

Sorter V2 bin - HALF size - hand cutting template

Makes one bin. A half-size layer takes 12: six left and six right, all from this one template.

You need

A paper printer - A4 paper, or thin card stock, for the template - cardboard
4, 5 or 6 mm - sharp knife - metal ruler - ruler or tape measure - sticky
tape - hot glue gun - a pin

1. Print every sheet at 100%.

Set Scale to 100% or Actual size, not Fit to Page. Thin card stock lasts longer than paper.

2. Once printed, measure the bar at the foot of each page.

It must be 100 mm. If it is not, the print is scaled: fix the setting and print again.

3. Tape the sheets together.

Each overlap carries crosses, marked V1.1, H1.2 and so on. The same cross is on both sheets. Lay one sheet over the other so the crosses line up exactly, then tape. Columns first, then rows.

4. Measure the thickness of the cardboard.

Three outlines are printed on top of each other, one per thickness. Solid is 4 mm, dashed is 5 mm, dash-dot is 6 mm, each tagged along its length. Follow the one that matches, ignore the other two.

5. Line the arrow up with the flutes, then trace.

The long double-headed arrow marked FLUTES is the grain line. Turn the template until it runs the same way as the corrugations in your cardboard. Tape it down, draw round your line, then lift it off. Do not cut against the paper: you need this template a dozen times.

6. Cut the outline.

At the toothed edge follow the dotted straight line instead: those teeth are far too fine to cut by hand, and without them the bin still sits in the frame, it just slides along the rail. The heavy line is the last fold: score it, or cut along it and tape that joint. Skip the two small rectangles, they are for a laser cut seam.

7. Score the folds.

The grey lines are folds. Score the face that will be INSIDE the bin, cutting the inner liner only, then fold towards the score. At 6 mm take several light passes. Test on an offcut first.

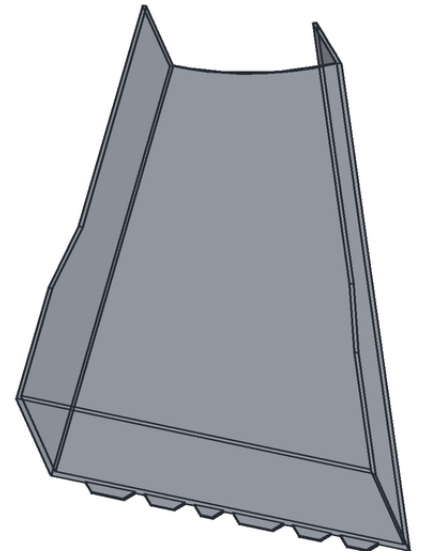
8. Fold and glue.

Hot glue the corners. The folds on their own do not hold in corrugated cardboard.

Left or right: one blank makes both.

