



Furniture Plans.com
24" x 18" base for bottom cabinet
1 1/2" x 23" rip to 23-3/8" x 17-7/8"
route dado before

Woodworking Plans You Can Download Now!

Rocking Horse



This rocking horse is sure to be a treasured gift for any child who receives it. Built from sturdy 1-1/2" stock, it is deceptively easy to build and is designed to last for generations. This plan contains full size patterns and step by step diagrams for constructing the rocking horse making it sure to provide satisfying results for any level of woodworker.

Dimensions:

26-1/2" High x 10" Wide x 44" Long
Seat Height: 19"

Getting started:

The parts for this project can be cut with a variety of tools and machines but we all have our favorites and those of which we are most comfortable. We suggest you read through the instructions before doing any cutting and decide which tools you feel most comfortable using. The plan is designed to guide you through the steps of building the project as we have.

Shop tips:

We have a few helpful hints we would like to share with you that have made assembling projects easier for us and help you to have the same success and enjoyment.

Predrilling is always a good idea in any type of wood that you use to avoid splitting or breaking off screw heads.

You can't say enough about squaring up assemblies no matter where you are in the assembly process. Getting something a little out of skew can be a frustrating experience for any woodworker. To avoid this always keep a tape measure and square handy. Remember to square before and after you have tightened the clamps.

All of the parts in this plan have been given a part number so they can be easily identified in the assembly instructions. When cutting out parts it is helpful to mark the part number (in pencil) on that part so when it comes time for assembly you can easily identify that specific part.

A note about safety:

Woodworking can be dangerous. Safety equipment and keeping your tools in proper working order with guards in place and adjusted properly can greatly reduce your risk of injury.

Be sure to read and understand all of the safety instructions that come with your tools.

Use common sense and caution in your workshop at all times. If you are not comfortable with a procedure, don't do it. Find an alternative that feels safe for you, no matter how others may work. Safety in your workshop is your responsibility.

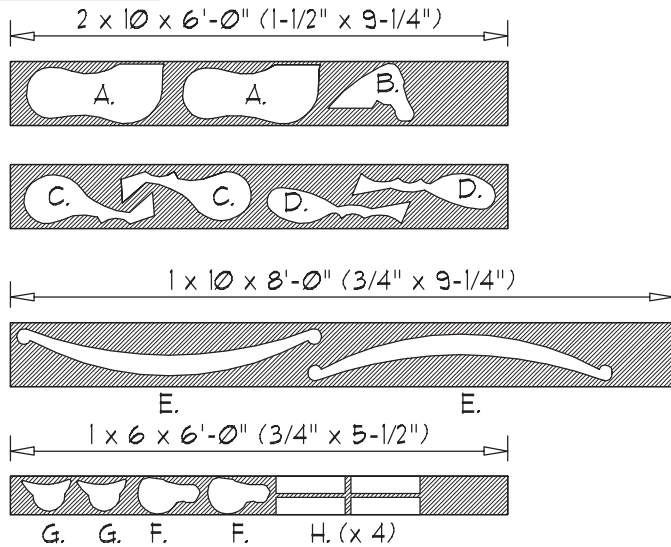
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If you have specific questions or problems regarding any of our plans, you may e-mail us at:
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If you have any general comments or suggestions, please e-mail us at:
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We'll be happy to hear from you.

CUT LAYOUT



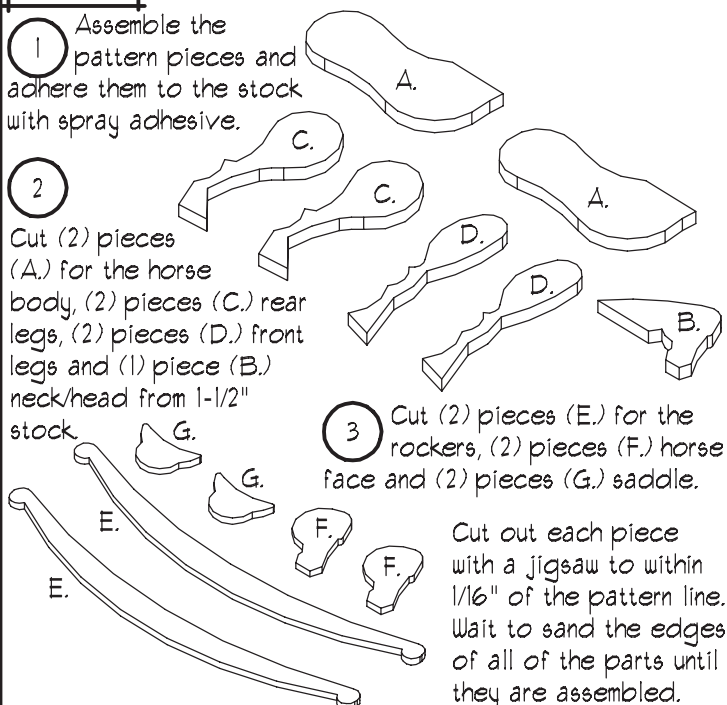
PARTS CUT LIST: (stock dimensions)

- A. (2) 9-1/4" x 22" (horse body)
- B. (1) 9-1/4" x 14" (horse neck and head)
- C. (2) 9-1/4" x 21" (horse rear legs)
- D. (2) 9-1/4" x 23" (horse front legs)
- E. (2) 9-1/4" x 46" (rockers)
- F. (2) 5-1/2" x 10" (horse face)
- G. (2) 5-1/2" x 8" (saddle)
- H. (4) 2-1/2" x 10" (platform slats)

MATERIAL / HARDWARE LIST:

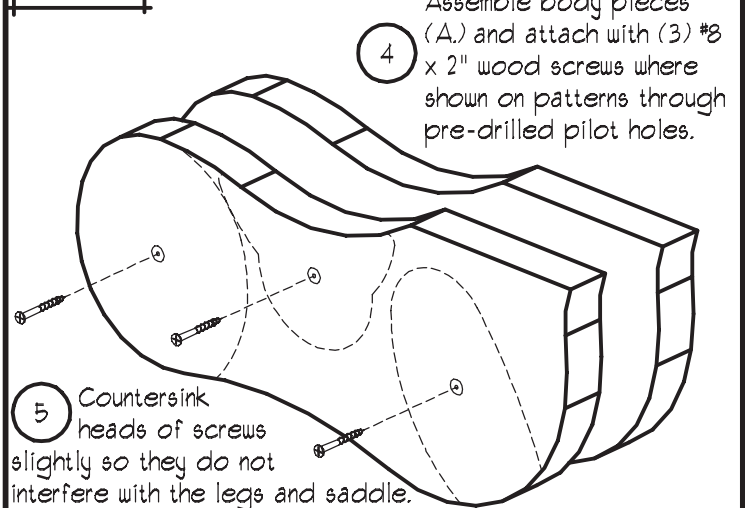
- (2) 2 x 10 x 72"
- (1) 1 x 10 x 96"
- (1) 1 x 6 x 72"
- #8 x 1-5/8" wood screws
- #8 x 2" wood screws
- 7" length of 3/8" dowel
- 10" length of 1" dowel
- skein of yarn
- 12 sq. in. of leather or felt
- (2) upholstery tacks

DIAG. 1. CUT ROCKING HORSE PARTS

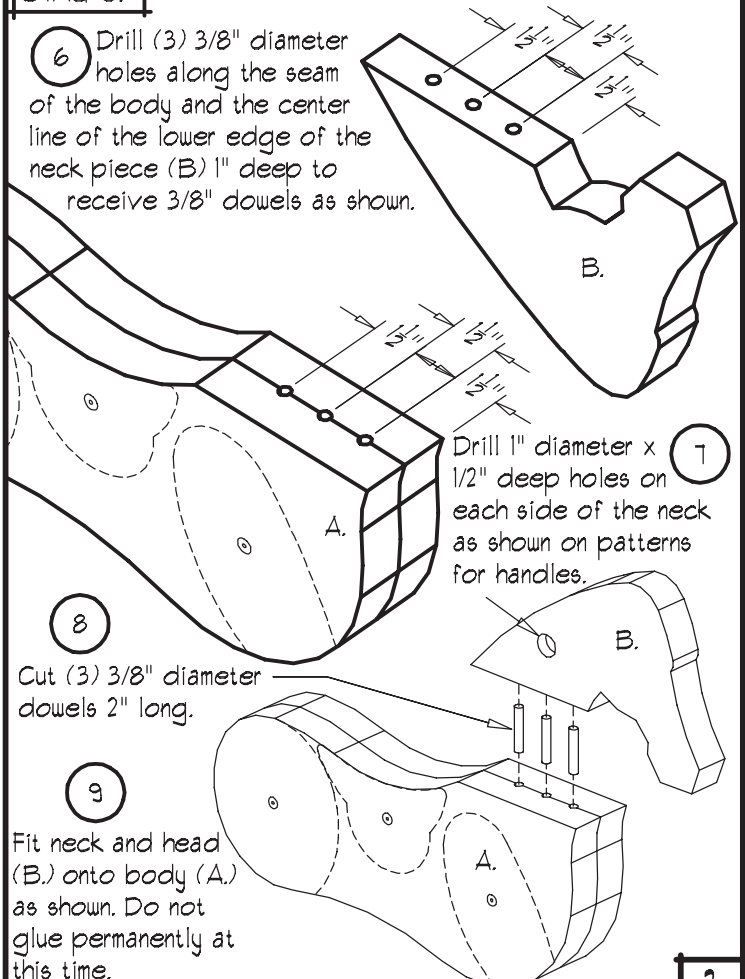


When assembling the rocking horse, it is intended that the pieces be fitted together initially without glue while the patterns are still adhered to the stock. The patterns contain important information which aids in the orientation of each piece. Once all the pieces are assembled with screws as shown, the rocking horse can be disassembled and the patterns removed prior to final permanent assembly with glue.

