

APPENDIX 8

6.7 Comparative Probable Cost Analysis

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PDP – Comparative-Probable Cost Analysis

January 26, 2020

Intent

This comparative-probable cost analysis is not an in-depth project cost estimate. This analysis was utilized to compare assumed cost deltas between various options to assist in determining what options may be pursued in the next phase. Some values shown in this analysis will have higher accuracy than others. Example: construction unit costs/values utilized for new construction will have higher accuracy than construction values/unit cost utilized for renovation. Certain estimated costs have been equally applied across all options. Example: FF+E/Technology costs have been applied across all options in an equal manner based on enrollment counts.

Analysis clarifications

Clarification items below are not all-inclusive as some clarifications may not be easily evident in the analysis detail sheet as many cells have formulas applied to them.

- 1- Disposal of contaminated soil or ledge removal is EXCLUDED. Unknown at this time.
- 2- Square Foot values were derived by Leftfield prior to SGA completing the PDP space summary. Leftfield based its square footage on enrollment counts associated with each option being studied and applying a 1.5 net-to-gross multiplier. Please note that Leftfield made assumptions on additional square footage based on unique district programs. That said, square-foot values, as shown in this analysis, may not be aligned with square foot values listed in the PDP space summary.
- 3- ACM (asbestos-containing material) abatement has been carried as an OOM (order of magnitude) cost/SF of \$20/SF. This cost/SF was developed based on a review of the districts AHERA reports, past projects/data, and extrapolated ACM costs on similar projects.
- 4- Escalation costs have been carried at 6%/year and applied to all options.
- 5- Hard contingencies have been carried as follows:
 - a. New construction @ 5%
 - b. Renovation @ 10%. Please note that hybrid new/renovation options have a formula in the cell that applies 5% to new construction costs and 10% to renovation construction costs.
- 6- Reimbursement analysis:
 - a. There are three major drivers of ineligible reimbursement:

- i. SF over the MSBA allowed. Please note that in this analysis, Leftfield has taken the most conservative approach to this reimbursement assessment. Leftfield has assumed that the MSBA will not participate in any GSF over their calculated allowable GSF for a 645-student enrollment.
- ii. 8% site overage.
- iii. \$333/GSF MSBA participation cost cap.
- b. In the reimbursement analysis worksheets for renovation options, you'll see that the MSBA applies reimbursement incentive points (prorated) based on the ratio between renovated SF to new SF program space.
- c. Ineligible contingency cap is based on expending 100% of contingency. MSBA cap is 1% for new, 1-2% for renovation. This analysis assumes expending 100% of the Hard contingency with 1% eligible for New options and 1.5% eligible for Renovation options.
- d. I have assumed expending 100% of the Soft cost contingency with 80% assumed as ineligible. *This differs from the MSBA's assumptions in their reimbursement assessment.*

Peer Review Summary on Construction Costs

During the week of January 20th, SGA's cost estimator, PM+C, provided a cursory peer review of Leftfield's comparable-probable cost analysis regarding construction costs only. Below is a summary of this review. Percentage delta between Leftfield and PM+C ranged between 1% to 2.3%

Hard Construction Cost	Leftfield	PM&C	Percent Delta	Remarks
Option 2 Add/Reno	\$ 62,419,225	\$ 61,796,868	1.0%	
Option 3 New Construction [multi-purpose field]	\$ 56,386,452	\$ 55,494,590	1.6%	Leftfield comparative-probable cost analysis did not differentiate option 3 between option 4 for the purposes of the PDP phase. PM+C's analysis has these two options within .7% of each other.
Option 4 New Construction [Ballfield]		\$ 55,094,435	2.3%	

Florence Roche Elementary School Feasibility Study - PDP - Comparative Probable Cost Analysis - Detail