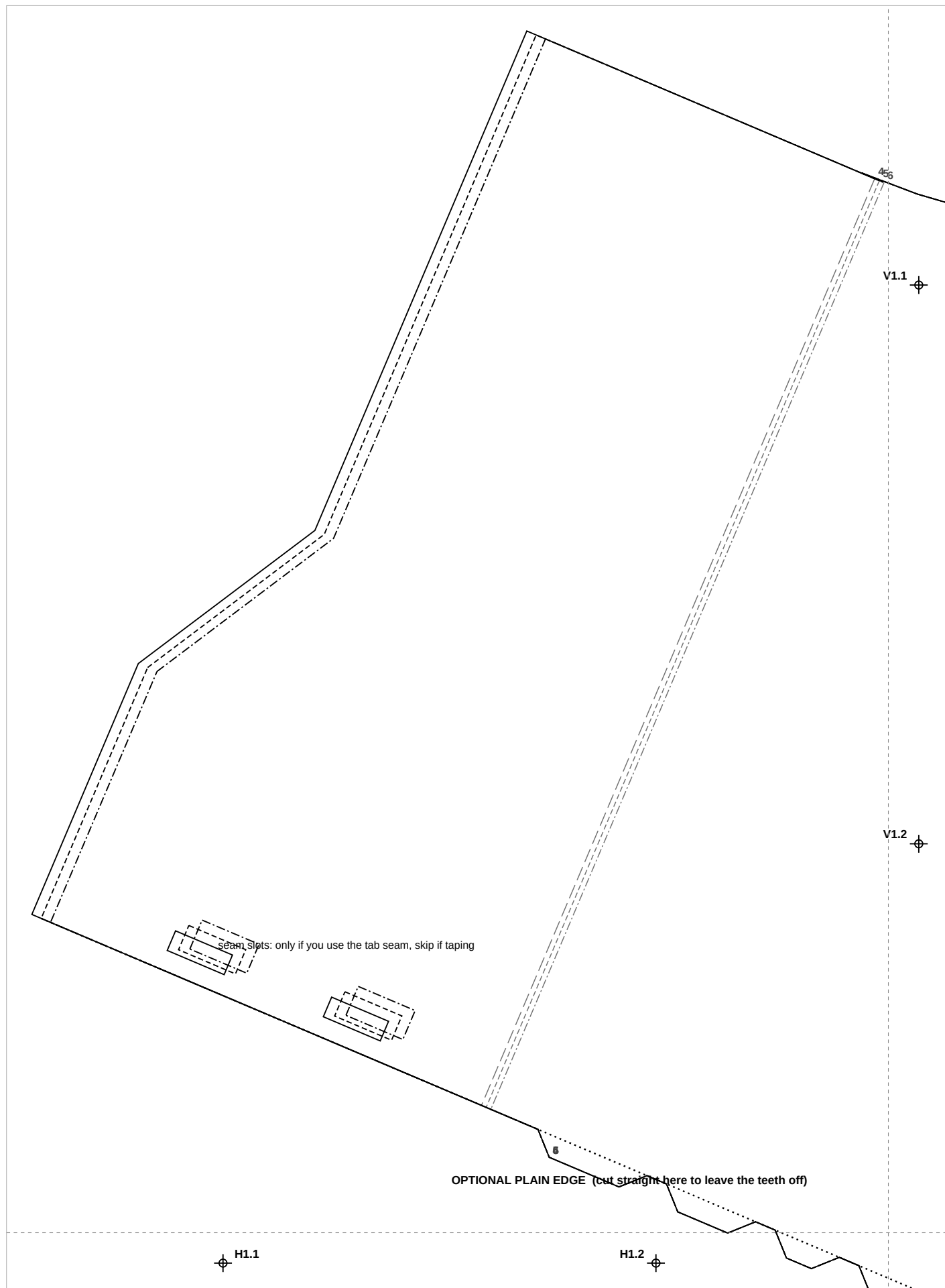
The face you score becomes the inside, so scoring the other face gives the mirror bin. To move the fold lines to the back, push a pin through both ends of every fold, turn the card over, and join the holes with a ruler.

Which is which: dry-fold the paper both ways and hold it to an empty bay. The toothed edge goes along the bottom front against the rail, and the narrow end points at the middle of the machine. Only one fold does that. Write it on the template.



