

Building Committee Minutes
Wednesday, October 28, 2009
6:00 p.m. Hampden Academy Library

Present: Martha Harris, Peter Buzzini, Emil Genest, Ruey Yehle, David Greenier, Bill Leatham, David Gould, Cathy Walker, Jon Perry and student representative Jonathan Wilson

WBRC Representatives:

Mike Pullen, Jeff Davis, Jen Richard and Lynda Casteris-El-hajj

I. 150 550 foot deep bore holes that come in to the basement mechanical room which has the main system of pumps which will serve all the various air handlers and equipment. Dedicated air handlers in the gym, kitchen, commons, science. Dedicated air handlers for the stage and performing arts center, as well as one for the admin area.

Were able to integrate the solar wall. Preheats the outdoor air (alternative energy items)

On roof have the solar panels for the domestic hot water.

Snow melt - most they can handle is 800 - 1000 sq ft - more taxes the system. A set of water to water heat pumps that would be dedicated to this zone. This is part of the base project.

Since we last met a change was made to a high supply air, one of the reasons is that supplying the air low makes it difficult to heat. Some other projects have stayed with the low Overhead supply system, but maintains the air distribution with CO2 monitoring and the intake up high. 4 supply points in each classroom. Air change rates are above the minimum requirements. Air change rates in the science are 6 to 8 changes, a manual override is available to override it. Air into the classroom is all outside air and is exhausted to the outside. Fume hoods are exhausted individually. Honeywell is the base bid in the specs. Vibration suppression and sound attenuation is on all of the air handlers. No fire pump is required for this project which is a good news as it had been estimated at \$50,000. Did receive commissioning peer review comments three weeks ago and have been incorporated into the design. There were no glaring comments.

Emil - Phase One site work update

On site today, cutting has started. A pre-construction meeting took place yesterday, DEP Moyses Environmental, Sargent (very impressed with Sargent's team - sharp and right on top of things - Job superintendent Mike Light) BGS all were in attendance. J. Tyler is the forester. It is being sold mostly as pulp, estimated cost \$25,000. CLT is the timber harvester. There are a lot of trees coming down, however they are saving some. The amount of trees coming down will be remarkable to some. The work will stop December 24 no matter how much they have completed.

II. Jen reminded that they had shown us materials before without colors. They want to remind us about the materials before moving to colors. Showed a graphic (?) showing the different types of materials used throughout the building. Blue areas are the quartz tiles, salmon is carpeted (practice room, library) brown is wood floor, purple ceramic tile, green a type of ceramic tile, yellow specific to the kitchen, orange is rubber.

Used a combination of computer generated models and material samples to demonstrate.

Spoke to the monumental stairs - the treads will be terrazzo with an anti-slip edge of each step. The walk off carpet after the vestibule will be "tile" so they can easily be replaced. The dark and light color of the carpet will hide both dirt and salt. This comes after the walkoff grill in the vestibule. The walls in this area follow the exterior brick in the vestibule. Once you get past the doors it turns to block one similar to the exterior granite (darker) and a lighter block to lighten the space up and the lighter is the majority of the left wall in the commons. The kitchen wall is made of glazed block (much easier to clean). The glazed surface will pick up the different lights. Some acoustic tiles are necessary to help with the sound. A large clock will be on the bump out and on the kitchen wall there will be a large school seal. 4 x 4 ceiling tiles with skylights with some of the coordinating colors on the skylight shaft.

Moving into the classroom wings. The walls in the area are concrete block and will be painted. In the bump-outs (porches) the glazed block will repeat. In the floor there are three colors - a light speckled and darker speckled and a solid with striations. The lockers will be recessed in the wall and the solid with striations will "match" the lockers. Each floor has a different color palette that relates back to the color in the commons. In the classroom on each floor the floor colors are the same as the corridor. The doors, storage units, and shelving are all maple with a clear finish. A linoleum top on the counter. In the science room similar with the exception of an addition to epoxy tops to lab tables. Ceilings in the "porch" area will be a geometric, angled tiles with perimeter lighting and all other will be a standard acoustic tile with standard recessed lighting.

In the library, 90 inch high maple shelves around the entire perimeter. The carpets are tile and is a random pattern of three different tiles. Walls will be primarily the neutral color from the corridors, will need acoustic treatment. A window seat of maple with a linoleum seat.

The stairwells will have rubber treads and painted block walls.

Strategic use of purple but not make the whole building purple.

Given an interesting list to see if some educational concepts could be incorporated into the building. One that they were able to incorporate were tessellation in the multipurpose room. This room also needs acoustic treatment and the fabric will have a little bit of purple in it.

HA personnel are testing different flooring. One can be heat welded together and can flash up the wall. It has an abrasive top and needs a brush to clean it. The other is thicker and is in some restaurant in the Portland area. It is a solid color which makes it less desirable. Water-based epoxy paint for easy cleanup. David G. asked about paint in the halls, wants to talk about it.

Multiuser bathrooms on the first, second, and third floors will be have the large floor ceramic tile that is in the dining commons. Colors will mirror the colors on each classroom floor. Small bathrooms will have a random pattern of ceramic tile and white subway tile or painted block. Glazed block occurs in the locker rooms. Lockers in the locker rooms will be purple.

PAC - At the stage around the presidium perimeter is a reveal with LED lights and with maple trim. The walls will have a combination of wood and fabric acoustic treatment. On the lower walls there would be a different fabric for the acoustic treatment. The carpet is a fairly solid magenta color that is classic and intended to anchor the space. Along the walks/corridors in the PAC there will be display areas for student 2D work. Wood acoustic panels from the ceiling.

III. Jeff Davis - 98% printing starts on Monday and will be sent to DOE, after that there will be an internal quality control review. This should be wrapped up by Thanksgiving. The estimator will review these documents also and provide a final estimate in a few weeks. The meetings with DOE will continue to finalize this.

IV. Next meeting December 9 at 5:30.