January 17, 2020



	SGA OPTION DESIGNATIONS >>					SGA OPTION 6						
	SGA OPTION 1	SGA OPTION 2	SGA OPTIONS 3 - 5			SGA OPTION 6						
	Florence Roche Site Options					Florence Roche - Middle School South Site Options			High School Site Options			
	OPTION 1 Code Upgrade	OPTION 2 Addition/Reno	OPTION 3 - 645 S New Build	OPTION 3 - 704 S New Build	FR D 1,087 S New Build	OPTION FR-MSS A New/Limited Reno	OPTION FR-MSS B New/Limited Reno	OPTION FR-MSS C New/Limited Reno	OPTION 6 - 645 S New Build	OPTION FR-HS B New Build	OPTION FR-HS D New Build	
1	Grade Configuration Enrollment	K-4 487	K-4 645	K-4 645	4 PK CR's; PK-4 704	PK-5 G&D 1,087	K-4 645	PK-4 704	PK-Groton 5th 859	K-4 645	4 PK CR's; PK-4 704	PK-5 G&D 1,087
2	Anticipated construction duration	30 months	30 months	24 months	24 months	30 months	24 months	24 months	24 months	24 months	24 months	30 months
3	Anticipated start of construction	2 Q 2022	3 Q 2022	3 Q 2022	3 Q 2022	3 Q 2022	3 Q 2022	3 Q 2022	3 Q 2022	3 Q 2022	3 Q 2022	3 Q 2022
4	Assumed square footage *	69,468	123,468 (b)	98,201	104,201	150,158	115,601	121,601	145,685	98,201	104,201	150,158
5	Cost/SF - New building/Renovation GSF (line 10 / line 4)	\$258	\$323	\$356	\$356	\$356	\$332	\$333	\$337	\$356	\$356	\$356
6	Cost/SF - Construction Hard Costs (line 19 / line 4)	\$384	\$506	\$574	\$572	\$562	\$528	\$528	\$529	\$582	\$579	\$566
7	Cost/SF - Total Project Cost (line 44 / line 4)	\$557	\$666	\$727	\$725	\$713	\$669	\$669	\$670	\$736	\$733	\$718
8	Hard Costs	\$26,681,172 (a)	\$62,419,225 (a)	\$56,386,452 (a)	\$59,597,403 (a)	\$84,325,435 (a)	\$60,990,945 (a)	\$64,201,897 (a)	\$77,090,294 (a)	\$57,122,295 (a)	\$60,333,246 (a)	\$84,927,488 (a)
10	Building construction	\$17,934,162	\$39,822,014	\$34,971,444	\$37,101,444	\$53,416,152	\$38,413,036	\$40,543,036	\$49,092,616	\$34,971,444	\$37,101,444	\$53,416,152
11	Sitework (a)	\$700,000 Plug	\$5,231,636 Plug	\$5,369,056 Plug	\$5,639,056 Plug	\$7,807,118 Plug	\$5,369,056 Plug	\$5,639,056 Plug	\$6,722,806 Plug	\$5,919,056 Plug	\$6,189,056 Plug	\$8,257,118 Plug
13	Building take downs	\$35,000	\$35,000	\$555,744	\$555,744	\$555,744	\$555,744	\$555,744	\$555,744	\$555,744	\$555,744	\$555,744
14	ACM abatement (OOM cost/sf)	\$1,249,360	\$1,249,360	\$1,249,360	\$1,249,360	\$1,249,360	\$1,249,360	\$1,249,360	\$1,249,360	\$1,249,360	\$1,249,360	\$1,249,360
16	CM Contingency (2.5%)	\$497,963	\$1,158,450	\$1,053,640	\$1,113,640	\$1,575,709	\$1,139,680	\$1,199,680	\$1,440,513	\$1,067,390	\$1,127,390	\$1,586,959
17	CM/GC PR/GC - mgmt. during constr.	\$1,943,482 Prem.	\$4,057,041 Prem.	\$3,371,648	\$3,563,648	\$5,042,270	\$3,646,976	\$3,838,976	\$4,609,642	\$3,415,648	\$3,607,648	\$5,078,270
18	CM/Trade Insurances (\$12/\$1,000)	\$268,320	\$558,851	\$835,756	\$835,756	\$604,486	\$604,486	\$604,486	\$764,048	\$566,144	\$566,144	\$841,723
19	CM/GC P+P Bonds (\$9/\$1,000)	\$203,655	\$469,549	\$424,168	\$448,322	\$634,339	\$458,805	\$482,959	\$679,913	\$429,703	\$453,857	\$638,868
20	CM Fee (2.5%)	\$570,799	\$1,316,042	\$1,188,848	\$1,256,547	\$1,777,911	\$1,285,929	\$1,353,628	\$1,625,366	\$1,204,362	\$1,272,062	\$1,790,605
22	Escalation (6%/year)	\$3,278,432	\$8,461,490	\$7,643,693	\$8,078,967	\$11,431,075	\$8,267,874	\$8,703,148	\$10,450,286	\$7,743,443	\$8,178,717	\$11,512,689
24	Soft Costs	\$8,873,392	\$14,739,330	\$11,641,400	\$12,333,798	\$17,605,542	\$12,380,097	\$13,072,494	\$15,631,696	\$11,755,456	\$12,447,853	\$17,698,861
25	Site acquisitions (includes closing costs)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	Design costs (includes feas. study costs & consult. reim)	\$3,183,117 10%	\$6,494,922 10%	\$5,891,645 10%	\$6,212,740 10%	\$8,685,543 10%	\$6,352,095 10%	\$6,673,190 10%	\$7,962,029 10%	\$5,965,229 10%	\$6,286,325 10%	\$8,745,749 10%
28	OPM costs (includes feasibility study costs)	\$1,672,464 5.5%	\$3,228,057 6.5%	\$2,896,256 6.5%	\$3,072,857 6.5%	\$4,432,899 6.5%	\$3,149,502 5.5%	\$3,326,104 6.5%	\$4,034,966 6.5%	\$2,936,726 5.5%	\$3,113,329 5.5%	\$4,466,012 5.5%
29	CM pre-construction fee	\$0	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000
31	FF+E / technology - MSBA allowable (\$2,400/student)	\$1,285,680 Prem	\$1,702,800 Prem.	\$1,548,000	\$1,689,600	\$2,608,800	\$1,548,000	\$1,689,600	\$2,061,600	\$1,548,000	\$1,689,600	\$2,608,800
32	FF+Tech Premium (\$900/student)	\$482,130 Prem	\$638,550 Prem.	\$580,500	\$633,600	\$978,300	\$580,500	\$633,600	\$773,100	\$580,500	\$633,600	\$978,300
34	Traffic mitigation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Temp swing space / modulars / storage	\$1,900,000	\$1,900,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
36	Relocation / moving expenses	\$250,000	\$250,000	\$150,000	\$150,000	\$250,000	\$150,000	\$150,000	\$200,000	\$150,000	\$150,000	\$250,000
37	Utilities B/C, Material testing	\$50,000	\$150,000	\$200,000	\$200,000	\$275,000	\$225,000	\$225,000	\$225,000	\$200,000	\$200,000	\$275,000
38	Misc. expenses (legal, misc admin, other)	\$50,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
40	Owner Contingency Costs	\$3,111,787	\$5,075,103	\$3,401,393	\$3,596,560	\$5,096,549	\$3,912,516	\$4,088,426	\$4,867,370	\$3,443,888	\$3,639,055	\$5,131,317
41	Owner Hard contingency (varies)	\$2,668,117 10.0%	\$4,338,136 Blend	\$2,819,323 5.0%	\$2,979,870 5.0%	\$4,216,272 5.0%	\$3,293,511 Blend	\$3,434,801 Blend	\$4,085,786 Blend	\$2,856,115 5.0%	\$3,016,662 5.0%	\$4,246,374 5.0%
42	Owner Soft contingency (5%) on total soft costs	\$443,670 5.0%	\$736,966 5.0%	\$582,070 5.0%	\$616,690 5.0%	\$880,277 5.0%	\$619,005 5.0%	\$653,625 5.0%	\$781,585 5.0%	\$587,773 5.0%	\$622,393 5.0%	\$884,943 5.0%
44	Comparative Probable Cost Values	\$38,666,350	\$82,233,657	\$71,429,245	\$75,527,761	\$107,027,526	\$77,283,558	\$81,362,817	\$97,589,360	\$72,321,638	\$76,420,154	\$107,757,666
45		\$38.7	\$82.2	\$71.4	\$75.5	\$107.0	\$77.3	\$81.4	\$97.6	\$72.3	\$76.4	\$107.8
46	OPTION INDEX % above(below)	not calculated	-13%	Base	6%	50%	8%	14%	37%	1%	7%	51%
47	% of total project value compared to total hard costs value	76%	81%	83%	83%	83%	83%	83%	83%	83%	83%	83%
48	% of total project value compared to total soft costs value	24%	19%	17%	17%	17%	17%	17%	17%	17%	17%	17%
50	Analysis Qualifications:											
51	(a) Disposal of contaminated soil and ledge removal is EXCLUDED. Unknown at this time.											
52	(b) GSF increase factor has been applied to renovation options to account for final design-program inefficiencies.											
53	MSBA Estimated Grant Analysis - Ineligible and Excluded scope/costs											
55	Design/OPM		\$1,156,384	\$1,086,729	\$1,150,948	\$1,645,509	\$1,127,819	\$1,192,038	\$1,449,806	\$1,101,446	\$1,165,665	\$1,606,550
56	8% Site cost coverage		\$2,045,875	\$2,571,341	\$2,670,941	\$3,533,826	\$2,296,013	\$2,395,613	\$2,795,397	\$3,121,341	\$3,220,941	\$3,983,826
57	\$333/SF MSBA limit, includes building SF coverage		\$26,789,435	\$19,387,397	\$20,467,094	\$44,040,675	\$24,360,250	\$25,439,947	\$37,793,476	\$19,387,397	\$20,467,094	\$44,040,675
58	CM directs based on ineligible construction costs		\$710,004	\$868,847	\$902,501	\$1,194,067	\$775,815	\$809,469	\$944,554	\$1,664,628	\$1,698,282	\$1,956,059
59	Demolition/ACM abatement (not incl. flooring)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,805,104	\$1,805,104	\$1,805,104
60	ACM flooring abatement (not calculated / included)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
61	Moving/Legal/Other		\$2,300,000	\$300,000	\$300,000	\$400,000	\$300,000	\$300,000	\$350,000	\$300,000	\$300,000	\$400,000
62	FF+E premium		\$793,350	\$580,500	\$775,200	\$2,039,100	\$580,500	\$775,200	\$1,288,700	\$580,500	\$775,200	\$2,030,100
63	Hard contingency		\$3,089,752	\$2,255,458	\$2,383,896	\$3,373,017	\$2,378,647	\$2,792,783	\$3,314,883	\$2,284,892	\$2,413,300	\$3,397,100
64	Soft contingency (assumes 80% is ineligible)		\$589,573	\$465,656	\$493,352	\$704,222	\$495,204	\$522,900	\$625,268	\$470,218	\$497,914	\$707,954
66	Estimated Total Facilities Grant		\$44,759,285	\$43,913,317	\$46,383,829	\$50,097,110	\$44,969,310	\$47,134,867	\$49,027,277	\$41,606,112	\$44,076,624	\$47,830,299
67	Base Reimbursement rate		48.27	48.27	48.27	48.27	48.27	48.27	48.27	48.27	48.27	48.27
68	Assumed Additional Reimbursement Rate Points		5.53	3.00	3.00	3.00	3.75	3.72	3.60	3.00	3.00	3.00
69	Estimated Max Facilities Grant		\$24,080,372	\$22,514,358	\$23,780,989	\$25,684,788	\$23,394,198	\$24,503,274	\$25,429,066	\$21,331,454	\$22,598,085	\$24,522,594
70	Estimated District [Groton] share of TPC	\$38,666,350	\$58,153,285	\$48,914,887	\$51,229,304	\$63,447,335	\$53,889,359	\$56,290,947	\$56,285,029	\$50,990,184	\$53,283,848	\$64,923,356
71	GROTON SHARE	\$38.7	\$58.2	\$48.9	\$51.2	\$63.4	\$53.9	\$56.3	\$56.3	\$51.0	\$53.3	\$64.9
72	Estimated Dunstable share of TPC		\$517,468	\$17,895,402	\$17,895,402	\$17,895,402	\$568,595	\$15,875,265	\$15,875,265	\$538,221	\$538,221	\$18,311,716
73	DUNSTABLE SHARE		\$0.5	\$17.9	\$17.9	\$17.9	\$0.6	\$15.9	\$15.9	\$0.5	\$0.5	\$18.3
74	COMBINED SHARE		\$51.7	\$81.3	\$81.3	\$81.3	\$56.9	\$72.2	\$72.2	\$53.8	\$53.8	\$83.2

