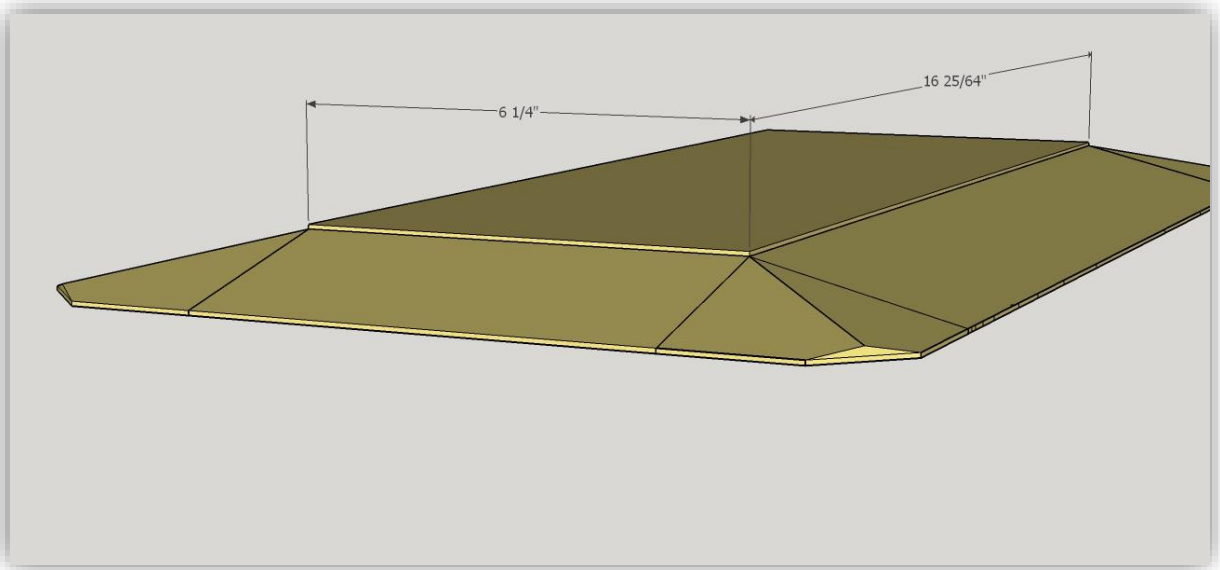
DIY DOG CASKET	LAYOUT OF ROPE MOLDING RECOMMEND CUTTING EACH PIECE AS YOU GO	HONEYBADGER WOODWORKS

