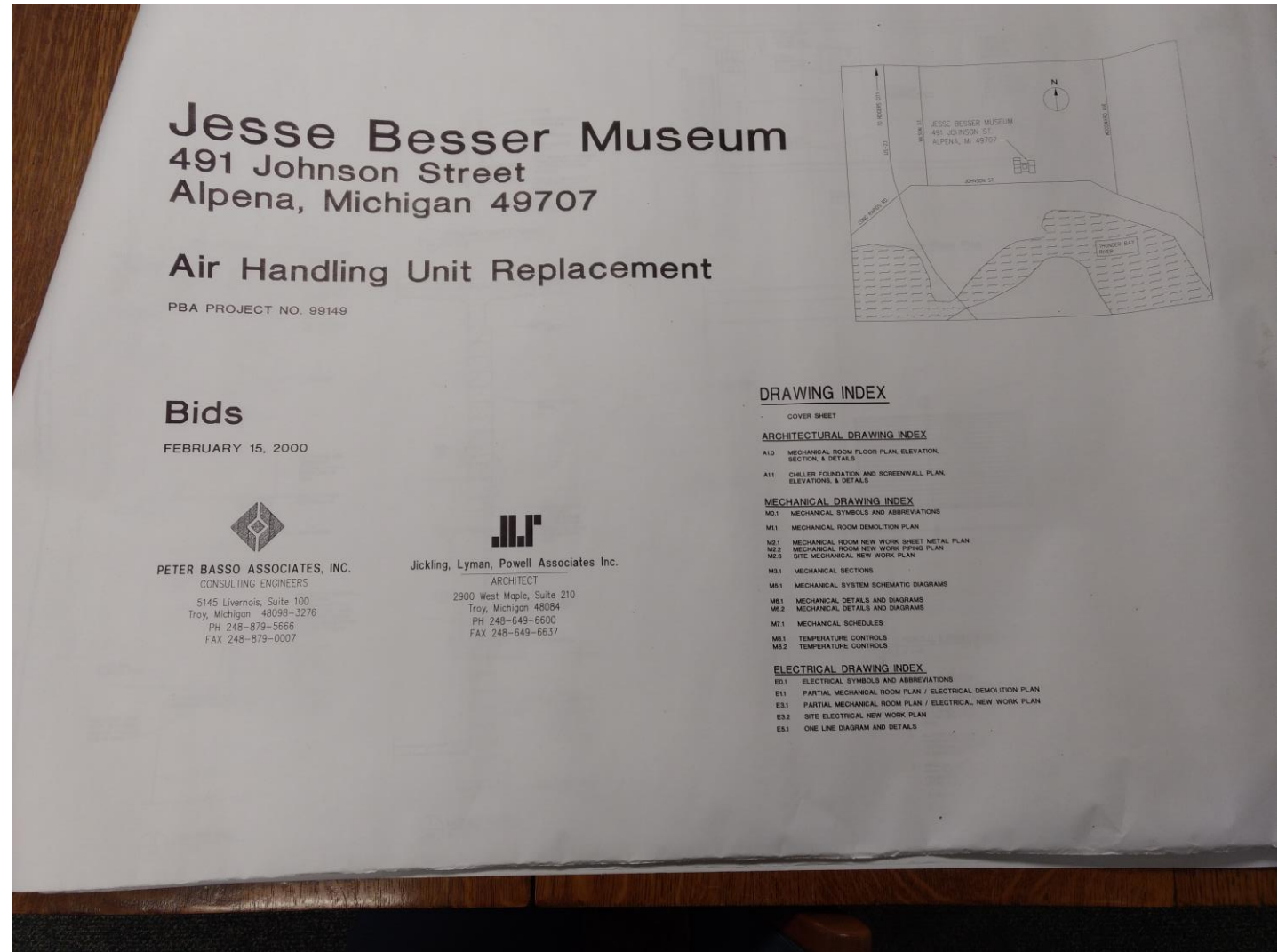




Besser Museum Fall 2021 project

New Chiller and Humidifier

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



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.