★★ Disclaimer ★★ These values are not to be considered project budget values. This analysis is solely to be utilized as a comparative probable cost analysis to assist in determining which options may be further considered and studied. These values are subject to change as options are further developed.

THESE VALUES ARE APPROXIMATE AND ARE SUBJECT TO FINAL AUDIT BY THE MSBA

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

November 2019

Florence Roche Code Upgrade

OPTION 1 Code

General Statistics	New	Reno	Notes
Gross Square Footage:	7,000	62,468	"New" is based on replacement of mods
Building Footprint:	7,000	62,468	
Supported Floor Deck:	0	0	
Roof Area:	7,000	62,468	
Exterior Wall Surface Area:	4,704	19,180	Sitework costs based on extrapolated site development costs frm other projects
# Elevator Stops:	0	0	

New Construction - "the box"	Quantity	Unit	Unit Cost	Total
A10 - Foundations	7,000	sf	\$33.00	\$231,000
A10 - Foundations, premium high wall work	0	lf	\$800.00	\$0
A10 - Foundations, additional excavation and export	4,080	cy	\$45.00	\$183,600
A20 - Basement Construction		none		\$0
B10 - Superstructure, supported floors	0	sf	\$18.00	\$0
B10 - Superstructure, supported roofs	7,000	sf	\$22.00	\$154,000
B20 - Exterior enclosure	4,704	sf	\$50.00	\$235,200
B20 - Exterior enclosure, join to old work	3,825	sfsa	\$40.00	\$153,000
B30 - Roofing	7,000	sf	\$18.00	\$126,000
C10 - Interior construction	7,000	sf	\$42.00	\$294,000
C20 - Stairwells	7,000	sf	\$2.00	\$14,000
C30 - Interior Finishes	7,000	sf	\$28.00	\$196,000
D10 - Conveying systems	0	stops	\$55,000.00	\$0
D20 - Plumbing	7,000	sf	\$23.00	\$161,000
D30 - HVAC	7,000	sf	\$57.00	\$399,000
D40 - Fire Protection	7,000	sf	\$7.00	\$49,000
D50 - Electrical	7,000	sf	\$36.00	\$252,000
E10 - Equipment	7,000	sf	\$6.00	\$42,000
E20 - Furnishings	7,000	sf	\$13.00	\$91,000
Subtotal - New Construction "the box"				\$2,580,800

