

## Trumbull High School Building Committee

July 11, 2012

### Minutes

- Called to Order: Chairman, James Nugent called the meeting to order at 7:06 p.m.
- Present: Ms. Bivona, Ms. Flynn, Mr. Jenkins, (arrived at 7:09 p.m.), Mr. McCabe, Mr. Preusch, Mr. Doyle, Mr. Meisner, Mr. Nugent and Mr. Chmielewski.
- Absent: Mr. Lemay, Mr. Ronnow and Ms. Timpanelli.
- Also Present: Mr. John Barbarotta of AFB Construction Management, Mr. Stephen Burgess of JCJ, Mr. Joseph Vetro of O&G and Mr. Brian Holmes of O&G, Mr. Tom Walsh of AP Construction and Attorney Jeff Donofrio.

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Approval of Minutes: Moved by Mr. Meisner, seconded by Ms. Bivona to accept the 06-27-12 meeting as submitted.

After discussion and review the Building Committee agreed an amendment was not necessary with regard to the concession stand paragraph on page 4 of the 06-27-12 minutes, the paragraph reflects what had taken place at the meeting. VOTE: Motion CARRIED 7-0-1 (Abstention: Flynn)

(Mr. Jenkins arrived at 7:09 p.m.)

Owner's Rep Update:

Mr. John Barbarotta reported that the demolition of B-House is moving very quickly. There are two (2) more rooms to be abated for asbestos after completion the project will be 100% complete with regard to asbestos abatement. They are currently working in the following areas of the school: M-Wing, Shop, Media Center and the upper Media Center, B-House, all is moving very fast. The roof snow removal insurance claim is also currently being worked on. Reclamation of the parking lot has started, the entire back parking lot has been reclaimed, and they are working very well with the Town. Installation of the ductwork is on-going.

In response to Mr. Meisner, Mr. J. Barbarotta stated they had all gone out to look at the smoke vent that had been leaking at the auditorium, including the manufacturer; they believe it is the smoke hatches that are leaking not the roof.

In response to Mr. Preusch, Mr. J. Barbarotta stated that the he had met with the Channel 17 studio department heads, many of their concerns have been addressed, they did not get everything they wanted, they were able to give them what did not cost a lot, additional power, extra circuits, the ceiling was removed. The air volume while filming does have its own control; it can be lowered while filming. Mr. J. Barbarotta stated that they have met and he has gone over their concerns.

Architect's Update:

Mr. Burgess reported that JCJ had received a \$50,000 partial payment from the Town.

LEED Update: (See Attached)

Mr. Burgess reported that the project has 38 likely's and yes's (LEED points). That is one more point than the 37 necessary to achieve LEED Silver. They have submitted the design phase, with 24 possible LEED points, 3 were turned down to date. The three that had been rejected are as follows:

- Light pollution reduction in the south east parking lot.

- Energy performance they had attempted 5 points and were given 4.
- Mop racks - cleaning. They were denied 1 point due to the fact that they did not have enough exhaust. They had applied with using green chemicals but had been turned down.

Mr. Doyle noted that could have been an additional point if it had been included in the original HVAC design. In response to Mr. Jenkins, Mr. Burgess explained that many rooms had been submitted under this category and this one room was rejected.

Mr. Holmes stated that under the heading Material and Resources (LEED Report) page 2, those likely's listed are 99% positive that they will be given those points, there is another on the top of page 3 that could be a probable point. Of the 4, 3 are more than likely positives and one is only a possible. Construction likely will move over to yes's.

Mr. Burgess indicated that another way to achieve a point is to have the school purchase a credit under the energy and atmosphere, the cost of one credit is \$1,700, if they apply for two credits that would cost \$3,400 which is a very economical way of achieving two points. He is willing to work with the district on this and believes he may be able to beat that cost as well. LEED certification is months away.

