



Dover High School & Regional Career Technical Center

- **Laura Wernick** FAIA, REFP, LEED AP—Project Director
- **Tina Stanislaski** AIA, LEED AP—Project Manager
- **Bobby Williams** AIA, LEED AP—Project Architect



Dover High School & Regional Career Technical Center

Consultant Team

Frank Locker PhD, AIA, REFP — Educational Planner

Carlos DeSousa PE—GGD Engineers M/E/P Engineers

Rich Roberts, PE - FBRA Engineers Structural Engineers

Margaret Campbell LEED—Solar Design Consultant

Erin Nobis Engineering, Civil Engineers

Quantitative

Budget
Up-front cost



Durability
Sustainability
Long -term operational
efficiency

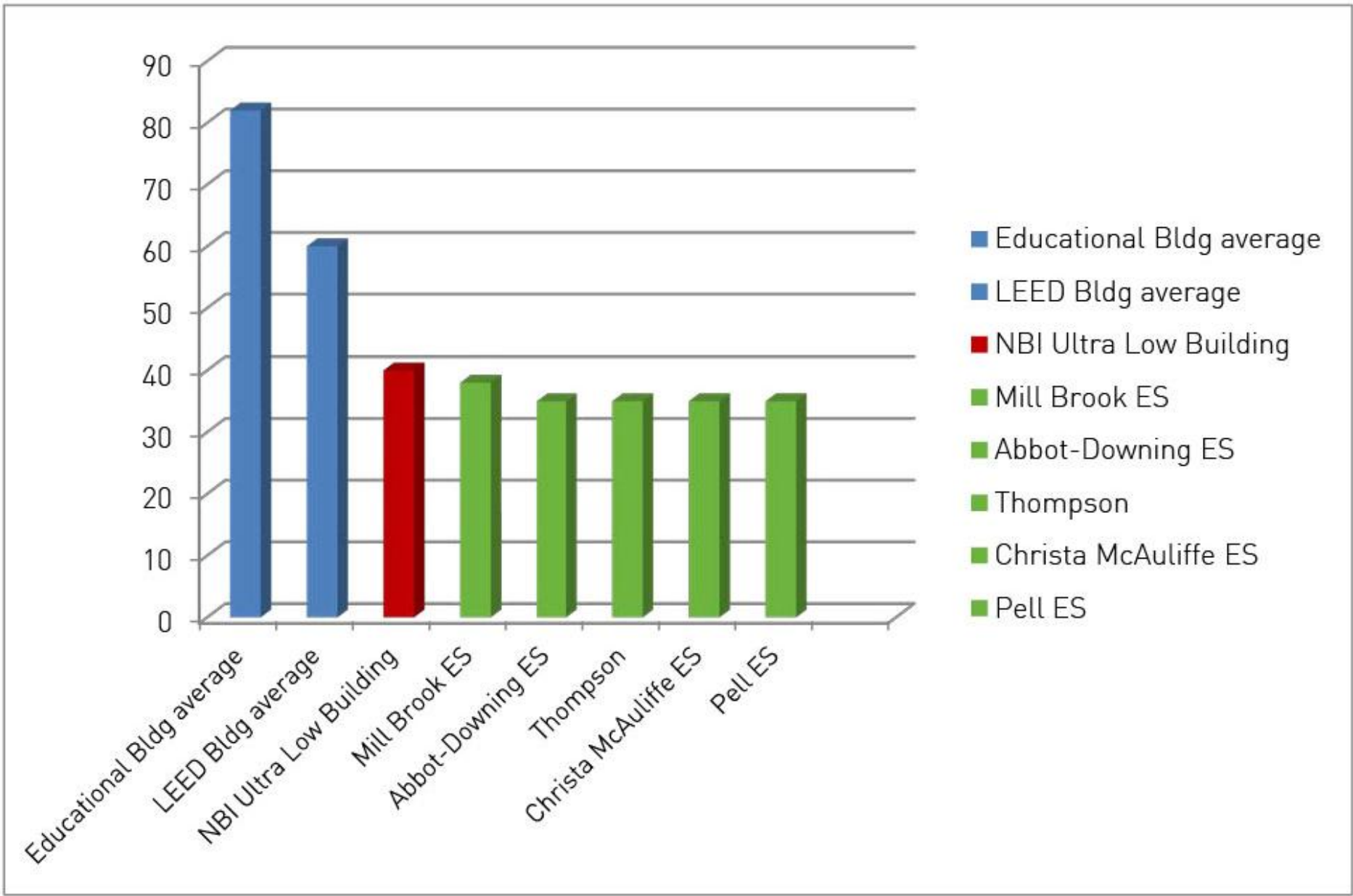
Qualitative

Budget
Up-front cost



Thermal comfort/air quality
Natural light
Acoustics
Warm, welcoming environment

Efficient configuration
Optimized square footage



- Educational Bldg average
- LEED Bldg average
- NBI Ultra Low Building
- Mill Brook ES
- Abbot-Downing ES
- Thompson
- Christa McAuliffe ES
- Pell ES























Somerville High School



- Construction Systems
- Auto Mechanics
- Body Shop
- Culinary Arts
- Cosmetology

Cambridge Rindge and Latin

- Television Studio
- Audio Recording Studio
- Digital Editing



Everett High School

- Culinary Arts
- Carpentry
- Machine Shop
- Communications/Multi Media





Hanover High School

STEAM Suite: Design, Engineering, Fab Lab, Art, Communications Studio



Dover High School and Regional Career Tech Center

Feasibility Study Schedule
 HMFH Architects, Inc
 16-Dec-14

	Christmas 2015																											
	1-Dec	8-Dec	15-Dec	22-Dec	29-Dec	5-Jan	12-Jan	18-Jan	26-Jan	2-Feb	9-Feb	16-Feb	23-Feb	2-Mar	9-Mar	16-Mar	23-Mar	30-Mar	6-Apr	13-Apr	20-Apr	27-Apr	4-May	11-May	18-May	25-May	1-Jun	8-Jun
JBC Meetings			○					○		○		○		○		○		○		○		○		○		○		○
Site and Building Assessment																												
Team Site and Building Tour	○																											
Draft Report																												
Review with JBC								○																				
Final Report																												
Educational Planning																												
