

# Concord-Carlisle Regional High School



Design Development Progress

Meeting #13

School Building Committee

September 4, 2012

omr architects

# Agenda

## Responses to Questions:

1. Please show SD elevations in comparison with DD elevations, and how does the glazing compare?
2. What is included in the MACHPS Indoor Environmental Quality credits for DD? Are we meeting air quality requirements?
3. Explain the energy efficiency of the building as compared with SD?
4. What is Value Engineering?
5. What is included in the security system?
6. What is the useful life of the flooring materials in the building?
7. Why do we not have a final landfill remediation memo and why is there only one tracking number for DEP?
8. Use of Project Contingency Funds?
9. What is the Eligible GSF?
10. Bus Depot discussion: Tabled until September 12.



# Q1

## South Elevation



MSBA SCHEMATIC DESIGN/ PROJECT FUNDING AGREEMENT

Rendering does not show SD-VE Targeted Savings List



AUGUST DESIGN DEVELOPMENT

Achieved VE Savings from SD Targeted List in overall composition

- High performance building envelope. Energy model has improved overall.
- Optimized ratio of materials: Composite and Pressed metal panels, Ground Face Block, Brick coursing details.
- Curtainwall w/ high performance Low E glass. Selectively reduced clerestory glazing.
- 1 row of horizontal sunshades on 3rd & 4th floors, interior light shelves at south only and interior manual shades to control glare.
- Deleted curved roofs and parapet at high roof. Using PVC roofing at flat/ tapered roofs.
- Building reduced in height and length due to lowering grade and tightening the building footprint.
- 3 large skylights at light wells; 6 skylights at stairs, 12 skylights at 1<sup>st</sup>/2<sup>nd</sup> floors, and daylighting from corridor to classrooms.

# East Elevation



MSBA SCHEMATIC DESIGN/ PROJECT FUNDING AGREEMENT



AUGUST DESIGN DEVELOPMENT

# North Elevation



MSBA SCHEMATIC DESIGN/ PROJECT FUNDING AGREEMENT



AUGUST DESIGN DEVELOPMENT

# West Elevation



MSBA SCHEMATIC DESIGN/ PROJECT FUNDING AGREEMENT



AUGUST DESIGN DEVELOPMENT



## Exterior Wall Materials

### SD:

Masonry	52%
Metal Panel	18%
<u>Glazing</u>	<u>30%</u>
	100%

### DD:

Masonry	53%
Metal Panel	30%
<u>Glazing</u>	<u>17%</u>
	100%

Note: This analysis does not include skylights and roof monitors.

# Exterior Materials





# Exterior Materials



## Main Entry



## MSBA SCHEMATIC DESIGN/ PROJECT FUNDING AGREEMENT

## AUGUST DESIGN DEVELOPMENT

6	Targeted Points in Integration & Innovation
13	Targeted Points in Indoor Environmental Quality
13	Targeted Points in Energy
7	Targeted Points in Water
10	Targeted Points in Site
5	Targeted Points in Materials & Waste Management
7	Targeted Points in Operations and Maintenance

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Total Points Targeted: 61

6-8	Targeted Points in Integration & Innovation
9	Targeted Points in Indoor Environmental Quality
16-17	Targeted Points in Energy
7	Targeted Points in Water
9	Targeted Points in Site
5	Targeted Points in Materials & Waste Management
7	Targeted Points in Operations and Maintenance

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Total Points Targeted: 59 - 62

MA CHPS points remain consistent & our building energy model reflects efficiency gains since SD.



# MA CHPS Scorecard: Indoor Air Quality

Collaborative for High Performance Schools (CHPS)										
PROJECT APPLICATION										
Based on the 2009 Edition										
<b>III. CHPS Scorecard</b>										
When your project is ready to be screened and reviewed, notify CHPS by faxing or emailing the registration form signed. On this scorecard, you should have placed a check mark in the "ready for review" column for the design review, and when it is time for the construction review for each prerequisite and credit claimed signifying that its template has been completed and that all supporting attachments and documents have been uploaded to your project CHPS website. Check with CHPS for alternative, equivalent submittals that may be acceptable.										
Key: T-Template Required, A-Attachment Required, CD-Construction Document Required, CA - Construction Audit Requirement										
CHPS SECTION	CREDIT NUMBER	TITLE	POSSIBLE POINTS	POINTS CLAIMED	TEAM MEMBER RESPONSIBLE	DESIGN REVIEW REQUIREMENTS	READY FOR REVIEW	CONSTRUCTION REVIEW REQUIREMENTS	READY FOR REVIEW	CONSTRUCTION AUDIT REQUIREMENT

