

PHASE 1 UPDATE

FALL 2007

May 8, 2007

Voters voted YES to a \$68.9M bond for Phase 1 of Battle Creek Public Schools Facilities Plan!



Facility Plan Phase 1 Update*
As of November, 2007

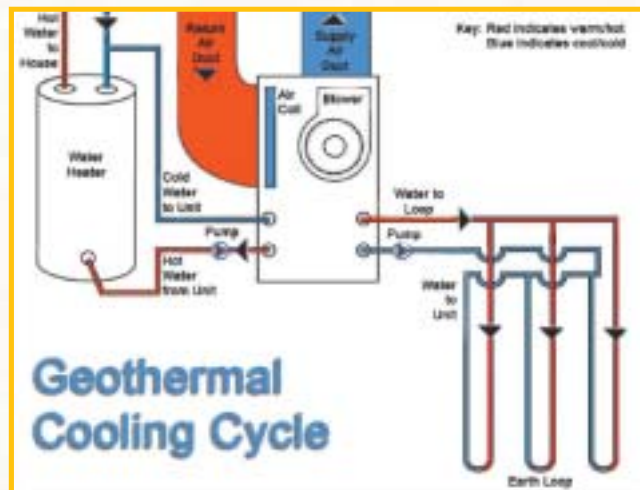


Green technology focus for heating/cooling system at the Battle Creek Central High School Campus

Geothermal heat pumps will be used to heat and cool the renovated Central High School and Alumni House addition, dramatically lowering operating and maintenance costs, and increasing classroom comfort. This technology is currently being used in hundreds of schools in the United States and has a proven record of reliability and cost savings.

How Geothermal Heating/Air Conditioning Works

The property adjoining our schools has the potential to be an energy source for heating and cooling comfort. Outdoor air temperatures fluctuate throughout the year with the changing seasons. In contrast, ground temperatures about five to six feet below the earth's surface remain relatively moderate and constant all year. That's because the earth absorbs 47% of all the heat energy that reaches its surface from the sun. A geothermal system circulates water treated with a highly reactive anti-freeze



solution through a buried loop system to take advantage of these constant temperatures. A single type of heat pump equipment has the ability to heat and cool our learning environments, while providing some or all of our facilities' domestic hot water as well.

Geothermal systems offer the most tried and proven solution that can save us 50% to 70% on our monthly climate energy bills. Geothermal systems cost more up front, but the initial cost is recouped by savings in less than five years. More importantly, this commitment buys us by far the least expensive way to air condition a school. After the short payback cycle, all of the savings will serve to minimize the load on our operating budget.

The underground geothermal unit will be buried under the new 40 acre C.W. Post Athletic Complex, adjoining Battle Creek Central High School.



2007

NOVEMBER 2007

- Acquisition of all properties for the construction of the Alumni House addition to Battle Creek Central High School (CHS) accomplished.
- Demolition of acquired lots west of CHS continues.

DECEMBER 2007

- Architects present diagrammatic drawings and revised cost estimates against authorized budgets for Valley View Elementary (VV), CHS, and Alumni House (AH)
- Demolition of acquired lots west of CHS continues.

JANUARY 2008

- Architects present diagrammatic drawings and revised cost estimates for modernizing and correcting regulatory deficiencies at the Central Field House (CFH), C. W. Post Athletic Complex (includes Football, Baseball, Softball, Soccer, Track & Field, and Tennis courts), and Geo-Thermal Plant (G-T Plant).
- Demolition of acquired lots for CHS continues.

FEBRUARY 2008

- Surveyor's layout athletic field design on site.

MARCH 2008

- Architects turn over full construction documents to the construction mgmt. team for C. W. Post Athletic Complex and Geo-Thermal Plant, CFH, and VV.
- Construction mgmt. team public bids for the C. W. Post Athletic Complex and G-T Plant.

APRIL 2008

- Construction mgmt. team public bids the construction of the Central Field House, and VV.
- Architects provide detailed drawings of the CHS Alumni House addition project for review and authorization.
- Construction is underway for the C. W. Post Athletic Complex and Geo-Thermal Plant.

MAY 2008

- Construction is underway with the reconstruction and additions to VV.
- Construction is underway for the Central Field House.

JUNE 2008

- Architects turn over full construction documents to the construction mgmt. team for the CHS Alumni House addition project.
- Architects provide detailed drawings of the CHS renovation project for final approval.

JULY 2008

- Construction mgmt. team public bids the construction of the CHS "Alumni House" addition project.

AUGUST 2008

- Construction is underway with building of the CHS Alumni House addition.
- Architects turn over documents to the construction mgmt team for the CHS renovation.

SEPTEMBER 2008

- Construction mgmt. team public bids the construction of the CHS renovation of existing building.
- Construction is underway CHS renovation of existing building project for final approval.

* Subject to change. Review process and approval by State of Michigan at all stages.

2008