Special Construction; Demolition. + Abatement	Quantity	Unit	Unit Cost	Total
F10 - Special construction		none		\$0
F20 - Building Demolition	7,000	sf	\$5	\$35,000
F20 - Asbestos Abatement	62,468	sf	\$20	\$1,249,360
Subtotal - Special Constr; Demo. + Abatement				\$1,284,360

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

November 2019

Florence Roche Code Upgrade

OPTION 1 Code

Renovation:	Quantity	Unit	Unit Cost	Total
A10 - Foundations	62,468	sf	\$4.00	\$249,872
A20 - Basement Construction	8,000	sf	\$20.00	\$160,000
B10 - Superstructure	62,468	sf	\$10.00	\$624,680
B10 - Superstructure related to MEP's	62,468	sf	\$5.00	\$312,340
B20 - Exterior enclosure	19,180	sfsa	\$65.00	\$1,246,700
B30 - Roofing	62,468	sf	\$25.00	\$1,561,700
C10 - Interior construction	62,468	sf	\$30.00	\$1,874,040
C10 - Interior gut	62,468	sf	\$12.00	\$749,616
C20 - Stairwells	62,468	sf	\$1.50	\$93,702
C30 - Interior Finishes	62,468	sf	\$15.00	\$937,020
D10 - Conveying systems	2	stops	\$55,000.00	\$110,000
D20 - Plumbing	62,468	sf	\$14.00	\$874,552
D30 - HVAC	62,468	sf	\$40.00	\$2,498,720
D40 - Fire Protection	62,468	sf	\$5.00	\$312,340
D50 - Electrical	62,468	sf	\$30.00	\$1,874,040
E10 - Equipment	62,468	sf	\$5.00	\$312,340
E20 - Furnishings	62,468	sf	\$10.00	\$624,680
Construction Phasing/Logistics Premium	62,468	sf	\$15.00	\$937,020
Subtotal - Renovation				\$15,353,362
Sitework				
G10 - Site Preparation	1	plug	\$150,000	\$150,000
G20 - Site Improvements	1	plug	\$150,000	\$150,000
G30 - Site Civil/Mechanical Utilities	1	plug	\$200,000	\$200,000
G40 - Site Electrical Utilities	1	plug	\$200,000	\$200,000
Subtotal - Sitework				\$700,000

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

November 2019

Florence Roche Full Renovation; Addition

OPTION 2 A/R

GSF 123,468

General Statistics	New **	Reno	Notes
Gross Square Footage:	61,000	62,468	** Per MSBA space Summary Template = 93,525 - 62,468
Building Footprint:	n/a *	n/a *	= 31,057 + 5% increase for additional program and 15% inefficiency factor
Supported Floor Deck:	n/a *	n/a *	
Roof Area:	n/a *	n/a *	* Utilizing cost/GSF values, not geometry of design
Exterior Wall Surface Area:	n/a *	n/a *	Assume design will be 2 stories
# Elevator Stops:	0	2	Sitework costs based on extrapolated site development costs frm other projects

New Construction - "the box"	Quantity	Unit	Unit Cost	Total
A10 - Foundations	61,000	sf	\$33.00	\$2,013,000
A10 - Foundations, premium high wall work	0	lf	\$800.00	\$0
A10 - Foundations, additional excavation and export	0	cy	\$45.00	\$0
A20 - Basement Construction		none		\$0
B10 - Superstructure, supported floors	61,000	sf	\$18.00	\$1,098,000
B10 - Superstructure, supported roofs	61,000	sf	\$22.00	\$1,342,000
B20 - Exterior enclosure	61,000	sf	\$50.00	\$3,050,000
B20 - Exterior enclosure, join to old work	640	sfsa	\$40.00	\$25,600
B30 - Roofing	61,000	sf	\$18.00	\$1,098,000
C10 - Interior construction	61,000	sf	\$42.00	\$2,562,000
C20 - Stairwells	61,000	sf	\$2.00	\$122,000
C30 - Interior Finishes	61,000	sf	\$28.00	\$1,708,000
D10 - Conveying systems	0	stops	\$55,000.00	\$0
D20 - Plumbing	61,000	sf	\$23.00	\$1,403,000
D30 - HVAC	61,000	sf	\$57.00	\$3,477,000
D40 - Fire Protection	61,000	sf	\$7.00	\$427,000
D50 - Electrical	61,000	sf	\$36.00	\$2,196,000
E10 - Equipment	61,000	sf	\$6.00	\$366,000
E20 - Furnishings	61,000	sf	\$13.00	\$793,000
Subtotal - New Construction "the box"				\$21,680,600

Special Construction; Demolition. + Abatement	Quantity	Unit	Unit Cost	Total
F10 - Special construction		none		\$0
F20 - Building Demolition	7,000	sf	\$5	\$35,000
F20 - Asbestos Abatement	62,468	sf	\$20	\$1,249,360
Subtotal - Special Constr; Demo. + Abatement				\$1,284,360