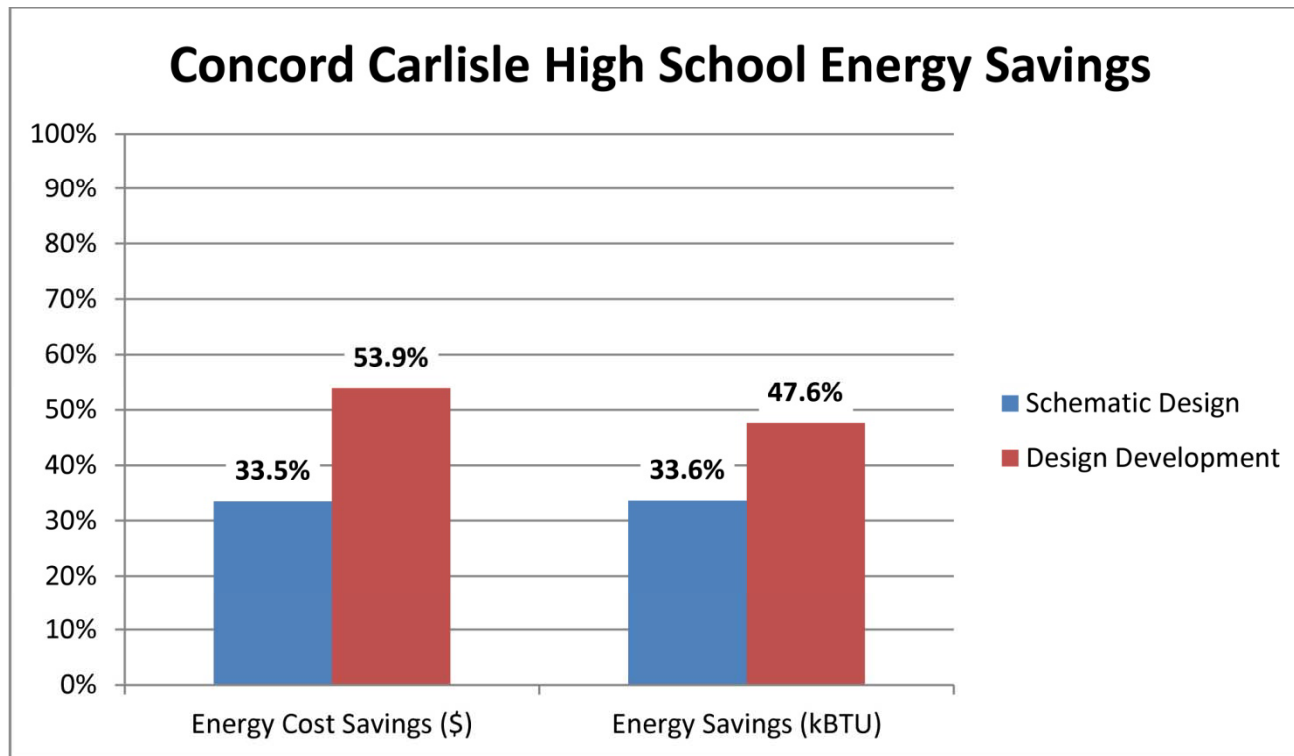
INDOOR ENVIRONMENTAL QUALITY (4 prerequisites; 26 possible points)										
DESIGN	EQ.P1	<a href="#">HVAC Design - ASHRAE 62.1</a>	Req	Req	Engineer: Dominick Puniello	T	A	CD		
	EQ.P2	<a href="#">Construction IAQ Management</a>	Req	Req	Engineer: Dominick Puniello	T	-	CD		
	EQ.P3	<a href="#">Pollutant and Chemical Source Control</a>	Req	Req	Architect: James Forrest	T	A	CD		CA
	EQ.P4	<a href="#">Moisture Management</a>	Req	Req	Architect: James Forrest	T	-	CD		
	EQ.P5	<a href="#">Minimum Filtration</a>	Req	Req	Engineer: Dominick Puniello	T	-	CD		CA
	EQ.P6	<a href="#">Thermal Comfort - ASHRAE 55</a>	Req	Req	Engineer: Dominick Puniello	T	A	CD		
	EQ.P7	<a href="#">View Windows, 70%</a>	Req	Req	Architect: James Forrest	T	-	CD		CA
	EQ.P8	<a href="#">Eliminate Glare</a>	Req	Req	Other: Lukas Sturm	T	A	CD		
	EQ.P9	<a href="#">Minimum Acoustical Performance</a>	Req	Req	Other: Ioana Pieleanu	T	A	CD		
	EQ.P10	<a href="#">Minimum Low Emitting Materials</a>	Req	Req	Architect: James Forrest	T	A	CD		
DESIGN	EQ.C1	<a href="#">View Windows, 80 – 90%</a>	1-2	-		-	-	-		
	EQ.C2	<a href="#">Daylighting in Classrooms</a>	1-6	-		T	-	CD		CA
	EQ.C3	<a href="#">Advanced Low-Emitting Materials</a>	1-4	2	Architect: James Forrest	T	-	CD		CA
	EQ.C4	<a href="#">Ducted Returns</a>	1	1	Engineer: Dominick Puniello	T	-	CD		
	EQ.C5	<a href="#">Enhanced Filtration</a>	1	1	Engineer: Dominick Puniello	T	-	CD		CA
	EQ.C6	<a href="#">Post-Construction IAQ</a>	1	1	Engineer: Dominick Puniello	T	A	CD		
	EQ.C7	<a href="#">Enhanced Acoustical Performance</a>	1-4	1	Other: Ioana Pieleanu	T	-	CD		CA
	EQ.C8	<a href="#">Controllability of Systems</a>	1-2	2	Architect: James Forrest	T	-	CD		CA
	EQ.C9	<a href="#">Duct Access &amp; Cleaning</a>	1	-		T	-	CD		CA
	EQ.C10	<a href="#">Electric Lighting</a>	1	1	Engineer: Carlo DeSousa	T	A	CD		CA