Construction Manager Update:

Mr. Holmes reported that the sidewalks and curbs went out to bid today and is due in two weeks, July 25, 2012. The Building Committee will need to vote on the qualified low bidder. They are projecting to finish the paving of the parking lots in October 2012.

Mr. Vetro reviewed the O&G Report with the Building Committee. There is \$2 million available in construction funds.

Moved by Ms. Flynn, seconded by Ms. Bivona to approve the 16' Auto Shop Garage Door RFI #440 in the amount of \$7,868.

Mr. Vetro explained that the 8' door had been removed, there is a 16' opening at this time. This would have been included. O&G still needs to get a price on the jams he is anticipating the jams to cost approximately \$3,500. \$7,868 represents the single insulated wall door. Mr. Vetro spoke favorably of the company who will be installing the door. The door is long lead item; they will receive the door approximately six weeks after it is ordered.

VOTE: Motion CARRIED unanimously.

Moved by Ms. Flynn, seconded by Ms. Bivona to approve the upgrade to the Saw Stop Table Saw in the amount of \$2,132.

Mr. Vetro explained that this a safety saw, once the saw comes in contact with anything with electrical conductivity, the blade is pulled down and automatically stops. When the safety features does trip there is significant recovery time

VOTE: Motion CARRIED unanimously.

Moved by Ms. Flynn, seconded by Ms. Bivona to approve the new foundation wall RFI #463 in the amount of \$5,141.

Mr. Vetro explained that this item represents a new foundation wall the block needed to be back-filled. The engineer felt it was better to build in front of the wall. John Barbarotta and Mr. Vetro had approved this item.

VOTE: Motion CARRIED unanimously.

Moved by Mr. Doyle seconded by Ms. Bivona to approve the Boiler Room Tank Infill RFI # 481 in the amount of \$2,900.

Mr. Vetro explained that the water tank was under the slab, approximately 42 cubic yards worth, this was a large tank. The tank was a storage tank for the cooling tower; they had cut the top of the tank off. Mr. Barbarotta had received prices as high as \$15,000 for this item; this has already been completed and was at a depth of 12' they had used clean stone to fill, they were able to do this using a bobcat. Mr. J. Barbarotta stated that this item had been vetted very well.

VOTE: Motion CARRIED unanimously.

Moved by Ms. Bivona, seconded by Ms. Flynn to approve the Premium Time in the amount of \$8,414 representing the time period 06/30/2012 through 07/07/2012. This represent two weekends of premium time based on a schedule of contractors

VOTE: Motion CARRIED unanimously.

Mr. Vetro reviewed the schedule as follows:

- Phase I - complete except for punch list, area has been turned over to owner.  
Phase II - Construction -
- Vestibule A113 - complete except for punch list, area has been turned over to owner.
- Back of Stage/Old Administrative Area- complete except for punch list in all rooms except the set and costume storage.
- Kitchen and Cafeteria - complete except for punch list, area has been turned over to owner.
- Areas H & G - First and Second Floor (C-House) - complete except for punch list, area has been turned over to owner
- Area North and West of Media Center - Second Floor - Ductwork is installed. HVAC piping and insulation complete. Ceiling grid is installed. Ceiling pads are being installed. Sprinkler drops are being completed.
- Area South and East of Media Center - Second Floor - Demo is complete. Masonry walls being installed. HVAC piping being installed. Electrical rough-ins started.
- Area E & F First and Second Floor (A-House) - complete except for punch list, area has been turned over to owner.
- Area F & G First and Second Floor (B-House) - Demolition is complete. MEP rough-ins started. Masonry has started. Sheetrock framing has started.
- Main Gym and Auxiliary Gym - complete except for punch list, area has been turned over to owner.
- Boys and Girls Locker Room Area- complete except for punch list, area has been turned over to owner.
- Band and Chorus Area - Sheetrock is complete. Ceiling grid installation complete. MEP finishes are complete, flooring being installed.
- Media Center - Architectural and MEP demolition is complete. Sprinkler installation and electrical rough-ins are complete. Sheetrock installation has started. Roof replacement has started.

