

Superchunk Bass Trap Plans

Taming low sound frequencies is an important part of getting any studio space to sound its best. Superchunks are a very effective type of bass trap, combining density and depth of insulation material in the corners of a room. Smaller rooms are especially in need of bass treatment, but typical plans for superchunks take up too much room. These plans show the typical approach followed by plans for medium-sized superchunks. These offer the advantages of taking up less space in a small room, as well as getting more bass trap height from each panel of material.

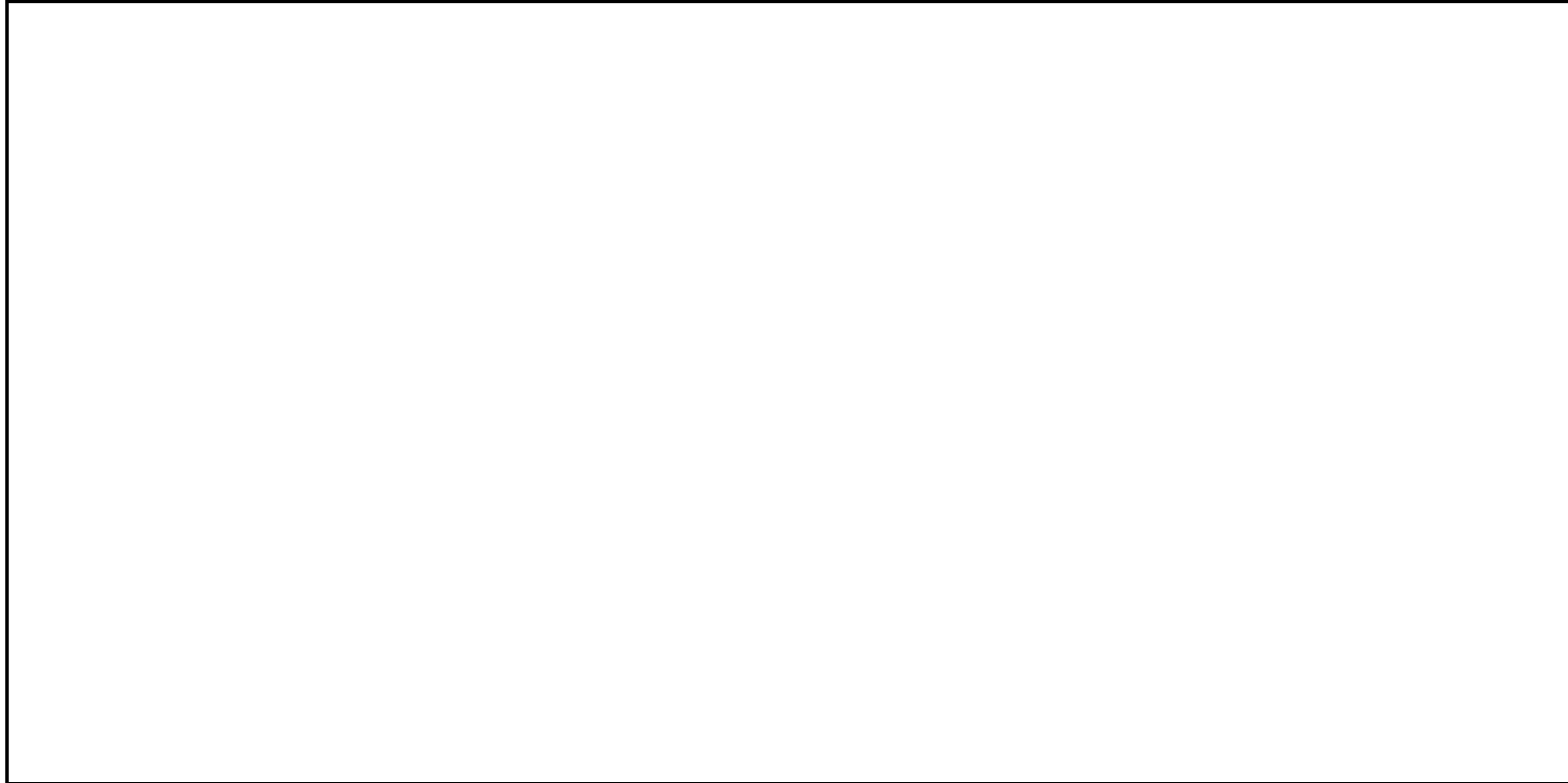
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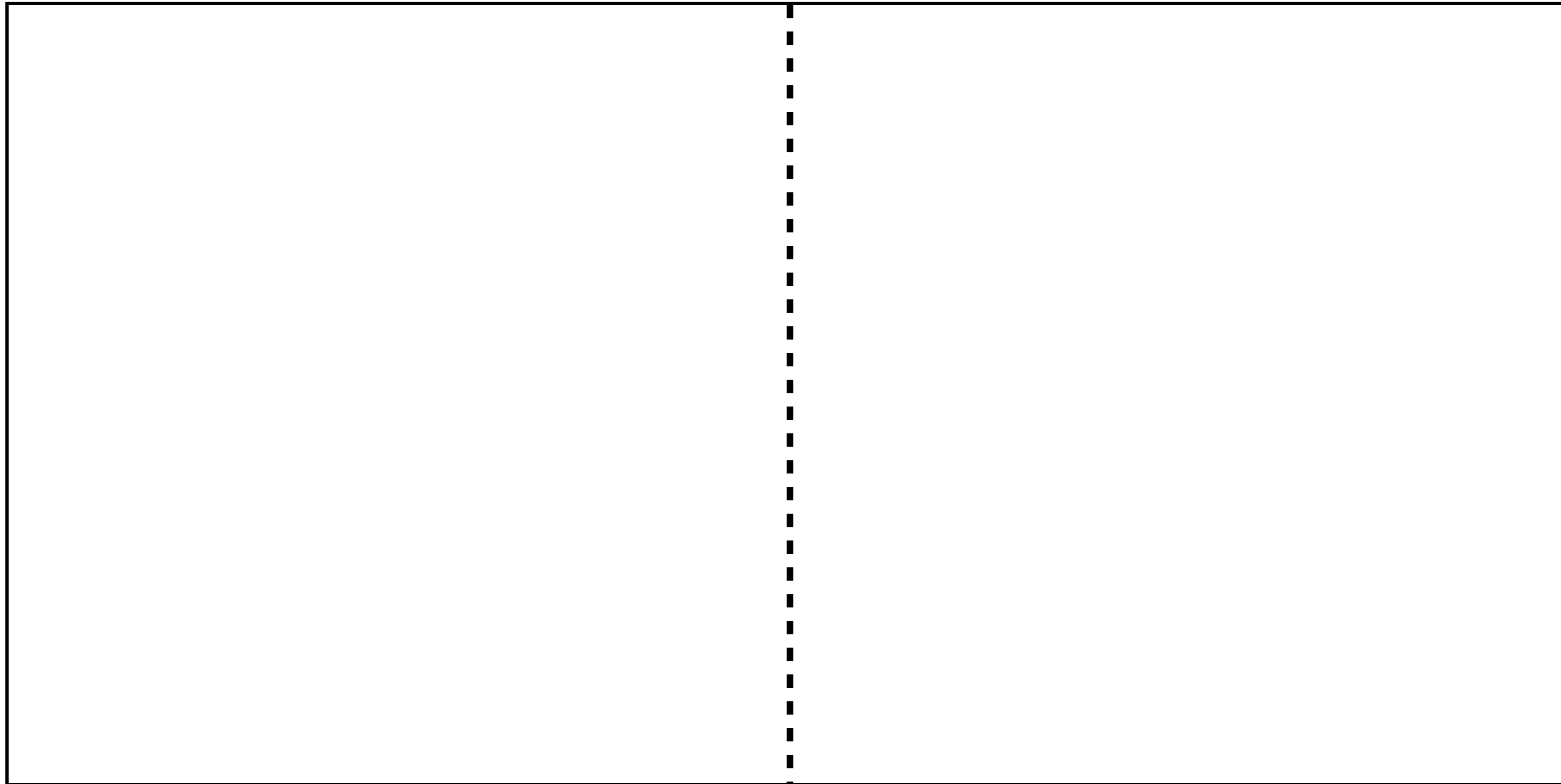
Directions for large superchunks 24 inches x 24 inches by 34 inches

