

## Chip Carving Lesson 8

### Buffalo Plaque with Border

1. This lesson plan covers two tutorial sessions:

Drawing the **buffalo** is scheduled for February 2015  
Carving a **border** around it is scheduled for May 2015.

2. You will need a board at least 8" X 6 1/4" X 1/2". (can be carved on smaller or larger board or on a box top, but the border may look different than the figures provided. The Border should extend to about 1/2 inch from the edges of the board or box. I will have some boards with the buffalo already transferred available for cost. If you use your own board, transfer the buffalo picture to it before the class, I will place the figures in the Tutorial section of the SWA Web Site.

3. Figure 1 shows the buffalo ready for transfer to your board. Line up center lines with center lines on your board(box top) and transfer the picture to it . Figure 2 shows the buffalo on the plaque.

4. Carve the heavier/longer lines with your knife. Carve the chin whiskers with the knife almost straight up. Use the stab knife for the mane and end of the tail.

5. Use your engineer ruler or metric ruler to make tick marks for drawing the border as shown in Figure 3. All measurements are made from the center of the board. The three outer marks and the three inner marks are 1/12 "(2mm) apart. The four other lines are 1/6"(4mm) apart. Leave about 1/2" from the edges.

6. Use your T-square to draw the border pattern (Figure 4).

7. Add the rest of the tick marks with your ruler at 1/6th inch intervals as in Figure 5.

8. Use the marks added above to complete the border Grid (Figure 6).

9. Use the completed grid to cut the long traces (Figure 7).

10. Use the completed grid to start cutting three-sided chips, start at the center line on each side (Very Important) (Figure 8).

11. Use the remaining Figures and Chip Lesson 2 (SWA Web site Tutorials) to complete the border. Use Chip Lesson 5 to carve the corner medallion.