Visioning Sessions			○			○	○		○	○																		
Tours of Other Schools?																												
Teacher's Interviews																												
Draft Report/Educational Plan																												
Draft Space Program																												
Review Draft Report w JBC												○																
All Faculty review													○															
Final presentation to JBC														○														
Final presentation to SC														○														
Community Meeting(s)?															○													
Site Option Studies																												
Develop Reno and New Options																												
Review with JBC																			○									
Refine Options																												
Review with JBC - Narrow to 3																					○							
Sustainable Goals Meeting																							○					
Dover Agency Meetings																							○					
Community Meeting(s)?																								○				
Final Options with Cost Estimates																											○	
JBC Approval																											○	
School Committee Approval																											○	
City Council Review																												○

Meeting Color Key

Visioning Sessions	○
JBC Meetings	○
SBC Meetings	○
Community Meetings	○
Agency Reviews	○
City Council Review	○
All Faculty Meeting	○



Handwritten notes on the first flipchart, including a list of items and a diagram.

Handwritten notes on the second flipchart, including a list of items and a diagram.

Handwritten notes on the third flipchart, including a list of items and a diagram.

Handwritten notes on the fourth flipchart, including a list of items and a diagram.

Handwritten notes on the fifth flipchart, including a list of items and a diagram.

Handwritten notes on the sixth flipchart, including a list of items and a diagram.

Handwritten notes on the seventh flipchart, including a list of items and a diagram.

Handwritten notes on the eighth flipchart, including a list of items and a diagram.

Handwritten notes on the ninth flipchart, including a list of items and a diagram.

Handwritten notes on the tenth flipchart, including a list of items and a diagram.