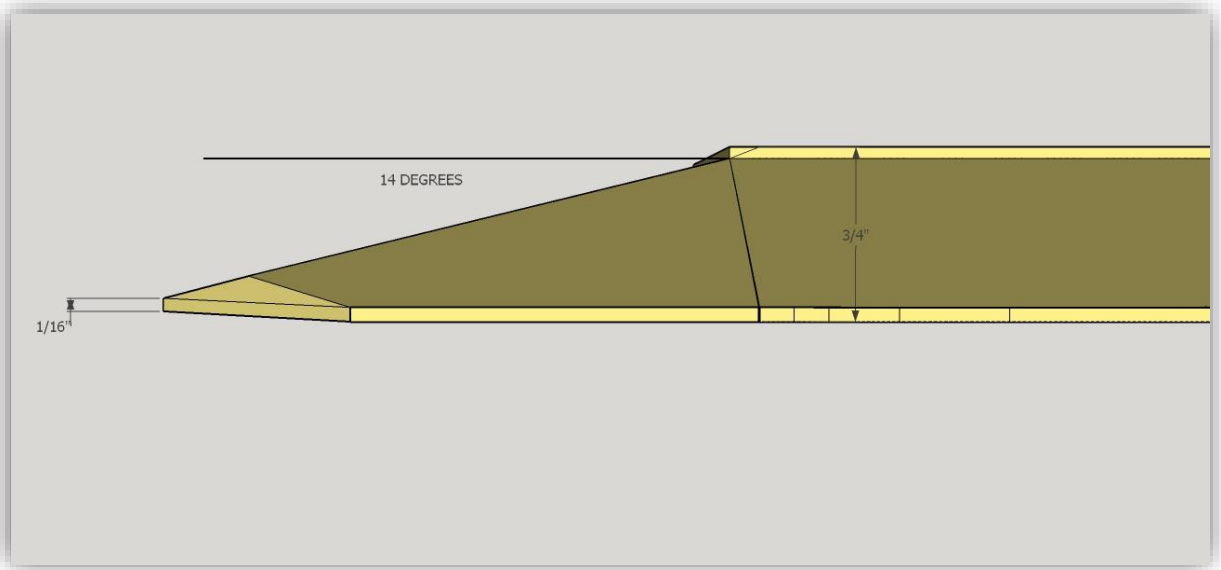


DIY DOG CASKET	DIMENSIONS OF ROPE MOLDING RECOMMEND CUTTING EACH PIECE AS YOU GO	HONEYBADGER WOODWORKS



DIY DOG CASKET	LAYOUT OF RAISED PANEL TOP	HONEYBADGER WOODWORKS

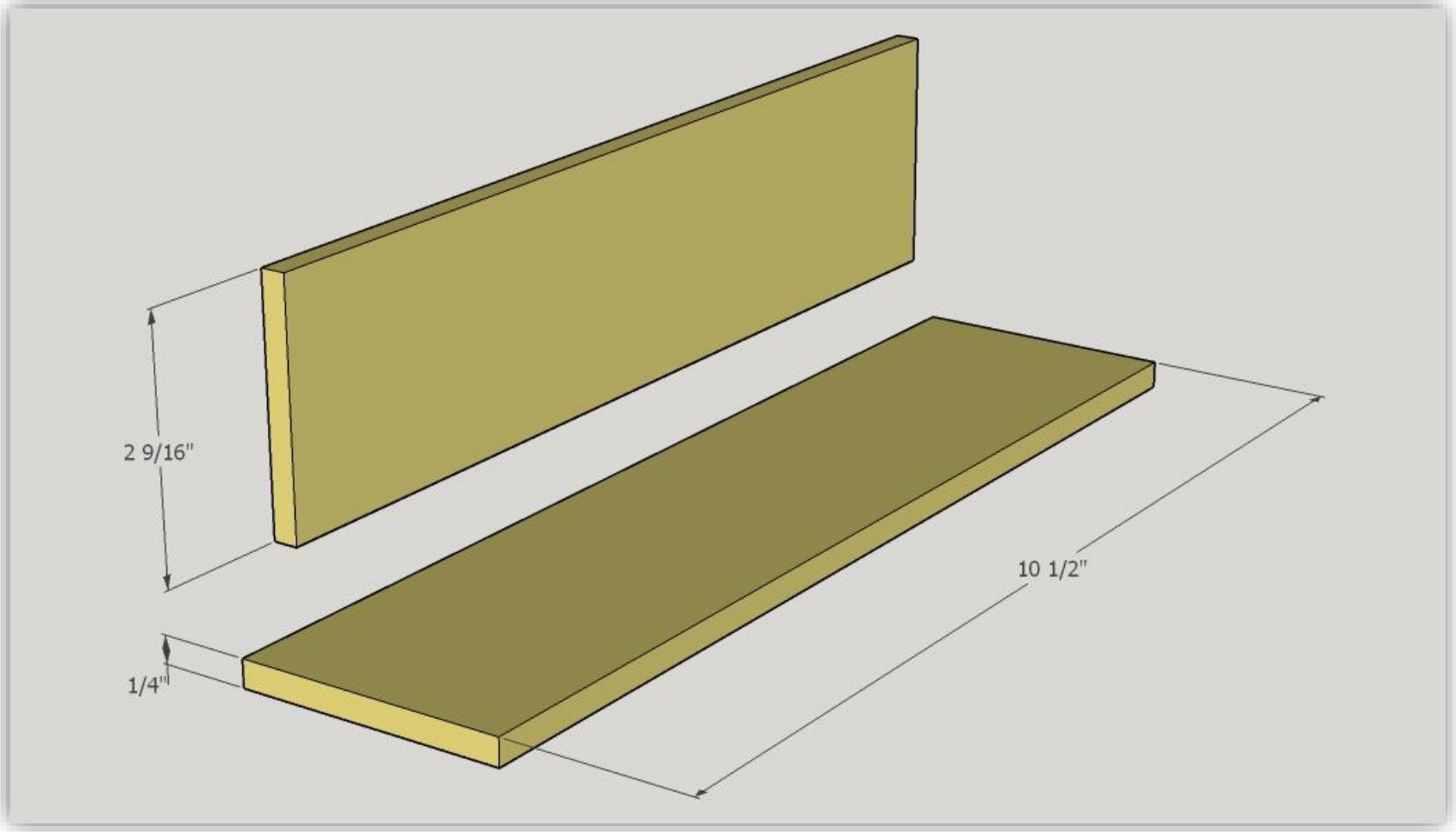