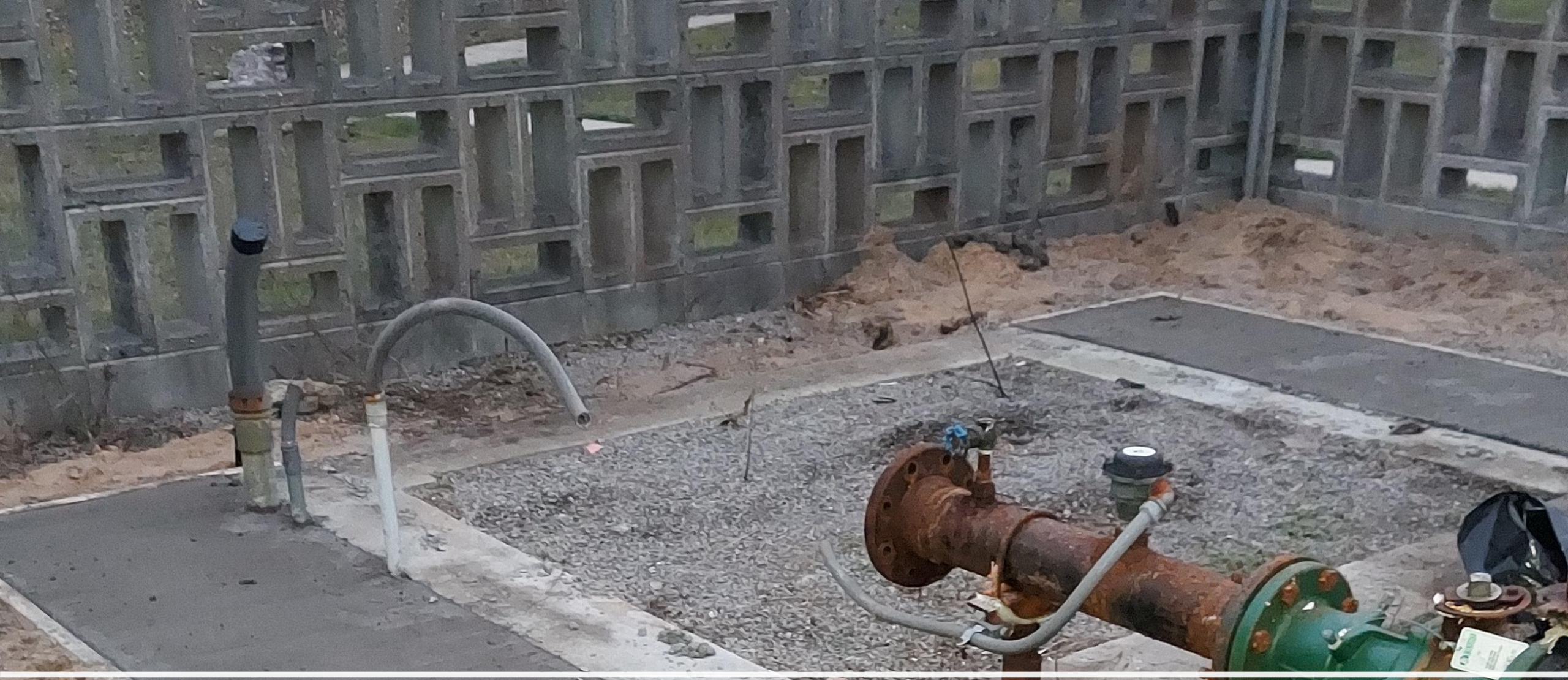


The last old chiller removed. Nothing will go in this place.