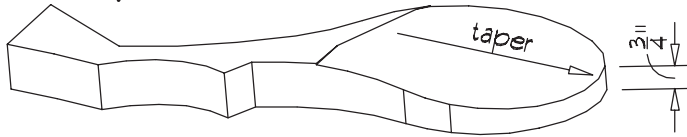
DIAG. 2. ASSEMBLE BODY



DIAG. 3. NECK ATTACHMENT



DIAG. 4. FIT LEGS



- 10 Taper the inside face of each leg from 1-1/2" thick to 3/4" thick in the areas shown on the patterns. Use a large chisel or belt sander to get the rough shape and then sand it smooth and flat to fit against the body.

Remember, the tapers occur on the inside face. Taper opposite faces of each rear leg and opposite faces of each front leg.

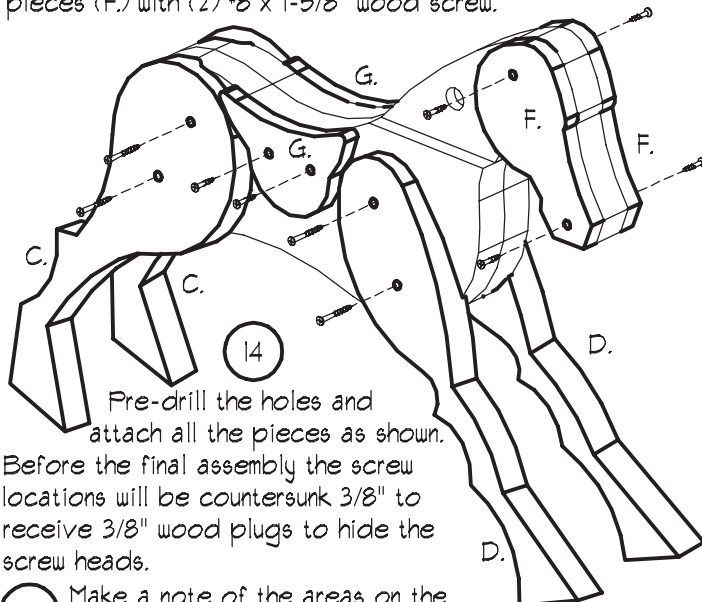
- 11 Once you are satisfied with the fit of the tapered face of each leg with the body, sand the profiles of each leg smooth to the layout lines on the patterns using a drill press equipped with a drum sander.

- 12 Round over all the edges of the legs (with the exception of the tapered face) with a 1/4" radius round over router bit.



DIAG. 5. ATTACH BACK PANEL

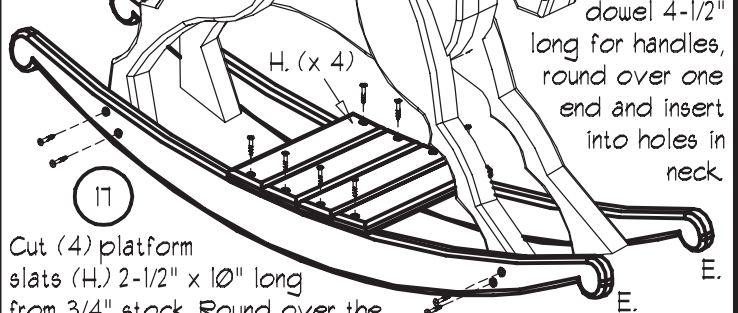
- 13 Attach rear legs (C.) and front legs (D.) to body (A.) with (2) #8 x 2" wood screws at locations shown on patterns. Use the reference lines on the patterns to line up the legs. Attach the saddle pieces (G.) and the horse face pieces (F.) with (2) #8 x 1-5/8" wood screw.



- 15 Make a note of the areas on the horse that need rounded over and disassemble all the pieces. Round over all the sharp edges with a 1/4" round over router bit after sanding all the edges smooth. Round the shoulders 1/2". Use a 3/8" diameter forstener bit to countersink the screw holes 3/8" deep on the outer pieces. Reassemble all of the pieces with glue and sand edges of any mating pieces so that they are flush with each other along the way. Remove patterns and finish sand entire horse.

DIAG. 6. ATTACH ROCKERS AND PLATFORM

- 16 Round over the edges of the rockers (E.) with a 1/4" round over router bit. Position them to the outside of the hooves making sure the bottom of the hooves are above the bottom edge of the rockers. Attach rockers to each hoof with (2) #8 x 1-5/8" wood screws in pre-drilled holes with a 3/8" countersink for wood plugs.

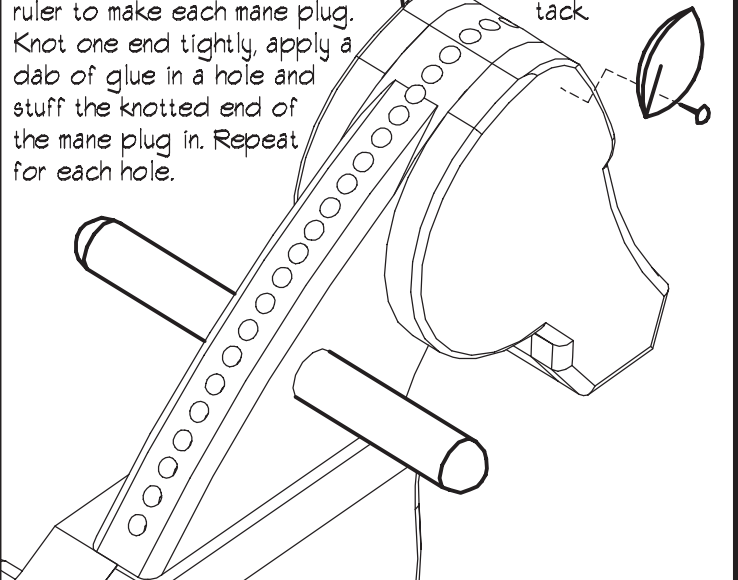


- 17 Cut (4) platform slats (H.) 2-1/2" x 10" long from 3/4" stock. Round over the sharp edges and attach to top edge of rockers with (1) #8 x 1-5/8" wood screws through pre-drilled holes with a 3/8" countersink for wood plugs on each end. Sand all sharp edges and finish as desired.