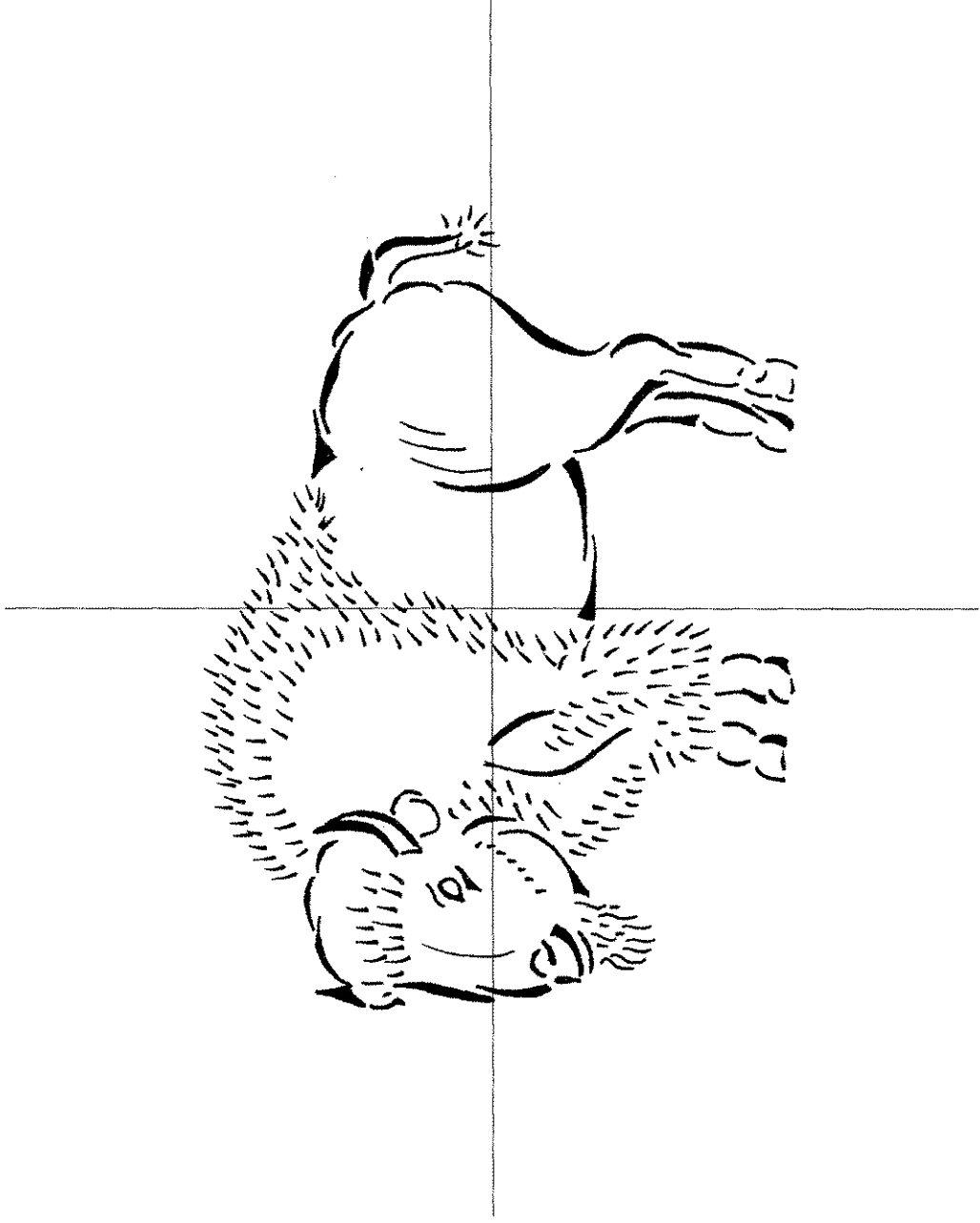


Figure 1. Buffalo

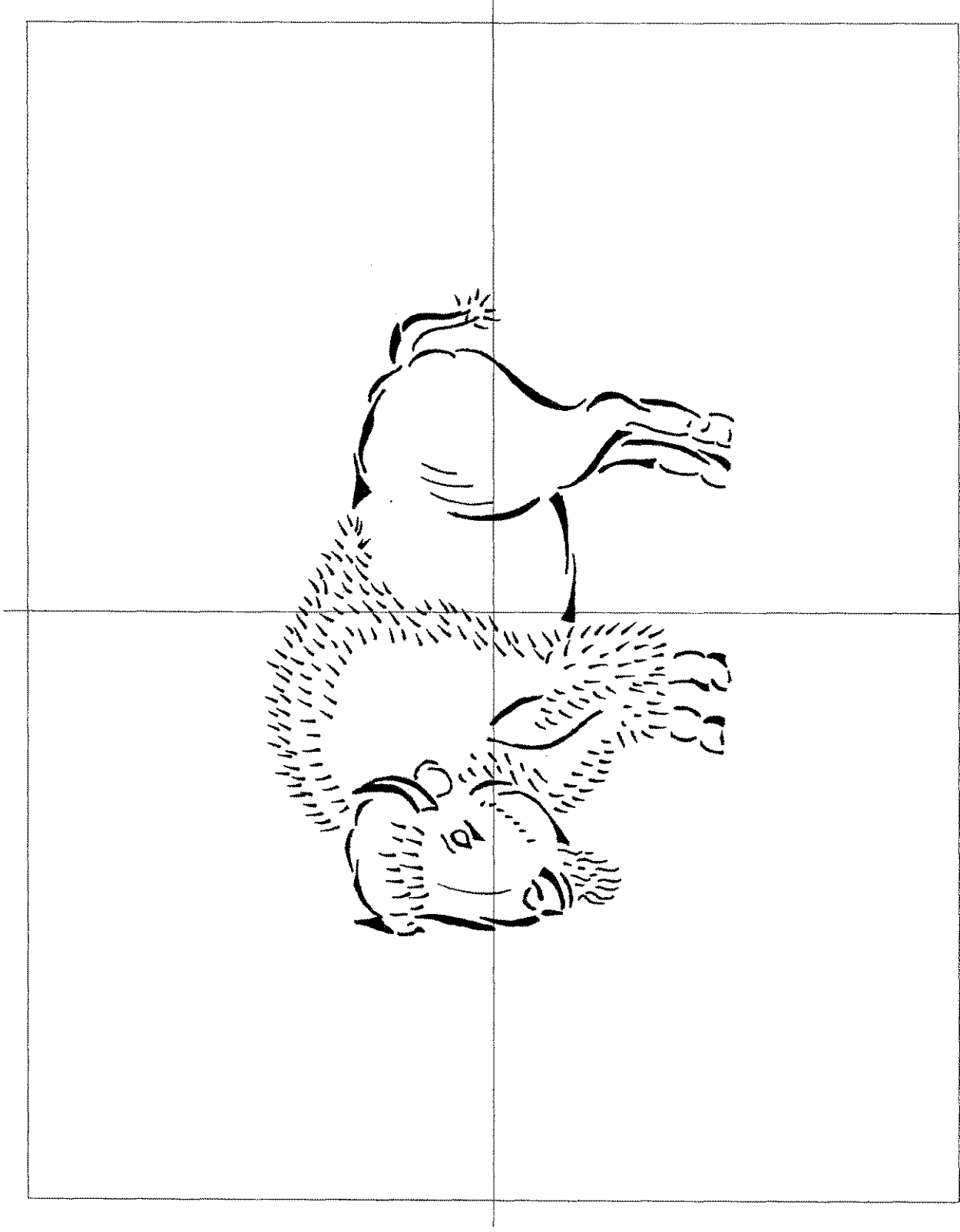


Figure 2. Buffalo on Plaque(Boxtop)