- Bathrooms - Area B & C - Plumbing rough-ins complete. Masonry is complete. Ceiling Grid is complete. Finishes have been started.

Areas started earlier will be turned over earlier; they expect to turn over the remaining areas at the end of August 2012.

The roof replacement has been the biggest issue they have been pushing them for more manpower, the biggest obstacle is that they do not have good access to the dumpster. This has been time consuming and labor intensive, they need them to be done by the end of July 2012. The bathrooms are on schedule, the mason is starting this Monday. The Media Center (first and second floor) is on schedule. Mr. J. Barbarotta anticipates them to finish this section soon. The old A/V area painting will begin on the July 16, 2012.

Mr. Vetro stated that there are approximately 125 workers on site and is happy with the current staffing levels, the first couple of days of demo there were as many as 150 workers on-site. In response to Ms. Flynn and Mr. Meisner, Mr. Vetro explained the check and balance is that the contractors have committed to the schedule. Mr. J. Barbarotta stated that JCJ has made more site visits and spoke favorably of how that is working well for the project; it is helpful to have them on site every other day.

Mr. Holmes will have an updated Cost Summary for the committee in two weeks.

Moved by Ms. Flynn, seconded by Ms. Bivona to approve the AAIS Invoice 9805 dated 07/05/12 in the amount of \$106,918.78 representing asbestos removal: Carpet Tile and Mastic.

This represent 8 rooms completed in less than a week, with double shifts and carpet removal as well, this includes an additional 10 classroom with a quote of \$14,000. This was a lot of work in a short amount of time.

VOTE: Motion CARRIED unanimously.

Moved by Ms. Flynn, seconded by Ms. Bivona to approve the AFB Construction Management Application #48 in the amount of \$36,100 representing monthly fee through June 30, 2012.

VOTE: Motion CARRIED unanimously.

Moved by Mr. Jenkins, seconded by Ms. Bivona to approve the Atlantic Leasing Invoice # 19186 dated July 1, 2012 in the amount of \$410 representing rental of storage containers for the month beginning 07-01-12 through 7-31-12 and the rental of semi-trailer for the month beginning 07-01-12 through 07-31-12.

There are 4-5 trailers on-site for July.

VOTE: Motion CARRIED unanimously.

Moved by Mr. Meisner, seconded by Mr. McCabe to approve the JCJ Invoice #45 dated June 30, 2012 in the amount of \$48,953.47 representing professional services and reimbursable from June 01, 2012 through June 30, 2012.

JCJ is 89.6% complete. \$24,000 represents last year's CA.

VOTE: Motion CARRIED 7-1 (Against: Flynn).

Moved by Ms. Bivona, seconded by Mr. Doyle to approve the JCJ Invoice # 15 dated 06-30-12 in the amount of \$11,548.25 representing FF&E Professional services for the period June 01-12 through June 30, 2012.

70% to contract administration.

VOTE: Motion CARRIED unanimously.

Moved by Ms. Bivona, seconded by Mr. Jenkins to approve the O&G Ind. Application #38 dated July 6, 2012 for a period to 06-29-12 in the amount of \$1,447,178 representing services through 06-29-12.

This has been certified by JCJ.

VOTE: Motion CARRIED unanimously.

Moved by Ms. Flynn, seconded by Ms. Bivona to approve the Sustainable Engineering Solutions, Inc Invoice #1341 dated 07-02-12 representing commissioning service in the amount of \$14,925. They will be working through October 2012. Mr. J. Barbarotta spoke favorably of the people performing the commissioning noting that they are asking the right questions

VOTE: Motion CARRIED unanimously

Moved by Mr. Chiemelewski, seconded by Ms. Bivona to approve the Ciulla & Donofrio, LLP Invoice #15745 dated July 3, 2012 in the amount of \$1,856.25 representing professional services 03-05-12 through 06-27-12.