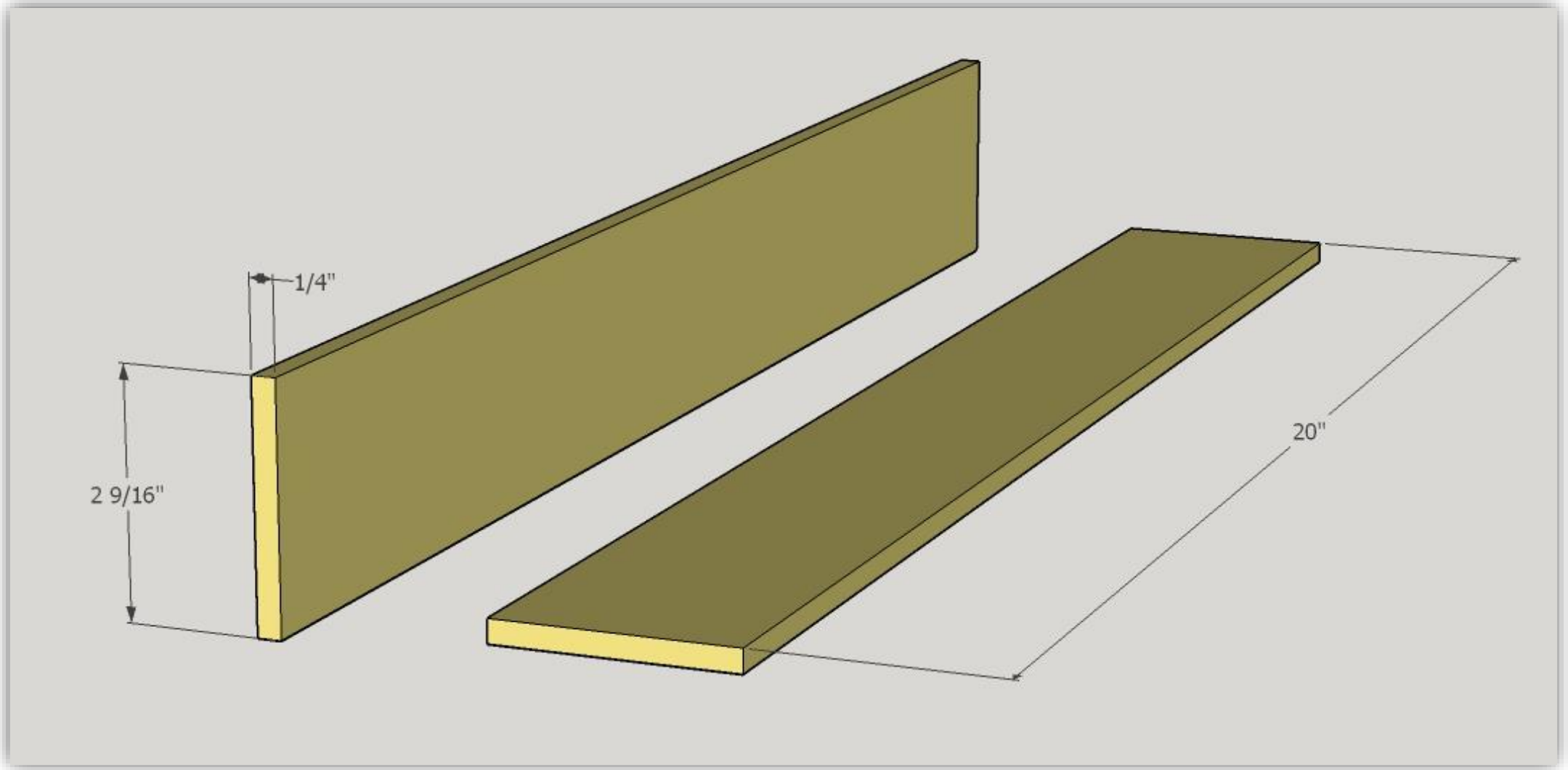
DIY DOG CASKET

DIMENSION DETAIL OF RAISED PANEL

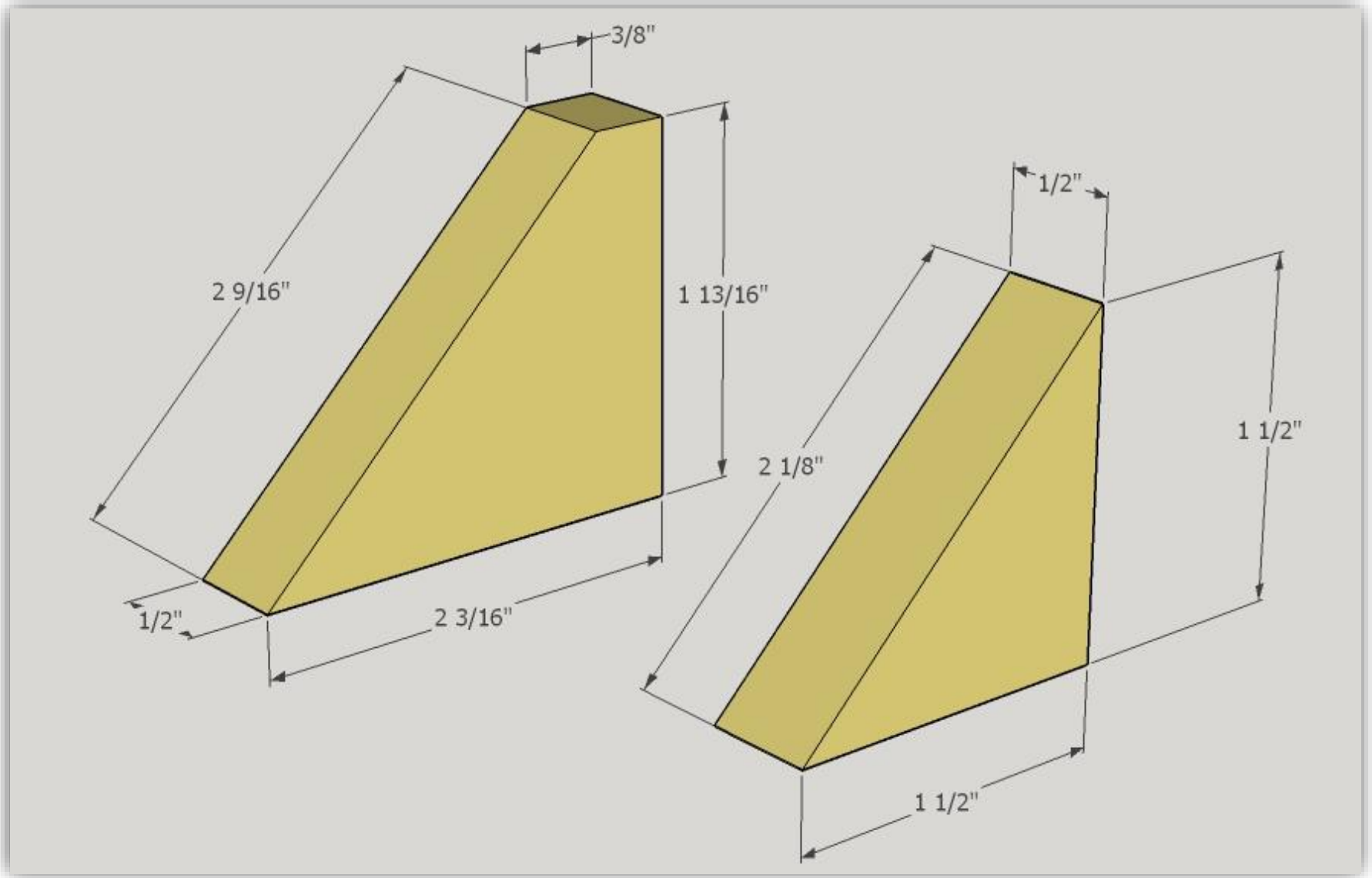
HONEYBADGER WOODWORKS



DIY DOG CASKET	DIMENSIONS OF SHORT INNER LID PANELS	HONEYBADGER WOODWORKS



