

# Waterford Union of Churches Cemetery

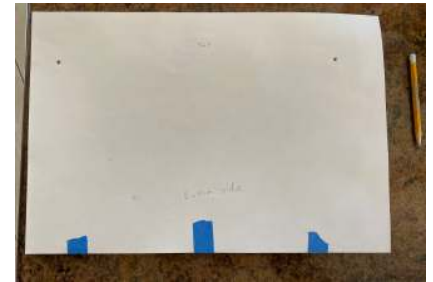
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Waterford, VA 20197



## Installing a Bronze Plaque

To install the plaque onto the flagstone, 7/8" bolts are screwed into the top two anchor holes of the plaque. These bolts are then set with exoxy in two holes drilled into the flagstone base.

For the first step, take the plaque, turn in upside down, and paste a heavy 11x17" piece of paper to it as shown. This paper will become the template for positioning the holes to be drilled into the flagstone. After the paper is taped and flipped onto the back of the plaque, use a pencil to punch holes in the paper matching the top two bolt holes.



Gather a drill, masonry bit to score the initial hole, a cylinder diamond 3/8" drill bit, and a half gallon plastic container which will be used to flow water over the hole as it is drilled. Cut the bolts that came with the plaque to 7/8" long.

At the cemetery, lay the template one inch from the bottom and verticle side of the flagstone. Mark the flagstone through the holes.



Next, put a small slit in the plastic jug and have the water run over the point where the hole is to be drilled [See photo]. Take the masonry bit and start the hole. Then, take the cylinder bit and finish the hole so it is 7/8" deep.

Wash off the flagstone and, using a straw, blow water into each hole to clean out any particles left in the hole.

Let the flagstone dry over night.

The epoxy used to hold the plaque is Bronstone Glacier Epoxy. It comes in a cartridge. Before mixing the epoxy, take a Q-tip and wipe the hole with acetone to clear out any remaining debris. Pump out 5" of epoxy onto a piece of cardboard and mix well. Fill the holes with the epoxy and then place the bolts on the plaque into the holes.