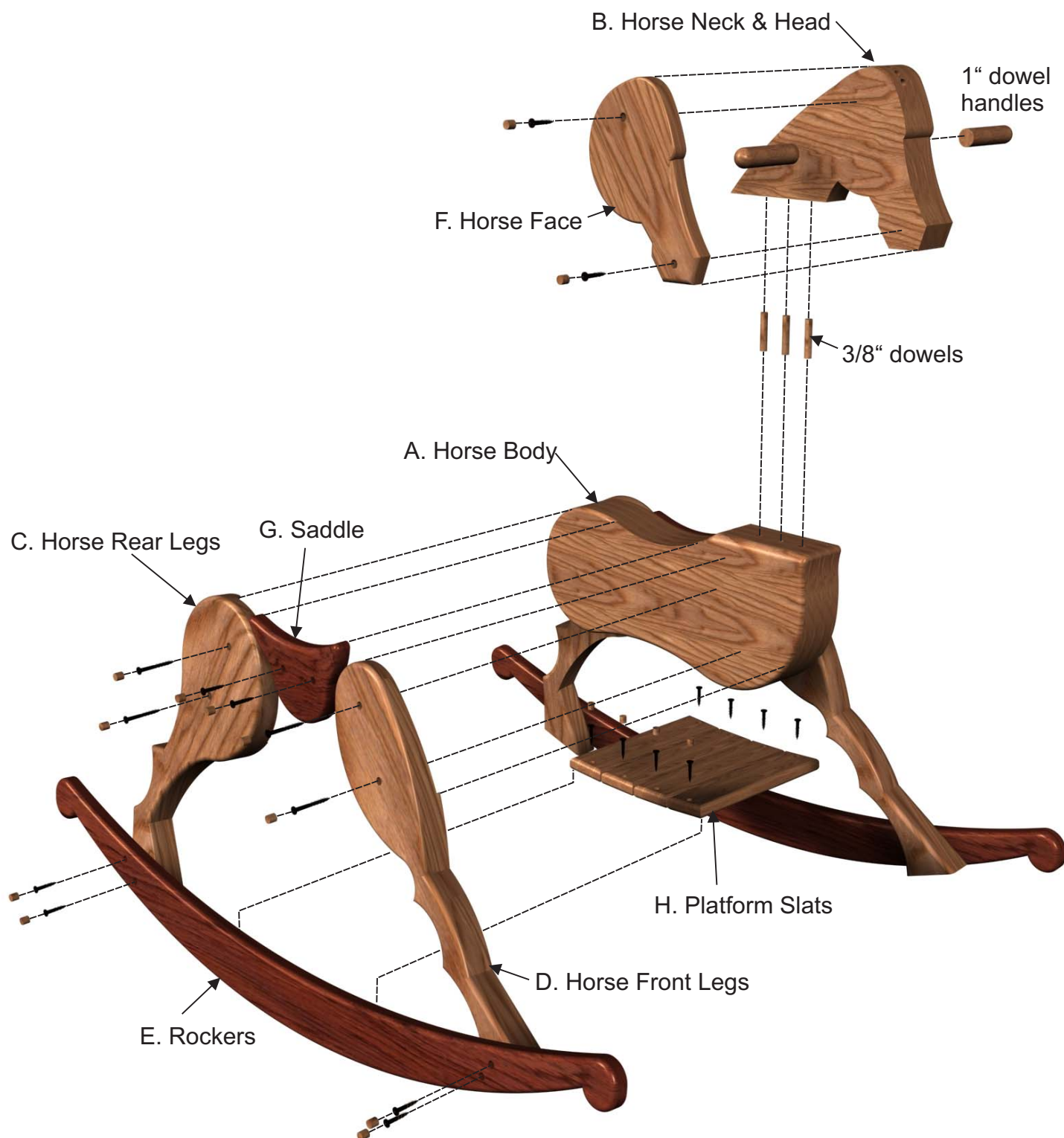
DIAG. 6. ATTACH MANE, EARS AND TAIL

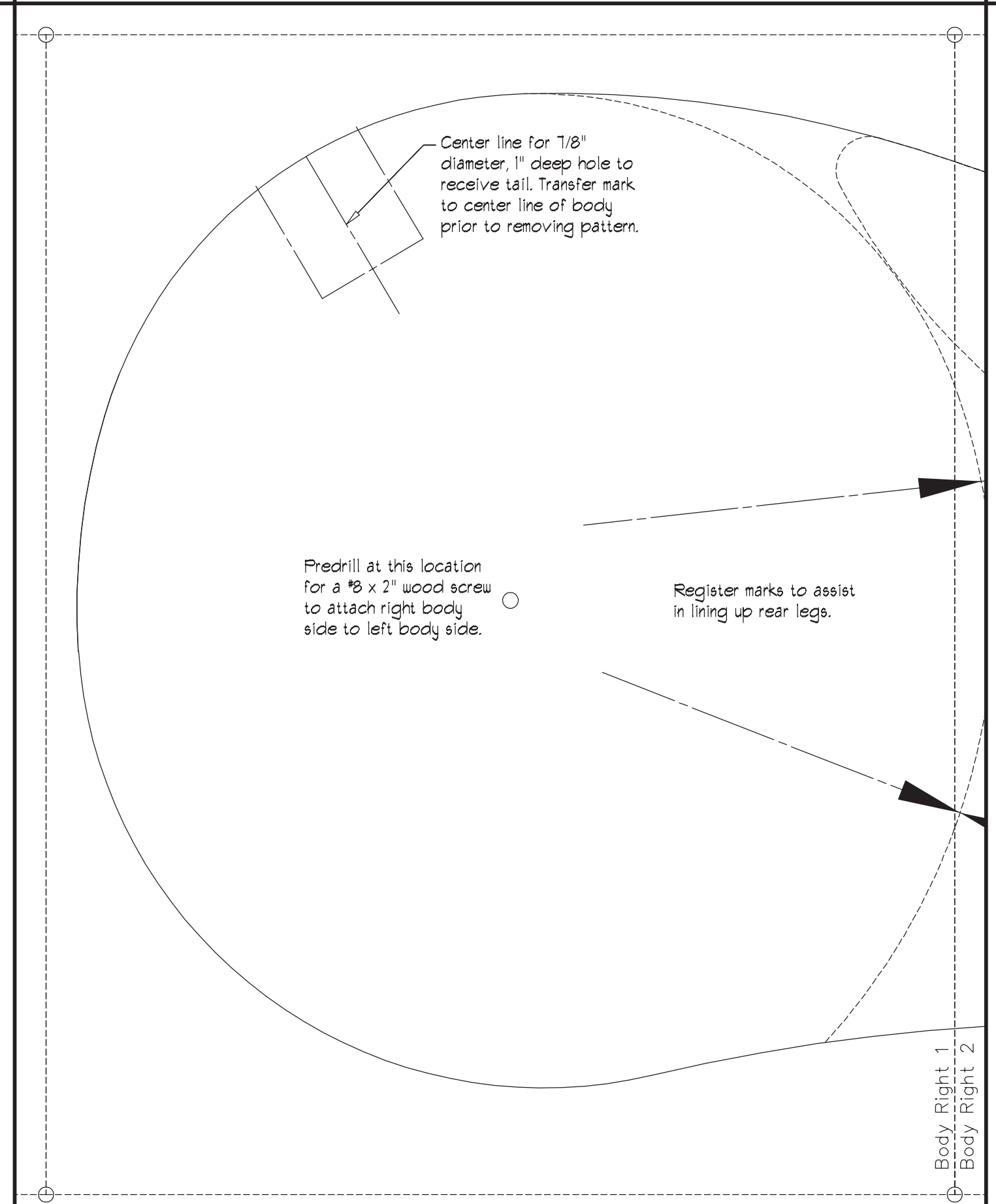
- 19 Drill 3/8" diameter holes 1/2" deep down the centerline of the neck at the locations shown on the neck pattern. Wrap 9 full turns of yarn around a 16" long metal ruler to make each mane plug. Knot one end tightly, apply a dab of glue in a hole and stuff the knotted end of the mane plug in. Repeat for each hole.

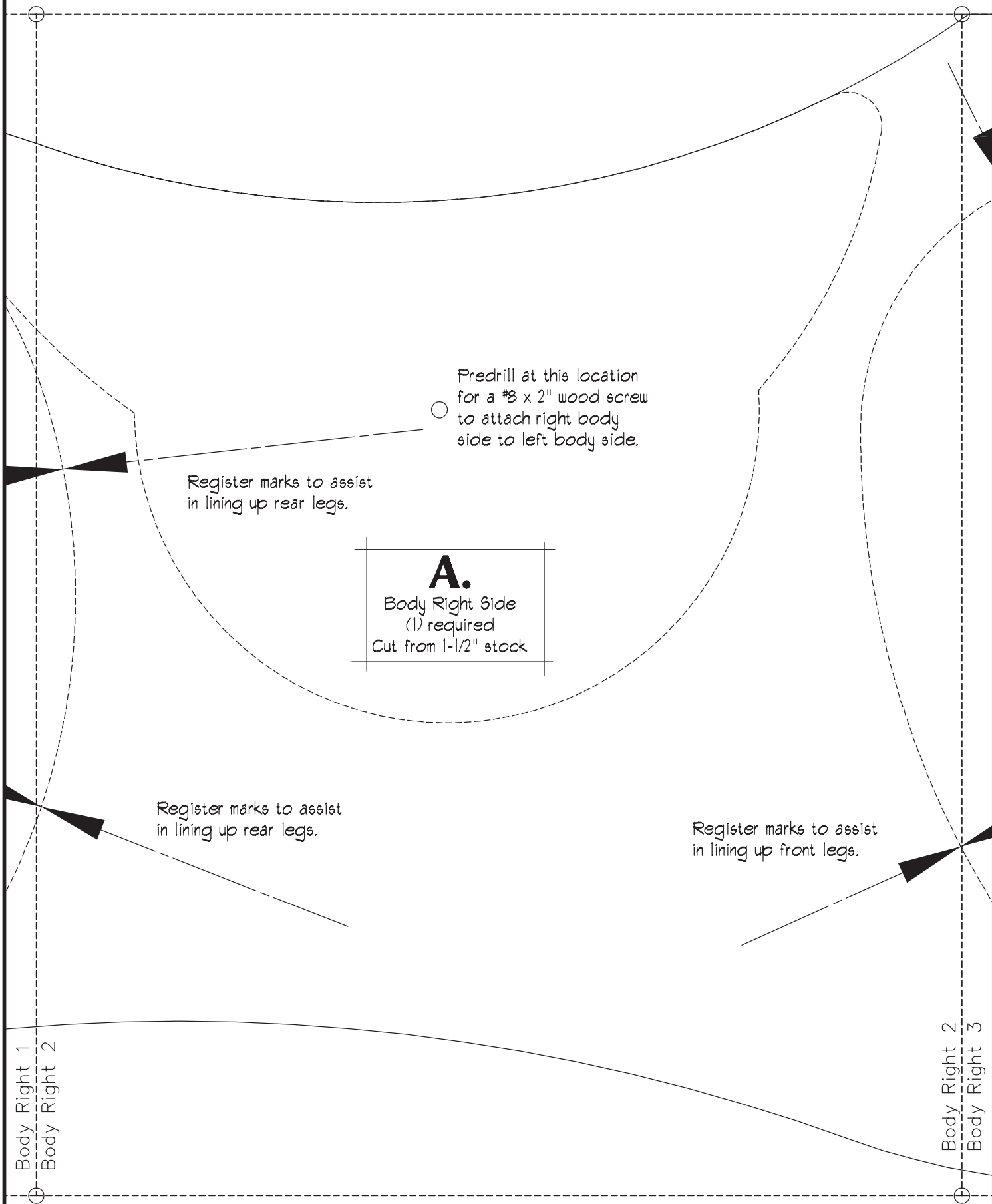
- 20 Cut the ear pieces from leather or felt, fold into shape and attach with an upholstery tack.