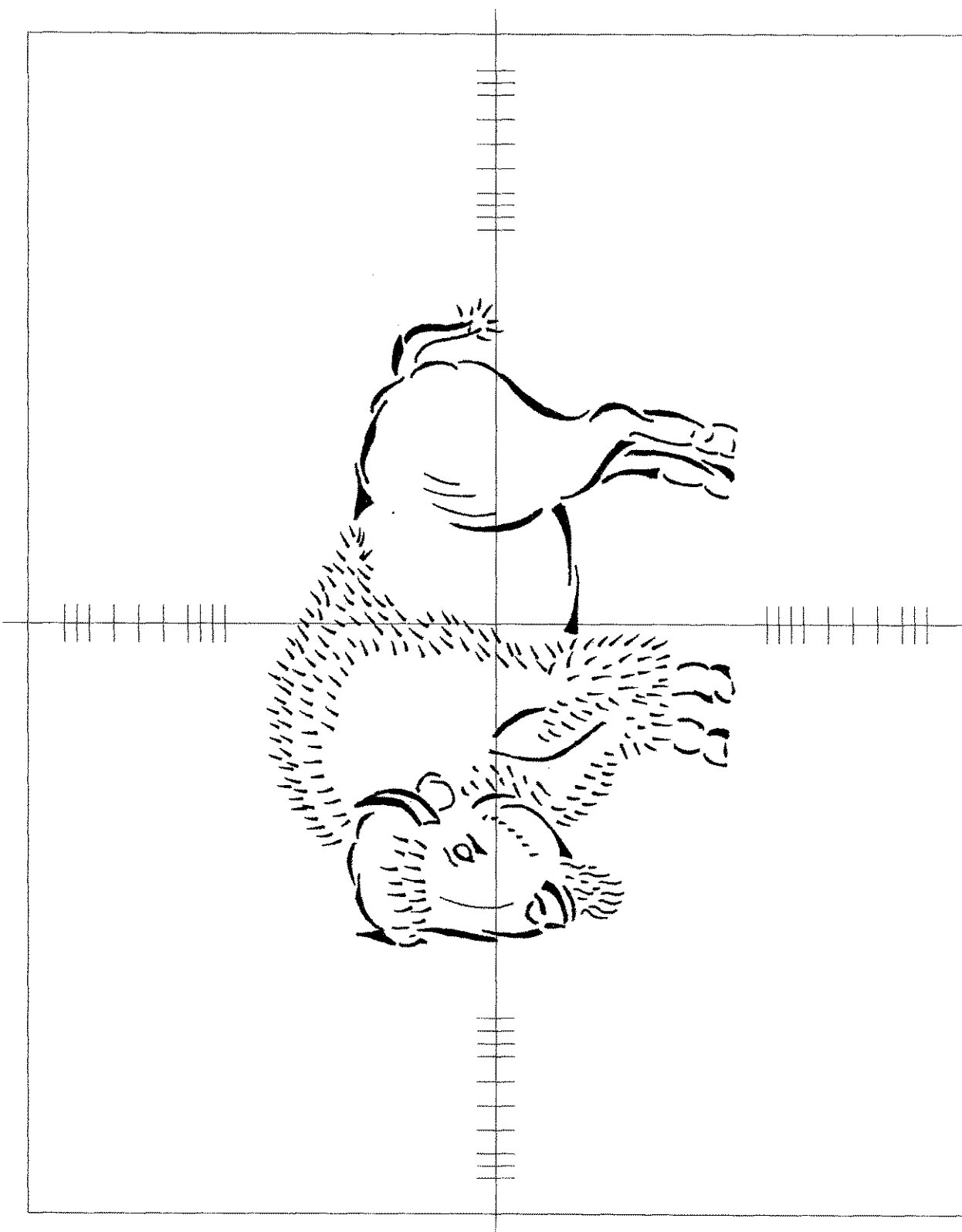


Figure 3. Tick Marks for Border

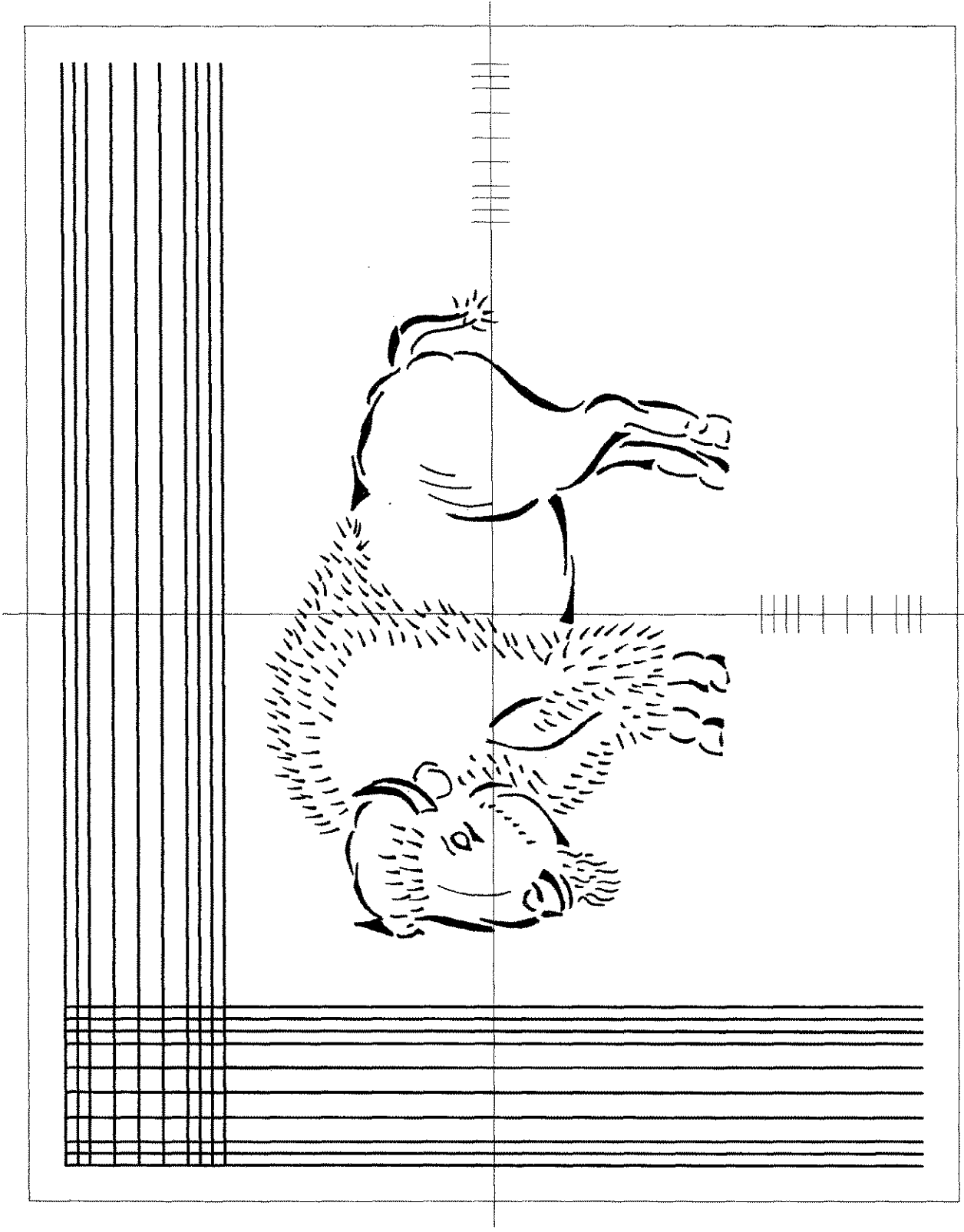


Figure 4. Border Long Lines