DD Total: 9

Air Quality Requirements

Air Quality Credits

Will be achievable with MERV 13 filter which provides good quality ventilation air, by blocking minute particles and allergens



- Schematic Design Energy Model reflected an energy cost savings of 33.5% and energy savings of 33.6%
- Design Development Model reflects an energy cost savings of 53.9% and energy savings of 47.6%

“Value engineering (VE) is a systematic method to improve the "value" of goods or products and services by using an examination of function. Value, as defined, is the ratio of function to cost. Value can therefore be increased by either improving the function or reducing the cost.”

Identifying and removing unnecessary expenditures increases the value for the customer, and reduces costs by eliminating wasteful practices. VE methods include material substitutions and increasing energy efficiency.



## The Integrated Security System Consists of 3 Sub Systems:

1. CCTV System
2. Access Control System
3. Intrusion System

### 1. CCTV System

- Computer software with image software
- Computer monitors
- 29 IP based closed circuit TV cameras located in the stairwells, corridors and exterior locations
- An additional 16 cameras, (which are currently being installed at the high school) will be relocated to the new building

### 2. Intrusion System

- Security Panel, keypads, motion detectors and door contacts
- Interior corridors will have motion sensors
- Door contacts will be provided on all exterior doors
- Allows the alternate gymnasium to be partitioned while the remainder of the school remains alarmed

### 3. Access Control System

- Card access controller, door controller and proximity readers
- Located at select exterior doors
- Proximity readers will have a distinct code to identify and log users in the memory system
- Initiate real time recording on the integrated CCTV system

**The following floor materials are to be used at CCHS:**

**1. Linoleum Flooring: 30 year system service life**

- Daily cleaning consists of sweeping, dusting and washing with a floor machine.
- Periodic maintenance is required which consists of burnishing the floor with a microfiber pad.
- Linoleum does not require waxing or stripping, such as with a VCT floor, and linoleum's life expectancy is 2X as long.
- Linoleum is used in Willard Elementary School.

**2. Carpet Tile: 12 year system service life**

- Daily cleaning consists of vacuuming.
- Periodic maintenance is required which consists of cleaning with a hot water extractor (Tiles can be replaced if damaged or worn).
- Carpet tile is used in Willard Elementary School.

**3. Poured Epoxy: 12 year service life**

- Daily cleaning consists of sweeping, dusting and washing with a floor machine.
- Poured epoxy is used in Willard Elementary School.

**4. Rubber Tile: 10 year service life**

- Daily cleaning consists of sweeping, dusting and washing with a floor machine.
- Rubber tile is used in Willard Elementary School.

Per CDW Consultants Inc.,

“[Different compounds or constituents were detected at different times in the landfill and therefore reported separately.] Because the site is a landfill containing a mixture of fill materials, the detection of these petroleum compounds does not constitute a new release condition and does not require submission of a new notice to the DEP. The Phase II - Comprehensive Site Assessment that will be prepared will address the presence of the various constituents of concern. [This Phase II is due by Feb 2015, but based on the data collected, it will be ready to submit within approximately 2 months.]”

Note that these constituents will be consolidated and tracked as one release.



# Landfill Remediation Process

Per CDW Consultants Inc.,

“... with the preparation of the [Phase II and Phase III] reports, the final design of the engineered barrier can be completed and bidding documents can be prepared as part of the Phase IV –Remedy Implementation Plan.”