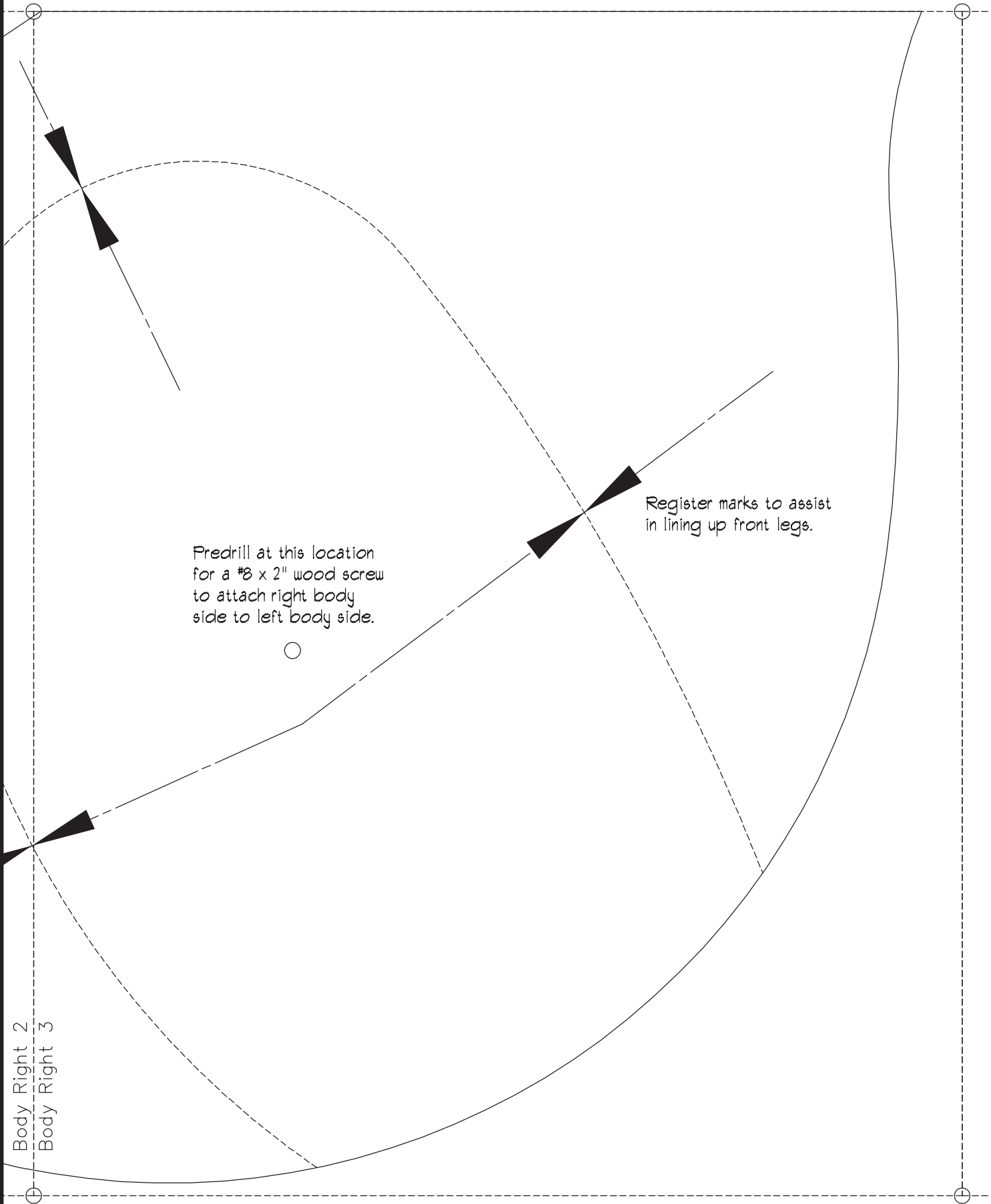


- 21 Drill a 7/8" diameter hole 1" deep at the hind end of the body in the location shown on the pattern for the tail. Wrap 50 full turns of yarn around an 18" long metal ruler. Knot one end tightly, apply glue in the tail hole and stuff the knotted end of the tail in. Trim the tail and the mane to the length desired.