The First Selectman had requested and directed Atty. Donofrio to attend all THS Building Committee meetings.

VOTE: Motion CARRIED unanimously.

The next scheduled meeting is July 25, 2012 at 7:00 p.m. location at the Helen Plumb Building

There being no further business to discuss the THSBC adjourned by unanimous consent at 9:06 p.m.

Respectfully submitted,

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Margaret D. Mastroni, Clerk

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LEED for Schools Registered Project Checklist

11-Jul-12

Trumbull High School Renovation & Additions  
Trumbull, CT

Key:  
 Yes - Project either currently complies or can easily comply with minimal cost  
 Likely - Project can easily comply with minimal cost, but verification or minimal changes to current design are needed.  
 Less Likely - Compliance will have significant impact of cost, design, and/or schedule.  
 No - Either not applicable or cost prohibitive.

					Sustainable Sites		Responsible Party	Due by:	Comments
Yes	Likely	Less Likely	No						
5	0	0	11						
C	Y			Prereq 1	<b>Construction Activity Pollution Prevention</b> Status/Comments: Implement an Erosion and Sedimentation Control (ESC) Plan	SBA		ESC has been provided by SBA.	
D	Y			Prereq 2	<b>Environmental Site Assessment</b>	DTC/ SWA	Completed	Credit anticipated	
D			1	Credit 1	<b>Site Selection</b>	SWA		Credit will not be targeted. Parking lot is within 100 feet of a wetland	
D			1	Credit 2	<b>Development Density &amp; Community Connectivity</b>	N/A		Credit not attempted, Does not meet requirements	
D	1			Credit 3	<b>Brownfield Redevelopment</b>	DTC/ SWA	Completed	Credit anticipated	
D			1	Credit 4.1	<b>Alternative Transportation, Public Transportation Access</b>	N/A		Credit not achievable. No public bus route	
D			1	Credit 4.2	<b>Alternative Transportation, Bicycle Use</b>	N/A		Not targeted. Land and streets surrounding facility is not conducive to kids riding bikes	
D	1			Credit 4.3	<b>Alternative Transportation, Low-Emitting and Fuel-Efficient Vehicles</b>	CR3/SWA	Completed	Credit anticipated	
D			1	Credit 4.4	<b>Alternative Transportation, Parking Capacity</b>	N/A		Credit will not be attempted. Project would not be allowed to exceed 429 parking spots but current projection is 772.	
C			1	Credit 5.1	<b>Site Development, Protect or Restore Habitat</b>	N/A		Project does not meet requirements.	
D	1			Credit 5.2	<b>Site Development, Maximize Open Space</b>	-	Completed	Credit anticipated	
D			1	Credit 6.1	<b>Stormwater Design, Quantity Control</b>	-	-	Not targeted. Town requirements do not comply with LEED.	
D			1	Credit 6.2	<b>Stormwater Design, Quality Control</b>	-	-	Not targeted. Town requirements do not comply with LEED.	
C			1	Credit 7.1	<b>Heat Island Effect, Non-Roof</b>	N/A		Credit not attempted. Large asphalt parking lot makes this credit unattainable	
D	1			Credit 7.2	<b>Heat Island Effect, Roof</b>	-	Completed	Credit anticipated	
D			1	Credit 8	<b>Light Pollution Reduction</b> Status/Comments: Limit interior lighting exiting building and limit site lighting	DTC	Completed	Credit Denied	
D			1	Credit 9	<b>Site Master Plan</b> Status/Comments: Achieve 4 of 7 SS credits above and School Board collaborated in Site Master Plan development for the building site and this addition.			Not targeted Only 1 of 4 required credits anticipated (5 1)	
D	1			Credit 10	<b>Joint Use of Facilities</b>	AFB	Completed	Credit anticipated	

