

**TRUMBULL HIGH SCHOOL BUILDING COMMITTEE**  
**MINUTES**  
**August 6, 2008**

**Call to Order:** The Chair called the Trumbull High School Building Committee to order at 7:02 p.m.

**Present:** Ms. Bivona, Mr. Doyle, Ms. Flynn, Ms. Gottlieb, Mr. Jenkins, Mr. McCabe, and.

**Absent:** Mr. Chmielewski, Ms. King, Mr. Lemay, Mr. Ronnow and Ms. Timpanelli.

**Also Present:** Town Attorney, Daniel Schopick, Mark Reale of Bismark Construction, Alfonso Barbarotta of AFB Construction Management, John Barbarotta of AFB Construction, Mr. J. Butkas of JCJ Architecture, Jeffrey Elliott of JCJ Architecture, Tom Walsh of O&G Ind., Graham Curtis and George Kerr of Diversified Technologies Consultants.

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**Approval of Minutes:**

Ms. Bivona and Mr. Jenkins moved and seconded to approve the 07-16-08 meeting minutes as submitted. VOTE: Motion to carried 6-0-1 (Nugent abstained).

**Construction Manager Update – Additions:**

Mr. Reale reported the final punch-list items as filters, motor replacement & solenoid covers are scheduled for 08-08-08; the final 4 hours of training & final walk-thru are scheduled for 08-12-08. The solenoid covers are intact and operational.

Drywall patching & painting is complete and had been taken out of the carpenter's (general trade's) allowance. The state change orders are complete and are in the sign-off process. Bismark is recommending the release of retainage for THP, Silktown & Richards. Mr. Jenkins spoke against releasing Richard's retainage before the walk-thru occurs. Mr. Reale stated that the release will actually take place after the walk-thru, by the Town. Mr. Barbarotta will attend the walk-thru and will confirm that all work by Richard's has been finished satisfactorily.

Ms. Flynn moved to approve Bismark's Application #25.

Ms. Flynn withdrew her motion.

Ms. Flynn moved and Mr. Jenkins seconded to approve Bismark Construction's Application #25 in the amount of \$102,122.00 thru 7-31-08; pending a successful BoE walk-thru on 08-12-08 (Richard's retainage in the amount of \$29,624.00 is the amount that could be withheld pending an unsatisfactory walk-thru). Vote: Motion approved unanimously.

Ms. Flynn and Ms. Bivona moved and seconded to approve C/) #89 a credit representing the general unused trade allowance in the amount of (\$22,941.25). VOTE: Motion approved unanimously.

Ms. Flynn and Ms. Bivona moved and seconded to approve C/O #90 representing the HVAC allowance: a credit in the amount of (\$17,428.00). Vote: Motion approved unanimously.

Mr. Doyle suggested Bismark after completion of the project closeout critique the Building Committee.

**Architect Update-Like-New-Renovation:**

Mr. Butkus introduced the DTC Team, Mr. Graham Curtis and George Kerr of Diversified Technologies to the Building Committee.

The Existing System, the main heating plant consists of 3 dual fuel boilers with piping to radiation and interior air handlers. Mr. Kerr explained that the existing HVAC system dates back to 1970, 2 new chillers were added in 2001, the fire alarm system dates back to 1992 and there had been some upgrades to the gym area in 1989. Primarily the entire system is original. The ductwork & piping system is difficult to get to in many areas due to space constraints of the building. The basic strategies proposed is to change the HVAC system, it will be a 60-year old system by the end of its life-span if left intact. Premium efficient motors; variable speed pumps and fans; use of energy recovery, i.e. “free cooling cycles” per code; use of demand control ventilation and occupancy sensing controls are recommended.

Mr. Butkus confirmed what had just been completed with the addition project would be adaptable to the Like-New-Renovation project, it may need to be modified but it will definitely be tied into the “Like-New”.

Mr. Kerr explained that LEED is building wide. Enhanced Energy Performance strategies that could be utilized are as follows: Solar, PV Hot Water; Ice storage; Geothermal; Chiller and Boiler Optimization; Other LEED and energy management strategies and Rain Water Harvesting (to irrigate the fields).The entire facility must be renovated to a 20-year life.

Mr. Elliot reviewed the space inventory with the Building Committee. The total student capacity is 379,363 sf – Design Capacity max. number of students is 2,174 (gross area per student is 174.5). The High School is 47,113 sf under the allowable for state reimbursement at this time; the numbers are very close. The state reimbursement rate is different for the pool because it is not educational but will impact the square footage maximum. Lecture Halls could be included with gymnasium seating, although Mr. Butkus does not see anything in the program to justify that at this time. Mr. Butkus reported that there are on-going meetings with the Tech Department. The BoE has confirmed program accessibility as their choice. The Facilities Department has been extremely helpful and has reported that the building is clean of any radon , a 3-year update on asbestos had been filed last spring, they are compiling utility records for the past 2 years, the oil tank information is forthcoming and they are getting the air discharge DEP records.

Energy modeling will be forthcoming.

In response to a question from Ms. Gottlieb, Mr. Butkus stated the portable will be removed at the end of the renovate-as-new project; therefore they will not count towards the square footage maximum.

Mr. Nugent left the meeting at 8:38 p.m.

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The next scheduled meeting would take place on Wednesday August 20<sup>th</sup> at 7:00 p.m. at the Helen Plumb building.

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Upon motion made by Ms. Flynn seconded by Ms. Bivona the Trumbull High School Building Committee adjourned by unanimous consent at 8:40 p.m.

Respectfully submitted,

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Margaret D. Mastroni

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