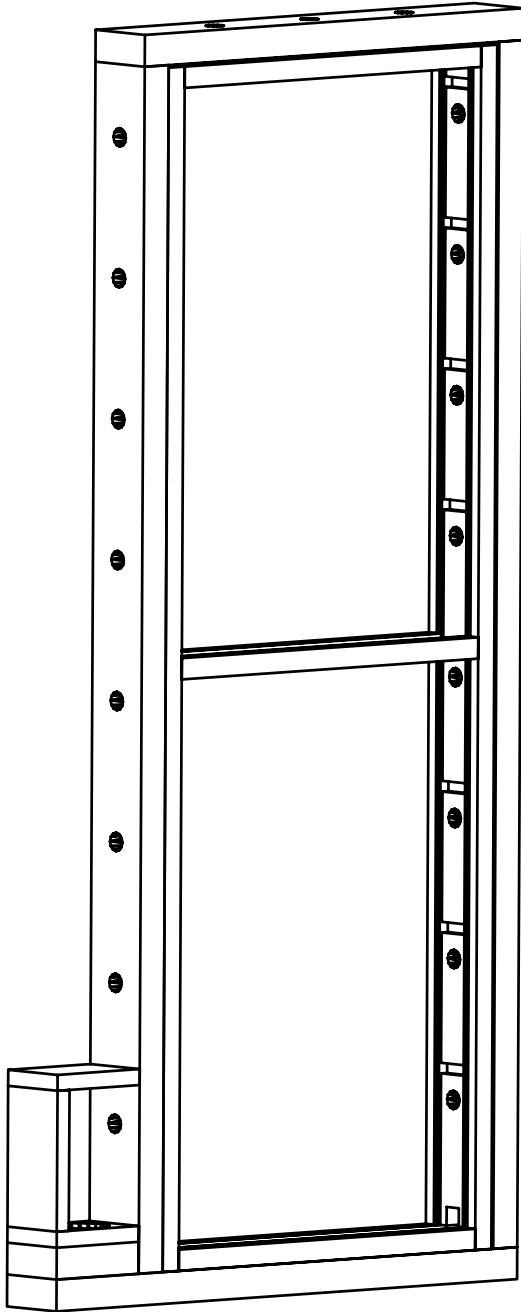


## 8 Frame Observation Hive

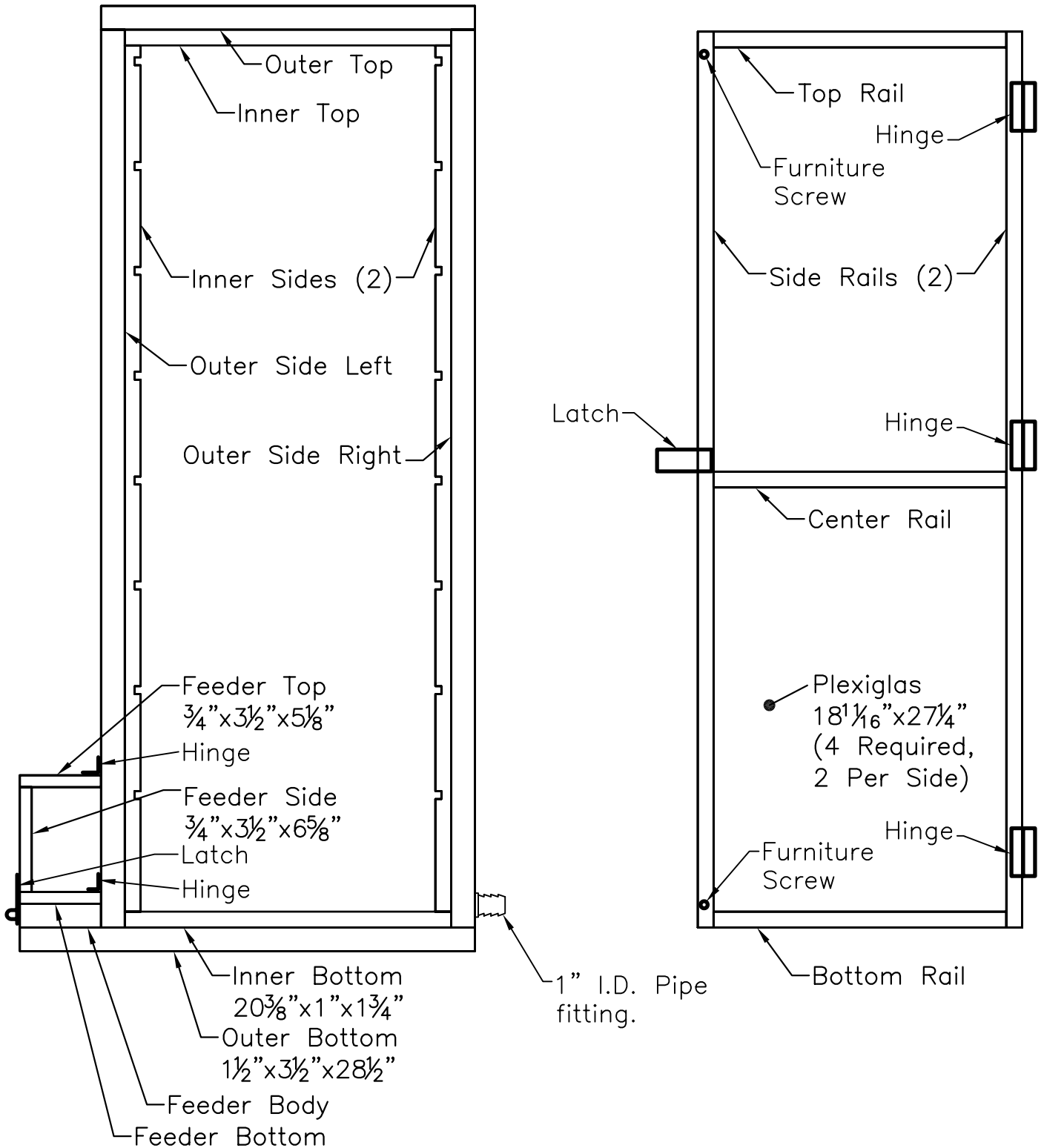


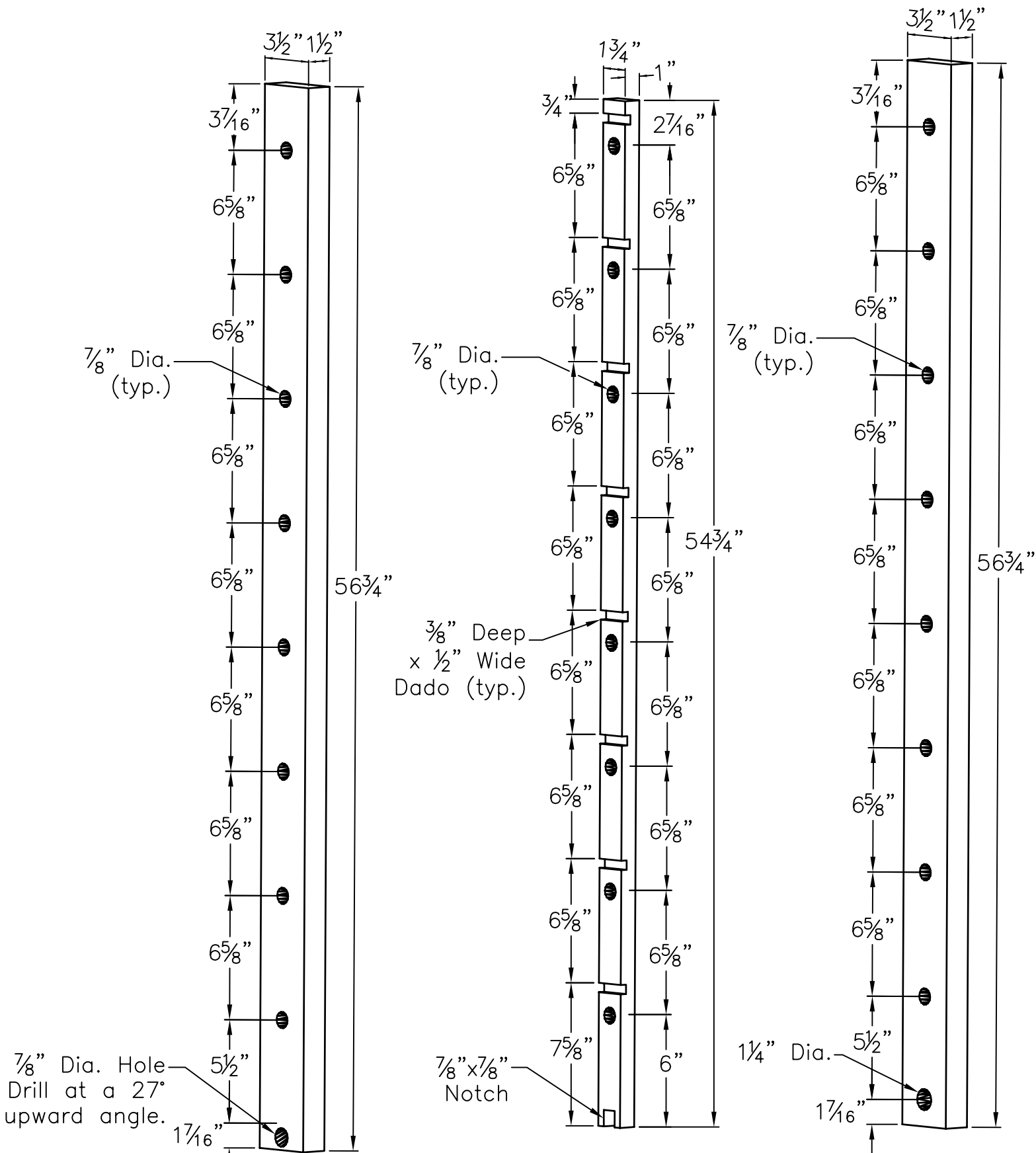
- The hive is intended to hold 8 medium  $6\frac{1}{8}$ " frames. The height and dados can be adjusted for fewer or other sized frames.
- All joints should be reinforced with both glue and screws.
- The feeder accepts a standard mason quart jar.
- The doors tend to be flimsy due to their size. Thus a screw is needed on both unattached corners to keep the doors from flexing at the corners.
- Petroleum jelly should be applied around the doors to prevent them from becoming stuck.
- The Feeder top and side assembly should be attached to the hive body only by the hinge so that the feeder jar can be removed. Similarly the feeder bottom should only be attached by a hinge allowing the feeder body to be cleaned if necessary.
- #8 hardware cloth should be stapled over all vent holes from the inside. #8 hardware cloth should also be stapled to the bottom of the feeder bottom.
- A pipe fitting threaded on one side with a friction fit can be used to attach 1" inner diameter piece of flexible tubing. In general the tube should be kept as short as possible, but bees can navigate a tube of several feet or more.
- A stand can be built to support the hive or it may be attached to the wall. I used heavy duty hinges intended for a farm gate to attach it to the wall that are like a hook. This allows the hive to be taken outside for maintenance.