KVAssociates Inc. Building Industry Consultants

303 Congress Street

Boston, MA 02210

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F 617.436.1215

kva@boston.com

August 3, 2012

Mr. Paul Flynn  
Project Manager  
Massachusetts School Building Authority  
40 Broad Street  
Suite 500  
Boston, MA 02109

Re: Concord-Carlisle High School  
OMR Amendment #14  
BRR reclass dated July 11, 2012

Dear Paul:

Please find attached; OMR amendment #14 and associated back-up, which are comprised of the following:

- Supplemental Subsurface Investigation, PR #20.  
Value of \$8,360

This work is required to further delineate areas of the historic town landfill which was discovered within the high school building site.

No budget reclass required.

- DEP Regulatory submittal and construction administration, PR 21.  
Value of \$53,075

This represents a partial value of an overall estimated value (\$106,150) of costs associated with the DEP regulatory management and construction administration for site closure in regards to the discovered historic landfill on site. For long term project budgetary purposes KVA requested an order of magnitude for these services.

Please note that this partial value of \$53,075 is being funded via a budget reclass of \$86,999. This budget reclass is from un-used funds within the FSA phase of the project. The District requested to close out this phase in its entirety and transfer these under-runs to this cost in the PFA phase. The District is fully aware and understands that this transfer/reclass will be deemed ineligible. Please see the attached executed MSBA budget Revision Request, current project budget dated 08-02-12, and budget reallocation log that lists the individual moves which makes up the total reclass of \$86,999.

BBR explanation of \$86,999.00

- \$4,796 represents un-used NTE fees for various subconsultant services
- \$82,203 represents un-used funds within the "other" category  
\$86,999

- Construction Administration Phase - Geotechnical Services, PR 22.  
Value of 65,780

Geotechnical support services through the construction phase of the project.

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No budget reclass required

Please call with any questions and or concerns you may have regarding the above.

Sincerely,  
KVAssociates, Inc.

Brian Dakin  
Project Manager

cc: OMR amendment file  
Daniel McSweeney, KVA Financial Manager  
BBR file




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# Project Contingency: Budget Tracking

CONCORD-CARLISLE HIGH SCHOOL - BUDGET TRACKING													
MSBA ID: W200906400505 Concord-Carlisle Regional High School Project Director: KVA, David Saindon													
Period Ending 7/31/2012 MSBA Reimbursement Package N/A Includes GC/CM Requisition N/A			Current Budget 										
	PFA Budget [A]	Budget Changes [B]	Rev. PFA Budget [C]	Committed Costs [D]	Previously Billed	This Billing Cycle	Expended [E]	Unspent [F]=[D]-[E]	Remaining Budget [G]=[C]-[D]	% Complete [H]=[E]/[J]	CTC [I]	Anticipated C @ C [J]=[D]+[I]	Variance [K]=[C]-[J]
0204 0500 Wetlands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
0204 1200 Traffic Studies	\$30,000	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000		\$30,000	\$30,000	\$0
<b>0300 0000 SITE ACQUISITION</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
0300 9999 Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
0301 0000 Land/Building Purchase	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
0302 0000 Appraisal Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
0303 0000 Recording Fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
<b>0500 0000 CONSTRUCTION CONTRACT</b>	<b>\$78,891,629</b>	<b>\$0</b>	<b>\$78,891,629</b>	<b>\$6,389,349</b>	<b>\$70,440</b>	<b>\$0</b>	<b>\$70,440</b>	<b>\$6,318,909</b>	<b>\$72,502,280</b>		<b>\$72,478,380</b>	<b>\$78,867,729</b>	<b>\$23,900</b>
0500 9999 Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
0501 0000 Pre-Construction Services	\$200,000	\$0	\$200,000	\$140,880	\$70,440	\$0	\$70,440	\$70,440	\$59,120	50%	\$35,220	\$176,100	\$23,900
0502 0000 Construction													
0502 0001 Construction Budget	\$71,365,015	\$0	\$71,365,015	\$6,248,469	\$0	\$0	\$0	\$6,248,469	\$65,116,546	0%	\$65,116,546	\$71,365,015	\$0
0506 0000 Alternates (alt gym, trade+cm mark ups)	\$3,626,614	\$0	\$3,626,614	\$0	\$0	\$0	\$0	\$0	\$3,626,614		\$3,626,614	\$3,626,614	\$0
0507 0000 Owner's Construction Contingency	\$3,700,000	\$0	\$3,700,000	\$0	\$0	\$0	\$0	\$0	\$3,700,000		\$3,700,000	\$3,700,000	\$0
0508 0000 Change Orders	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
<b>0600 0000 MISCELLANEOUS PROJECT COSTS</b>	<b>\$125,000</b>	<b>\$0</b>	<b>\$125,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$125,000</b>		<b>\$125,000</b>	<b>\$125,000</b>	<b>\$0</b>
0600 9999 Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
0601 0000 Utility Company Fees	\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000		\$50,000	\$50,000	\$0
0602 0000 Testing Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
0603 0000 Swing Space/Modulars	\$25,000	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000		\$25,000	\$25,000	\$0
0699 0000 Other Project Costs	\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000		\$50,000	\$50,000	\$0
<b>0700 0000 FURNISHINGS &amp; EQUIPMENT</b>	<b>\$2,940,000</b>	<b>\$0</b>	<b>\$2,940,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,940,000</b>		<b>\$2,940,000</b>	<b>\$2,940,000</b>	<b>\$0</b>
0700 9999 Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
0701 0000 Furnishings & Equipment (FF+E)	\$1,470,000	\$0	\$1,470,000	\$0	\$0	\$0	\$0	\$0	\$1,470,000		\$1,470,000	\$1,470,000	\$0
0702 0000 Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
0703 0000 Computer Equipment	\$1,470,000	\$0	\$1,470,000	\$0	\$0	\$0	\$0	\$0	\$1,470,000		\$1,470,000	\$1,470,000	\$0
0799 0000 Other Furnishings & Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
<b>0800 0000 OWNER'S CONTINGENCY</b>	<b>\$525,000</b>	<b>\$0</b>	<b>\$525,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$525,000</b>		<b>\$525,000</b>	<b>\$525,000</b>	<b>\$0</b>
0800 9999 Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0
0801 0000 Owner's Contingency	\$525,000	\$0	\$525,000	\$0	\$0	\$0	\$0	\$0	\$525,000		\$525,000	\$525,000	\$0
<b>PROJECT TOTALS</b>	<b>\$92,578,524</b>	<b>\$0</b>	<b>\$92,578,525</b>	<b>\$16,184,209</b>	<b>\$3,156,528</b>	<b>\$0</b>	<b>\$3,156,528</b>	<b>\$13,027,681</b>	<b>\$76,394,316</b>		<b>\$76,389,566</b>	<b>\$92,573,775</b>	<b>\$4,750</b>