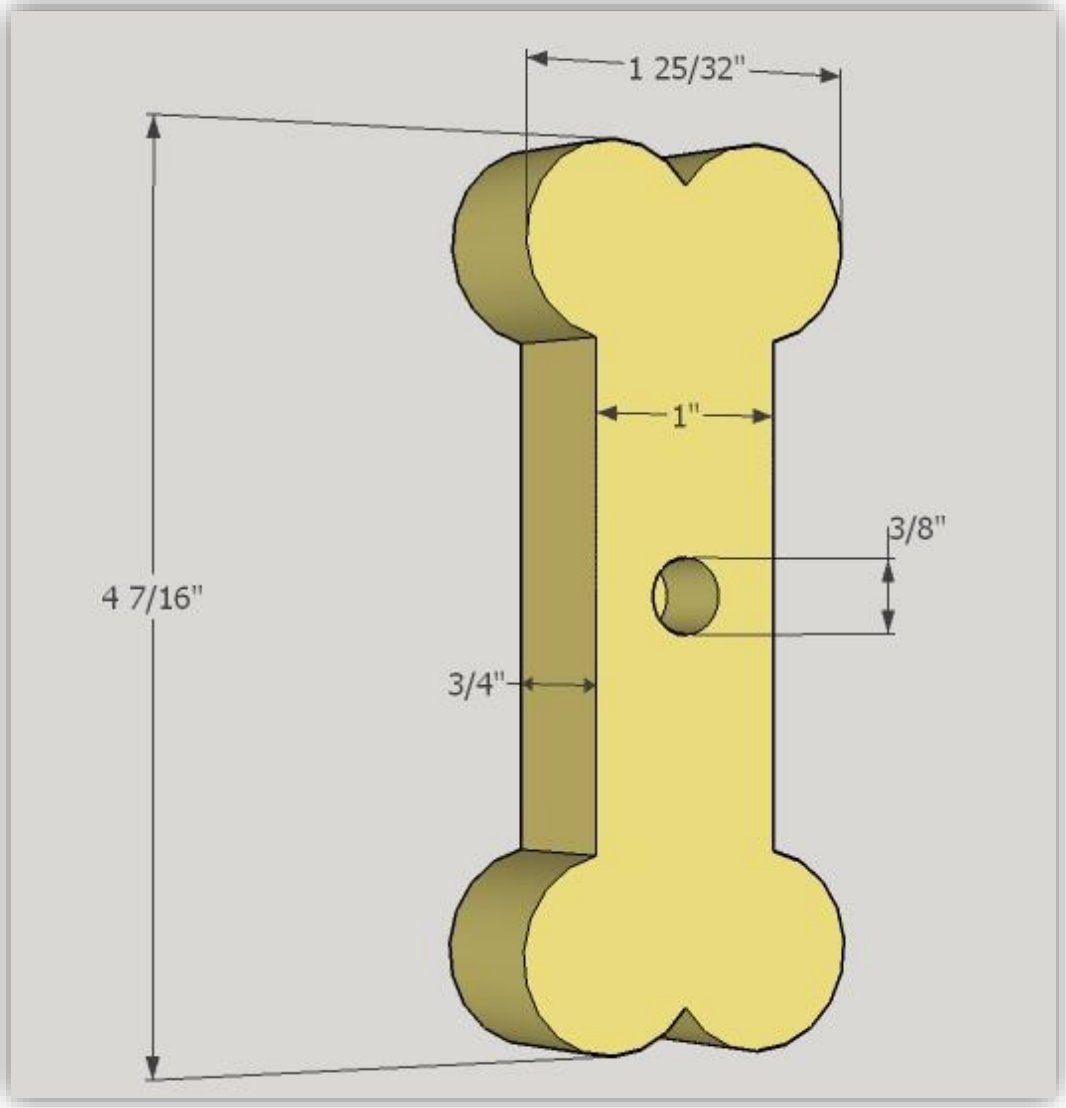
DIY DOG CASKET	DIMENSIONS OF LONG INNER LID PANELS	HONEYBADGER WOODWORKS



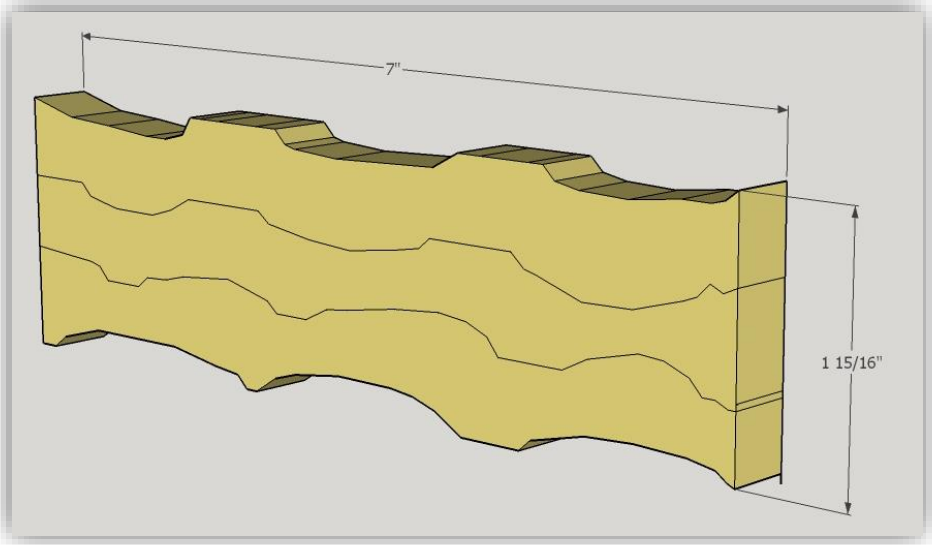
DIY DOG CASKET

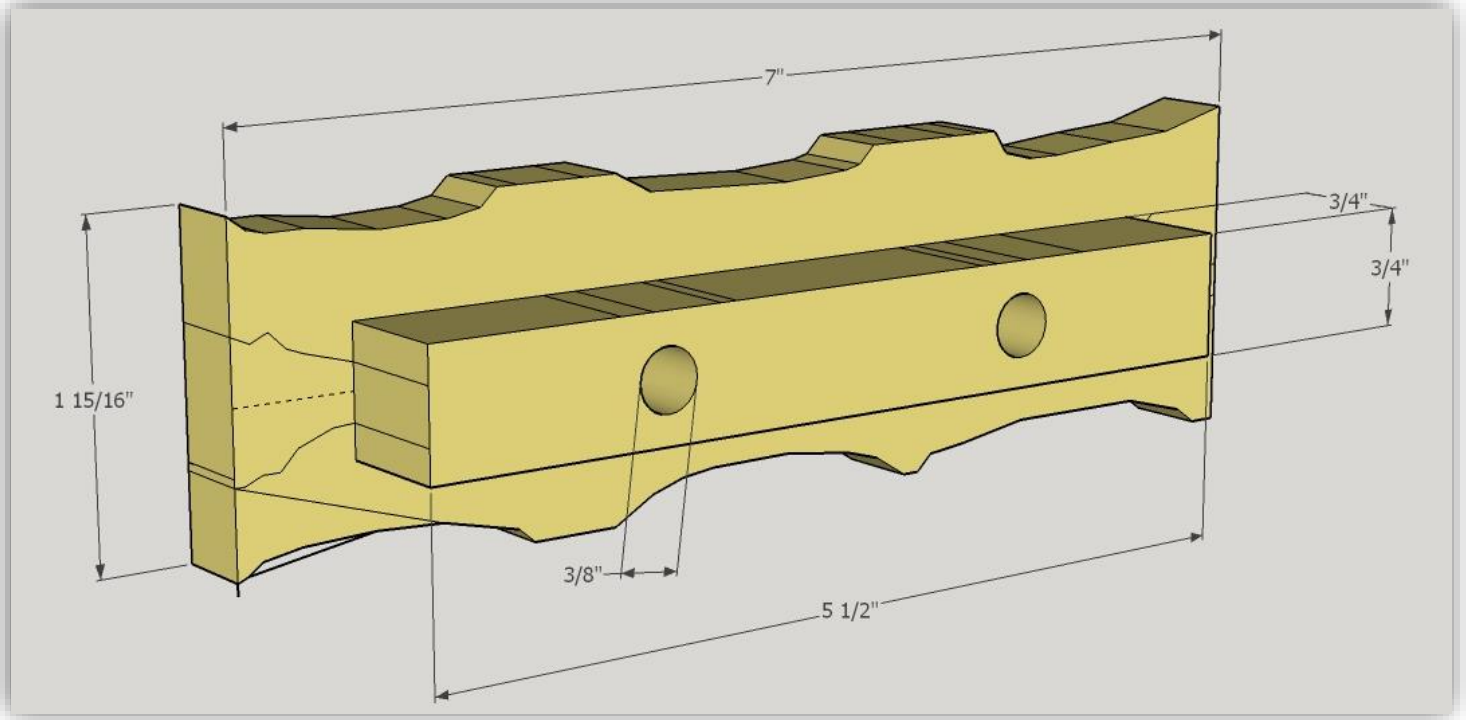
DIMENSIONS OF TOP MOLDING BRACKETS

