

## Castle Panel Instructions

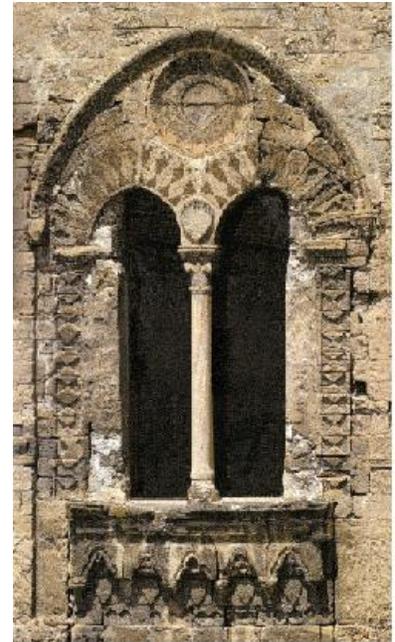
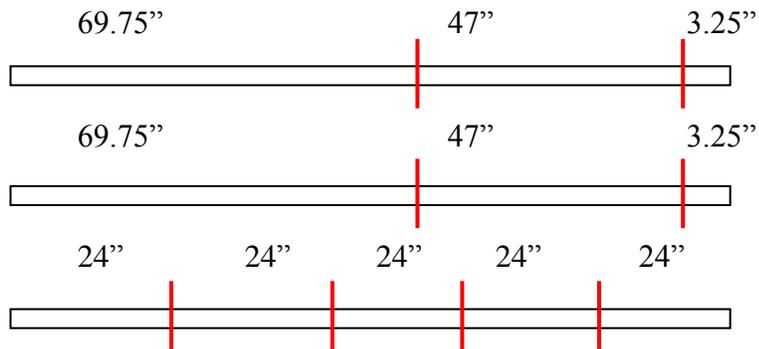
12/15/11 Draft – loop measurements approximate

### Materials

- 2.5-3 yards of 45” wide unbleached muslin
- Interior flat latex paint (we used Pittsburg Paints Ultra mixed into the color Dutch Boy’s “Empire State”)
- Three 10’ lengths of ½”, schedule 40 PVC pipe
- 4 T-connectors (of the same size and schedule as the pipe)
- 2 elbow connectors (of the same size and schedule as the pipe)
- 4 end caps (of the same size and schedule as the pipe)
- Plastic primer spray paint
- Stone texture spray paint

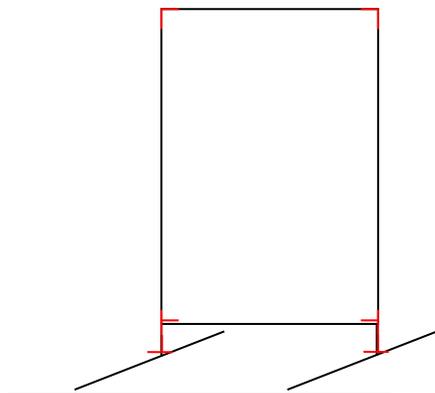
The window template the Shire of Schattentor used to create their initial four windows was based on a two-light tower window in Sicily and is described as being a Romanesque style that was prevalent prior to the 14<sup>th</sup> century<sup>1</sup>.

The first step in making a panel is making the frame. You will need to use PVC cutters to cut the pipe, but a hand cutter will work just fine. Measure and mark your PVC according to the diagram below.



1 From Trabia, C. (2004): not dated, cited as being a tower window in Sicily.

Assemble the frame using the connectors and the diagram below.



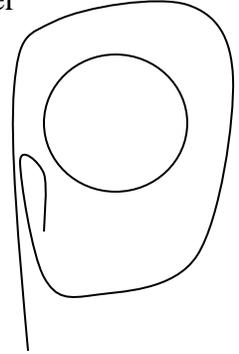
The 47” pieces will be the top and bottom of the frame, and the 69.75” pieces will be the sides. The 3.25” pieces will serve as the connectors for the feet, and four of the 24” pieces will be the supporting “feet” of the frame. The caps, of course, go on the ends of the feet to make them look more polished.

<sup>1</sup> Trabia, C. (2004). “Two-Light Windows.” *Best of Sicily Magazine*. Retrieved from <http://www.bestofsicily.com/mag/art136.htm>

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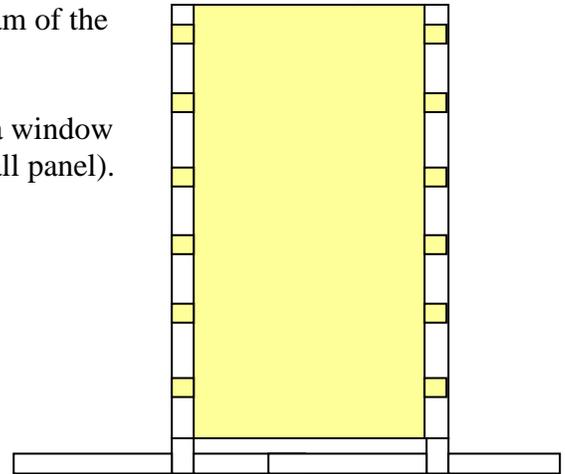
12/15/11 Draft – loop measurements approximate

Cut a piece of muslin that is 74 inches long. Drape one side of the muslin over the top of the panel, fold a hem, then a channel, and pin. Sew the hem and channel with one seam. Disassemble the panel in order to slide the pipe through the newly created channel.



Stretch the muslin and repeat this process on the lower pipe, making sure that the muslin stays taut enough that, when flicked, it thrums a little.

When both channels have been sewn, place the panel back on the frame. Cut 12, 1x7” rectangles out of muslin. Turn over the edges to hem all four sides, then pin six straps to each side to create horizontal tension on the panel. It is a good idea to pin both sides at once to create the proper amount of tension. Remove the panel from the frame (this involves more disassembly) and sew the straps to the panel. To the right is a (squished) diagram of the (semi) final panel.



The panel is now ready for the window template (if it is a window panel) or to be painted with the Empire State (if it is a wall panel).