					Water Efficiency		Responsible Party	Due by:	Comments
Yes	Likely	Less Likely	No						
6	0	0	1						
D	1			Credit 1.1	<b>Water Efficient Landscaping, Reduce by 50%</b>	SWA	Completed	Credit anticipated	
D	1			Credit 1.2	<b>Water Efficient Landscaping, No Potable Use or No Irrigation</b>	SWA			
D			1	Credit 2	<b>Innovative Wastewater Technologies</b> Status/Comments: Opt 1. Reduce potable water use for sewage conveyance 50%	N/A		Credit not attempted.	
D	1			Credit 3.1	<b>Water Use Reduction, 20% Reduction</b>	SWA	Completed	Credit anticipated	
D	1			Credit 3.2	<b>Water Use Reduction, 30% Reduction</b>	SWA	Completed	Credit anticipated	
D	1			Credit 3.2	<b>Water Use Reduction, 40% Reduction</b>	SWA	Completed	Credit anticipated	
D	1			Credit 4	<b>Process Water Use Reduction</b>	SWA	Completed	Credit anticipated	

Yes  
Likely  
Less Likely  
No

6 1 1 9 **Energy & Atmosphere**

C					Prereq 1	<b>Fundamental Commissioning of the Building Energy Systems</b> Status/Comments: Will provide Commissioning requirements	SES	TBD	SES to complete LEED Template and provide required documentation
D					Prereq 2	<b>Minimum Energy Performance</b>	SWA	Completed	Prereq anticipated
D					Prereq 3	<b>Fundamental Refrigerant Management</b>	DTC	Completed	Prereq, anticipated
D					Credit 1	<b>Optimize Energy Performance (2 pt minimum)</b>	SWA	Completed	4 points achieved with 15% savings
	2					7.4% Combination New Building & Existing Building Renovations	SWA		10% Initial
	1					10.9% Combination New Building & Existing Building Renovations	SWA		See above
	1					14.4% Combination New Building & Existing Building Renovations	SWA		See above
				1		17.9% Combination New Building & Existing Building Renovations			Blended % will be calculated if required
				1		21.4% Combination New Building & Existing Building Renovations			Blended % will be calculated if required
				1		31.5% New Buildings or 24.5% Existing Building Renovations			Blended % will be calculated if required
				1		35% New Buildings or 28% Existing Building Renovations			Blended % will be calculated if required
				1		38.5% New Buildings or 31.5% Existing Building Renovations			Blended % will be calculated if required
				1		42% New Buildings or 35% Existing Building Renovations			Blended % will be calculated if required
D					Credit 2	<b>On-Site Renewable Energy</b> Status/Comments: PV, wind or other on-site			DTC has proposed installing a Solar PV system for the school that will provide 2.5% of the building electric load. School Board decision is pending
				1		<b>2.5% Renewable Energy</b>	N/A		
				1		<b>7.5% Renewable Energy</b>	N/A		Credit not attempted.
				1		<b>12.5% Renewable Energy</b>	N/A		Credit not attempted.
C	1				Credit 3	<b>Enhanced Commissioning</b> Status/Comments: Begin process in DD and provide follow up after construction	SES	TBD	SES to complete LEED Template and provide required documentation.
D	1				Credit 4	<b>Enhanced Refrigerant Management</b>	SWA	Completed	Credit Anticipated
C				1	Credit 5	<b>Measurement &amp; Verification</b> Status/Comments: Implement a M+V Plan in accordance with IPMVP Volume III: Concepts and Options for Determining Energy Savings in New Construction, April 2003. Need to determine how many additional monitoring points will be required to assign a cost to this credit.	N/A		Credit will not be targeted as a result of team discussion 12/8/09 Too expensive.
C		1			Credit 6	<b>Green Power</b> Status/Comments: Provide 35% of the building's electricity from renewable sources. Project can elect to pursue this credit late in the schedule if necessary or desired.	AFB	TBD	SWA has requested quotes from providers and will pass along to Steve Kennedy.