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

November 2019

Florence Roche Full Renovation; Addition

OPTION 2 A/R

GSF 123,468

Renovation:	Quantity	Unit	Unit Cost	Total
A10 - Foundations	62,468	sf	\$4.00	\$249,872
A20 - Basement Construction	8,000	sf	\$40.00	\$320,000
B10 - Superstructure	62,468	sf	\$10.00	\$624,680
B10 - Superstructure related to MEP's	62,468	sf	\$5.00	\$312,340
B20 - Exterior enclosure	19,180	sfsa	\$75.00	\$1,438,500
B30 - Roofing	62,468	sf	\$25.00	\$1,561,700
C10 - Interior construction	62,468	sf	\$35.00	\$2,186,380
C10 - Interior gut	62,468	sf	\$20.00	\$1,249,360
C20 - Stairwells	62,468	sf	\$1.50	\$93,702
C30 - Interior Finishes	62,468	sf	\$26.00	\$1,624,168
D10 - Conveying systems	2	stops	\$55,000.00	\$110,000
D20 - Plumbing	62,468	sf	\$14.00	\$874,552
D30 - HVAC	62,468	sf	\$46.00	\$2,873,528
D40 - Fire Protection	62,468	sf	\$5.00	\$312,340
D50 - Electrical	62,468	sf	\$34.00	\$2,123,912
E10 - Equipment	62,468	sf	\$5.00	\$312,340
E20 - Furnishings	62,468	sf	\$20.00	\$1,249,360
Construction Phasing/Logistics Premium	62,468	sf	\$10.00	\$624,680
Subtotal - Renovation				\$18,141,414
Sitework				
G10 - Site Preparation	98,481	sf	\$20	\$1,969,616
G20 - Site Improvements	98,481	sf	\$25	\$2,462,020
G30 - Site Civil/Mechanical Utilities	1	plug	\$500,000	\$500,000
G40 - Site Electrical Utilities	1	plug	\$300,000	\$300,000
Subtotal - Sitework				\$5,231,636

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Option 3 - NEW, 645 students

OPTION 3 - 645

GSF 98,201

General Statistics	New	Reno	Notes
Gross Square Footage:	98,201		* Utilizing cost/GSF values, not geometry of design
Building Footprint:	n/a *		Assume design will be 2 stories
Supported Floor Deck:	n/a *		Sitework costs based on extrapolated site development costs frm other projects
Roof Area:	n/a *		
Exterior Wall Surface Area:	n/a *		
# Elevator Stops:	2		

New Construction - "the box"	Quantity	Unit	Unit Cost	Total
A10 - Foundations	98,201	sf	\$33.00	\$3,240,641
A10 - Foundations, premium high wall work	0	lf	\$800.00	\$0
A10 - Foundations, additional excavation and export	0	cy	\$45.00	\$0
A20 - Basement Construction		none		\$0
B10 - Superstructure, supported floors	98,201	sf	\$18.00	\$1,767,623
B10 - Superstructure, supported roofs	98,201	sf	\$22.00	\$2,160,428
B20 - Exterior enclosure	98,201	sf	\$50.00	\$4,910,063
B20 - Exterior enclosure, join to old work	0	sfsa	\$40.00	\$0
B30 - Roofing	98,201	sf	\$18.00	\$1,767,623
C10 - Interior construction	98,201	sf	\$42.00	\$4,124,453
C20 - Stairwells	98,201	sf	\$2.00	\$196,403
C30 - Interior Finishes	98,201	sf	\$28.00	\$2,749,635
D10 - Conveying systems	2	stops	\$55,000.00	\$110,000
D20 - Plumbing	98,201	sf	\$23.00	\$2,258,629
D30 - HVAC	98,201	sf	\$57.00	\$5,597,471
D40 - Fire Protection	98,201	sf	\$7.00	\$687,409
D50 - Electrical	98,201	sf	\$36.00	\$3,535,245
E10 - Equipment	98,201	sf	\$6.00	\$589,208
E20 - Furnishings	98,201	sf	\$13.00	\$1,276,616
Subtotal - New Construction "the box"				\$34,971,444

Special Construction; Demolition. + Abatement	Quantity	Unit	Unit Cost	Total
F10 - Special construction		none		\$0
F20 - Building Demolition	69,468	sf	\$8	\$555,744
F20 - Asbestos Abatement	62,468	sf	\$20	\$1,249,360
Subtotal - Special Constr; Demo. + Abatement				\$1,805,104

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Option 3 - NEW, 645 students

OPTION 3 - 645

			GSF	98,201
Renovation:	Quantity	Unit	Unit Cost	Total
A10 - Foundations	0	sf	\$3.00	\$0
A20 - Basement Construction	0	sf	\$0.00	\$0
B10 - Superstructure	0	sf	\$8.00	\$0
B10 - Superstructure related to MEP's	0	sf	\$10.00	\$0
B20 - Exterior enclosure	0	sfsa	\$50.00	\$0
B30 - Roofing	0	sf	\$18.00	\$0
C10 - Interior construction	0	sf	\$35.00	\$0
C10 - Interior gut	0	sf	\$10.00	\$0
C20 - Stairwells	0	sf	\$1.05	\$0
C30 - Interior Finishes	0	sf	\$24.00	\$0
D10 - Conveying systems	0	stops	\$50,000.00	\$0
D20 - Plumbing	0	sf	\$12.00	\$0
D30 - HVAC	0	sf	\$36.00	\$0
D40 - Fire Protection	0	sf	\$7.00	\$0
D50 - Electrical	0	sf	\$34.00	\$0
E10 - Equipment	0	sf	\$6.00	\$0
E20 - Furnishings	0	sf	\$4.00	\$0
Construction Phasing/Logistics Premium	0	sf	\$5.00	\$0
Subtotal - Renovation				\$0
Sitework				
G10 - Site Preparation	98,201	sf	\$20	\$1,964,025
G20 - Site Improvements	98,201	sf	\$25	\$2,455,031
G30 - Site Civil/Mechanical Utilities	1	plug	\$700,000	\$700,000
G40 - Site Electrical Utilities	1	plug	\$250,000	\$250,000
Subtotal - Sitework				\$5,369,056

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Option 3 - NEW, 704 students

OPTION 3 - 704

GSF 104,201

General Statistics	New	Reno	Notes
Gross Square Footage:	104,201		
Building Footprint:	n/a *		Per MSBA space Summary Template = 93,525. Included a
Supported Floor Deck:	n/a *		5% factor increase for additional program + Pre-K
Roof Area:	n/a *		* Utilizing cost/GSF values, not geometry of design
Exterior Wall Surface Area:	n/a *		Sitework costs based on extrapolated site development
# Elevator Stops:	2		costs frm other projects