48 inch x 24 inch panel of rock wool / mineral wool



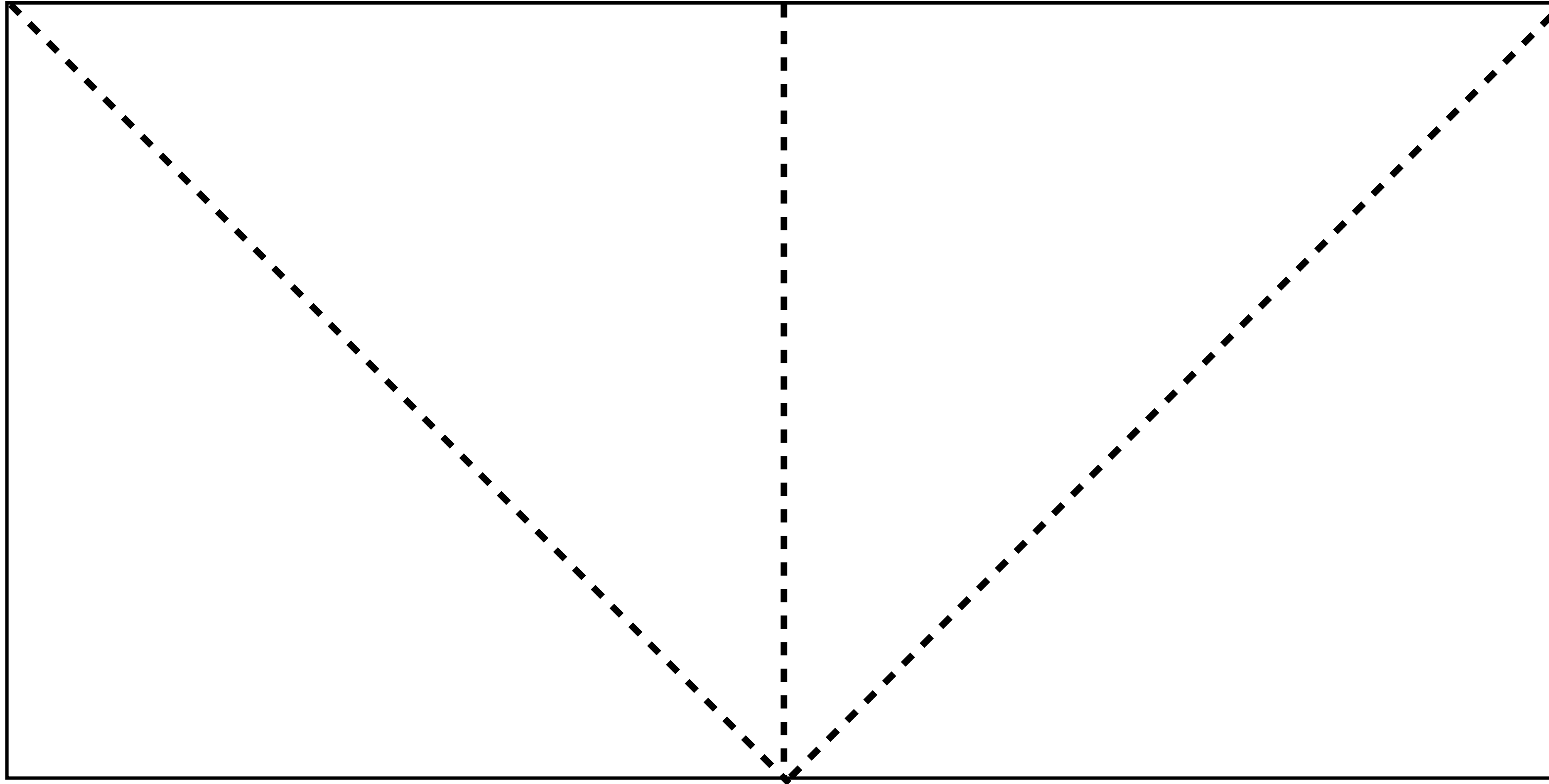
Directions for large superchunks 24 inches x 24 inches by 34 inches