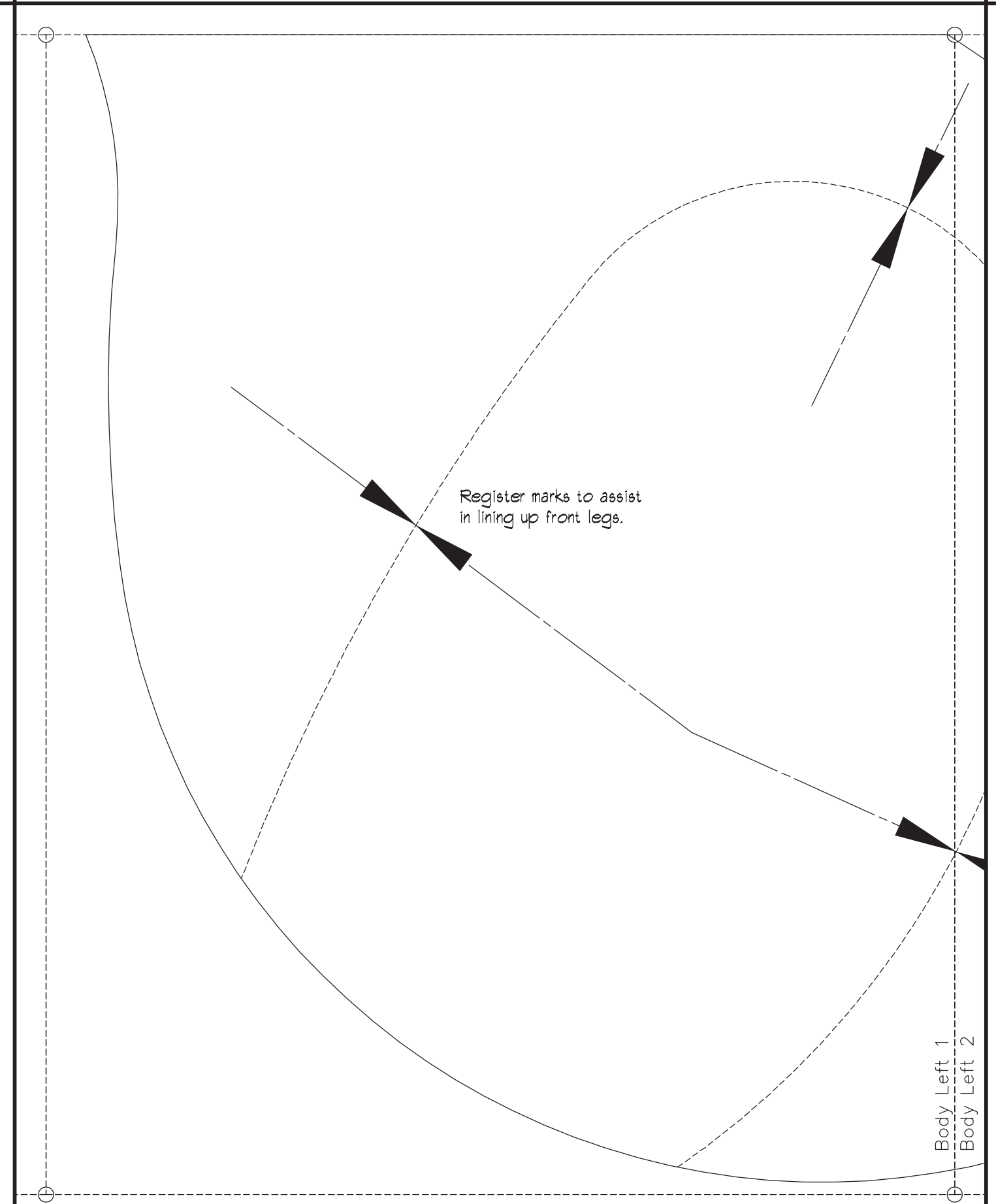


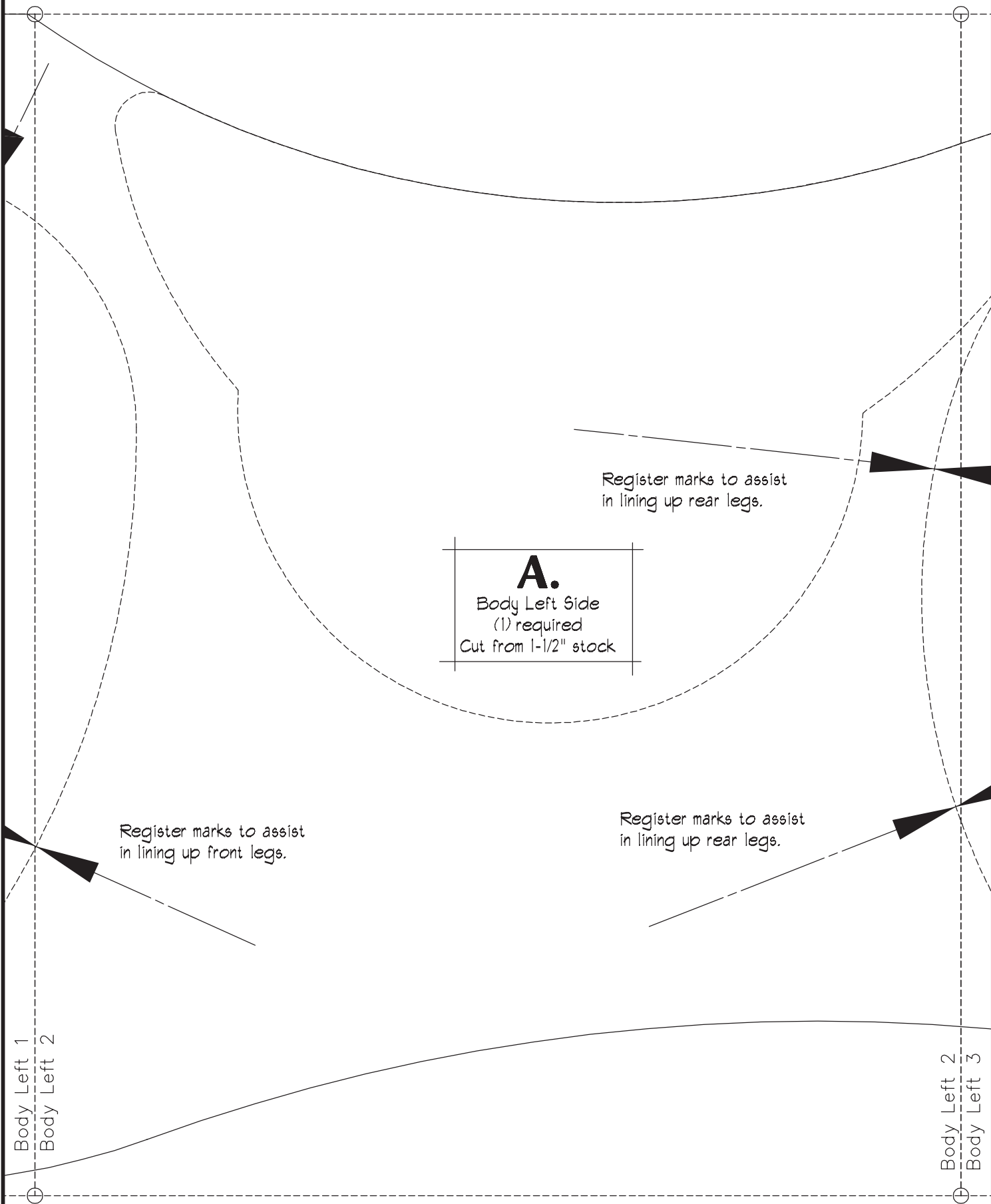


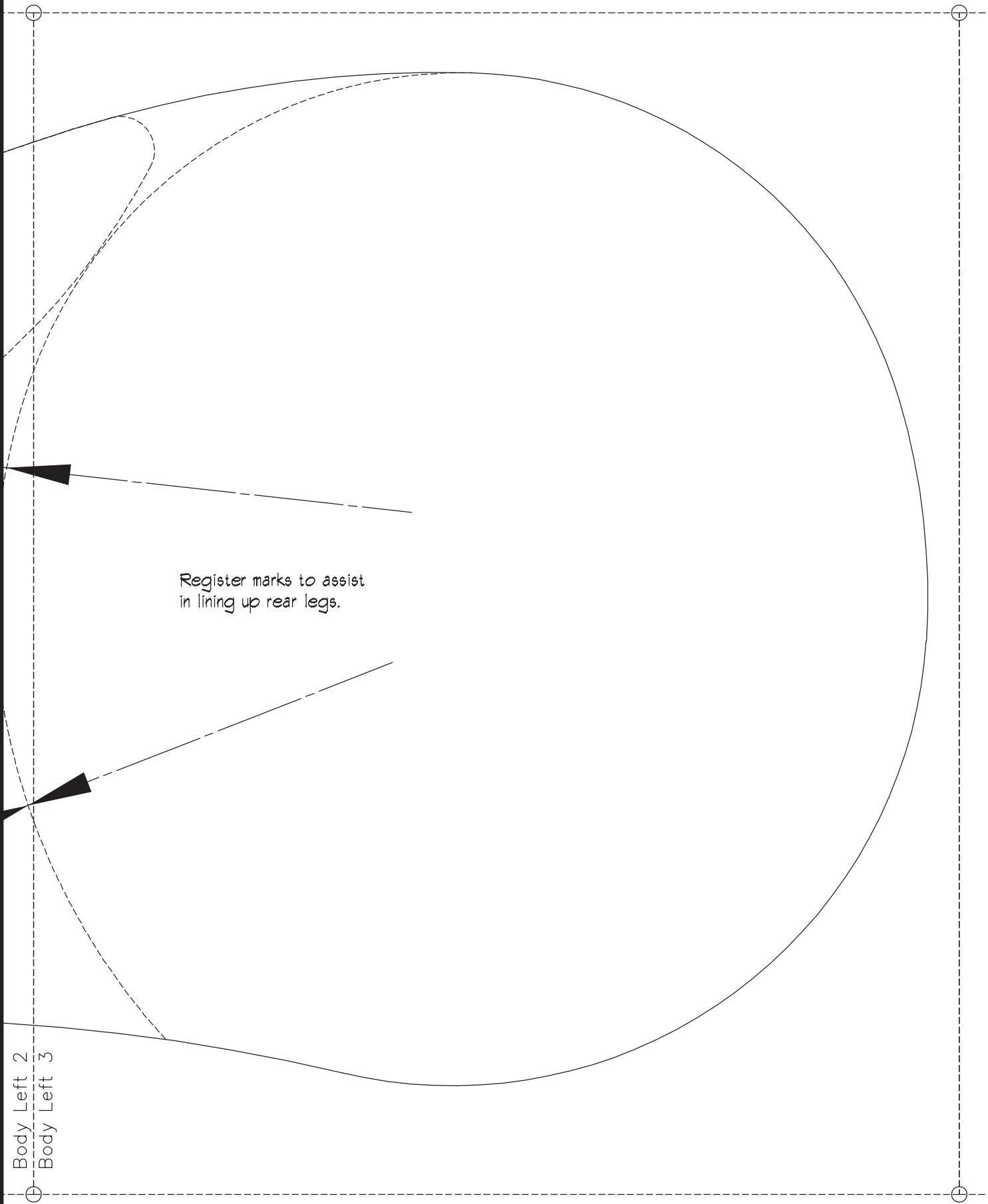
Body Right 2
Body Right 3

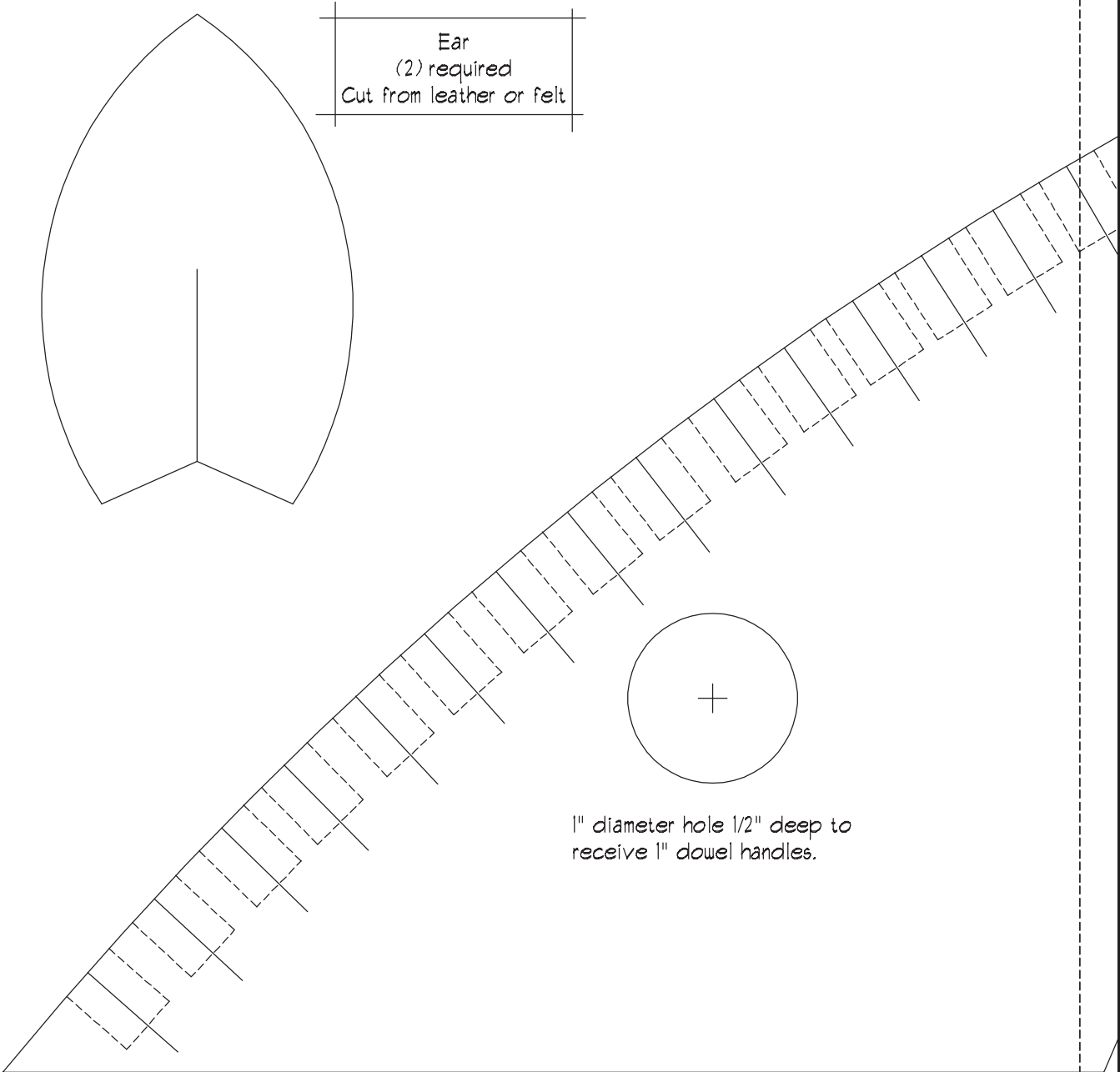
Predrill at this location
for a #8 x 2" wood screw
to attach right body
side to left body side.

Register marks to assist
in lining up front legs.