New Construction - "the box"	Quantity	Unit	Unit Cost	Total
A10 - Foundations	104,201	sf	\$33.00	\$3,438,641
A10 - Foundations, premium high wall work	0	lf	\$800.00	\$0
A10 - Foundations, additional excavation and export	0	cy	\$45.00	\$0
A20 - Basement Construction		none		\$0
B10 - Superstructure, supported floors	104,201	sf	\$18.00	\$1,875,623
B10 - Superstructure, supported roofs	104,201	sf	\$22.00	\$2,292,428
B20 - Exterior enclosure	104,201	sf	\$50.00	\$5,210,063
B20 - Exterior enclosure, join to old work	0	sfsa	\$40.00	\$0
B30 - Roofing	104,201	sf	\$18.00	\$1,875,623
C10 - Interior construction	104,201	sf	\$42.00	\$4,376,453
C20 - Stairwells	104,201	sf	\$2.00	\$208,403
C30 - Interior Finishes	104,201	sf	\$28.00	\$2,917,635
D10 - Conveying systems	2	stops	\$55,000.00	\$110,000
D20 - Plumbing	104,201	sf	\$23.00	\$2,396,629
D30 - HVAC	104,201	sf	\$57.00	\$5,939,471
D40 - Fire Protection	104,201	sf	\$7.00	\$729,409
D50 - Electrical	104,201	sf	\$36.00	\$3,751,245
E10 - Equipment	104,201	sf	\$6.00	\$625,208
E20 - Furnishings	104,201	sf	\$13.00	\$1,354,616
Subtotal - New Construction "the box"				\$37,101,444

Special Construction; Demolition. + Abatement	Quantity	Unit	Unit Cost	Total
F10 - Special construction		none		\$0
F20 - Building Demolition	69,468	sf	\$8	\$555,744
F20 - Asbestos Abatement	62,468	sf	\$20	\$1,249,360
Subtotal - Special Constr; Demo. + Abatement				\$1,805,104

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Option 3 - NEW, 704 students

OPTION 3 - 704

			GSF	104,201
Renovation:	Quantity	Unit	Unit Cost	Total
A10 - Foundations	0	sf	\$3.00	\$0
A20 - Basement Construction	0	sf	\$0.00	\$0
B10 - Superstructure	0	sf	\$8.00	\$0
B10 - Superstructure related to MEP's	0	sf	\$10.00	\$0
B20 - Exterior enclosure	0	sfsa	\$50.00	\$0
B30 - Roofing	0	sf	\$18.00	\$0
C10 - Interior construction	0	sf	\$35.00	\$0
C10 - Interior gut	0	sf	\$10.00	\$0
C20 - Stairwells	0	sf	\$1.05	\$0
C30 - Interior Finishes	0	sf	\$24.00	\$0
D10 - Conveying systems	0	stops	\$50,000.00	\$0
D20 - Plumbing	0	sf	\$12.00	\$0
D30 - HVAC	0	sf	\$36.00	\$0
D40 - Fire Protection	0	sf	\$7.00	\$0
D50 - Electrical	0	sf	\$34.00	\$0
E10 - Equipment	0	sf	\$6.00	\$0
E20 - Furnishings	0	sf	\$4.00	\$0
Construction Phasing/Logistics Premium	0	sf	\$5.00	\$0
Subtotal - Renovation				\$0
Sitework				
G10 - Site Preparation	104,201	sf	\$20	\$2,084,025
G20 - Site Improvements	104,201	sf	\$25	\$2,605,031
G30 - Site Civil/Mechanical Utilities	1	plug	\$700,000	\$700,000
G40 - Site Electrical Utilities	1	plug	\$250,000	\$250,000
Subtotal - Sitework				\$5,639,056

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

FR D - NEW, 1,087 students

FR D - 1,087

GSF 150,158

General Statistics	New	Reno	Notes
Gross Square Footage:	150,158		Per MSBA space Summary Template = 137,294. Included
Building Footprint:	n/a *		a 5% factor increase for additional program + pre-k
Supported Floor Deck:	n/a *		program
Roof Area:	n/a *		* Utilizing cost/GSF values, not geometry of design
Exterior Wall Surface Area:	n/a *		Sitework costs based on extrapolated site development
# Elevator Stops:	2		costs frm other projects

New Construction - "the box"	Quantity	Unit	Unit Cost	Total
A10 - Foundations	150,158	sf	\$33.00	\$4,955,220
A10 - Foundations, premium high wall work	0	lf	\$800.00	\$0
A10 - Foundations, additional excavation and export	0	cy	\$45.00	\$0
A20 - Basement Construction		none		\$0
B10 - Superstructure, supported floors	150,158	sf	\$18.00	\$2,702,847
B10 - Superstructure, supported roofs	150,158	sf	\$22.00	\$3,303,480
B20 - Exterior enclosure	150,158	sf	\$50.00	\$7,507,909
B20 - Exterior enclosure, join to old work	0	sfsa	\$40.00	\$0
B30 - Roofing	150,158	sf	\$18.00	\$2,702,847
C10 - Interior construction	150,158	sf	\$42.00	\$6,306,643
C20 - Stairwells	150,158	sf	\$2.00	\$300,316
C30 - Interior Finishes	150,158	sf	\$28.00	\$4,204,429
D10 - Conveying systems	2	stops	\$55,000.00	\$110,000
D20 - Plumbing	150,158	sf	\$23.00	\$3,453,638
D30 - HVAC	150,158	sf	\$57.00	\$8,559,016
D40 - Fire Protection	150,158	sf	\$7.00	\$1,051,107
D50 - Electrical	150,158	sf	\$36.00	\$5,405,694
E10 - Equipment	150,158	sf	\$6.00	\$900,949
E20 - Furnishings	150,158	sf	\$13.00	\$1,952,056
Subtotal - New Construction "the box"				\$53,416,152

Special Construction; Demolition. + Abatement	Quantity	Unit	Unit Cost	Total
F10 - Special construction		none		\$0
F20 - Building Demolition	69,468	sf	\$8	\$555,744
F20 - Asbestos Abatement	62,468	sf	\$20	\$1,249,360
Subtotal - Special Constr; Demo. + Abatement				\$1,805,104