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

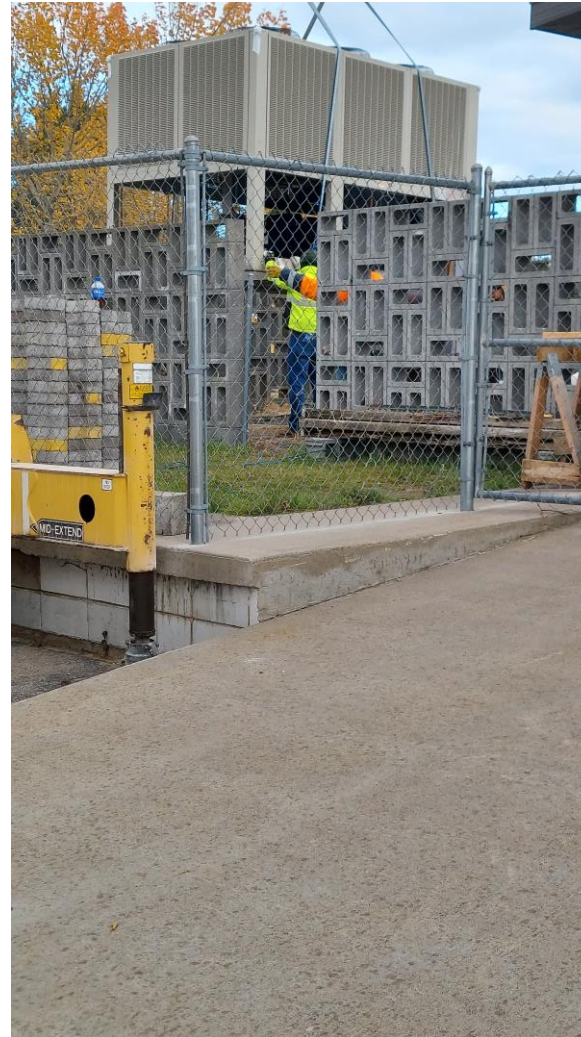


New foundation poured.

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.



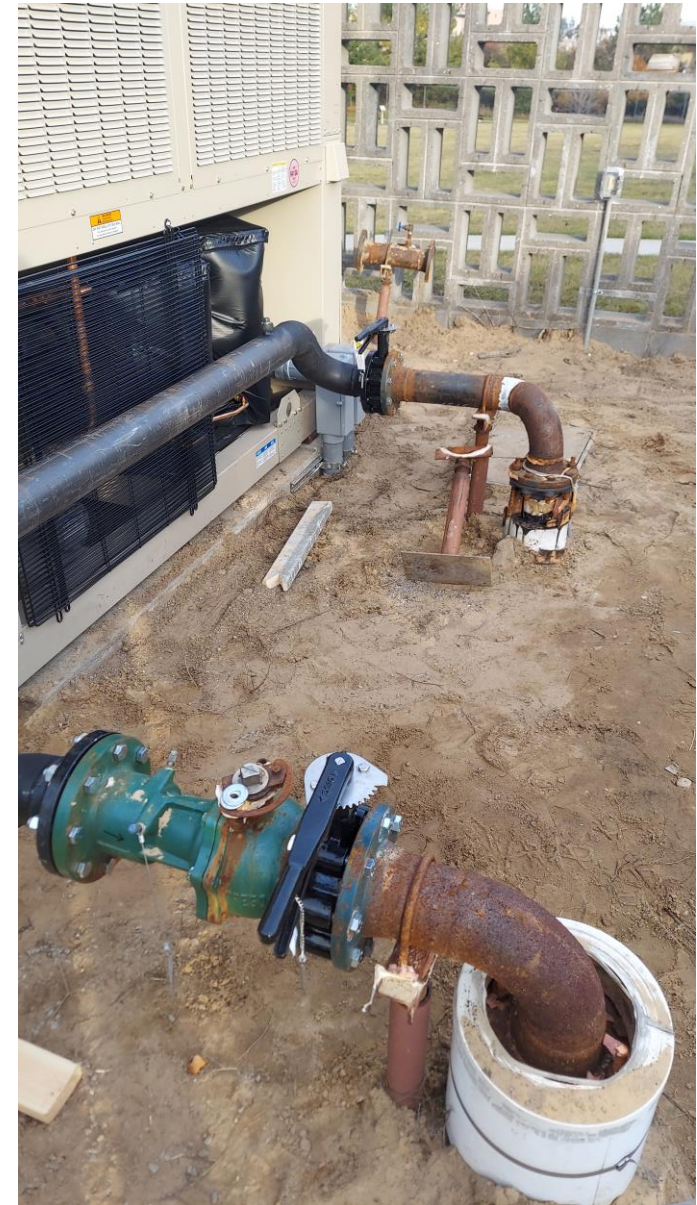
Another new power box that was put in
for new connections
for the controllers.
They also added
a standard outdoor
outlet that we can
use for outdoor
events.



