



Burlington School District Attn. Lyall Smith, Director of Facilities
150 Colchester Road, Burlington, VT, 05401

October 4, 2024

Clerk of the Works Site Visit Report - IAA H.O. Wheeler Elementary School Project

Manosh is working on wrapping up the site work at the school before late fall is upon the project. They are wrapping up installing the main geothermal vault piping associated with the geothermal system into the building. See the pictures at the end of this report.

In the 1904 wing of the building, more ductwork is being installed for the ventilation of the spaces by the mechanical contractor, Vermont Mechanical (VMI). See the picture at the end of this report.

In the 1904 wing of the building, work has begun on the second floor to renovate the main gang bathrooms; to not only modernize them, but to bring them up to code. Along with that work, the Plumbing Contractor, Ouellette Plumbing & Heating (OPH) has begun the sanitary sewer piping modifications for the gang bathroom renovation. See pictures at the end of this report.

The electrical contractor, Benoit Electric was busy this week. Conduits were installed underground in the trench that was made last week for the wiring to go from the 1965 wing of the building to the 1904 wing into the Boiler Room. They are working in the Boiler Room, installing more electrical equipment. They finished off the conduits that will bring the main wiring from the new transformer to the electrical room in the 1965 wing of the building. Also within the 1965 wing, within the Electrical room, the Electrical Contractor is in the process of installing the new main electrical panel. See the pictures at the end of this report.



The “View” from my office. Manosh is installing the geothermal piping from the vault and running that piping into the building. Over that piping are the electrical conduits that are coming from the 1965 wing and need to go to the 1904 wing of the building into the Boiler Room. The pink insulation sheets are laid on top of the new geothermal piping to help keep the piping insulated from the frost.



The hole in the building where the geothermal piping and the electrical conduits will be entering the building in the 1904 wing of the building in the basement.



A Manosh worker is making up one of the last welded piping joint on the main geothermal piping coming from the vault that then goes into the building.



A picture showing ductwork being installed that will go from the basement up and into Attic space of the 1904 wing of the Building.



The start of demolition on the second floor existing gang bathrooms in the 1904 wing of the building.



The backside view of the demolition of the second floor gang bathrooms in the 1904 wing of the building.



A picture showing the existing sanitary sewer piping which is in the ceiling of the 1904 wing of the building's Lobby. This piping will get modified to accommodate the locations for the new plumbing fixtures.



This picture is showing how the contractors after digging out the trench last week, have installed the new storm water piping and the electrical conduits. The storm piping is going outside to the catch basins that have been installed, and the electrical conduits are going out into the main trench that Manosh has dug. These are the same conduits that are shown in the picture at the beginning of this report.



This picture is showing all of the disconnect switches and variable frequency drives (VFDs) that will control all of the pumps within the Boiler Room.



This picture is showing the electrical conduits that are coming from the new transformer that was installed last week. They come underground and this is how and where they transition from underground to then go overhead to the 1965 wing Electrical Room.



A picture showing where those main electrical conduits terminate. This is the new main electrical panel that is located in the Electrical Room within the 1965 wing of the building.