Cut the panel in half as shown, using an inexpensive serrated bread knife (don't use a good knife, because your knife will be worn out at the end of this process). The result is two square pieces.



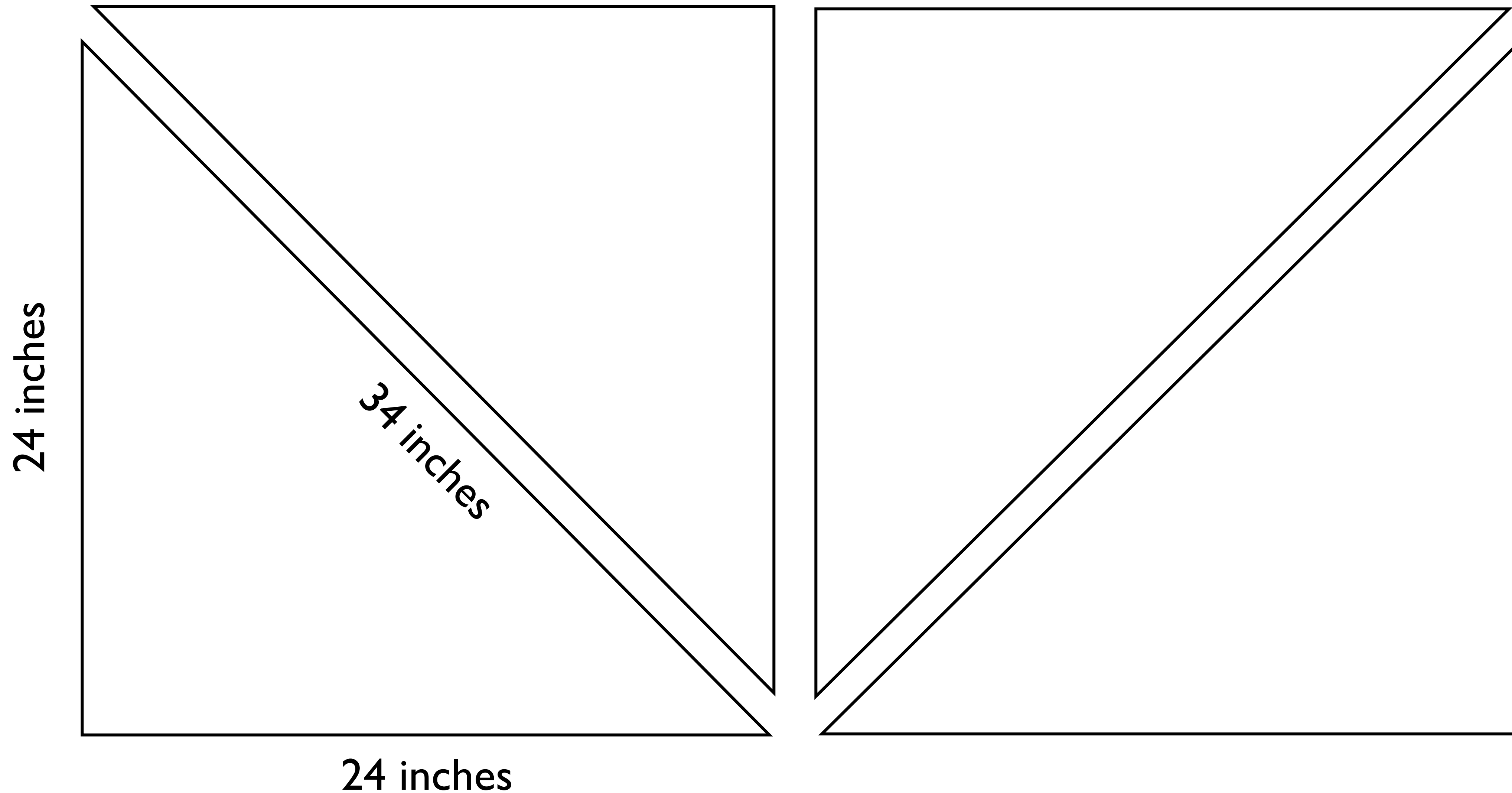
Directions for large superchunks 24 inches x 24 inches by 34 inches

Cut both squares diagonally to yield four triangles.



