

## JBC Monthly Status Report – October

### DHS–CTC Building Project

- HMFH has continued to meet with each department at the high school and CTC in order to refine classroom needs. We have now located the building on the site and are finalizing the schematic design.
- On October 27<sup>th</sup> the committee unanimously decided to have HMFH move forward with planning for a distribution system that would support either of the following two options.

<ol style="list-style-type: none"><li>1. Dehumidification displacement ventilation diffusers with perimeter hot water heating radiation</li><li>2. 100% outside air gas-fired heating/direct expansion dehumidification CV ventilating units with energy recovery</li><li>3. 100% outside air gas-fired heating/direct expansion cooling units with energy recovery with terminal chilled/hot water coil induction units</li><li>4. Gas-fired heating/direct expansion cooling VAV RTU's with energy recovery and demand ventilation controls</li><li>5. High efficiency gas-fired condensing central boiler plant</li><li>6. High efficiency air-cooled chiller plant</li></ol>
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- Although Geothermal has been taken off the table, HMFH continues to look into other renewable energy sources that the school can utilize in tandem with the main HVAC system.