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

FR D - NEW, 1,087 students

FR D - 1,087

			GSF	150,158
Renovation:	Quantity	Unit	Unit Cost	Total
A10 - Foundations	0	sf	\$3.00	\$0
A20 - Basement Construction	0	sf	\$0.00	\$0
B10 - Superstructure	0	sf	\$8.00	\$0
B10 - Superstructure related to MEP's	0	sf	\$10.00	\$0
B20 - Exterior enclosure	0	sfsa	\$50.00	\$0
B30 - Roofing	0	sf	\$18.00	\$0
C10 - Interior construction	0	sf	\$35.00	\$0
C10 - Interior gut	0	sf	\$10.00	\$0
C20 - Stairwells	0	sf	\$1.05	\$0
C30 - Interior Finishes	0	sf	\$24.00	\$0
D10 - Conveying systems	0	stops	\$50,000.00	\$0
D20 - Plumbing	0	sf	\$12.00	\$0
D30 - HVAC	0	sf	\$36.00	\$0
D40 - Fire Protection	0	sf	\$7.00	\$0
D50 - Electrical	0	sf	\$34.00	\$0
E10 - Equipment	0	sf	\$6.00	\$0
E20 - Furnishings	0	sf	\$4.00	\$0
Construction Phasing/Logistics Premium	0	sf	\$5.00	\$0
Subtotal - Renovation				\$0
Sitework				
G10 - Site Preparation	150,158	sf	\$20	\$3,003,164
G20 - Site Improvements	150,158	sf	\$25	\$3,753,954
G30 - Site Civil/Mechanical Utilities	1	plug	\$800,000	\$800,000
G40 - Site Electrical Utilities	1	plug	\$250,000	\$250,000
Subtotal - Sitework				\$7,807,118

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Florence Roche Option MSS A

FR MSS A

GSF 115,601

General Statistics	New	Reno	Notes
Gross Square Footage:	98,201	17,400	Per MSBA space Summary Template = 93,525. Included a 5% factor increase for additional program
Building Footprint:	n/a *		* Utilizing cost/GSF values, not geometry of design
Supported Floor Deck:	n/a *		Assume design will be 2 stories
Roof Area:	n/a *		Sitework costs based on extrapolated site development costs frm other projects
Exterior Wall Surface Area:	n/a *		
# Elevator Stops:	2		

New Construction - "the box"	Quantity	Unit	Unit Cost	Total
A10 - Foundations	98,201	sf	\$33.00	\$3,240,641
A10 - Foundations, premium high wall work	0	lf	\$800.00	\$0
A10 - Foundations, additional excavation and export	0	cy	\$45.00	\$0
A20 - Basement Construction		none		\$0
B10 - Superstructure, supported floors	98,201	sf	\$18.00	\$1,767,623
B10 - Superstructure, supported roofs	98,201	sf	\$22.00	\$2,160,428
B20 - Exterior enclosure	98,201	sf	\$50.00	\$4,910,063
B20 - Exterior enclosure, join to old work	2,500	sfsa	\$40.00	\$100,000
B30 - Roofing	98,201	sf	\$18.00	\$1,767,623
C10 - Interior construction	98,201	sf	\$42.00	\$4,124,453
C20 - Stairwells	98,201	sf	\$2.00	\$196,403
C30 - Interior Finishes	98,201	sf	\$28.00	\$2,749,635
D10 - Conveying systems	2	stops	\$55,000.00	\$110,000
D20 - Plumbing	98,201	sf	\$23.00	\$2,258,629
D30 - HVAC	98,201	sf	\$57.00	\$5,597,471
D40 - Fire Protection	98,201	sf	\$7.00	\$687,409
D50 - Electrical	98,201	sf	\$36.00	\$3,535,245
E10 - Equipment	98,201	sf	\$6.00	\$589,208
E20 - Furnishings	98,201	sf	\$13.00	\$1,276,616
Subtotal - New Construction "the box"				\$35,071,444

Special Construction; Demolition. + Abatement	Quantity	Unit	Unit Cost	Total
F10 - Special construction		none		\$0
F20 - Building Demolition	69,468	sf	\$8	\$555,744
F20 - Asbestos Abatement	62,468	sf	\$20	\$1,249,360
Subtotal - Special Constr; Demo. + Abatement				\$1,805,104

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Florence Roche Option MSS A

FR MSS A

GSF 115,601

Renovation:	Quantity	Unit	Unit Cost	Total
A10 - Foundations	17,400	sf	\$2.00	\$34,800
A20 - Basement Construction	0	sf	\$40.00	\$0
B10 - Superstructure	17,400	sf	\$3.00	\$52,200
B10 - Superstructure related to MEP's	17,400	sf	\$3.00	\$52,200
B20 - Exterior enclosure	2,500	sfsa	\$50.00	\$125,000
B30 - Roofing	17,400	sf	\$19.00	\$330,600
C10 - Interior construction	17,400	sf	\$15.00	\$261,000
C10 - Interior gut	17,400	sf	\$10.00	\$174,000
C20 - Stairwells	0	sf	\$1.50	\$0
C30 - Interior Finishes	17,400	sf	\$15.00	\$261,000
D10 - Conveying systems	0	stops	\$55,000.00	\$0
D20 - Plumbing	17,400	sf	\$10.00	\$174,000
D30 - HVAC	17,400	sf	\$25.00	\$435,000
D40 - Fire Protection	17,400	sf	\$4.00	\$69,600
D50 - Electrical	17,400	sf	\$30.00	\$522,000
MISC MEP upgrades throughout facility	82,048	sf	\$4.00	\$328,192
E10 - Equipment	17,400	sf	\$15.00	\$261,000
E20 - Furnishings	17,400	sf	\$5.00	\$87,000
Construction Phasing/Logistics Premium	17,400	sf	\$10.00	\$174,000
Subtotal - Renovation				\$3,341,592
Sitework				
G10 - Site Preparation	98,201	sf	\$20	\$1,964,025
G20 - Site Improvements	98,201	sf	\$25	\$2,455,031
G30 - Site Civil/Mechanical Utilities	1	plug	\$700,000	\$700,000
G40 - Site Electrical Utilities	1	plug	\$250,000	\$250,000
Subtotal - Sitework				\$5,369,056

