

Trinity Lutheran Church of Bismarck

Weekly Report for Week Ending 3/11/2022

Recent Progress:

The team continues to work hard on installing the new temperature control system. Johnson Controls is very close to completion with the temperature controls installation. Programming the controllers is also getting done at the same time. If everything continues to go well and there are no delays the install and programming will be substantially complete in the next week. Once the install and programming are finished, they send out the data to build the graphics for the computer workstation, which is anticipated to take a week or so.

City Air Mechanical has installed the chiller bypass. They also cleaned, leak tested and filled the outdoor chilled water piping loop with glycol. All went well. City Air also had to move a new chilled water expansion tank in the boiler room so that we have adequate clearance to the new electrical disconnect that will be installed once it arrives.

Plan for the next few weeks:

Core will continue to work with all contractors to ensure project runs smoothly and take care of issues that arise. Regular building checks will continue to keep the building temperature as comfortable as possible. Once the new temperature control system is fully installed, Core will commission the entire system and its components as well as train the building staff on how to operate the new system.

Core is working with City Air Mechanical to finish the remaining piping items, as well as get the heating control valves installed as soon as possible. They will have to turn off the boilers during the day and drain down the system when they change the valves.

Frontier Electric will be installing an electrical disconnect in the boiler room for the chiller as soon as it arrives. There is a temporary fused connection if we need the chiller to operate before the panel arrives.

With the outdoor air temperatures forecasted to be around 50F next week, Johnson Controls is planning to switch over control of the boilers to the new system. Once the control system is completely finished, Core will set up and supervise training for the church staff that will have access to the system.