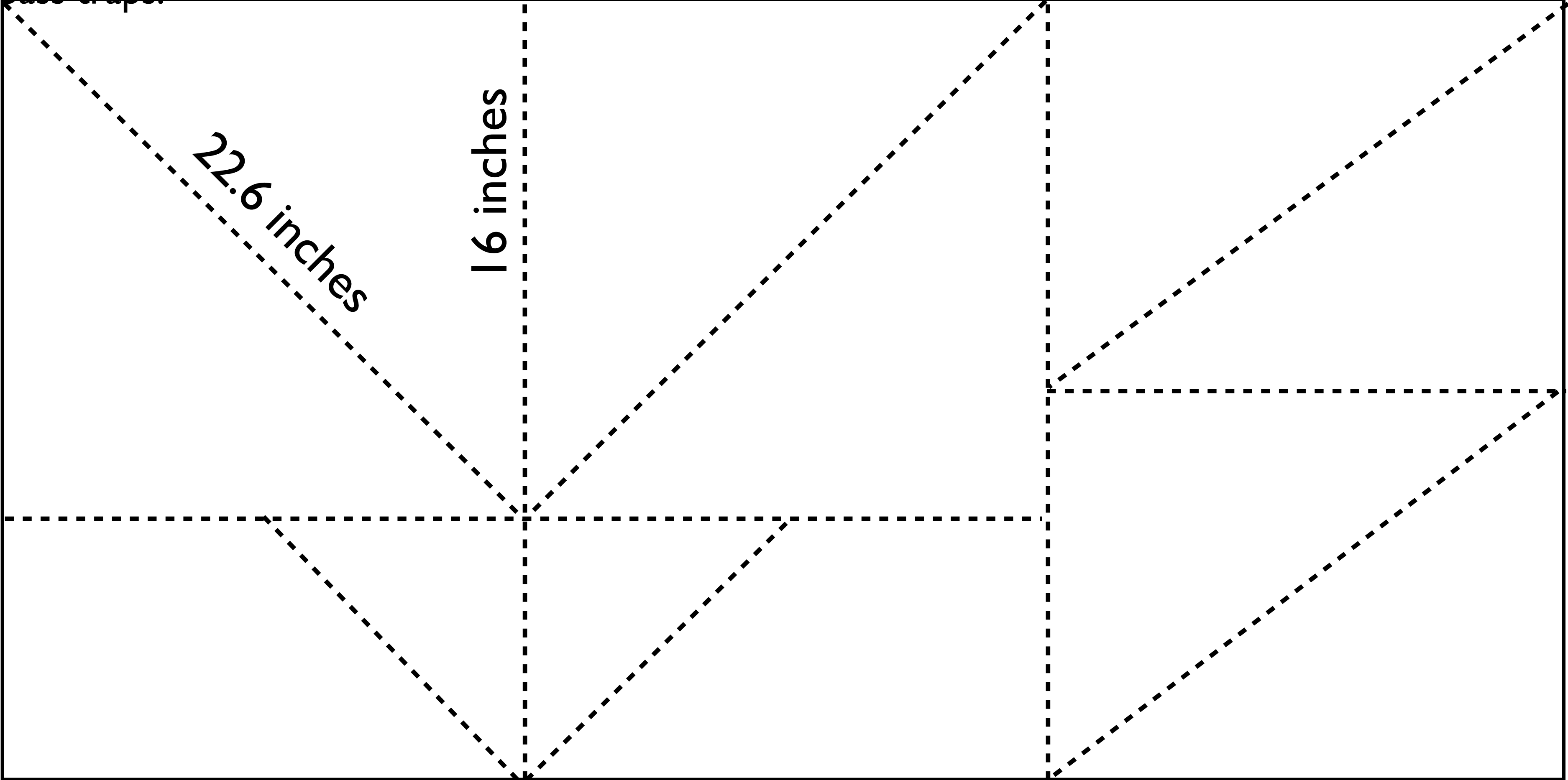
Directions for large superchunks 24 inches x 24 inches by 34 inches

Stack these triangles from floor to ceiling in the corners of your room to assemble the bass traps.