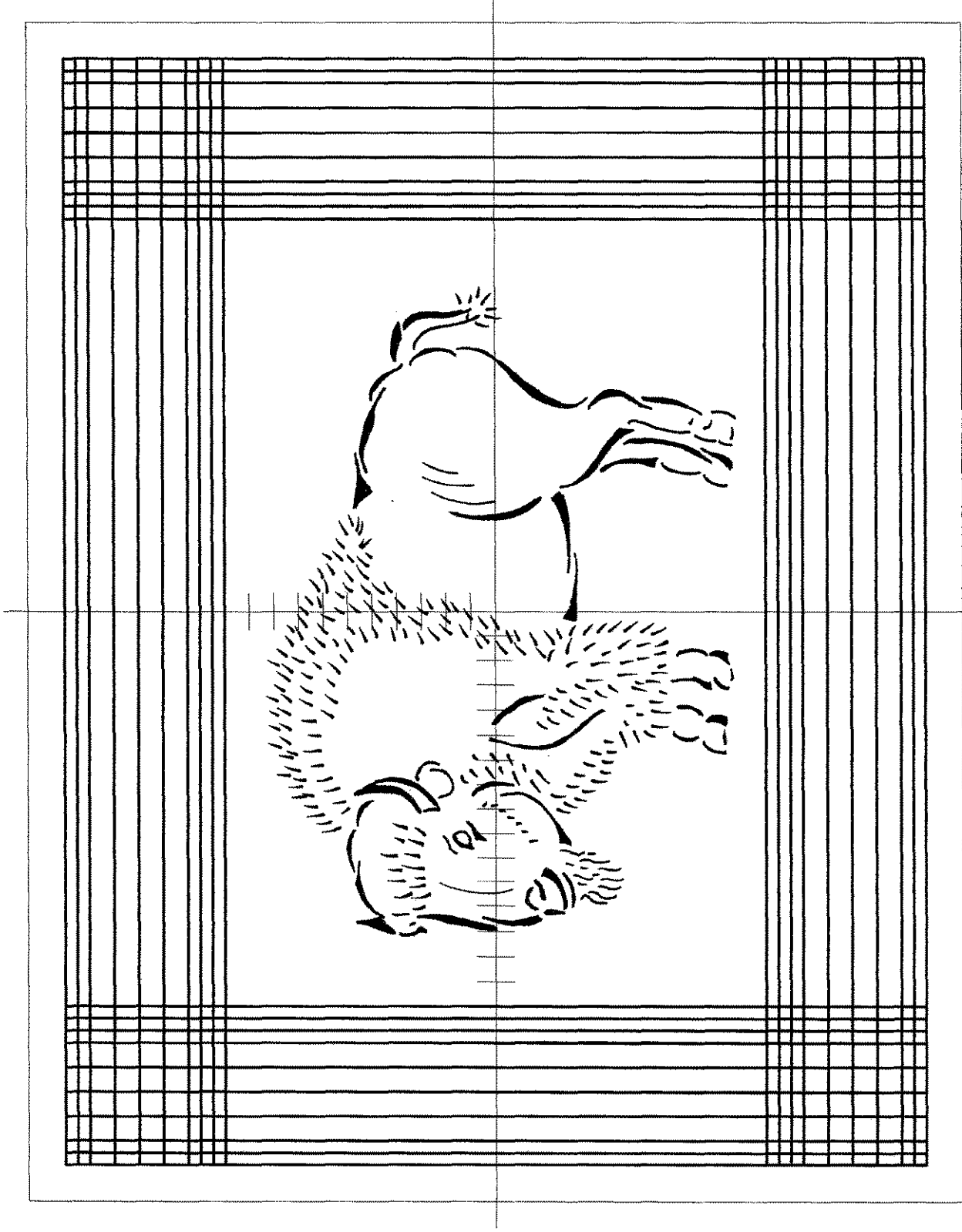


Figure 5. Finish Tick Marks

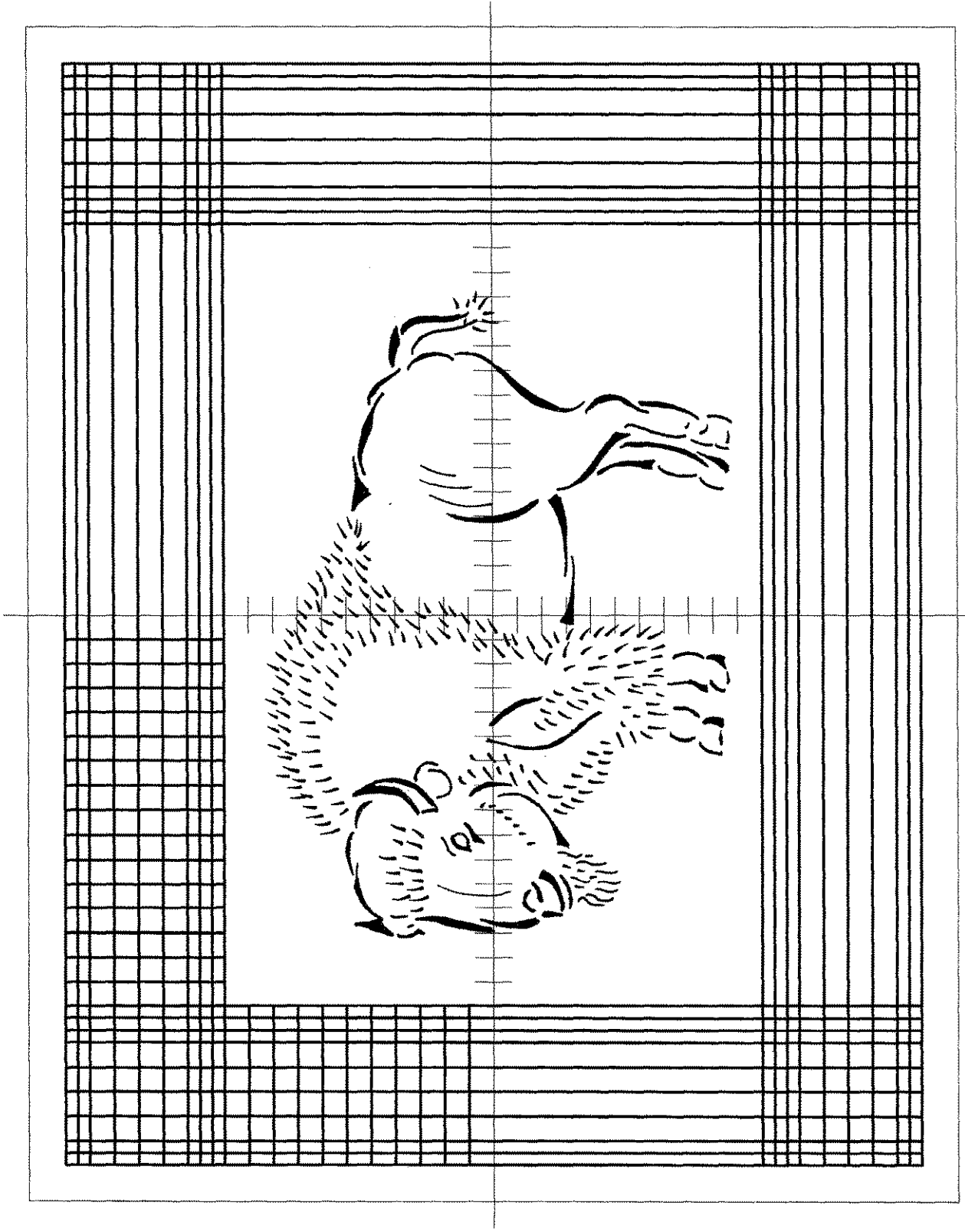