Sheet layout: 4 sheets, 2 across x 2 down

sheet 1	sheet 2
sheet 3	sheet 4

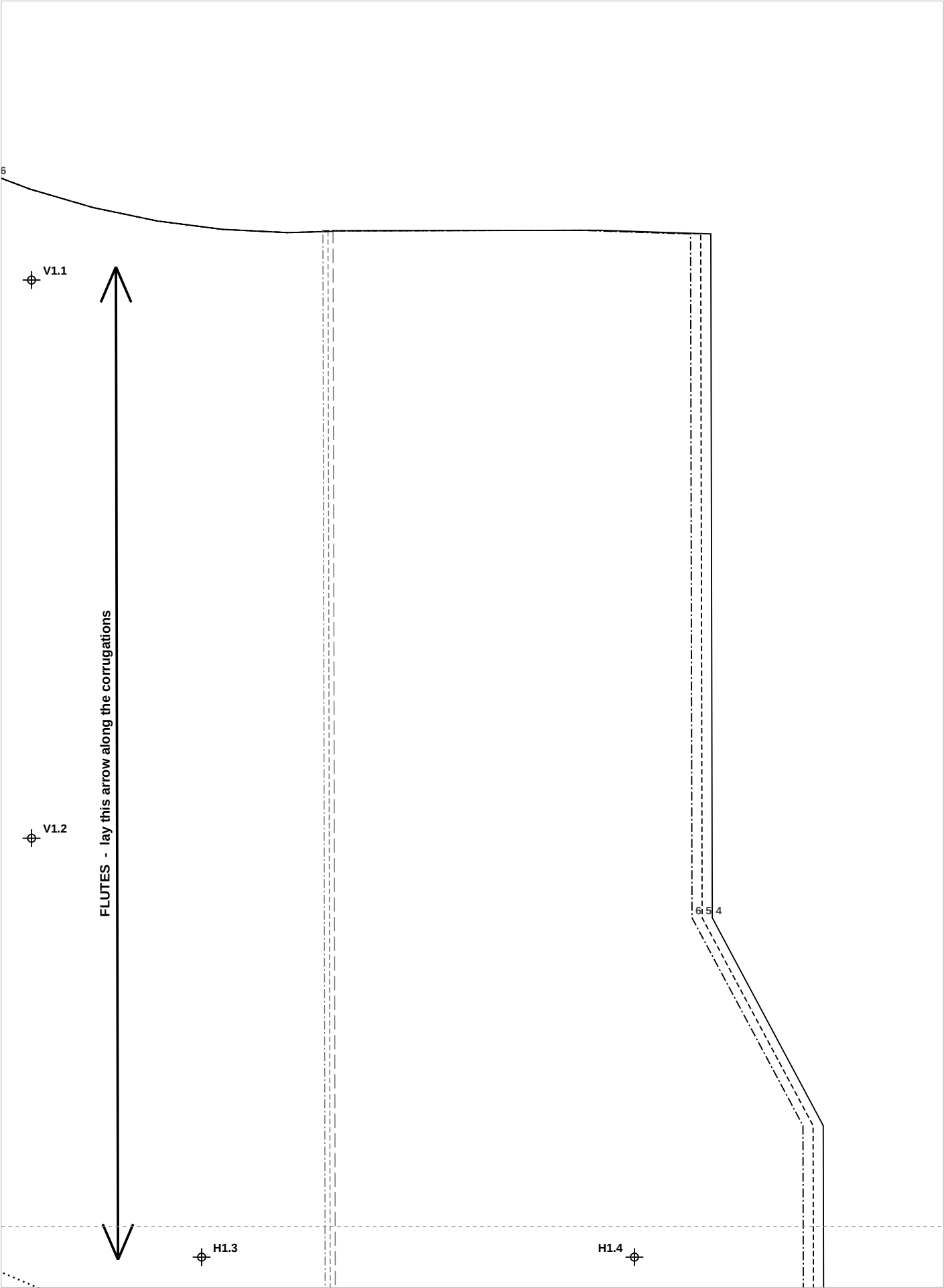


PRINT AT 100% / ACTUAL SIZE. Do not use Fit to Page or Shrink to Fit.

SAME BLANK, BOTH HANDS: score one face for a left bin, the other face for a right bin.

SCORING: score the face that will be INSIDE the bin, then fold towards the score.

Dry-fold the paper first: toothed edge along the bottom front, narrow end towards the middle.



