



# HERITAGE RESTORATION, INC.

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Office/Fax (401) 490-0888  
[www.heritagerestoration.net](http://www.heritagerestoration.net)

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*Massachusetts Incorporation as Heritage Restoration and Preservation*

## Weekly Work Summary

**Project Name:** First Congregational Church

**Date:** February 3rd, 2012

**Owner:** First Congregational Church

**Address:** 281 High Street

Bristol, RI 02809

### **Description:**

#### **Basement**

Lorne Yoder, the structural engineer, stopped by this week. Before he showed up, we were having discussions with the Building Inspector about the basement stairs and he basically said if we remove them, we have to build them to code. That is very difficult and totally out of the question. We could either go the building appeals court or repair existing. So we will repair existing by saving some parts and making a new landing concrete pad. The concrete pad will also accept the post supports for the framing. This can be poured right on the existing stones. In the end, it will be the same, but better.

Lorne also observed all of the other repair work and was quite pleased with our progress and solutions for many of the framing areas. We worked through some solutions on the frame under the organ, where the old boiler was, and will be putting in some new posts and supports.

South elevation sill replacement continues. Joist ends are being sistered as needed. The crew finished another 15 feet this week, although there was only one crewmember for half the week.

The mason reset some stones and repointed under the sill.

The protective structure was completed to maintain a good, constant temperature for the stone laying. The wood frame for the new bulkhead was built, so the mason can build his stone to it.

#### **Basement Brick Piers**

Keith Boyd our mason is completing the north cement block wall. He finished the piers this week, and will complete the north concrete block wall in the next week or so, then start on the bulkhead sidewalls.



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## **Building Report**

This will be the project resource for generations to come. The building assessment and observations are pretty much written. We will be putting in references for the photographs, which will be in their own photo pages printed on real Kodak paper. After that, we will get into treatment for each area.

## **Heat**

We completed a heating comparison from last year to this year. We used an industry standard called Heating Days (HDD) as the measure for the main comparison of consumption and cost. For example, it might take 40 HDD on a 30-degree day to get a building to the desired 68-degree temperature, while it would take 15HDD for a 45-degree day. That makes all things equal when comparing a cold season to a warm season.

We discovered the Sanctuary is about 50% of last year's consumption. The School, where nothing was done except a boiler cleaning and a new thermostat, was about the same. The Guiteras house for some reason was more. We will see if it was some boiler tuning issues, use or just playing with the thermostat that did it by a greater comparison period.

## **DeWolf Gutter**

The gutter on the north elevation was replaced with a new copper gutter this week. Like most things we touch here, it was a lot more than a quick swap out. We discovered the extra layer of OSB sheathing on top of the original sheathing was rotting at the edge. Also, the drip edge was laid on top of the sheathing, another no no. So the guys had to remove about 4 courses of shingles, install a drip edge on top of the sheathing, and then lay ice and water shield on top. The previous work also did not extend the drip edge or the shingles out far enough, so we made another copper drip edge to bring the water actually into the gutter. Then they put in the straps, the new 1/2 round copper gutter and the new copper downspouts. We attached an old aluminum gutter to run the water into the bushes for now, while the final gutter will be installed into a drywell later.

## **Guiteras House Heat**

After the return pipes were cleaned and replaced last week, the boiler was still filling with water. The plumber came to replace the water feed valves that may have been leaking water into the system. If the pipes still knock and the boiler fills, we will have to replace the expensive automatic water filler device.

Site Manager

Robert J. Cagnetta

Project Supervisor

Jeremy Ballard