HONEYBADGER WOODWORKS



DIY DOG CASKET	DIMENSIONS OF BONE BEFORE CARVING	HONEYBADGER WOODWORKS

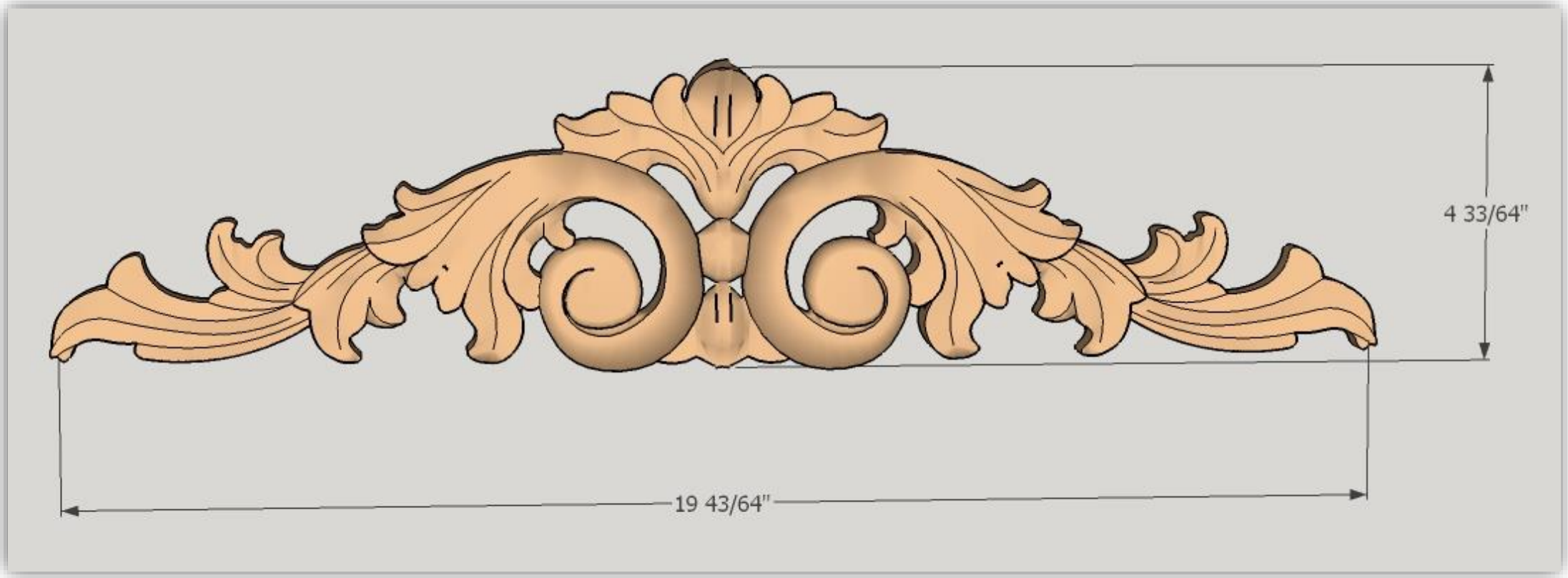




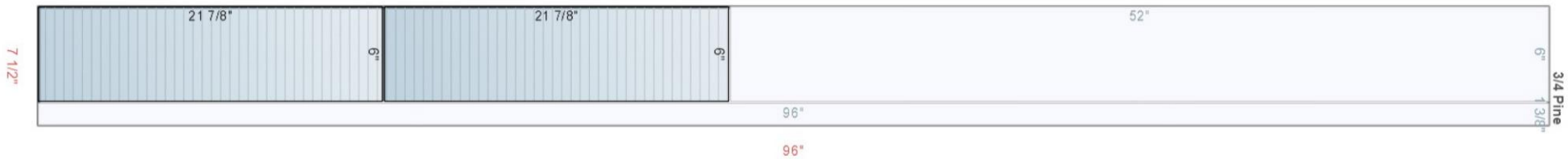
DIY DOG CASKET

DIMENSIONS OF BACON BEFORE CARVING