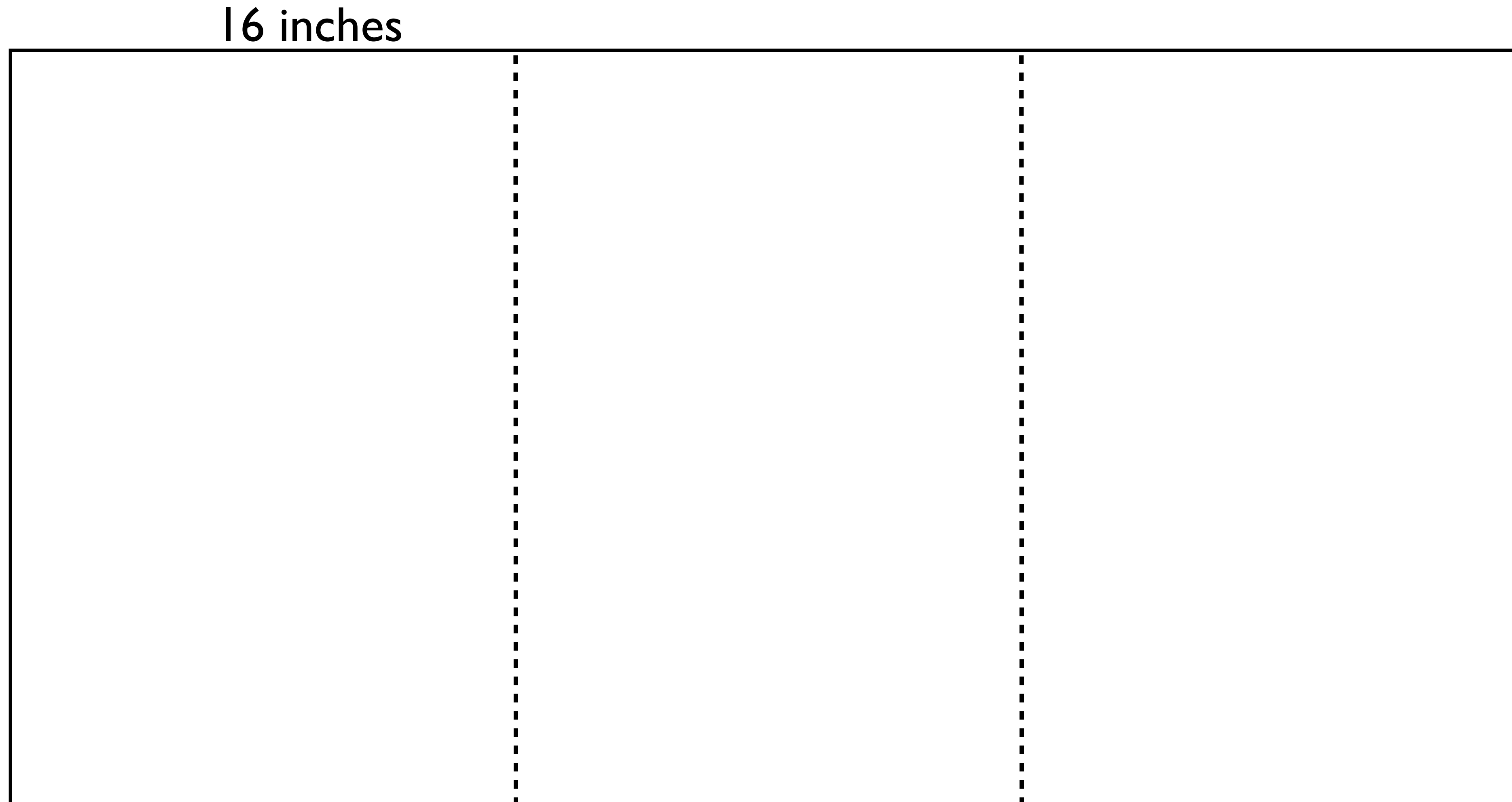
Directions for large superchunks 24 inches x 24 inches by 34 inches

Stack these triangles from floor to ceiling in the corners of your room to assemble the pass traps.



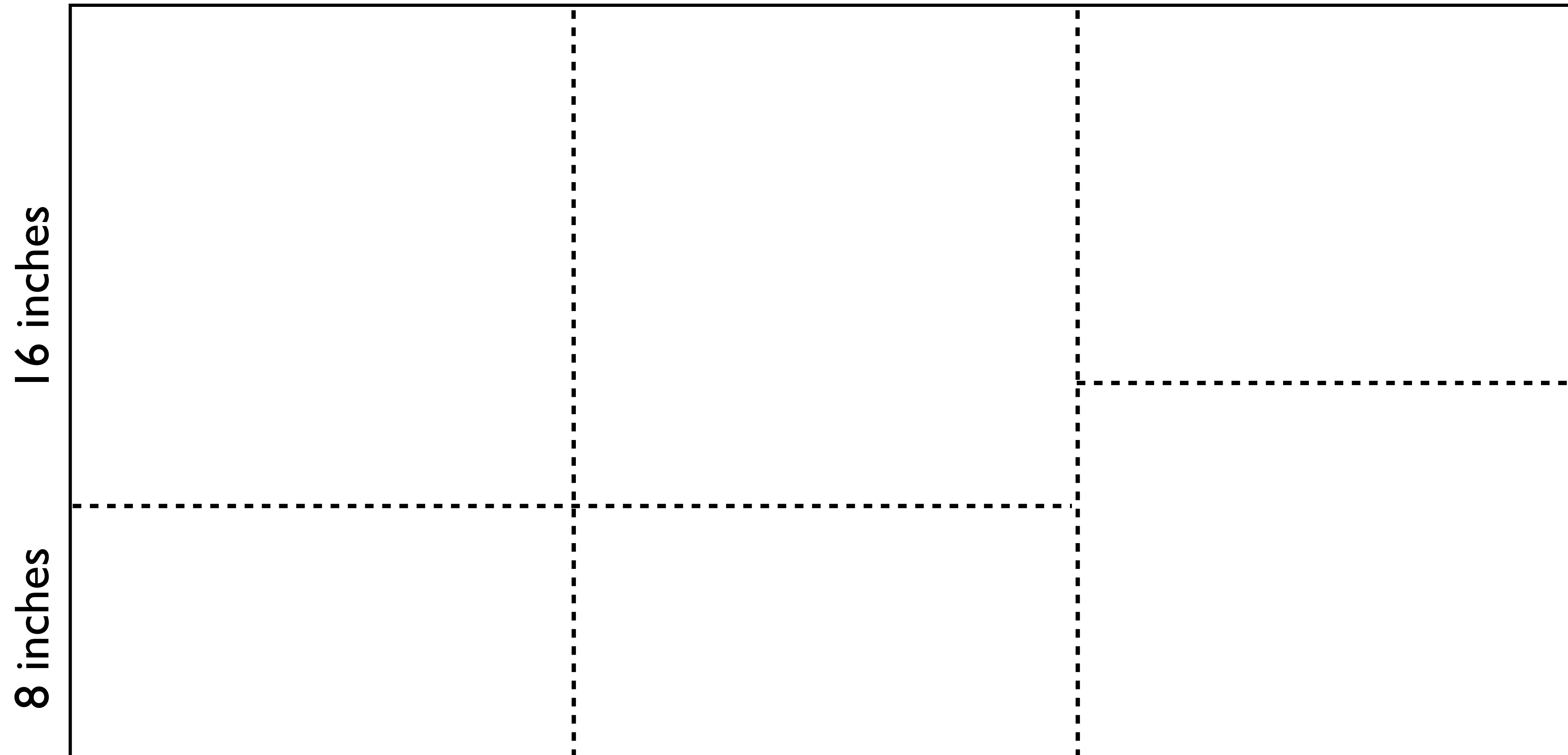
Directions for medium superchunks 16 inches x 16 inches by 22.5 inches