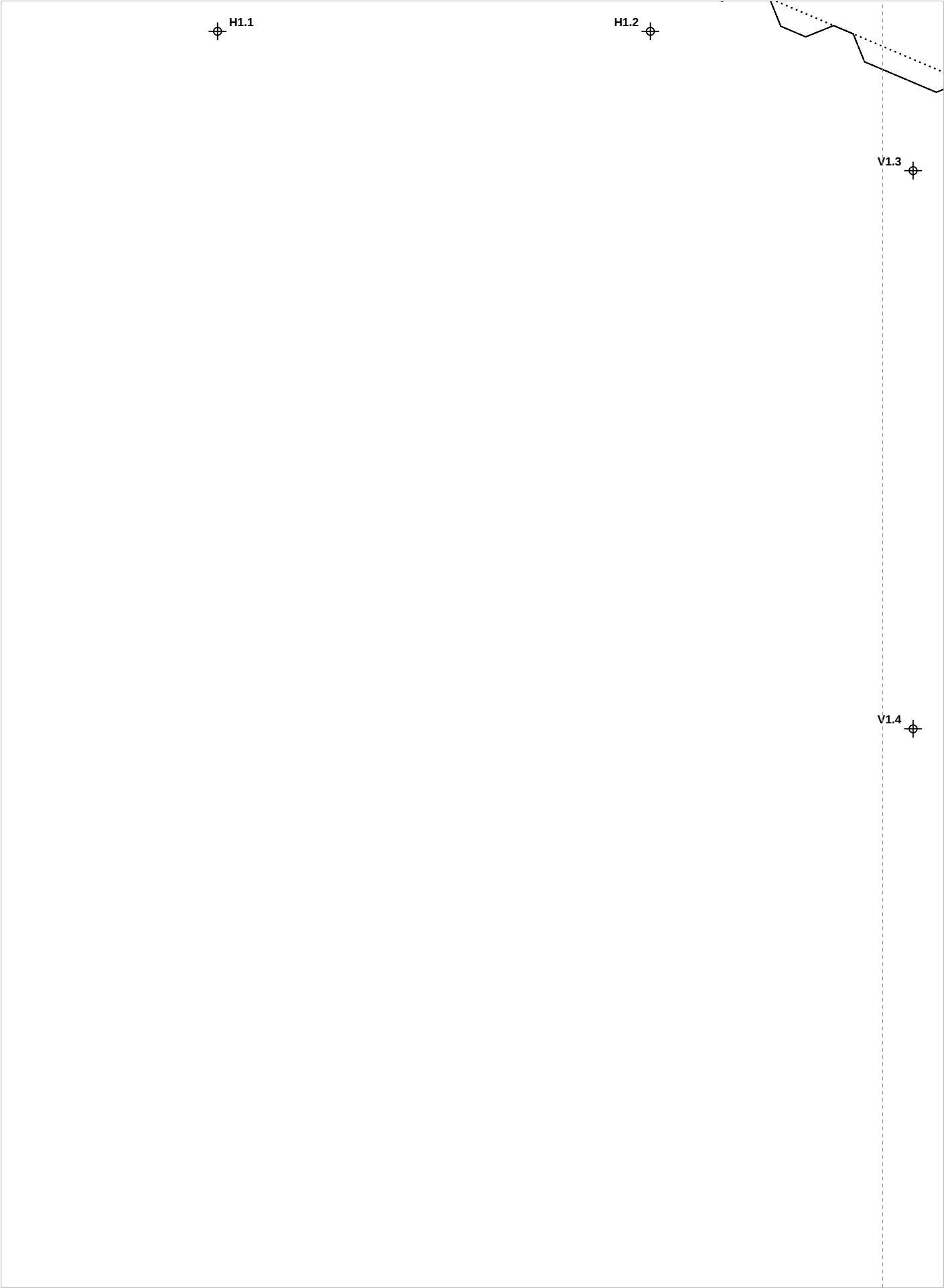
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