HONEYBADGER WOODWORKS

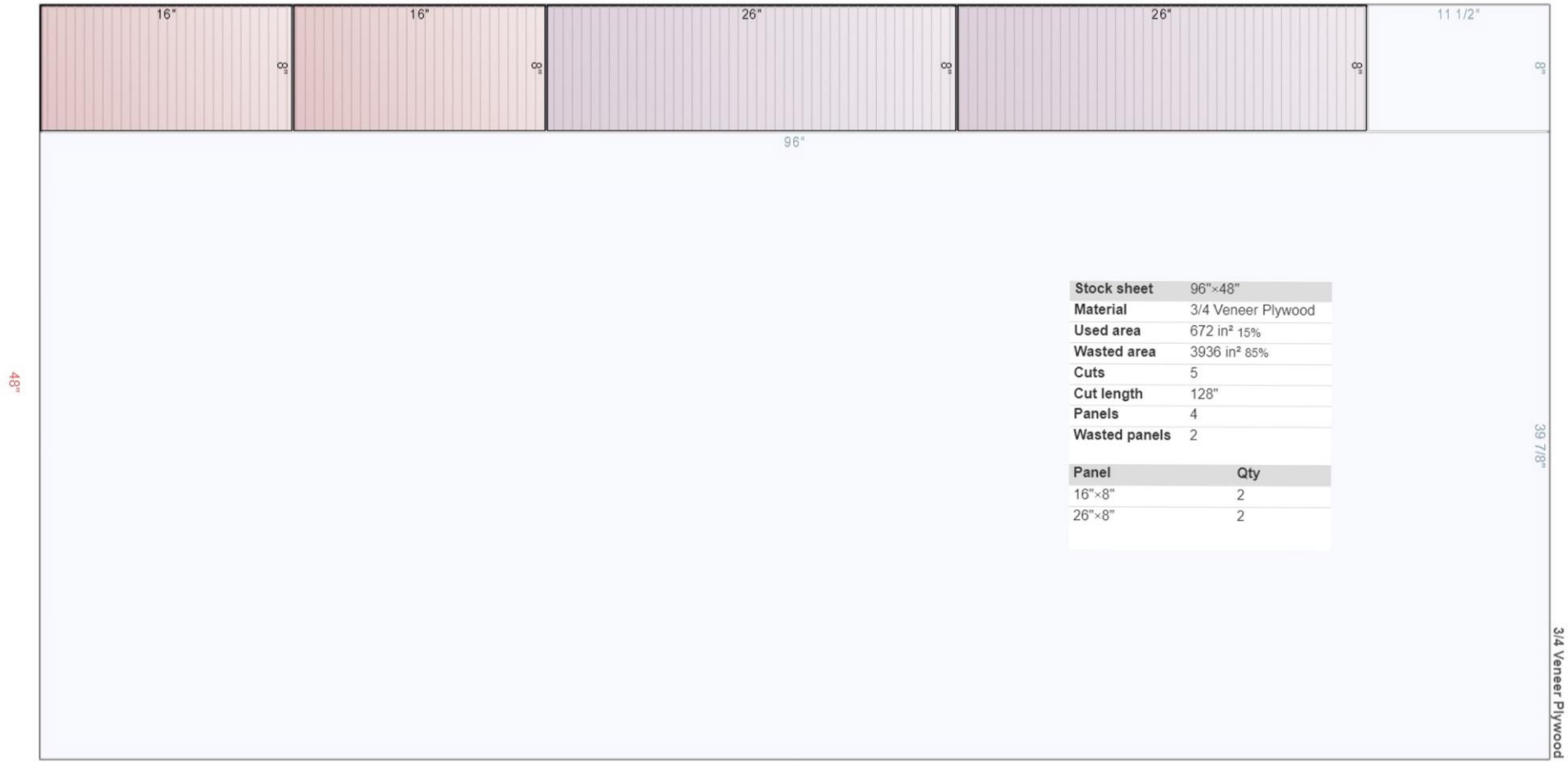


DIY DOG CASKET	DIMENSIONS OF WOOD APPLIQUE	HONEYBADGER WOODWORKS



Stock sheet	96"×7 1/2"
Material	3/4 Pine
Used area	262.5 in² 36%
Wasted area	457.5 in² 64%
Cuts	3
Cut length	108"