Cut the panel into 16 inch by 24 inch sections



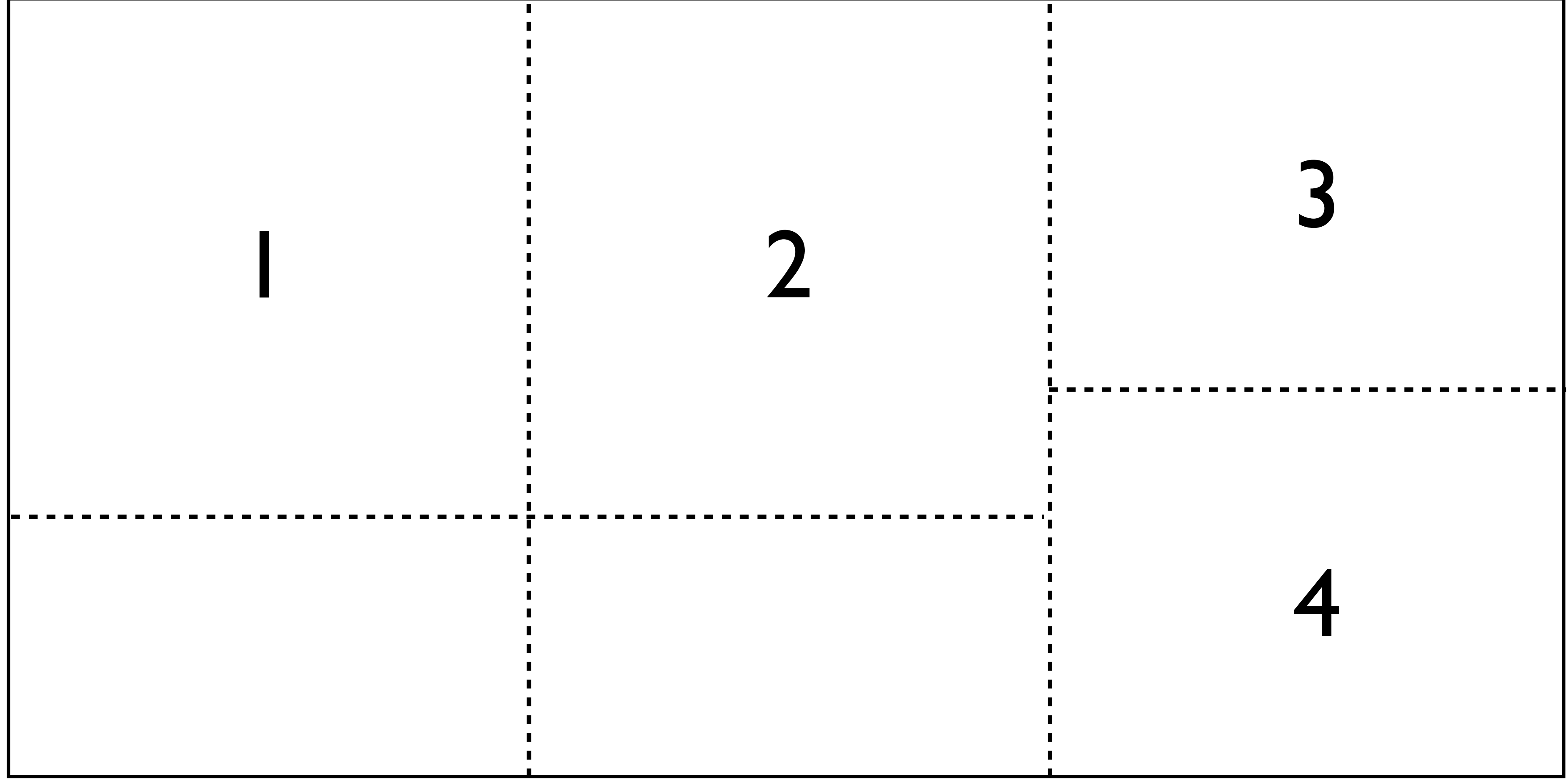
Directions for medium superchunks 16 inches x 16 inches by 22.5 inches

Shorten two of the sections by 8 inches. Cut the third in half as shown. The result is four squares and two rectangles.