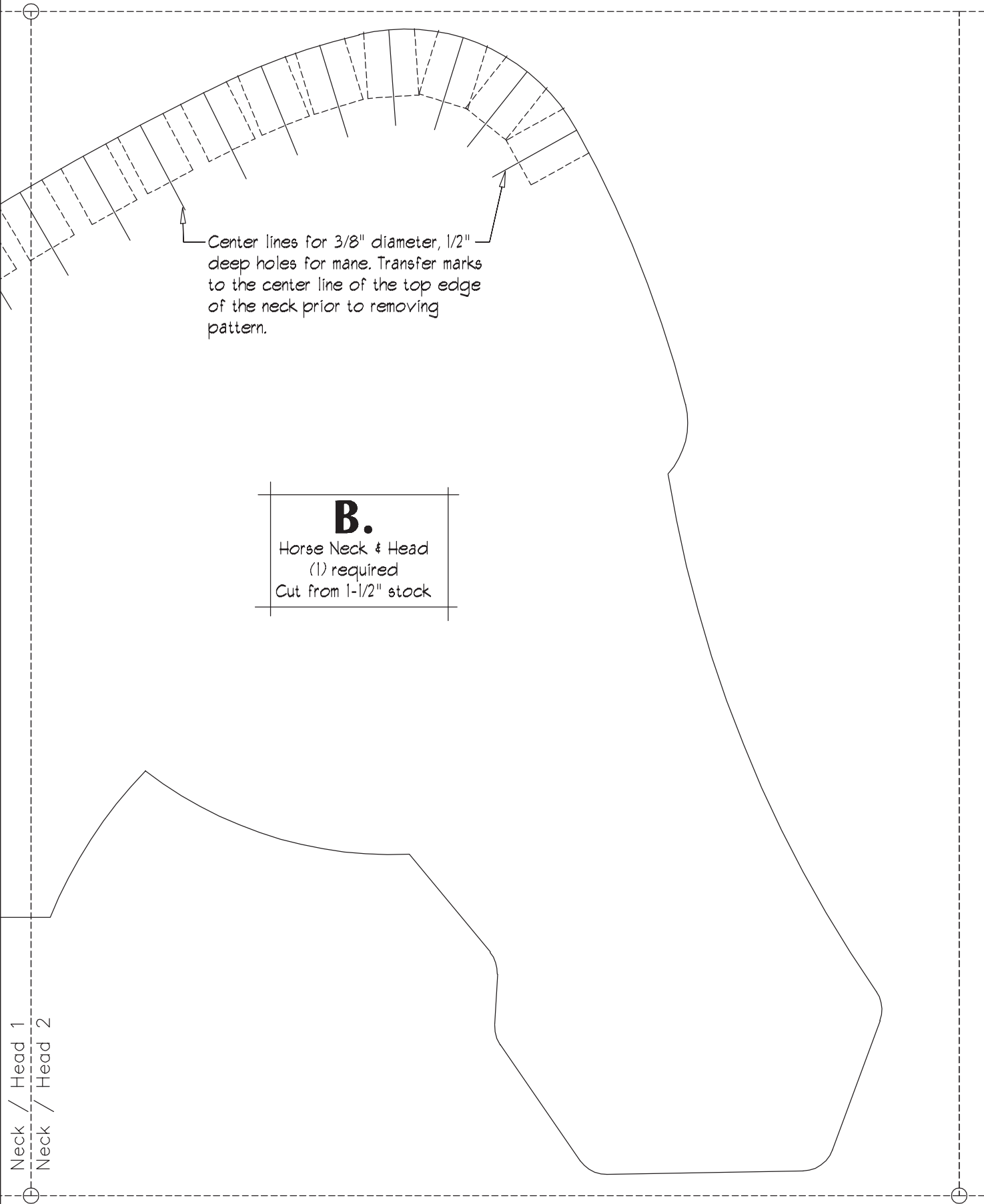








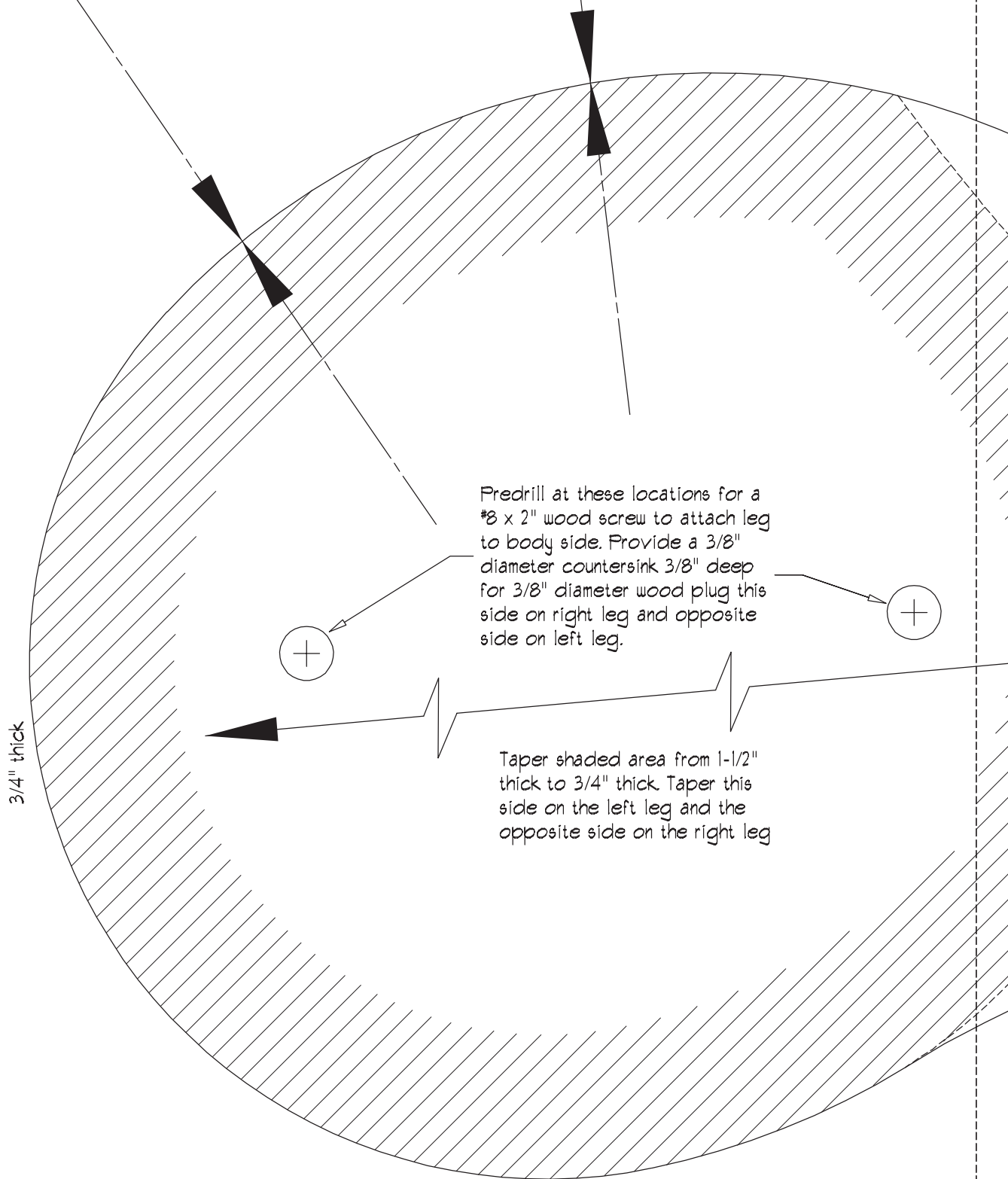
Neck / Head 1
Neck / Head 2

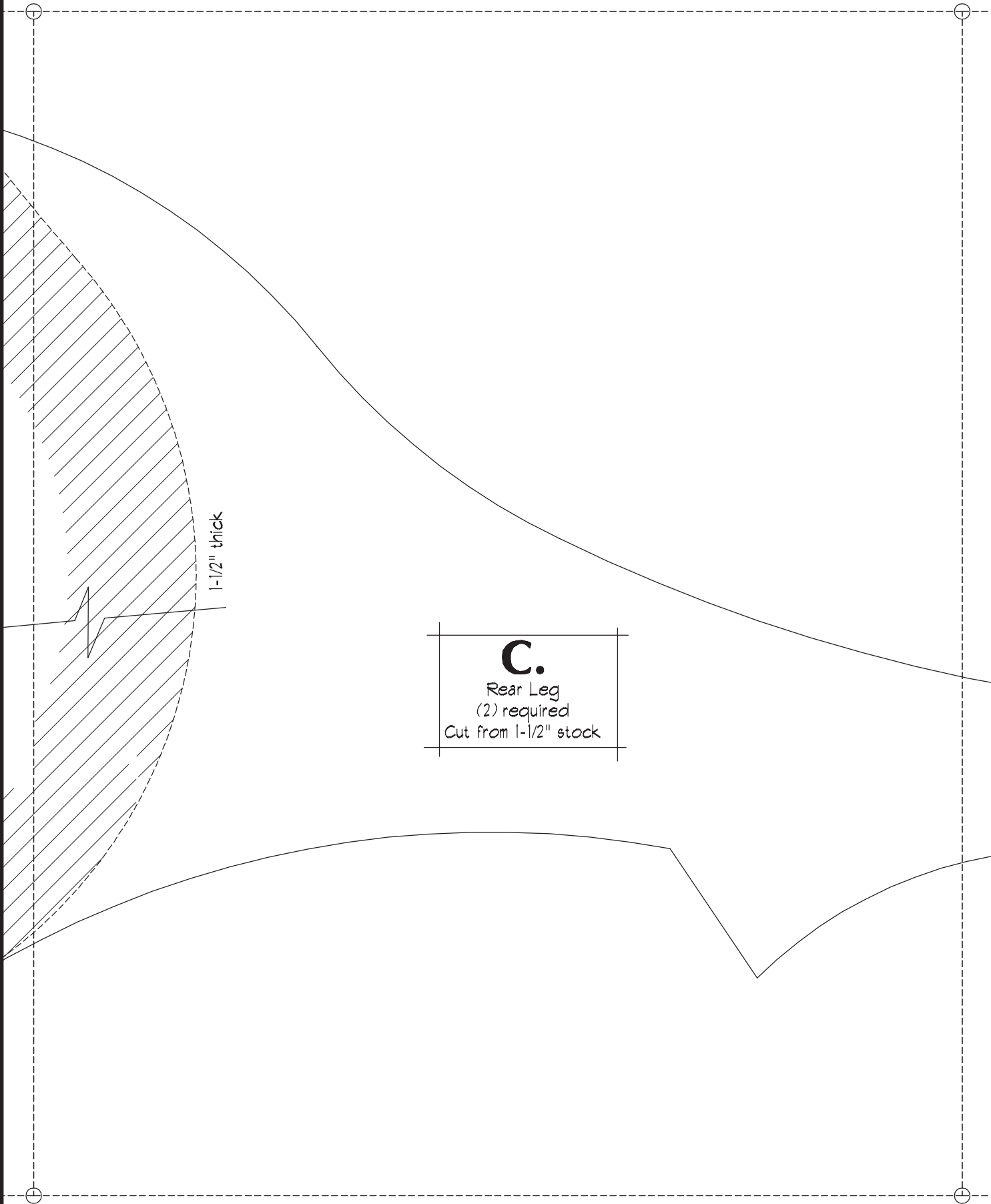


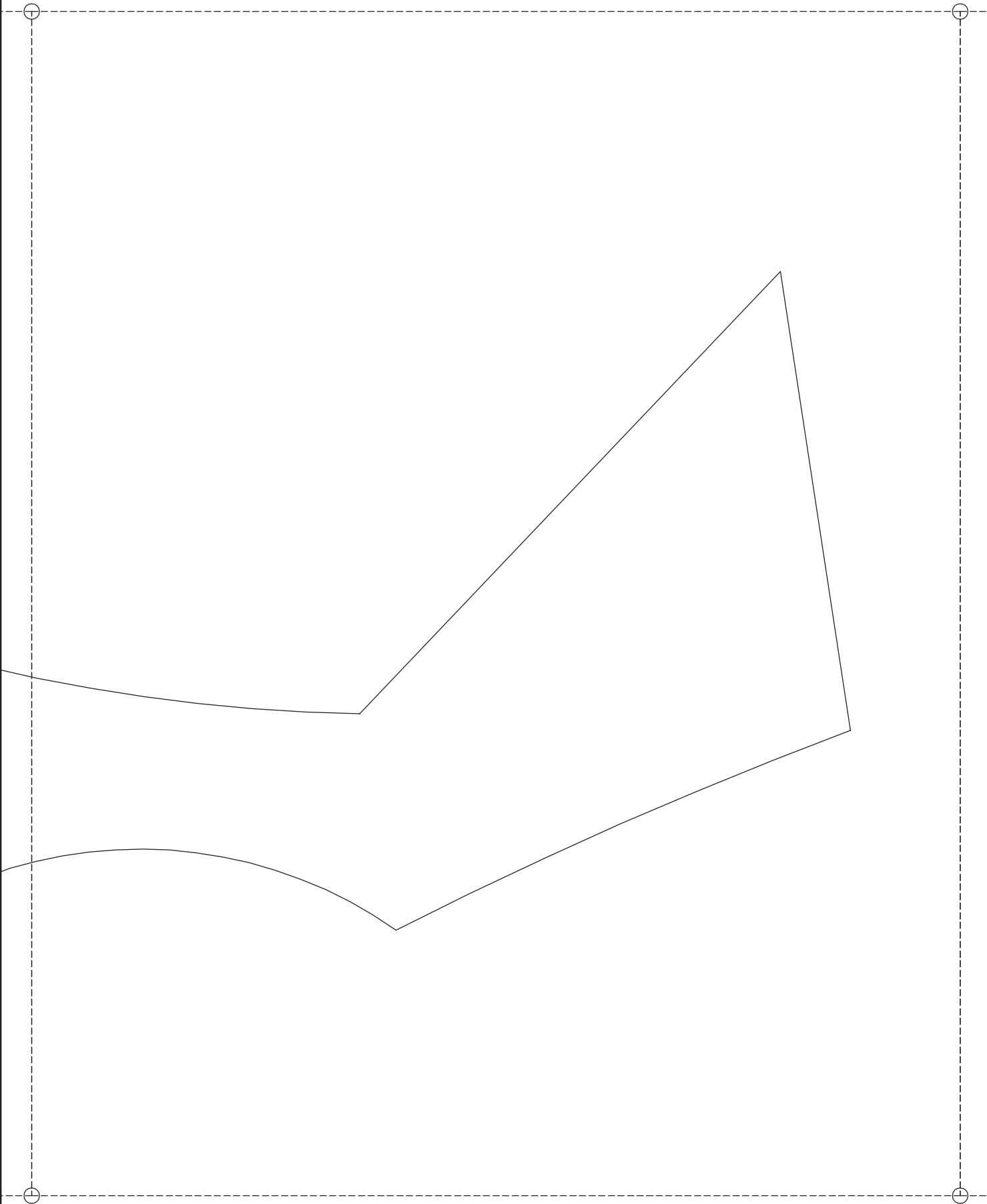