# Project Contingency: Budget Reallocation Log

CONCORD-CARLISLE HIGH SCHOOL - BUDGET REALLOCATION LOG					
Date: 8/30/2012					
Item	Reallocation Date	Cost Codes	Line Description	Value	Reason
8	8/26/2012	0003 0000	Phase 1 Preliminary ESA	-\$275	06-26-12 Reclassed \$275 to DEP regulatory services for the landfill in the PFA phase. Savings from Feasibility study to PFA phase. Total event budget move of \$86,999
		0204 0300	DEP regulatory for landfill (CDW)	\$275	
		0003 0000	Phase 2 Preliminary ESA	-\$64	06-26-12 Reclassed \$64 to DEP regulatory services for the landfill in the PFA phase. Savings from Feasibility study to PFA phase. Total event budget move of \$86,999
		0204 0300	DEP regulatory for landfill (CDW)	\$64	
		0003 0000	Initial Site Survey (Nitsch)	-\$2,360	06-26-12 Reclassed \$2,360 to DEP regulatory services for the landfill in the PFA phase. Savings from Feasibility study to PFA phase. Total event budget move of \$86,999
		0204 0300	DEP regulatory for landfill (CDW)	\$2,360	
		0003 0000	Prelim Hazmat Survey (CDW)	-\$2,097	06-26-12 Reclassed \$2,097 to DEP regulatory services for the landfill in the PFA phase. Savings from Feasibility study to PFA phase. Total event budget move of \$86,999
		0204 0300	DEP regulatory for landfill (CDW)	\$2,097	
		0004 0000	Owner's Contingency	-\$82,203	06-26-12 Reclassed \$82,203 to DEP regulatory services for the landfill in the PFA phase. Savings from Feasibility study to PFA phase. Total event budget move of \$86,999
		0204 0300	DEP regulatory for landfill (CDW)	\$82,203	

# Project Contingency: PFA Budget Revision Request

7/11/12

TO: Director of Capital Planning

FROM: David Saindon

Concord-Carlisle School Committee, Towns of Concord-Carlisle

Concord-Carlisle High School

MSBA Project ID Number: W2009046400505

DATE: July 11, 2012

RE: Project Funding Agreement Budget Revision Request

Pursuant to Section 3.6 of the Project Funding Agreement between the Towns of Concord-Carlisle acting by and through its School Committee (the "District") and the MASSACHUSETTS SCHOOL BUILDING AUTHORITY (the "Authority"), the District hereby requests a revision to the Total Project Budget, Exhibit A, dated 7/11/12, for the Concord-Carlisle High School Project. As required, the District has provided the information outlined in the table below to indicate the Total Project Budget categories (line items) affected, the amounts needed and the reasons for the proposed revision.

The District acknowledges and agrees that it will not seek reimbursement from the Authority for any costs that exceed the already approved line item limits set forth in Exhibit A until after the Authority has accepted this Total Project Budget Revision Request, and the Authority's ProPay system has been adjusted accordingly.