Figure 6. Border Short Lines

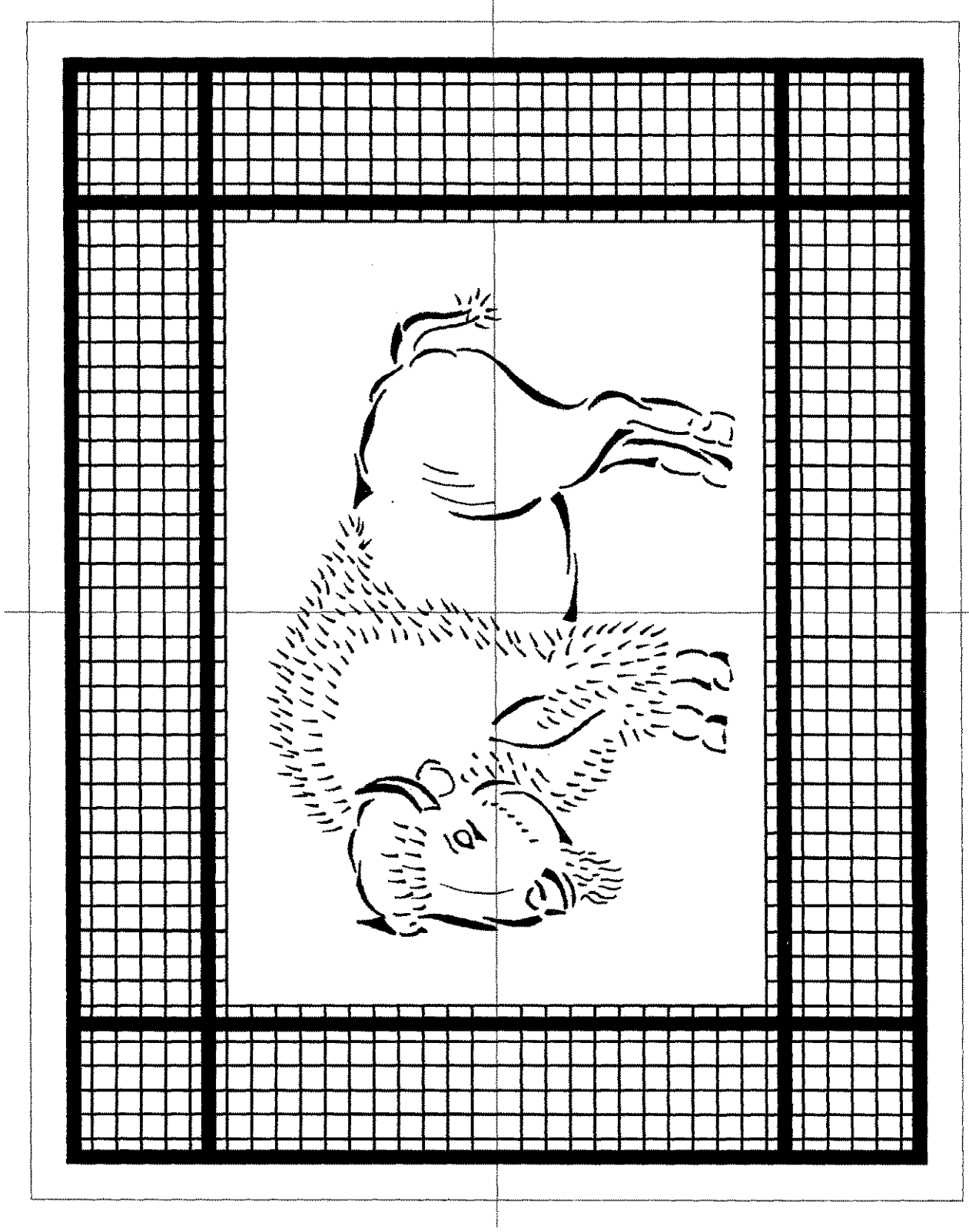


Figure 7. Cut Border Long Traces



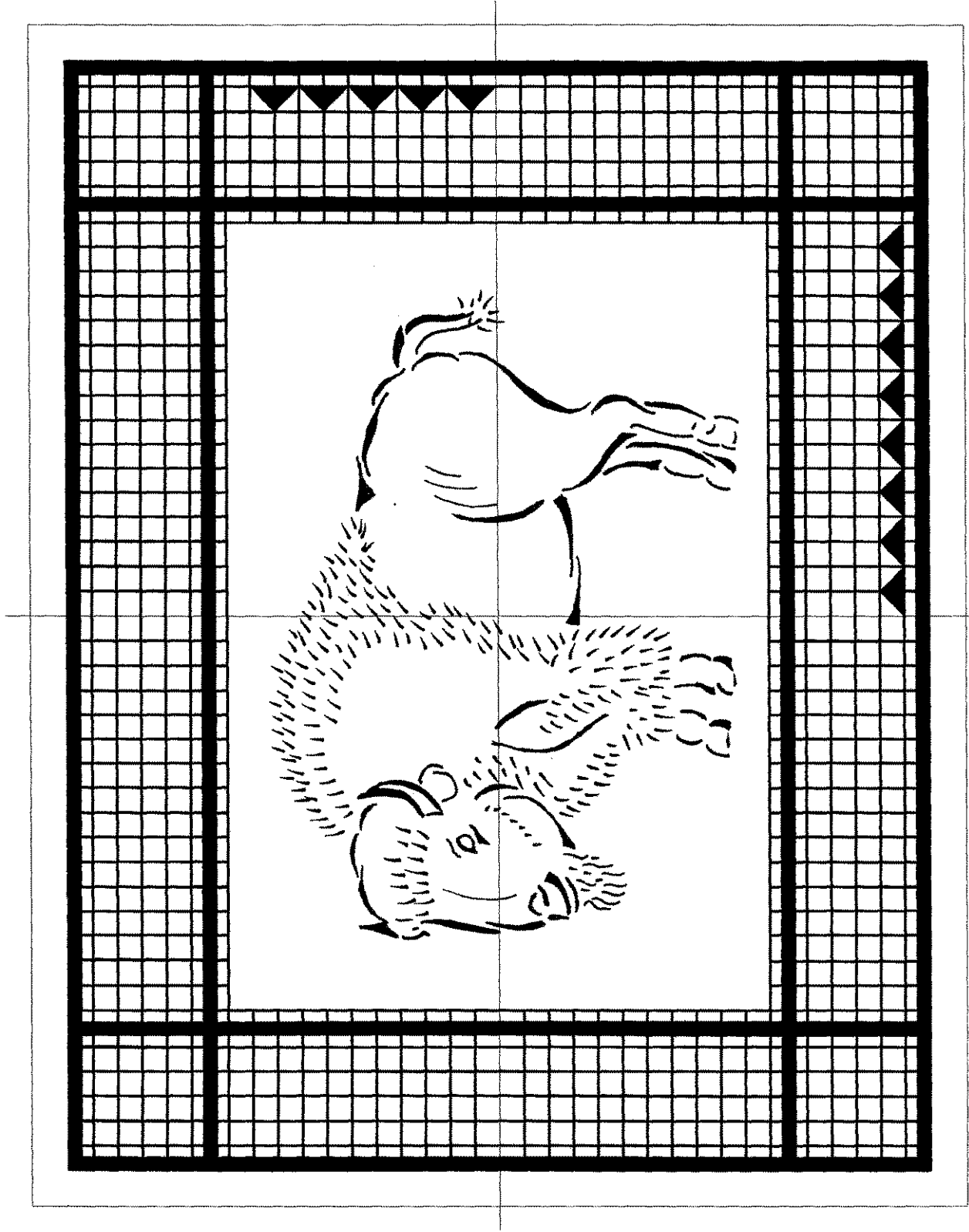


