



**DOVER SCHOOL
DISTRICT**

**JOINT BUILDING COMMITTEE
DOVER HIGH SCHOOL AND REGIONAL CTC
MINUTES**

Meeting Type:	Regular Meeting
Meeting Location:	Media Room 305, McConnell Center
Meeting Date:	Monday, September 15, 2014
Meeting Time:	7:45 a.m.

- I. CALL TO ORDER AND ROLL CALL:** A meeting of the Dover High School and Regional Career Technical Center Joint Building Committee was called to order on Monday, September 15, 2014 at 7:55 a.m. in the Media Room 305 in the McConnell Center. Present were Robert Carrier, Amanda Russell, Sarah Greenshields, Jason Gagnon, Wayne Coolidge and Matt Severson. Also present were Superintendent Elaine Arbour, Business Administrator Karen Taylor, Dover High School Principal Peter Driscoll, CTC Director Louise Paradis and Facilities Director Jeff White.
- II. INTERVIEWS OF FIRMS FOR NEEDS ASSESSMENT, SITE SELECTION AND DESIGN SERVICES RFQ:**
- | | |
|--------------------------------|--|
| 8:00 a.m. – 9:45 a.m. | Corzilius Matuszewski Krause Architects |
| 10:15 a.m. – 12:00 p.m. | HMFH Architects, Inc. |
| 1:15 p.m. – 3:00 p.m. | Dore & Whittier Architects, Inc. |
| 3:30 p.m. – 5:15 p.m. | Lavallee Bresinger Architects |
- III. GENERAL DISCUSSION:** The committee created the following list of all points they liked for each firm from the interviews:
- a. CMK**
- Flexible materials/design
 - Estimates within 2-3%
 - Conscious of community use/needs
 - Have managed renovation/new build recently
 - Inventory-> Facilities
 - Focus on “return on investment” for sustainability
 - Extensive NH CTE renovations
 - Extensive commissioning
 - Clear about how systems play out & interact over time
 - # people & time they talked re: specialty areas = team
 - Never over budget
 - Recommend need for monitoring – clerk of the works
 - Change orders typically owner driven
 - Educational input
 - Large scale geothermal experience
 - Education construction >100 school projects
 - Realistic recs. (e.g. – Gmax value on turf) (maintenance)



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- Dif. Between project & construction costs
- Energy conservation #s
- Able to segregate DHS/CTE costs
- Use of storage
- Tighe & Bond's site approach
- Envelope = key to energy efficiency
- Campus & athletic design layout
- Temporary ventilation, space + phasing/safety

b. HMFH

- Educational experience – what they do
- “Next practices” in education
- Experience with flexible
- Listen, learn, design implement & start w/ no assumptions
- “We” (Dover) generate recommendations – they facilitate
- Address 3 seasons with commissioning
- 1st to mention Dover Listens = research on us
- Want to collaborate with contractors early = “skin in the game”
- Learning communities spaces/pods
- Work with estimator from day 1
- Have CTE educational planner
- Have gone through tax override process
- Grants for schools
- Addressed hazardous waste
- Very in tune/focus – community involvement & support for project
- Blend CTE/Academic spaces
- Involve students heavily – CTE
- Extremely tight bid results
- Emphasis on natural light
- Connection to outdoor spaces
- Safety & minimal impact during construction
- Most diverse team as far as background
- Project = investment, not expenditure
- Building design has social impact on students
- Presentation materials/strategies
- Could speak to “emergency shelter”



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- Good planning & durable, cost-effective materials = future flexibility
- Investigating traffic concerns & work w/ TAC
- Get superior energy performance @ lower per sq. foot cost than traditional methods
- Emphasize flexibility in learning spaces
- Awareness/Sensitivity to abutters
- Whole team concept
- Foundation of safety and security
- BIM – good use of tech for efficiencies & communication
- Under budget on Concord projects

c. Dore & Whittier

- City master plan
- 3M square feet constructed
- Students feeling valued in their space
- Possibility of oversizing community spaces for future use
- “Education drives design”
- Strong belief that process must be accountable & transparent to public
- Use social media, open houses, project imagery
- Safety & security – Crime prevention through envelope design
- Market analysis of evolving CTE programs
- 85% of their work in education
- Had educational & CTE planner
- Talked re: energy modeling
- Rain gardens, envelope analysis...efficiency
- What & how for feasibility study
- Completed 13 LEED certified facilities, LEED gold minimum standard, sustainability including quality of life and energy
- “Return on Investment” re: sustainability
- BIM
- Connection between quality of facility & student performance
- Local business investment for CTE
- Utilization of space through schedule
- School & local economy connected
- Creative thinking re whole site, especially traffic
- Collaboration between school/community



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- Honesty & realism – early management of expectations
- Bring Construction Manager in early; construction savings; schedule savings
- Commissioning process
- Proactive re: contacting DOE for \$ split
- Largest firm
- Wanted enrollment projections

d. Lavalle Bresinger

- Passion for education
- Passion for building communities
- Vision, planning->aligned to work of vision committee
- Over 300 public school projects w/ responsible budget
- Collaborate to develop solutions/recommendations w/ JBC
- Work from the inside out (start with leadership team)
- Schools/CTE=greatest expertise
- Run grassroots campaigns to build community support
- Participating in site surveys
- Models, etc. to present ideas to the community – multiple avenues
- Student centered design
- Financial reporting system endorsed by DOE
- Flexible organization/materials to support varied teaching/learning
- Create campus – dedicated planner
- Principal=certified educational facilities planner
- 2 CHPS authors
- Monthly report card
- Trust and Listen
- Use building to teach students re: energy usage
- Phasing
- Professional atmosphere for CTE
- School to industry
- “Allow about you (Dover)”
- Tell us condition and remaining service life
- Salvage materials
- “Don’t think small. Design for tomorrow & beyond.”
- Talk to students for ideas (locker pods came from students)
- 50+ LEED projects



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- Importance of orientation of building
- STEAM/STEM/CTE knowledge
- BIM
- 3 \$ levels of sustainability: envelope, utility, incentives
- Design diversity
- Establish needs, then budget
- Learned what not to use
- Holistic view of site & traffic
- One planner was practitioner (High Tech High)
- Fundraising for equip./rebates
- Transparency & accountability
- How students learn, not how teachers teach
- Construction manager early
- Out-of-box community use (elevated track for seniors, etc.)

IV. ADJOURNMENT: Amanda Russell moved/ Jason Gagnon seconded to adjourn the JBC meeting at 6:02 p.m. An oral **VOTE PASSED 6/0.**

Respectfully submitted,

Melissa Glidden

Melissa Glidden, Recording Secretary