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Core Facility Solutions

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**CORE FACILITY**  
— SOLUTIONS —

# Trinity Lutheran Church of Bismarck

Weekly Report for Week Ending 12/24/2021

# Update

## Recent Progress:

The team is working hard on installing the new temperature control system. Frontier Electric and Johnson Controls are running new conduit and wires along with installing devices on the heating and ventilation equipment.

They are starting to make good progress and the Sanctuary units are now operating under automatic control (notice the new thermostat at the back of the Sanctuary). They are going to add CO2 control to the units so that the ventilation and fan speed can be controlled based on the occupancy of the space.

(This control strategy provides greater energy efficiency without sacrificing occupant comfort.)

## 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.

City Air Mechanical will be back on January 3rd (tentatively) to start piping new automatic control valves to replace the old pneumatic control valves. They also plan to add a chiller bypass and start filling the chilled water lines so they can leak test (weather permitting).

Johnson Controls will continue to work on controls installation. The new operator workstation/server should be installed early January.

Frontier Electric will be onsite to run control wiring for the new temperature controls.

## Items of note:

The MDU gas meter switchover (unrelated to the construction project) is tentatively scheduled for January 3rd.

Merry Christmas from all of us at Core Facility Solutions!

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New temperature control panel.

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