The District further acknowledges and agrees that in accordance with Sections 3.6 and 3.7 of the Project Funding Agreement, any revisions to the Total Project Budget will not result in an increase to the Total Facilities Grant amount set forth in Section 2.1 of the Project Funding Agreement.

The District further acknowledges and agrees that the need for these revisions to the Total Project Budget have been identified in the OPM monthly report as required pursuant to the Contract for Owner's Project Management Services between the District and the OPM.

The District further acknowledges and agrees that all of the information contained in this Total Project Budget Revision Request has been reviewed and approved by the Towns of Concord-Carlisle, and it further certifies and acknowledges that the funds to pay for the costs associated with these proposed revisions are available as indicated by the signatures noted below.

Use Table 1 for identification of expenditures against the Owner's contingency. The Total Owner's Contingency in the Current Total Project Budget, Exhibit A of the PFA dated February 14, 2012 is \$525,000.

From Classification Code	From Classification Name	To Classification Code	To Classification Name	Budget Revision Amount	Reason for transfer (Attach all supporting documentation, e.g., executed contracts, amendments and or supporting invoices for reimbursable expenses)	Amount Remaining in Owner's Contingency	Ineligible/Cost/Scope Items excluded from the Total Facilities Grant
0003 0000	Environmental & Site	0204 0300	A&E Geotech & Geotech Environment	\$4,796	Align budget for savings in Feasibility Phase for DEP for regulatory for landfill costs. See attached backup.	\$525,000 No Change	\$4,796
0004 0000	Other	0204 0300	A&E Geotech & Geotech Env.	\$82,203	Align budget for savings in Feasibility Phase for DEP for regulatory for landfill costs.	\$525,000 No Change	\$82,203

Page 1 of 2



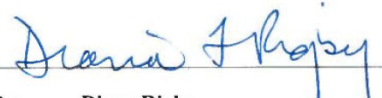
# Project Contingency: PFA Budget Revision Request

7/11/12

Use Table 2 for identification of expenditures against the Construction Contingency. The Total Construction Contingency in the Current Total Project Budget, Exhibit A of the PFA dated February 14, 2012, is \$3,700,000.

From Classification Code	From Classification Name	To Classification Code	To Classification Name	Budget Revision Amount	Reason for transfer (Attach all supporting documentation, e.g., executed contracts, amendments and or supporting invoices for reimbursable expenses)	Amount Remaining in Construction Contingency	Ineligible/Cost/Scope Items excluded from the Total Facilities Grant
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By signing this Total Project Budget Revision Request, I hereby certify that I have read and understand the terms of this Request and further certify that the information supplied by the District in the tables is true, accurate and complete.




By: Diana Rigby

Title: Chief Executive Officer

Date: 17 July 2012

By signing this Total Project Budget Revision Request, I hereby certify that I have read and understand the terms of this Request and further certify that the information supplied by the District in the tables is true, accurate and complete.



By: Diana Rigby

Title: Superintendent of Schools

Date: 17 July 2012

By signing this Total Project Budget Revision Request, I hereby certify that I have read and understand the terms of this Request and further certify that the information supplied by the District in the tables is true, accurate and complete.