Center lines for 3/8" diameter, 1/2" deep holes for mane. Transfer marks to the center line of the top edge of the neck prior to removing pattern.

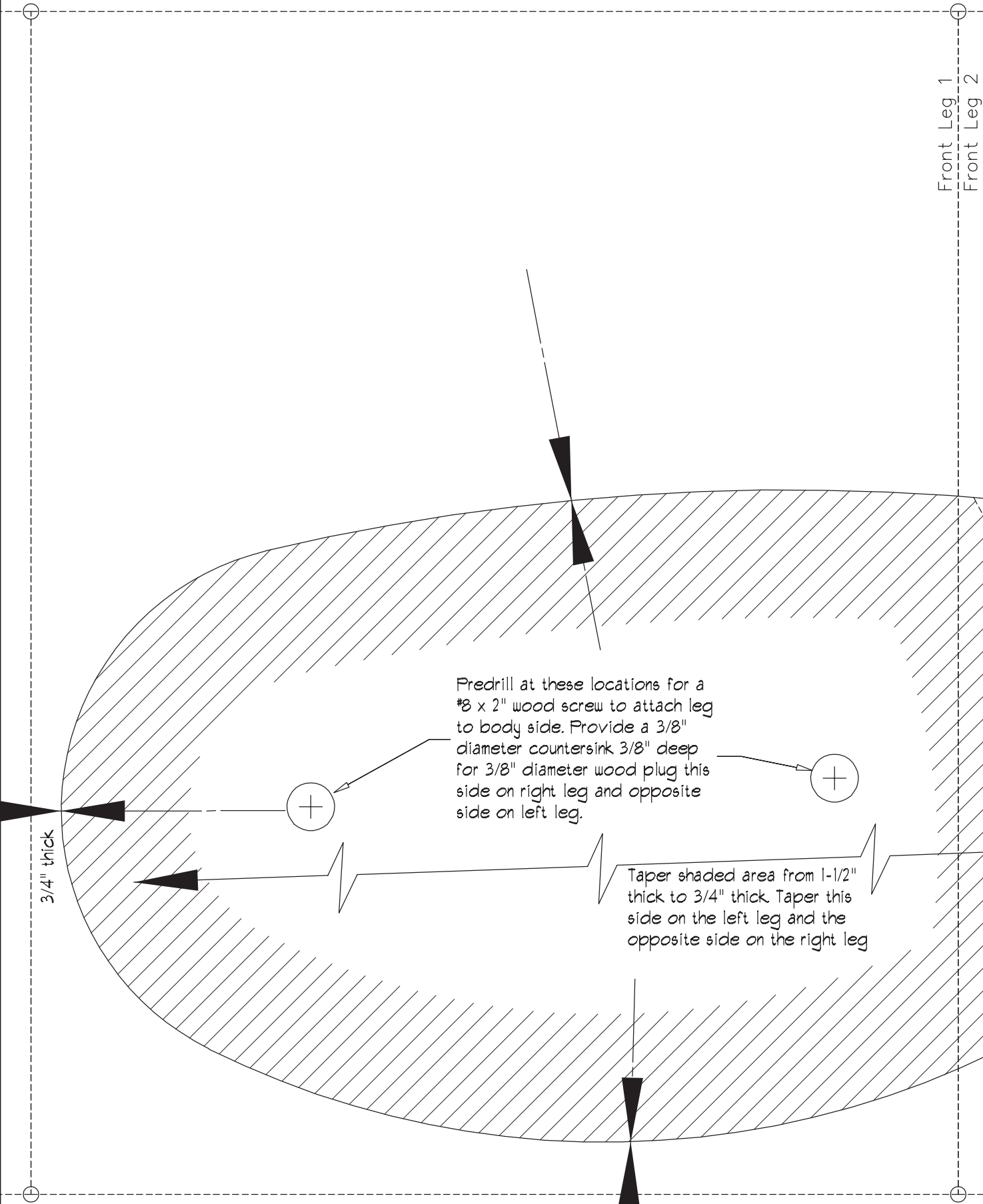
B.
Horse Neck & Head
(1) required
Cut from 1-1/2" stock