## Hive Body

## Hive Door

2 Required

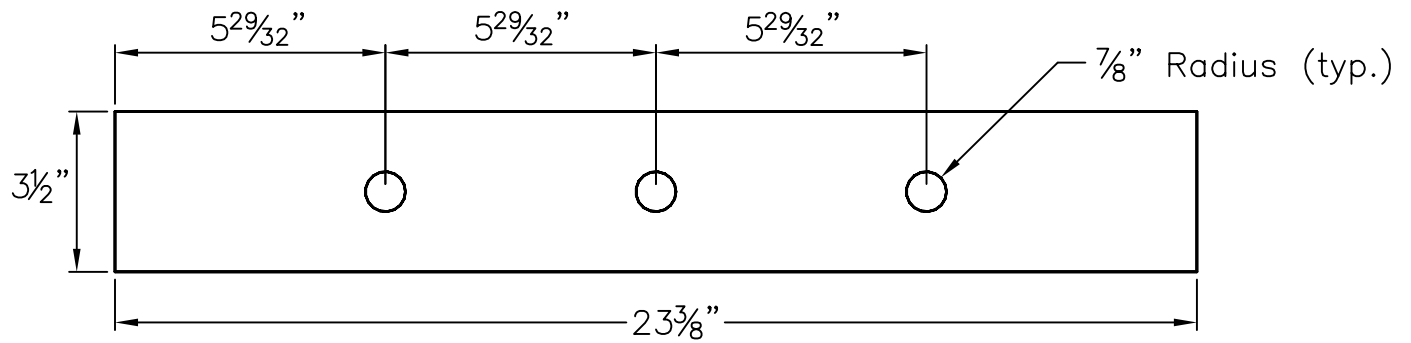




Outer Left Side  
 $1\frac{1}{2}'' \times 3\frac{1}{2}'' \times 56\frac{3}{4}''$

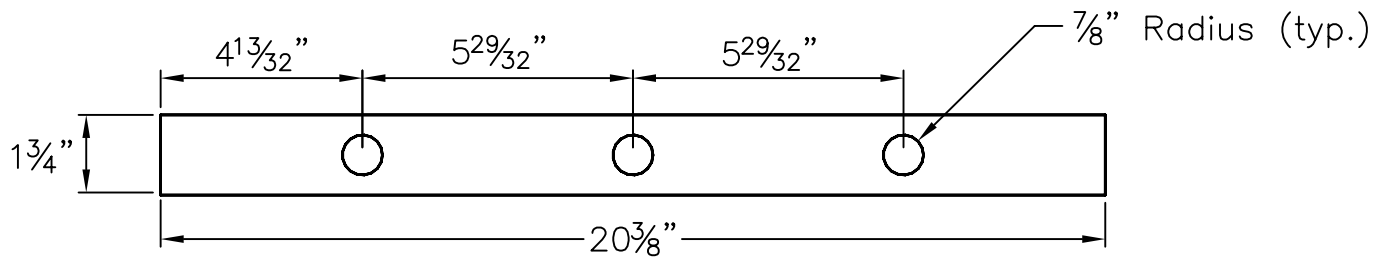
Inner Sides (2)  
 $54\frac{3}{4}'' \times 1\frac{3}{4}'' \times 1''$

Outer Right Side  
 $1\frac{1}{2}'' \times 3\frac{1}{2}'' \times 56\frac{3}{4}''$



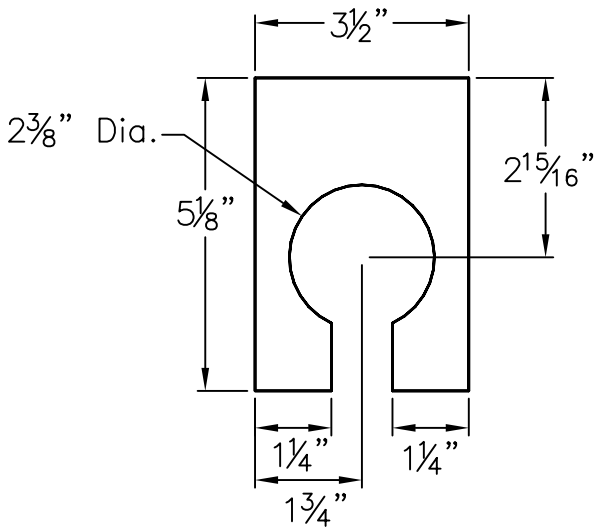
Outer Top

23<sup>3</sup>/<sub>8</sub>" x 3<sup>1</sup>/<sub>2</sub>" x 1<sup>1</sup>/<sub>2</sub>"



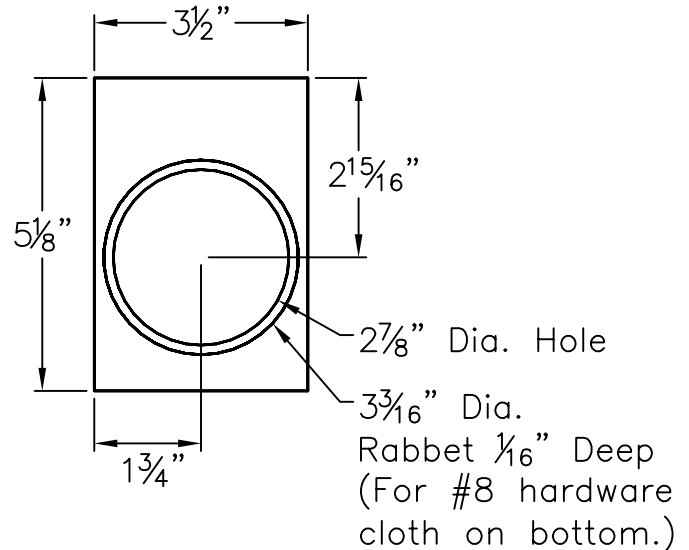
Inner Top

20<sup>3</sup>/<sub>8</sub>" x 1<sup>3</sup>/<sub>4</sub>" x 1"



Feeder Body

1<sup>1</sup>/<sub>2</sub>" x 3<sup>1</sup>/<sub>2</sub>" x 5<sup>1</sup>/<sub>8</sub>"



Feeder Bottom

3/4" x 3<sup>1</sup>/<sub>2</sub>" x 5<sup>1</sup>/<sub>8</sub>"