By: Fabian Fondriest

Title: Chair of the School Committee

Date: July 17, 2012


MASSACHUSETTS SCHOOL BUILDING AUTHORITY



By: Mary Pickett

Title: Director of Capital Planning

Date: 8/13/12

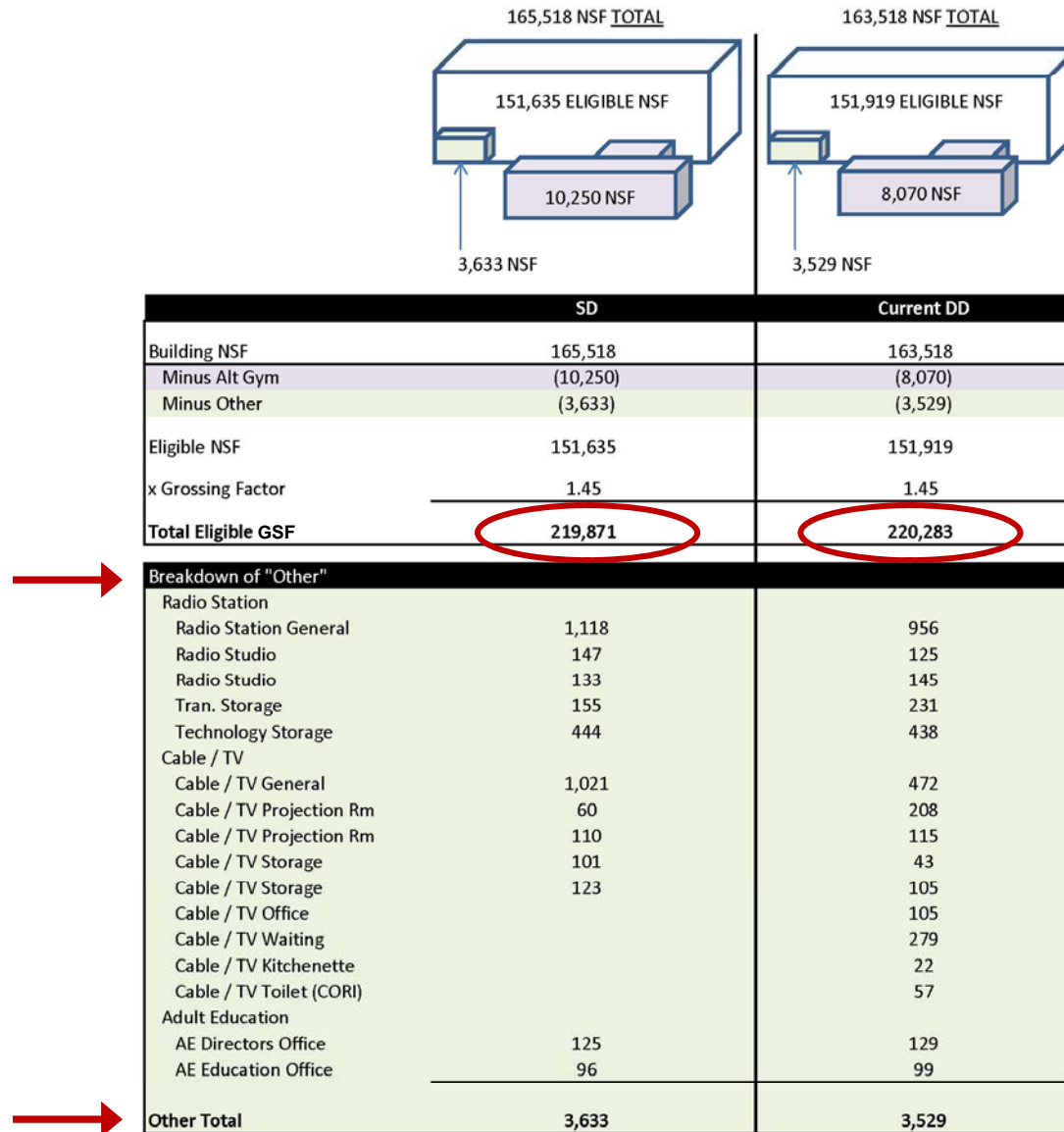
 WSC 8/9/12



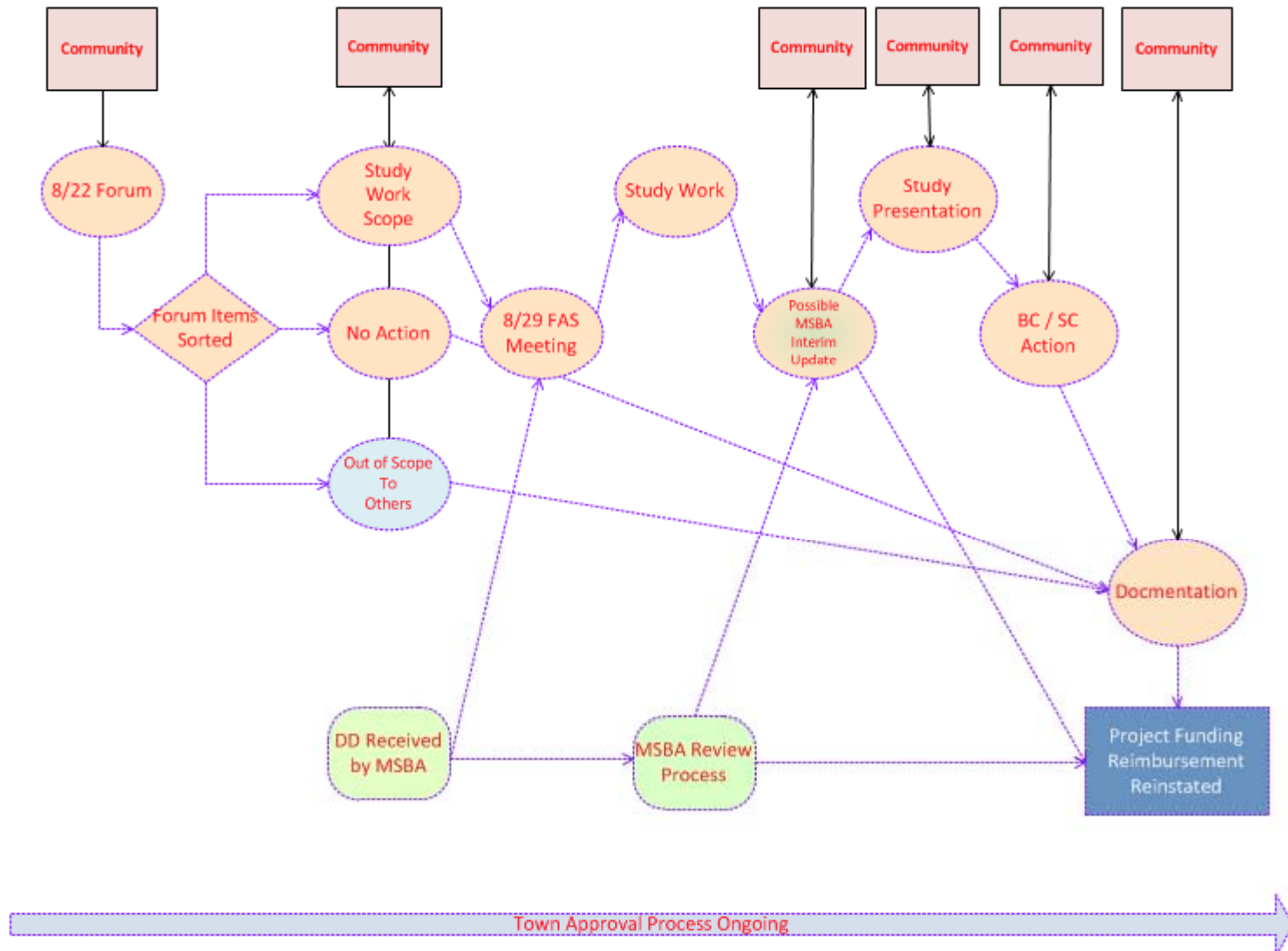
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# Q9