Figure 8. Start Three-Sided Chips at Center Line

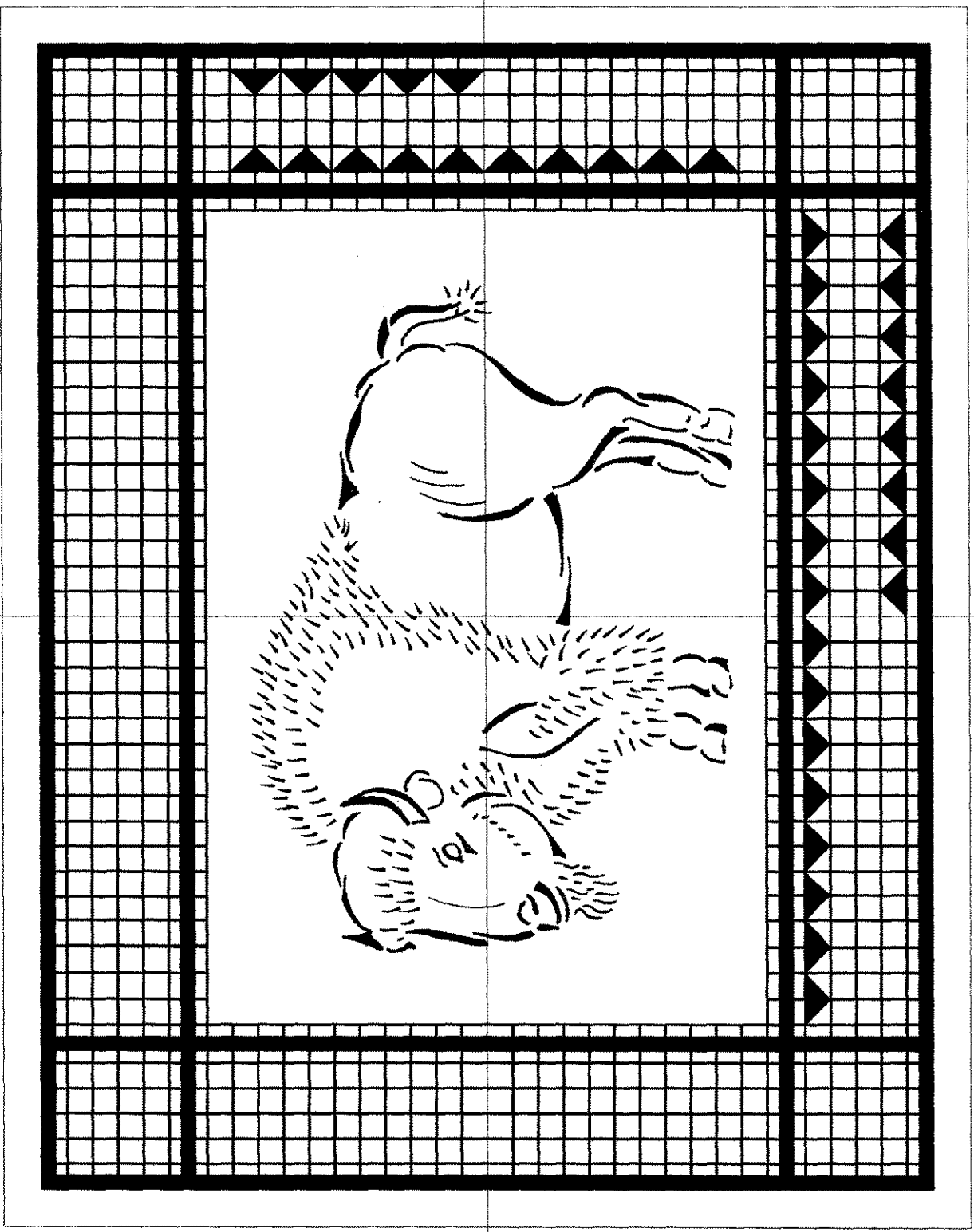


Figure 9. Finish Three-Sided Chips  