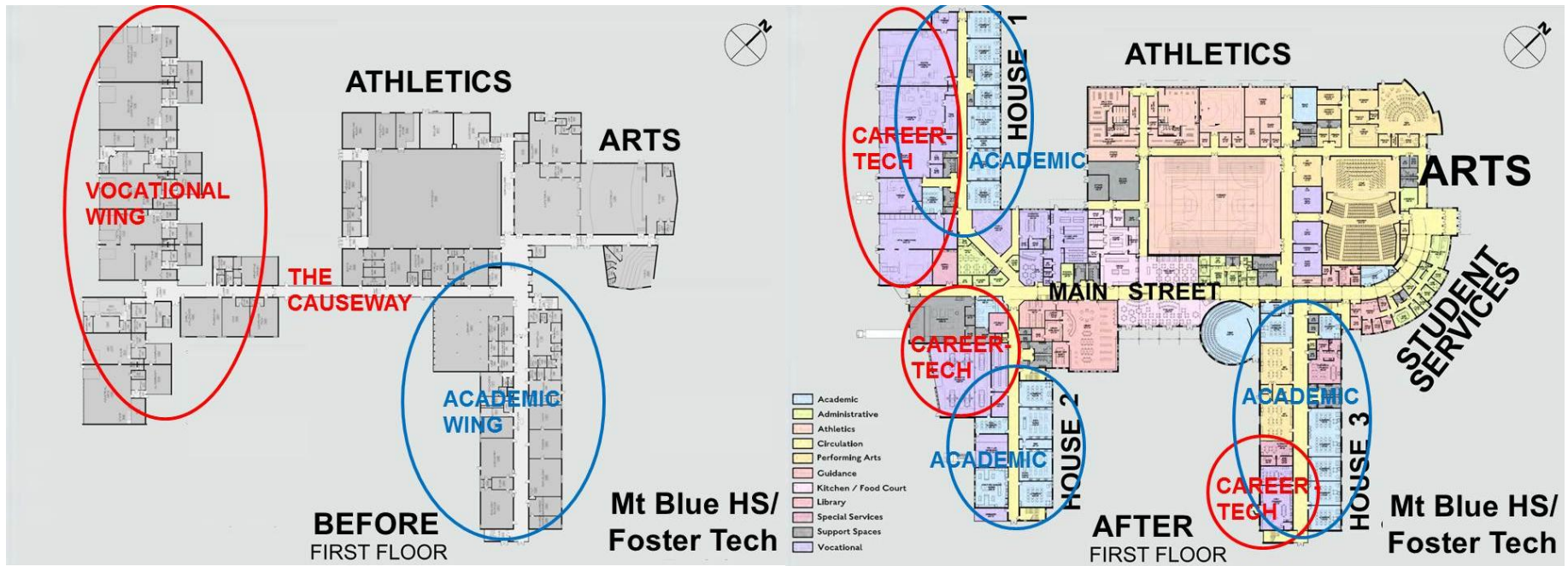
Handwritten notes on the eleventh flipchart, including a list of items and a diagram.

Handwritten notes on the twelfth flipchart, including a list of items and a diagram.

Academic and career-tech

- Integration of academics with career tech learning
 - Experience shows standardized test scores go up
- National career cluster model as a model
 - Academies overlapping departments
- Flexibility for future program change

Mt Blue HS/ Foster Tech Center
Farmington, ME --PDT Architects





First Floor



Second Floor

Room Key

- High School
- Middle School
- Community / Shared
- Special Education
- Vocations & Technology
- Support
- General Administration



Option C - 2 Story Renovation - 9 thru 12

Winthrop High School

Winthrop, MA
4 October 2012



First Floor



Second Floor



Third Floor

Room Key

- High School
- Middle School
- Community / Shared
- Special Education
- Vocations & Technology
- Support
- General Administration



Option D - 3 Story New - 6 thru 12

Winthrop High School

Winthrop, MA
4 October 2012





Room Key

- High School
- Middle School
- Community / Shared
- Special Education
- Vocations & Technology
- Support
- General Administration

First Floor

Second Floor



Pros and Cons

- Analysis
- Comparison
- Merits
- Recommendations

Option E - 2 Story New - 9 thru 12

Winthrop High School

Winthrop, MA
4 October 2012





Existing Conditions

- **Systems Upgrades Needed**
- **Structural Upgrades With Renovation**
- **Accessibility Upgrades Needed**





Existing Conditions

- **The 2nd and 3rd Floor have low floor to floor heights**
- **50% of Classrooms, The Library and Guidance Offices are interior Spaces**