Yes  
Likely  
Less Likely  
No

4 4 1 4 **Materials & Resources**

D					Prereq 1	<b>Storage &amp; Collection of Recyclables</b> Status/Comments: This requires space on drawings be identified for the storage and collection of paper, plastic, glass, metal and corrugated cardboard recyclables.	AFB	Completed	Prereq, Anticipated
C	1				Credit 1.1	<b>Building Reuse, Maintain 75% of Existing Walls, Floors &amp; Roof</b> Status/Comments: Applies to building structure and envelop (excluding windows)	JCJ	TBD	JCJ to perform calculations and document on LEED Online
C	1				Credit 1.2	<b>Building Reuse, Maintain 95% of Existing Walls, Floors &amp; Roof</b> Status/Comments: Applies to building structure and envelop (excluding windows)	JCJ	TBD	JCJ to perform calculations and document on LEED Online
C				1	Credit 1.3	<b>Building Reuse, Maintain 50% of Interior Non-Structural Elements</b> Status/Comments: Includes interior walls, doors, floor coverings and ceiling systems.	JCJ	TBD	Credit not attempted.
C	1				Credit 2.1	<b>Construction Waste Management, Divert 50% from Disposal</b> Status/Comments: Recycle at least 50% of non-hazardous construction waste. Waste can be sorted off site. Exclude soil and land-clearing debris.	O&G	TBD	SWA provided CWM Specification and O&G is documenting waste diversion. Project is currently tracking over 75% (3/19/12)
C		1			Credit 2.2	<b>Construction Waste Management, Divert 75% from Disposal</b> Status/Comments: Won't know till the project is complete but it has been achieved in other projects	O&G	TBD	SWA provided CWM Specification and O&G is documenting waste diversion. Project is currently tracking over 75% (3/19/12)
C				1	Credit 3.1	<b>Materials Reuse, 5%</b> Status/Comments: Use salvaged, refurbished or reused materials for 5% of cost	N/A		Credit not attempted.
C				1	Credit 3.2	<b>Materials Reuse, 10%</b> Status/Comments: As above. Use 15% for Exemplary Performance Credit	N/A		Credit not attempted.
C	1				Credit 4.1	<b>Recycled Content, 10% (post-consumer + 1/2 pre-consumer)</b> Status/Comments: Based on cost. Recycled content of materials based on weight. SWA will develop a specification addenda and documentation requirements	O&G	TBD	SWA provided Specification language and O&G is reviewing subcontractor submittals for compliance. Project currently tracking 31.4% based on \$3.1 million in submittals (3/19/12)
C		1			Credit 4.2	<b>Recycled Content, 20% (post-consumer + 1/2 pre-consumer)</b> Status/Comments: See credit MR 4.1 above	O&G	TBD	See above comments
C		1			Credit 5.1	<b>Regional Materials, 10% Extracted, Processed &amp; Manufactured Regionally</b> Status/Comments: Use building product extracted, harvested and manufactured within 500 miles. Based on material cost. Fractions of content are based on weight.	O&G	TBD	SWA provided Specification language and O&G is reviewing subcontractor submittals for compliance. Project currently tracking 36.5% based on \$3.1 million in submittals (3/19/12)

C			1		Credit 5.2	<b>Regional Materials, 20% Extracted, Processed &amp; Manufactured Regionally</b> <b>Status/Comments:</b> As above Use 40% for Exemplary Performance Credit	O&G	TBD	See above comments
C				1	Credit 6	<b>Rapidly Renewable Materials 2.5 %</b> <b>Status/Comments:</b> Typical building product from harvested material (10 year old less) for 2.5% of total costs	N/A	TBD	Credit not attempted
C		1			Credit 7	<b>Certified Wood</b> <b>Status/Comments:</b> Use a min of 50% of FSC wood-based materials and products (permanently installed)	JC/J/O&G	TBD	SWA provided Specification language and O&G is reviewing subcontractor submittals for compliance