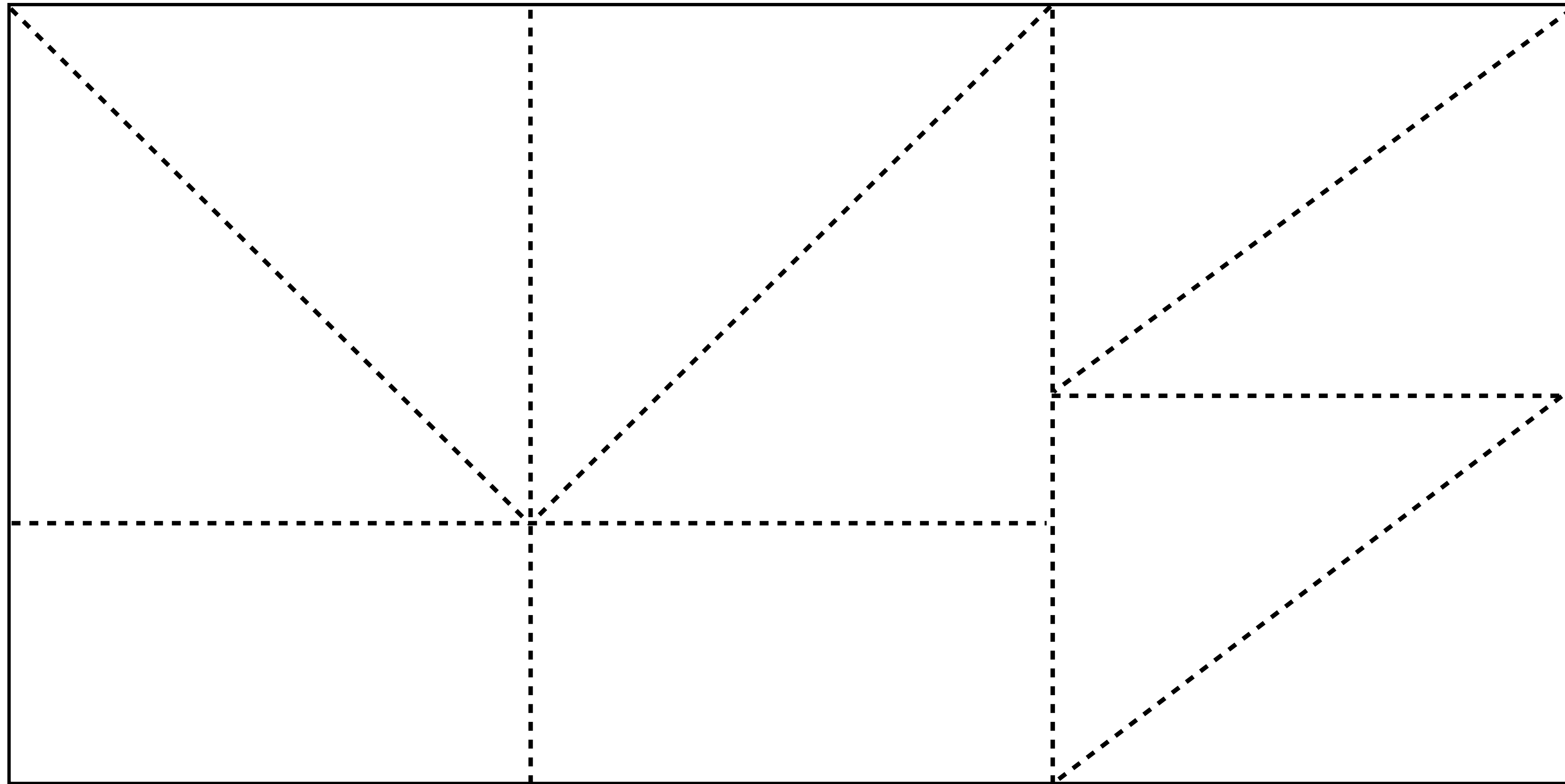
16 inches

8 inches



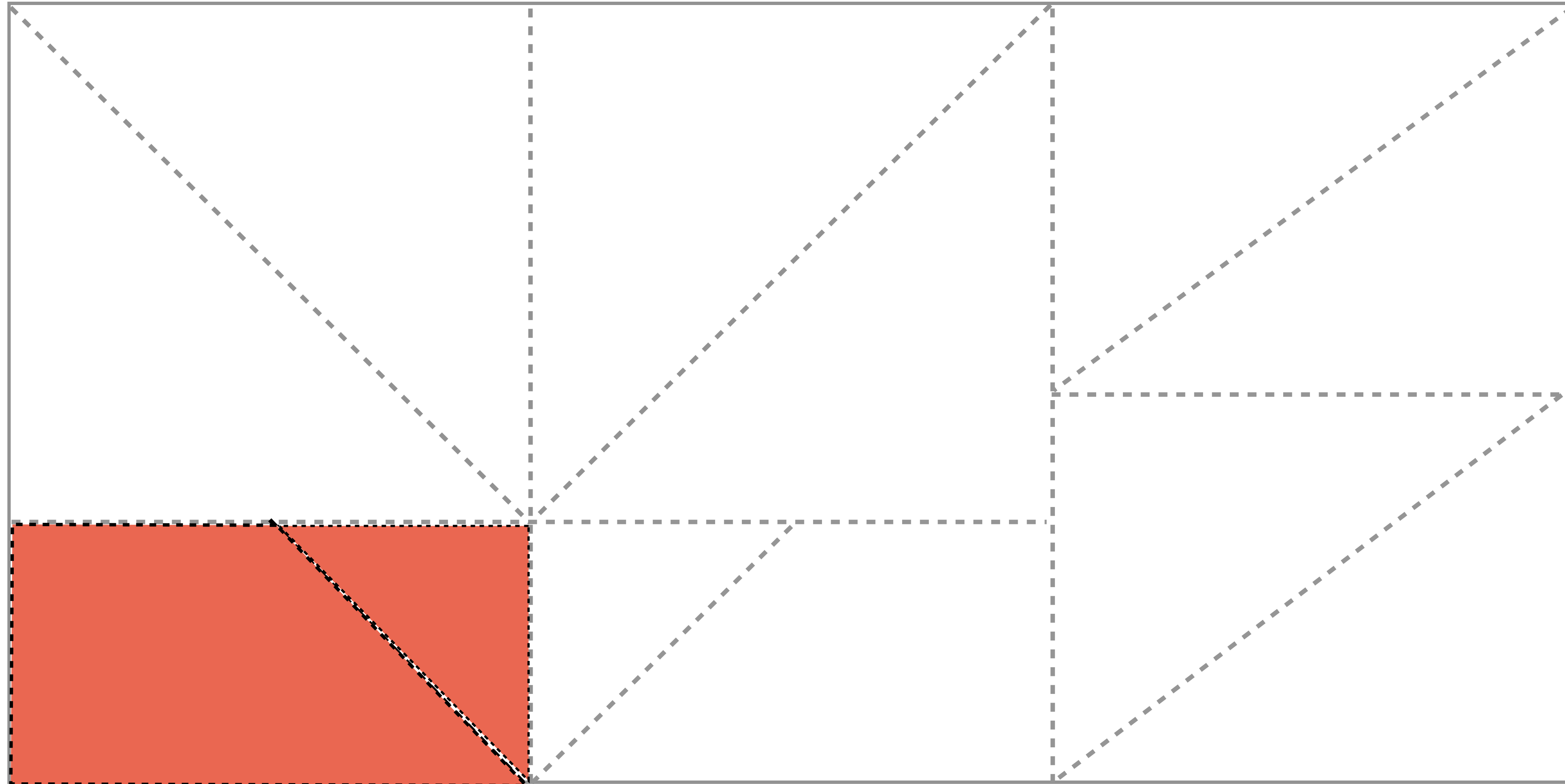
Directions for medium superchunks 16 inches x 16 inches by 22.5 inches