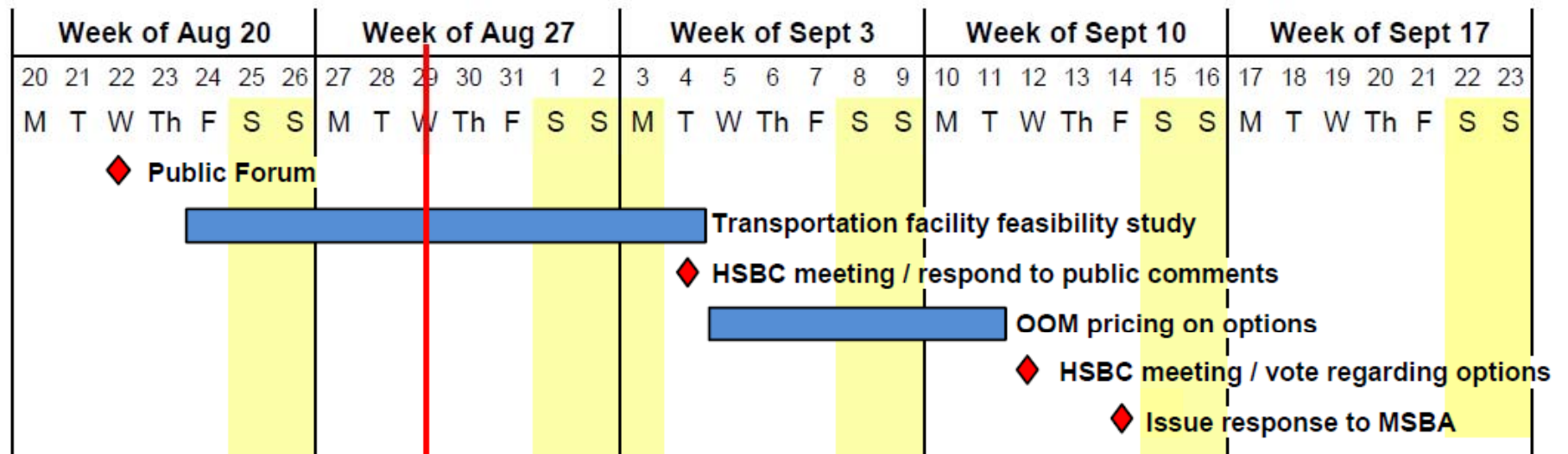
## MSBA Reimbursable GSF Study: SD to DD



# Steps in the Review Process



# Public Forum Review Process Timeline





## Design Development: Next Steps

- September 5: **Natural Resource Commission Meeting**
- September 11: **Planning Board Meeting**
- **September 12: SBC Meeting – Monthly Progress**
- September 12: **Public Works Commission Meeting**
- September 13: **Zoning Board of Appeals Hearing**
- Late September: **Issue Early Site Package for Bidding - TBD**