Yes	Likely	Less Likely	No
7	2	0	11

### Indoor Environmental Quality

D		Y			Prereq 1	<b>Minimum IAQ Performance</b> <b>Status/Comments:</b> Meet minimum requirements of ASHRAE 62.1-2004 (Sections 4 - 7) and approved Addenda (see ASHRAE 62-2001, Appendix H) using the Ventilation Rate Procedure.	DTC	Completed	Prereq Anticipated
D		Y			Prereq 2	<b>Environmental Tobacco Smoke (ETS) Control</b> <b>Status/Comments:</b> Smoking prohibited.	AFB	Completed	Prereq Anticipated
D		Y			Prereq 3	<b>Minimum Acoustical Performance</b> <b>Status/Comments:</b> Two options to design classrooms and core learning spaces to meet Reverb. Time requirements of ANSI S12.60-2002	JCJ	Completed	Prereq Anticipated
D	1				Credit 1	<b>Outdoor Air Delivery Monitoring</b> <b>Status/Comments:</b> Provide permanent monitoring of CO2	DTC	Completed	Credit Anticipated
D				1	Credit 2	<b>Increased Ventilation</b> <b>Status/Comments:</b> Increase mechanical ventilation 30% over ASHRAE 62.1-2004 or demonstrate effective ventilation for naturally ventilated buildings.	-	-	Project will not comply with this credit.
C	1				Credit 3.1	<b>Construction IAQ Management Plan, During Construction</b> <b>Status/Comments:</b> Implement IAQ plan per SMACNA Guidelines protect absorptive materials from moisture and use MERV 8 filters during construction	O&G	TBD	In progress CMK has collected early photo documentation of IAQ compliance. Need 6 photos on at least 3 different occasions
C				1	Credit 3.2	<b>Construction IAQ Management Plan, Before Occupancy</b> <b>Status/Comments:</b> Opt. 1 Flush out. Opt. 2 Air quality testing	O&G	TBD	Pursuing this credit with a phased construction is no longer feasible.
C	3	1			Credit 4	<b>Low-Emitting Materials (1-4 points)</b> <b>Status/Comments:</b> Up to 4 points are available. Five options for 1 point for each of Adhesives & Sealants, Paints & Coatings, Flooring Systems, Composite Wood & Agnifiber Products and Furniture & Furnishings.	JC/J/O&G	TBD	Targeting Paints & Coatings, Composite Wood & Agnifiber, Carpet, Ceilings & Wall Systems SWA provided Specification language and O&G is reviewing subcontractor submittals for compliance. (Furniture and Adhesives & Sealants will not be targeted)
D				1	Credit 5	<b>Indoor Chemical &amp; Pollutant Source Control</b>	-	-	Credit denied as there is one area (Mop/Laundry room) that will not have exhaust and neg pressure therefore does not meet the credit requirements.
D				1	Credit 6.1	<b>Controllability of Systems, Lighting</b>	-	-	Will no longer comply with credit, the alternate bid was taken which do not include the increased lighting control requirements for classrooms. SG email 7/1
D				1	Credit 6.2	<b>Controllability of Systems, Thermal Comfort</b>	-	-	Credit not feasible.
D	1				Credit 7.1	<b>Thermal Comfort, Design</b>	DTC	Completed	Credit Anticipated
D	1				Credit 7.2	<b>Thermal Comfort, Verification</b>	AFB		Credit Anticipated
D					Credit 8.1	<b>Daylight &amp; Views, Daylighting (1-3 points)</b> <b>Status/Comments:</b> Through one of the three optional methodologies, achieve daylighting through one of the three options.	SWA/JCJ		Current design will not comply with LEED credit requirements. Too many interior spaces without windows.
				1		<b>75% of classrooms (required for either points below)</b>	SWA/JCJ		
				1		<b>90% of classrooms</b>	SWA/JCJ		
				1		<b>75% of other spaces</b>	SWA/JCJ		
D				1	Credit 8.2	<b>Daylight &amp; Views, Views for 90% of Spaces</b> <b>Status/Comments:</b> Achieve direct line of sight to the outdoor environment via vision glazing between 2'6" and 7'6" above finish floor for building occupants in 90% of all regularly occupied areas	SWA/JCJ		Current design will not comply with LEED credit requirements. Too many interior spaces without windows.
D				2	Credit 9	<b>Enhanced Acoustical Performance (1-2 points)</b> <b>Status/Comments:</b> Design classrooms and other core learning spaces to meet the Reverberation Time (RT) requirements of ANSI Standard S12.60-2002 Acoustical Performance Criteria, Design Requirements and Guidelines for Schools. Also design classrooms and other core learning spaces to meet the Sound Transmission Class (STC) requirements, excepting windows, which must meet an STC rating of at least 40 or 35. USGBC recently added compliance paths for acoustics	JCJ		Acentech/JCJ to complete LEED Online Template. According to Acentech's calculations, the project will not meet the requirements for this credit. 12/15/10
D					Credit 10	<b>Mold Prevention</b> <b>Status/Comments:</b> Achieve credits EQ credit 3.1, 7.1 and 7.2, provide HVAC systems and controls designed to limit space relative humidity to 60% or less during all load conditions (both occupied and unoccupied), and develop and implement on an ongoing basis an IAQ management program for buildings based on an EPA document.	DTC/AFB	10/20/2010	<b>DEFER UNTIL CONSTRUCTION</b> DTC has provided narrative. SWA to provide IAQ Management statement for AFB to obtain owner approval.