Point-to-Point

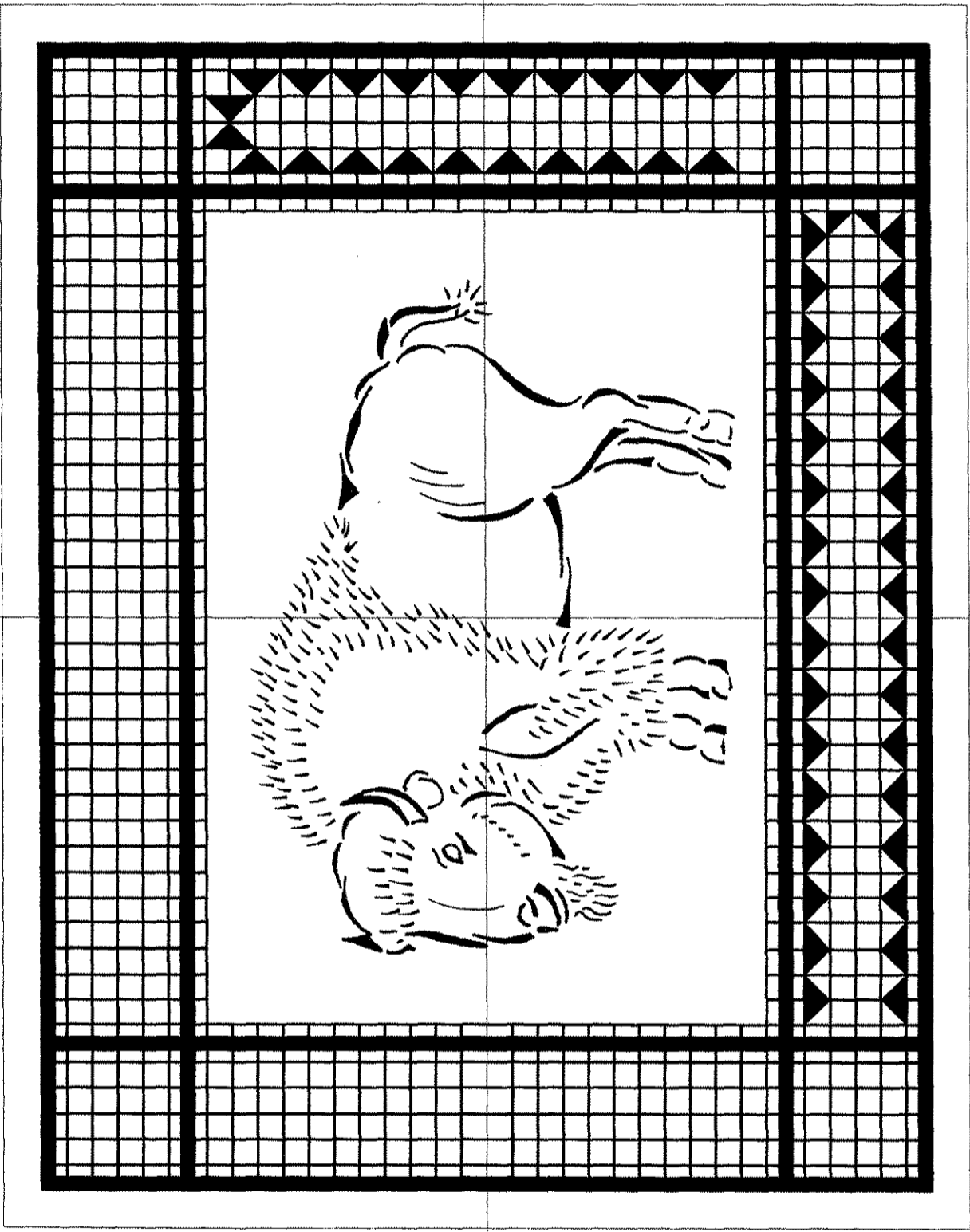


Figure 10. Half Chip-Full Chip

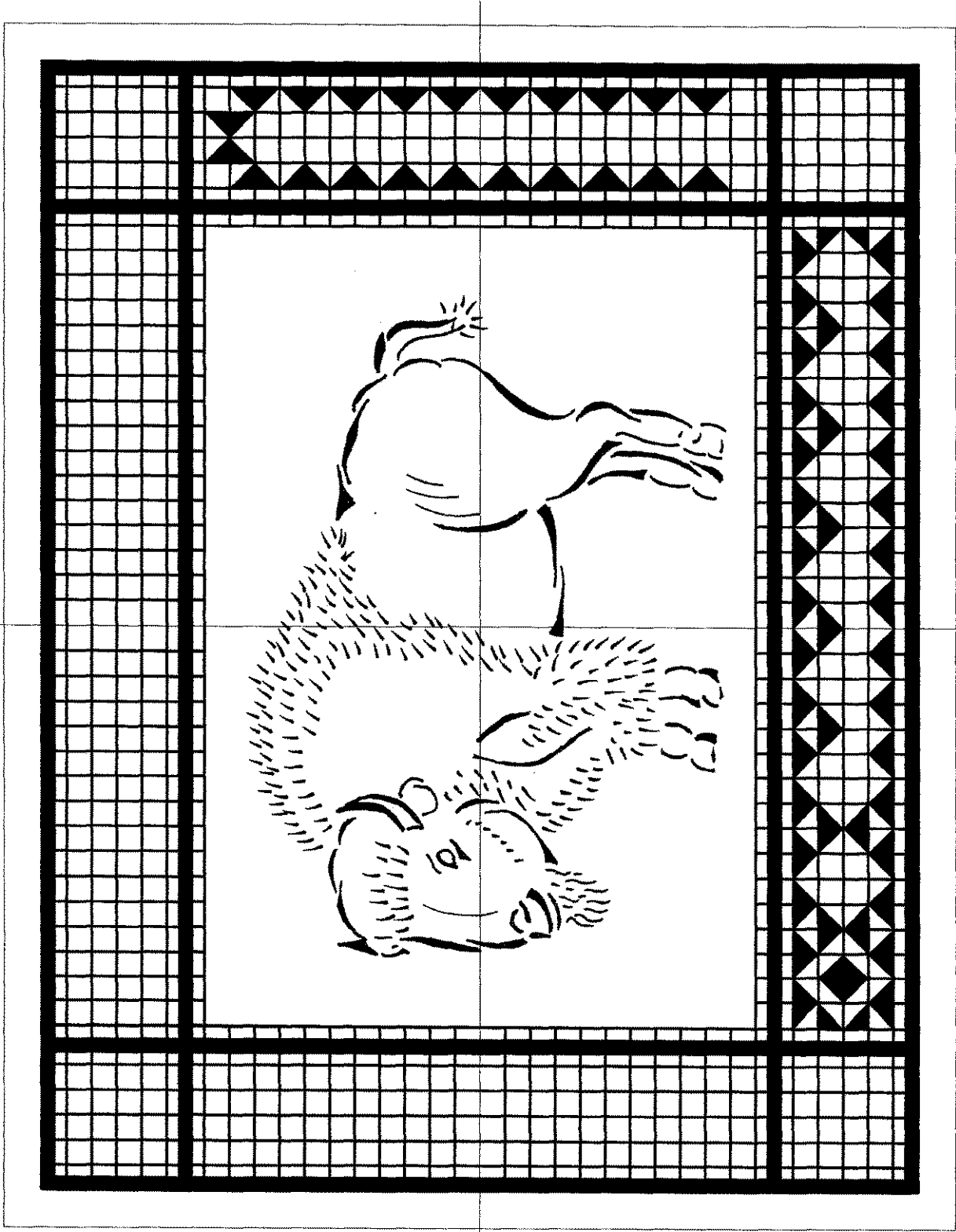


Figure 11. Finish Border  
(See Lessons 2 & 5)

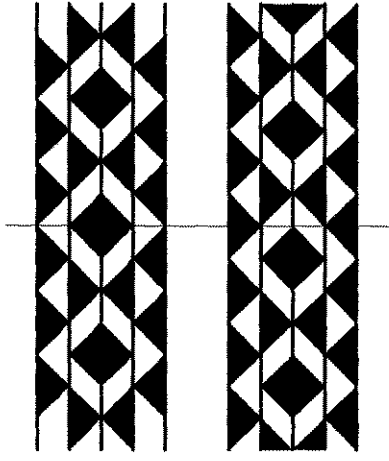


Figure 12. Odd Number Demonstration