

Minutes of the Meeting of the Nelson Select Board with John Waitt of Design Day Mechanicals Inc, May 28, 2015

Present: Maury Collins, Susan Hansel, Bert Wingerson, Dave Upton and John Waitt

David called the meeting to order at 2 pm in the Olivia Rodham Memorial Library.

The group showed John the location of the thermostat for the propane furnace in the Library Proper and discussed the problems with meeting the heating and cooling needs of the Library Proper using the air-sourced heat pump, and the need for supplemental heating in the bathrooms in the Connector Building. John agreed with the general consensus that electric resistance baseboard heaters were the best solution to the intermittent and seasonal needs for supplemental heating the these bathrooms.

The group moved down to the library basement where we attempted to turn on the air-sourced heat pump that serves the Meeting Room. We found the emergency switch had been turned off and that the Stop/Start control on the remote control unit may have been improperly set. After resetting the emergency switch and the Start/Stop control, the unit began to produce heat.

The group moved to the Archives Room where Bert described the requirements for temperature and humidity control for that space. Bert shared temperature and humidity measurement data that had been acquired during the Winter months with John and the group. (Copy attached.) These data show temperatures with more variability than desirable, too high in the Summer months and too low in the Winter months, and relative humidities that were lower than acceptable limits during the Winter months. John explained that relative humidities are just that, relative. They are relative to temperature and that once the temperatures in the Archives Room are stabilized that the relative humidity should tend to stabilize as well. However, John agreed with the group that the addition of both a dedicated heating/cooling unit and a humidifier unit should be considered. John will consider and offer options for humidifier units located either in the Archives Room or in the ductwork in the Mechanical Room.

As a last topic, supplemental heating for the Meeting Room was discussed. Here, John suggested either ductless propane heaters, zoned heating from the existing propane furnace, or infrared electric resistance heaters. John will describe and offer these options in his report to the Select Board.

The meeting adjourned at 3:15 pm.

Respectfully submitted,

Dave Upton