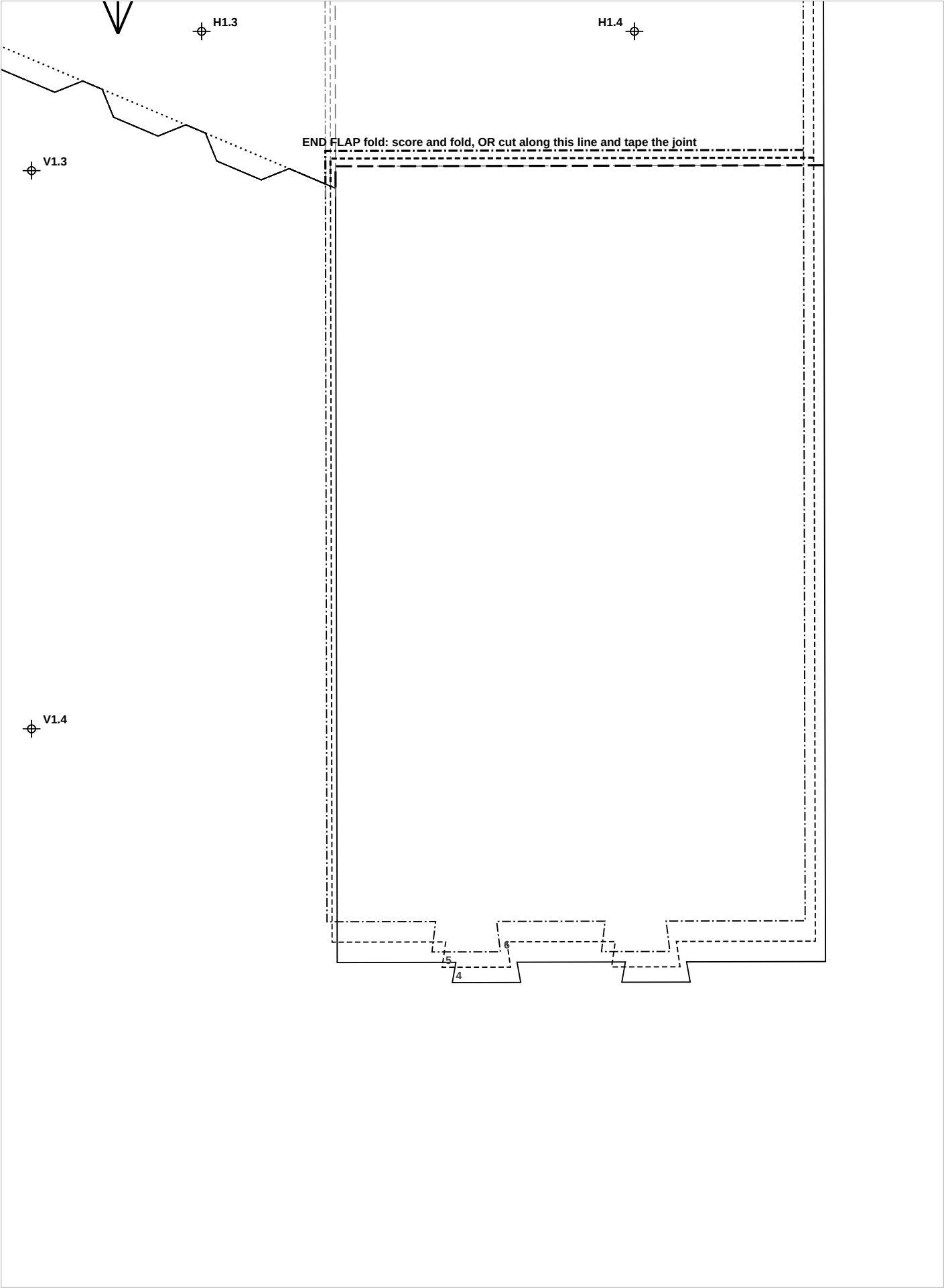
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