Cut each of the four squares diagonally into triangles.



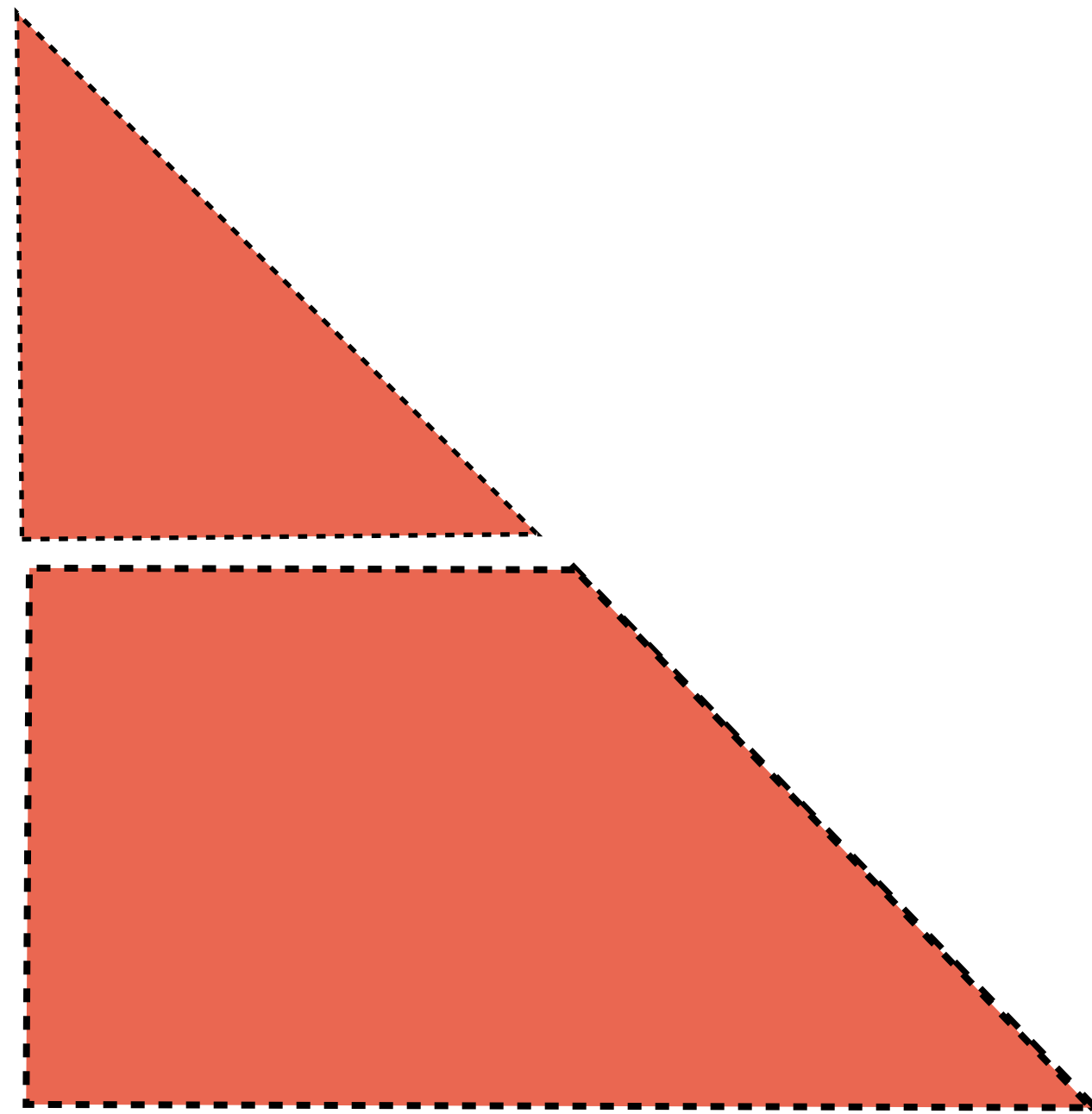
Directions for medium superchunks 16 inches x 16 inches by 22.5 inches

Cut one corner off each rectangle at a 45-degree angle as shown. The resulting pieces can be combined to form a triangle (see next image).



Directions for medium superchunks 16 inches x 16 inches by 22.5 inches

When stacking the insulation during assembly, combine the two parts of the rectangular sections to form a triangle.



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