Yes	Likely	Less Likely	No
2	1	0	0

### Innovation & Design Process

D	1				Credit 1.1	<b>Innovation in Design</b> Option Green Housekeeping/Cleaning	SWA/AFB	Completed	Credit Anticipated
C				1	Credit 1.2	<b>Innovation in Design</b> Green Power - Exemplary Performance <b>Status/Comments:</b> Provide 70% of the building's electricity from renewable sources for 2 years (or 35% over 4 years)	SWA/AFB	TBD	SWA has requested quotes from providers and will pass along to Steve Kennedy. Targeting this credit is suggested.

C		1	Credit 1.3	<b>Innovation in Design: Construction Waste Management - Exemp Perf.</b> <b>Status/Comments:</b> Must have a total of 95% or more waste diverted from landfill	O&G	TBD	May be achievable but cannot be determined just yet. Alternates to be evaluated
C		1	Credit 1.4	<b>Innovation in Design</b> <b>Status/Comments:</b>	TBD	TBD	
C	1		Credit 2	<b>LEED Accredited Professional</b> At least one principal participant of the project team shall be a LEED Accredited Professional (AP)	ALL	<b>Completed/Uploaded</b>	Uploaded. Other active team members with LEED AP encouraged to submit certificates
D		1	Credit 3	<b>The School as a Teaching Tool</b> Integrate the sustainable features of a school facility with school's educational mission. Design curriculum based on high performance features of the building and commit to implementing the curriculum within 10 months of LEED certification. The curriculum should not just describe the features themselves but explore the relationship between human ecology, natural ecology and this building's ecology. Curriculum must meet local or state curriculum standards, be approved by school administrators, & provide 10 or more hrs of classroom instruction per year per full-time student	AFB	10/20/2010	SWA has provided School As a Teaching Tool Guidelines to Owner to aid district development.

Yes    Likely    Less LI    No

30    8    5    **36**    **Project Totals (pre-certification estimates)**    79 Points

Certified 29-36 points    Silver 37-43 points    Gold 44-57 points    Platinum 58-70 points