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.



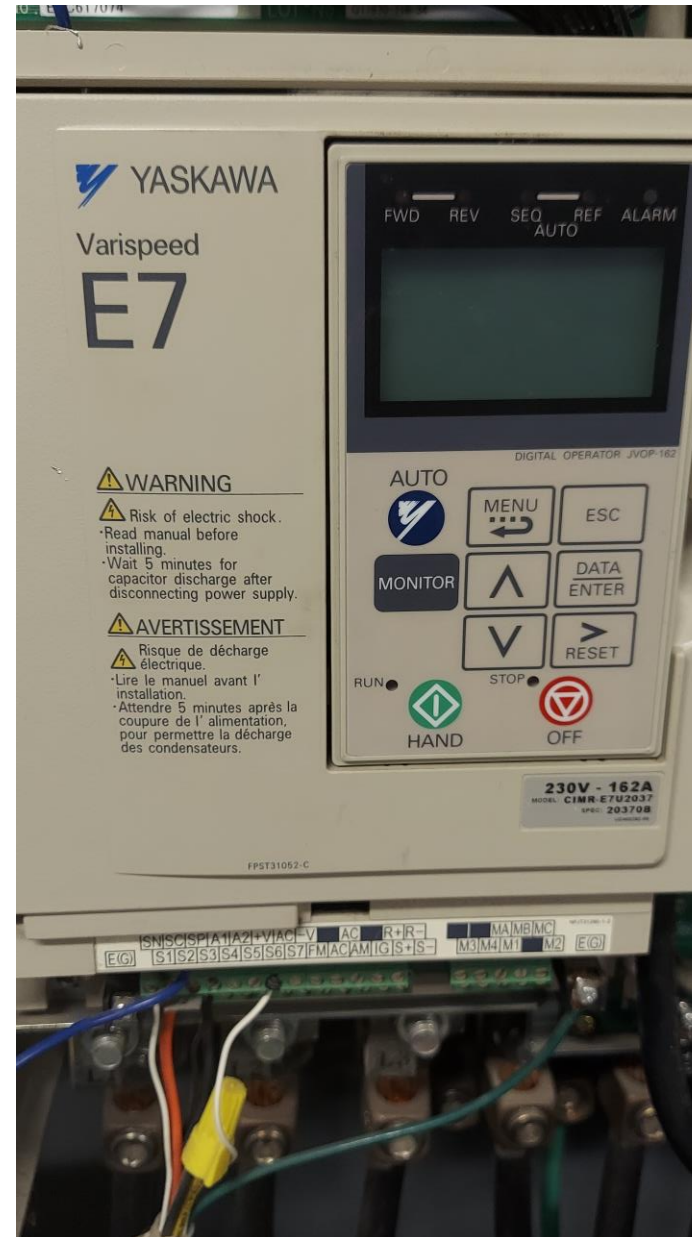


New filtration system
for the humidifier.
Even city water needs
to be filtered for this
machine.



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