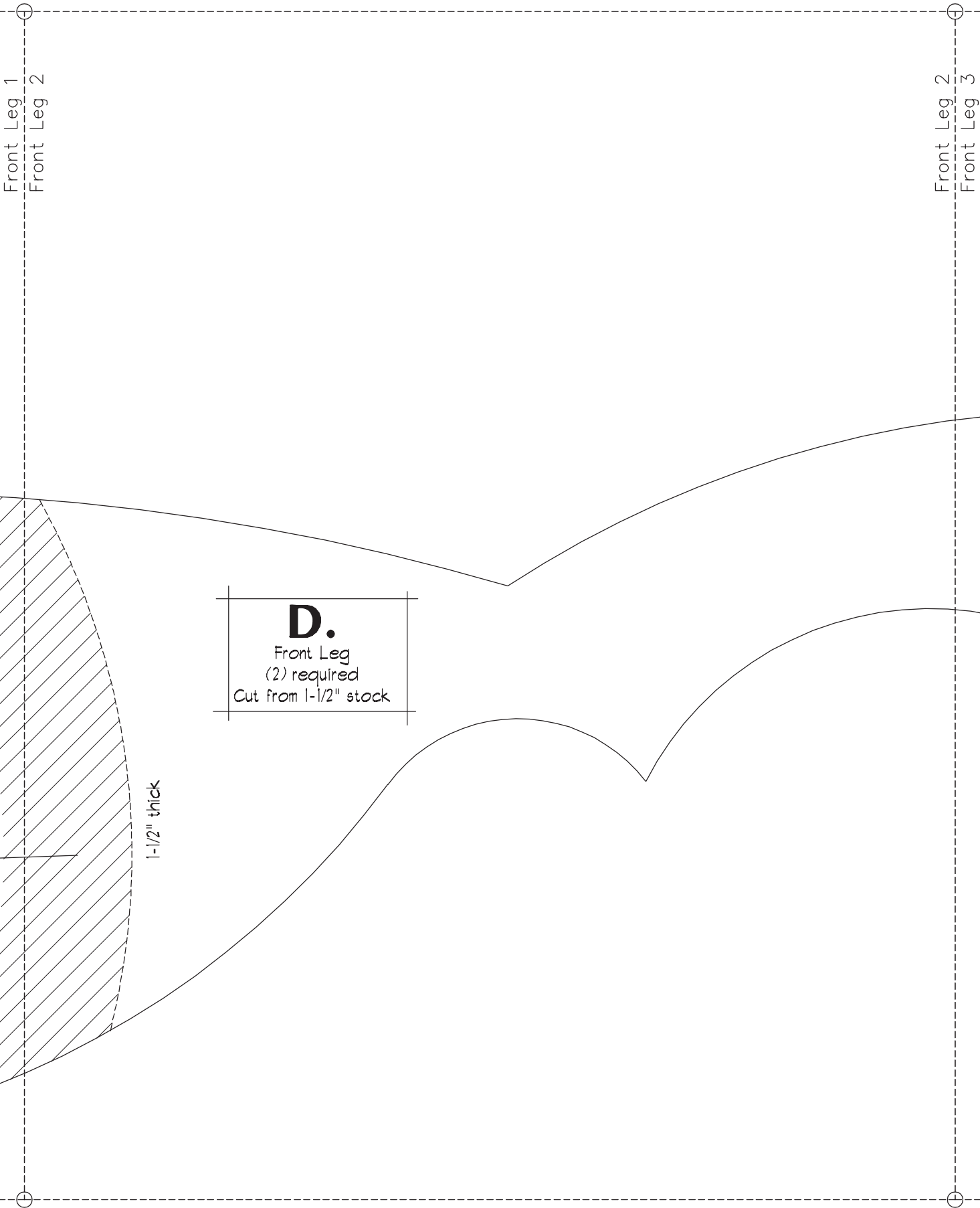
Neck / Head 1
Neck / Head 2



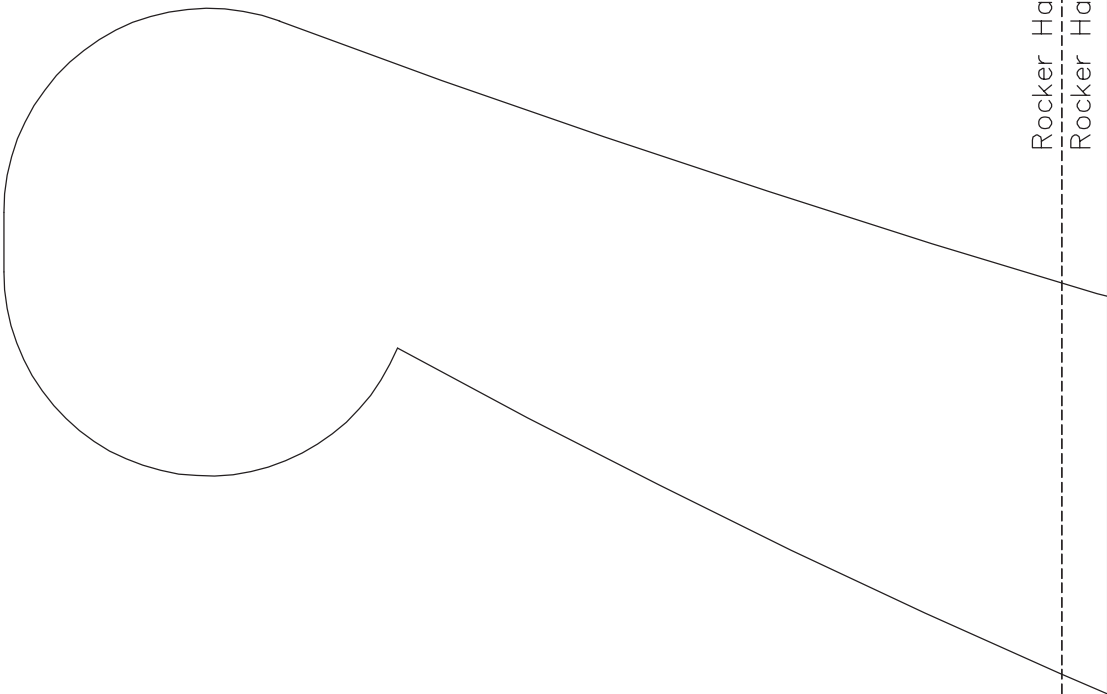


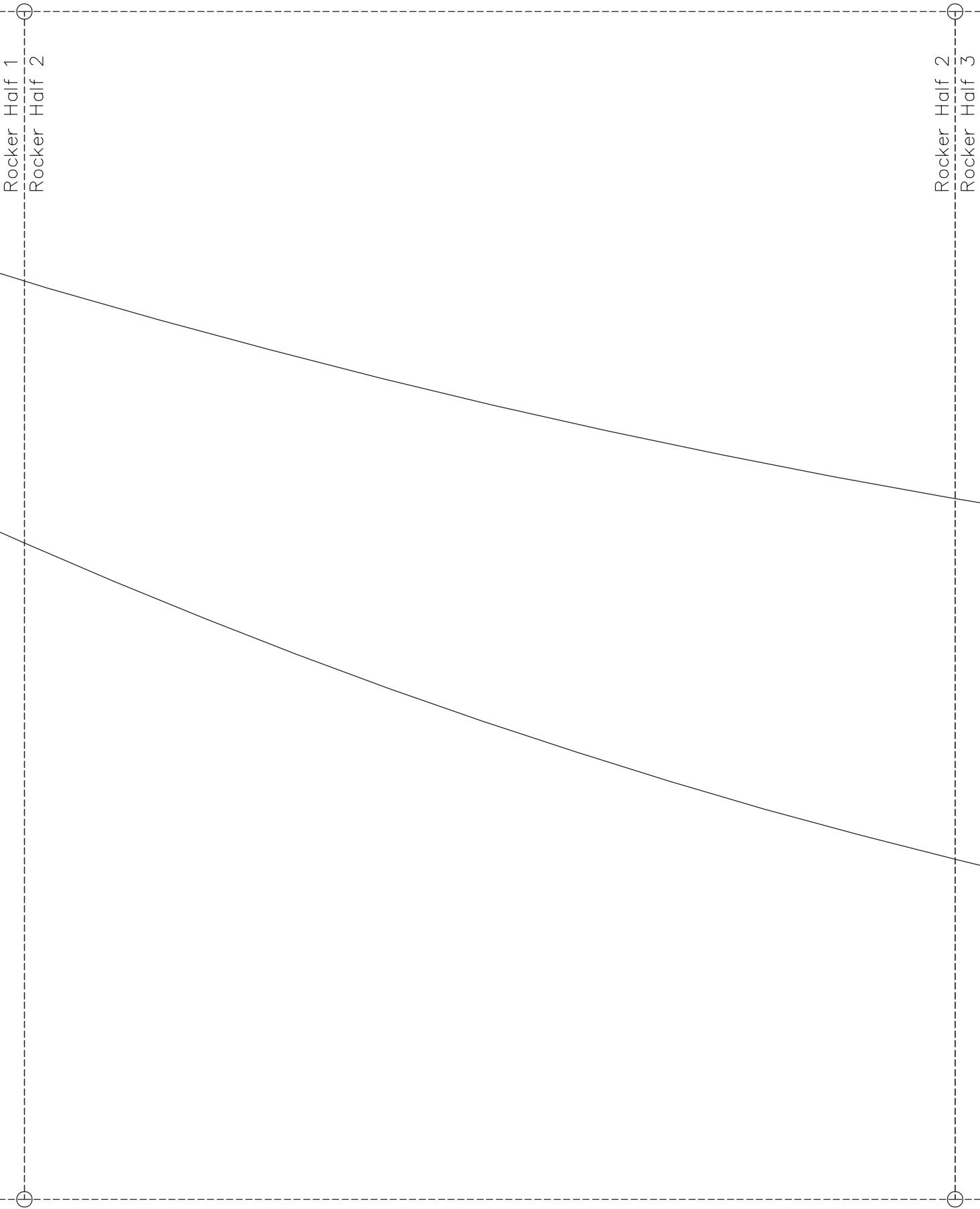






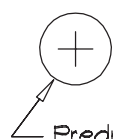
Front Leg 2
Front Leg 3











Predrill at these locations for a #8 x 1-5/8" wood screw to attach horse face to head. Provide a 3/8" diameter countersink 3/8" deep for 3/8" diameter wood plug this side on right piece and opposite side on left piece.

F.

Horse Face
(2) required
Cut from 3/4" stock



