

After the decision was made to get a new chiller. The old blueprints where photographed and sent to R.S. Scott and Apollo engineering



Air Handling Unit Replacement

PBA PROJECT NO. 99149



Bids

FEBRUARY 15, 2000



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ES1 ONE LINE DIAGRAM AND DETAIL

R.S. Scott worked with Apollo Engineering for the engineering drawings for the new chiller. R.S. Scott also acted as project manager and put out a request for bids from local contractors. The Besser Museum awarded the contract for \$195,000 to Johnson & Woods.

System drained down and removed

• The new chiller will use the existing connections.

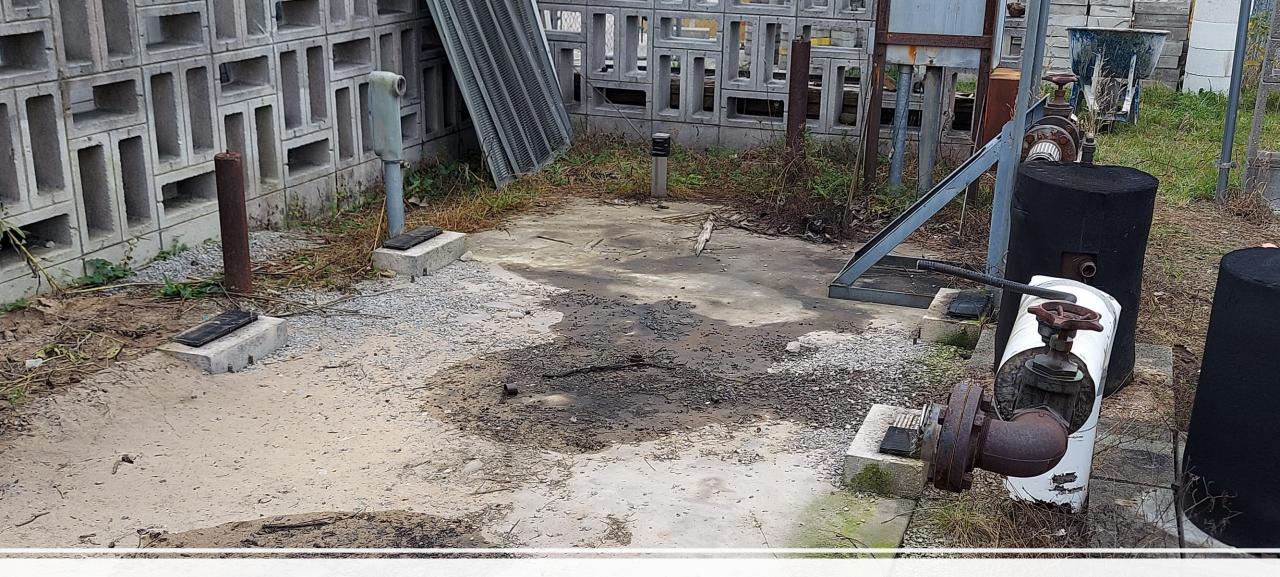


The chiller unit that just died being removed.



This chiller unit has not worked in over 15 years but had to stay in place because of the plumbing.

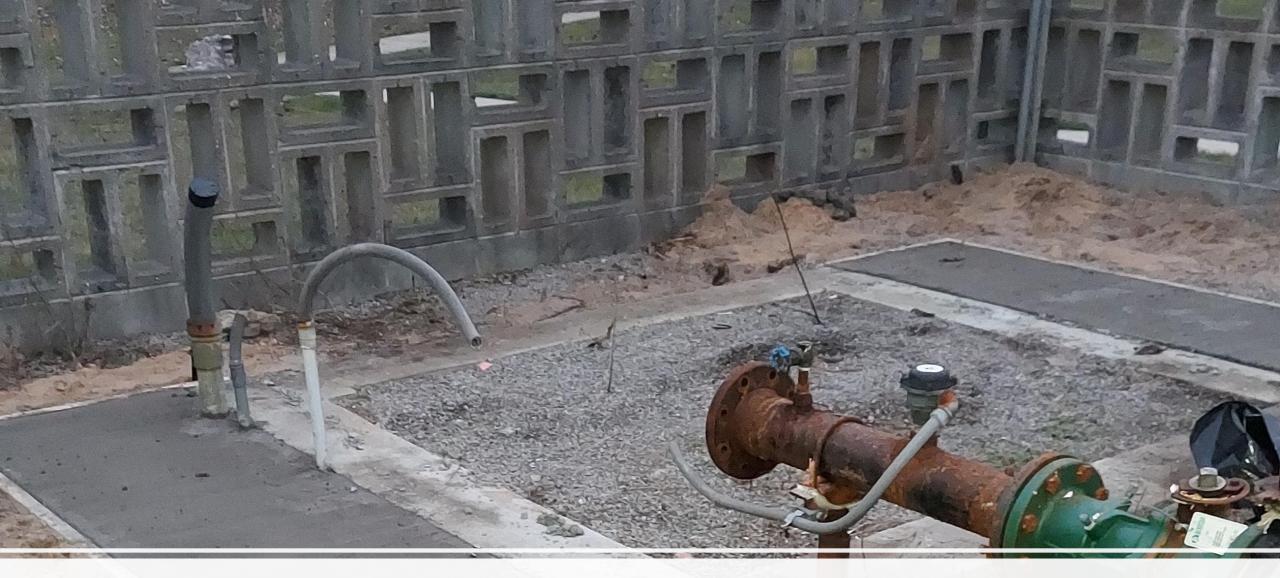




The last old chiller removed. Nothing will go in this place.



The new foundation framed for the chiller. Along with the old electrical conduit.



New foundation poured.

The new chiller has arrived.



Lowering the new chiller unit into place.





New electrical box put in the ground to make the new connection for power.

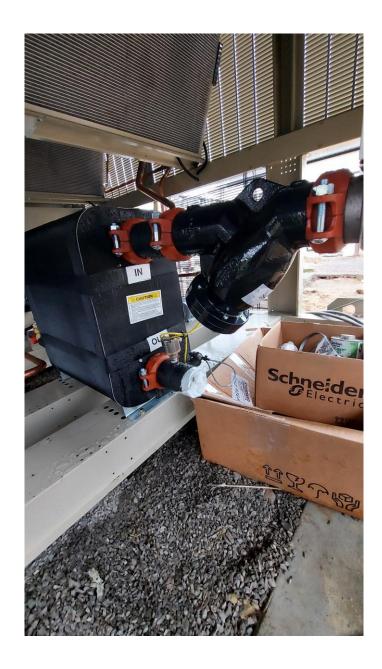
They did find a poured foundation when they were digging this hole. Then some conduit that had nothing in it. This hole was dug for the electrical box.



Another new power box that was put in for new connections for the controllers. They also added a standard outdoor outlet that we can use for outdoor events.



Under the chiller getting ready to be plumbed in.



Exterior plumbing completed. They will not be able to test the unit until spring of 2022 due to temperatures being too cold.



New circulation pump for the chilled water system.



The new humidifier set in place.





New filtration system for the humidifier. Even city water needs to be filtered for this machine.



New copper pipe going into the air handler to put humidity into the building.

Variable speed drive. That shorted out just before our Season of Light Gala. This unit controls the air movement though the building. It took about a week to get it replaced.



• Control Solutions installed the new Jase unit in my office. There were a few bumps in the road with the new unit. Everything has been corrected and now I will get alerts to my cell phone if something happens along with remote access to the system. If anyone wants to see how the controls work feel free to reach out and we can make some time to show you how it all works.

- Thank you,
- Matt Klimczak