Panels	2
Wasted panels	2

Panel	Qty
21 7/8"×6"	2



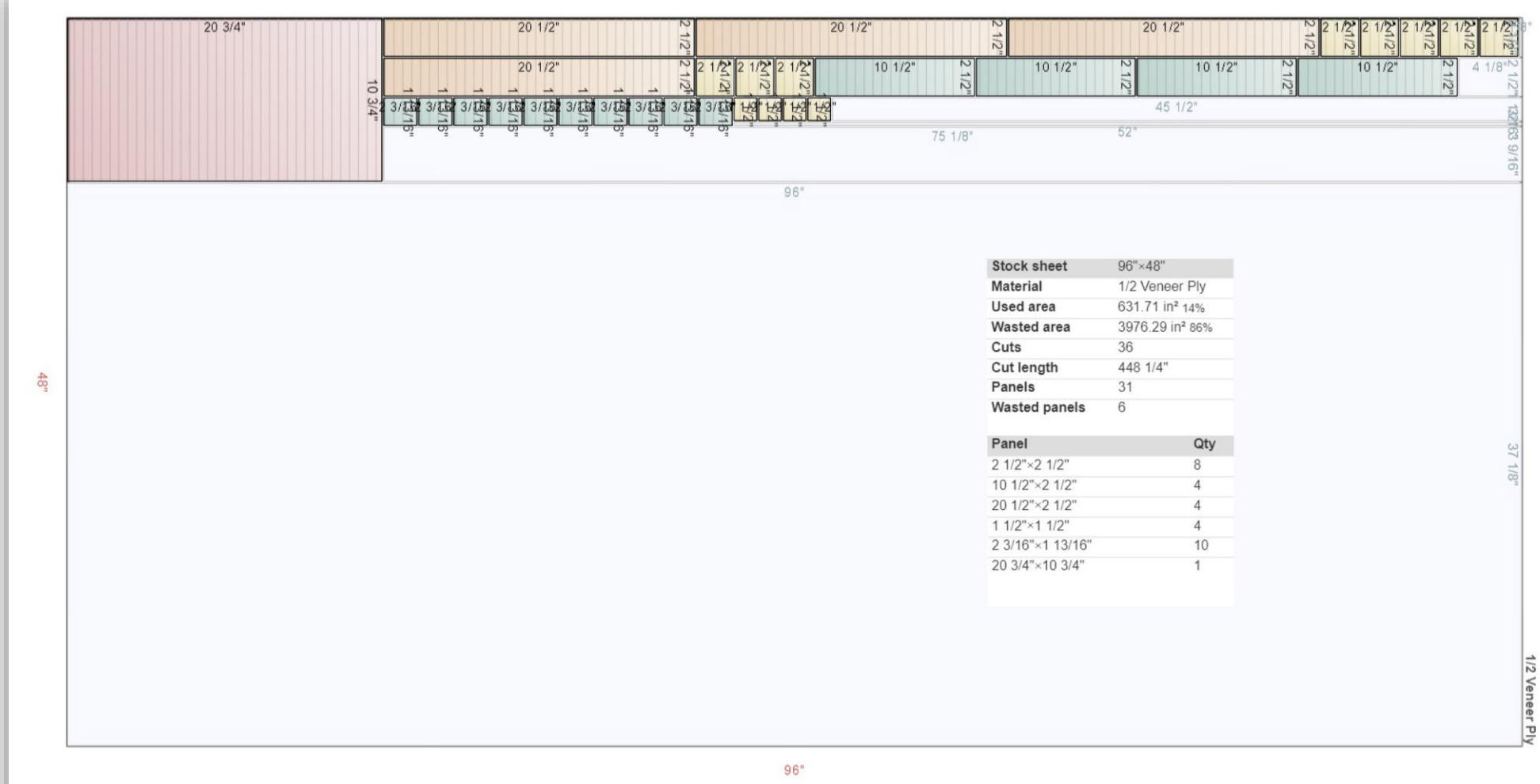
Stock sheet	96"×48"
Material	3/4 Veneer Plywood
Used area	672 in² 15%
Wasted area	3936 in² 85%
Cuts	5
Cut length	128"
Panels	4
Wasted panels	2

Panel	Qty
16"×8"	2
26"×8"	2

DIY DOG CASKET

CUT LIST

HONEYBADGER WOODWORKS



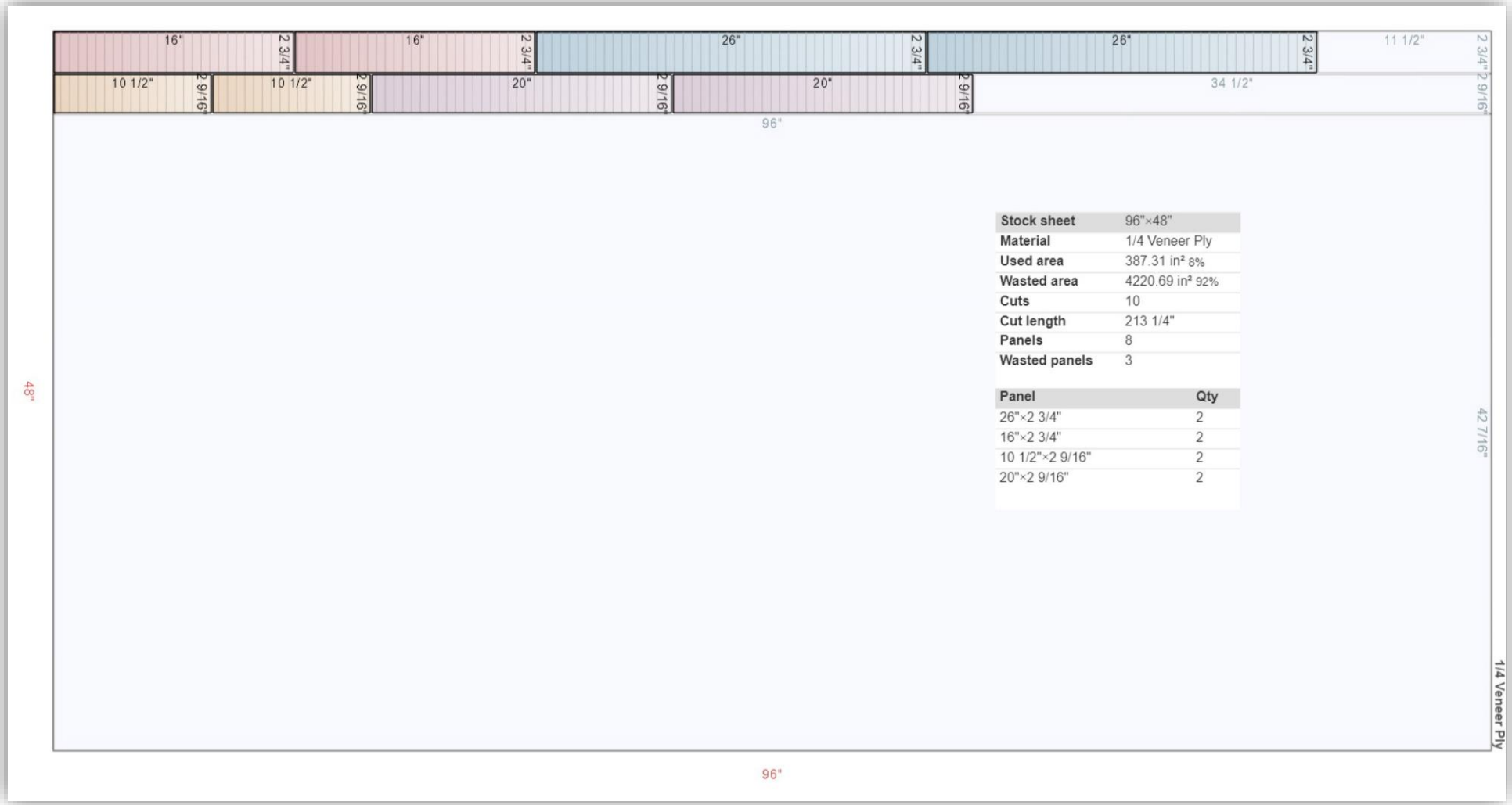
Stock sheet	96"×48"
Material	1/2 Veneer Ply
Used area	631.71 in² 14%
Wasted area	3976.29 in² 86%
Cuts	36
Cut length	448 1/4"
Panels	31
Wasted panels	6

Panel	Qty
2 1/2"×2 1/2"	8
10 1/2"×2 1/2"	4
20 1/2"×2 1/2"	4
1 1/2"×1 1/2"	4
2 3/16"×1 13/16"	10
20 3/4"×10 3/4"	1

DIY DOG CASKET

CUT LIST

HONEYBADGER WOODWORKS



Stock sheet	96"×48"
Material	1/4 Veneer Ply
Used area	387.31 in² 8%
Wasted area	4220.69 in² 92%
Cuts	10
Cut length	213 1/4"
Panels	8
Wasted panels	3

Panel	Qty
26"×2 3/4"	2
16"×2 3/4"	2
10 1/2"×2 9/16"	2
20"×2 9/16"	2

DIY DOG CASKET

CUT LIST

HONEYBADGER WOODWORKS

Links to Moldings :

- Bottom Trim & Top Angled Trim : I bought 3 pieces. If you make no mistakes you can make both with 2.

https://www.lowes.com/pd/EverTrue-2-75-in-x-8-ft-White-Hard-Chair-Rail/4745659

- Rope Molding : I bought 1 with very little room to spare for miscuts

https://www.lowes.com/pd/3-4-in-x-8-ft-White-Hard-Unfinished-Chair-Rail-Moulding-Actual-0-75-in-x-8-ft/3040983

- Wood Applique : The one I used is older so I couldn't find it online. I did find one similar at Lowes, link below. But googling wood applique gives you multiple sources and styles for reasonably priced appliques.

https://www.lowes.com/pd/EverTrue-16-688-in-W-x-3-5-in-H-Unfinished/3041866

- Bacon & Bone : These I just made out of scrap cherry, and pine respectively