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Florence Roche Option MSS B

FR MSS B

GSF 121,601

General Statistics	New	Reno	Notes
Gross Square Footage:	104,201	17,400	Per MSBA space Summary Template = 93,525. Included a 5% factor increase for additional program
Building Footprint:	n/a *		* Utilizing cost/GSF values, not geometry of design
Supported Floor Deck:	n/a *		Assume design will be 2 stories
Roof Area:	n/a *		Sitework costs based on extrapolated site development costs frm other projects
Exterior Wall Surface Area:	n/a *		
# Elevator Stops:	2		

New Construction - "the box"	Quantity	Unit	Unit Cost	Total
A10 - Foundations	104,201	sf	\$33.00	\$3,438,641
A10 - Foundations, premium high wall work	0	lf	\$800.00	\$0
A10 - Foundations, additional excavation and export	0	cy	\$45.00	\$0
A20 - Basement Construction		none		\$0
B10 - Superstructure, supported floors	104,201	sf	\$18.00	\$1,875,623
B10 - Superstructure, supported roofs	104,201	sf	\$22.00	\$2,292,428
B20 - Exterior enclosure	104,201	sf	\$50.00	\$5,210,063
B20 - Exterior enclosure, join to old work	2,500	sfsa	\$40.00	\$100,000
B30 - Roofing	104,201	sf	\$18.00	\$1,875,623
C10 - Interior construction	104,201	sf	\$42.00	\$4,376,453
C20 - Stairwells	104,201	sf	\$2.00	\$208,403
C30 - Interior Finishes	104,201	sf	\$28.00	\$2,917,635
D10 - Conveying systems	2	stops	\$55,000.00	\$110,000
D20 - Plumbing	104,201	sf	\$23.00	\$2,396,629
D30 - HVAC	104,201	sf	\$57.00	\$5,939,471
D40 - Fire Protection	104,201	sf	\$7.00	\$729,409
D50 - Electrical	104,201	sf	\$36.00	\$3,751,245
E10 - Equipment	104,201	sf	\$6.00	\$625,208
E20 - Furnishings	104,201	sf	\$13.00	\$1,354,616
Subtotal - New Construction "the box"				\$37,201,444

Special Construction; Demolition. + Abatement	Quantity	Unit	Unit Cost	Total
F10 - Special construction		none		\$0
F20 - Building Demolition	69,468	sf	\$8	\$555,744
F20 - Asbestos Abatement	62,468	sf	\$20	\$1,249,360
Subtotal - Special Constr; Demo. + Abatement				\$1,805,104

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Florence Roche Option MSS B

FR MSS B

GSF 121,601

Renovation:	Quantity	Unit	Unit Cost	Total
A10 - Foundations	17,400	sf	\$2.00	\$34,800
A20 - Basement Construction	0	sf	\$40.00	\$0
B10 - Superstructure	17,400	sf	\$3.00	\$52,200
B10 - Superstructure related to MEP's	17,400	sf	\$3.00	\$52,200
B20 - Exterior enclosure	2,500	sfsa	\$50.00	\$125,000
B30 - Roofing	17,400	sf	\$19.00	\$330,600
C10 - Interior construction	17,400	sf	\$15.00	\$261,000
C10 - Interior gut	17,400	sf	\$10.00	\$174,000
C20 - Stairwells	0	sf	\$1.50	\$0
C30 - Interior Finishes	17,400	sf	\$15.00	\$261,000
D10 - Conveying systems	0	stops	\$55,000.00	\$0
D20 - Plumbing	17,400	sf	\$10.00	\$174,000
D30 - HVAC	17,400	sf	\$25.00	\$435,000
D40 - Fire Protection	17,400	sf	\$4.00	\$69,600
D50 - Electrical	17,400	sf	\$30.00	\$522,000
MISC MEP upgrades throughout facility	82,048	sf	\$4.00	\$328,192
E10 - Equipment	17,400	sf	\$15.00	\$261,000
E20 - Furnishings	17,400	sf	\$5.00	\$87,000
Construction Phasing/Logistics Premium	17,400	sf	\$10.00	\$174,000
Subtotal - Renovation				\$3,341,592
Sitework				
G10 - Site Preparation	104,201	sf	\$20	\$2,084,025
G20 - Site Improvements	104,201	sf	\$25	\$2,605,031
G30 - Site Civil/Mechanical Utilities	1	plug	\$700,000	\$700,000
G40 - Site Electrical Utilities	1	plug	\$250,000	\$250,000
Subtotal - Sitework				\$5,639,056

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Florence Roche Option MSS C

FR MSS C

GSF 145,685

General Statistics	New	Reno	Notes
Gross Square Footage:	128,285	17,400	Per MSBA space Summary Template = 116,462. Includes a 5% factor increase for additional program
Building Footprint:	n/a *		* Utilizing cost/GSF values, not geometry of design
Supported Floor Deck:	n/a *		Assume design will be 2 stories
Roof Area:	n/a *		Sitework costs based on extrapolated site development costs frm other projects
Exterior Wall Surface Area:	n/a *		
# Elevator Stops:	2		

New Construction - "the box"	Quantity	Unit	Unit Cost	Total
A10 - Foundations	128,285	sf	\$33.00	\$4,233,391
A10 - Foundations, premium high wall work	0	lf	\$800.00	\$0
A10 - Foundations, additional excavation and export	0	cy	\$45.00	\$0
A20 - Basement Construction		none		\$0
B10 - Superstructure, supported floors	128,285	sf	\$18.00	\$2,309,122
B10 - Superstructure, supported roofs	128,285	sf	\$22.00	\$2,822,261
B20 - Exterior enclosure	128,285	sf	\$50.00	\$6,414,229
B20 - Exterior enclosure, join to old work	2,500	sfsa	\$40.00	\$100,000
B30 - Roofing	128,285	sf	\$18.00	\$2,309,122
C10 - Interior construction	128,285	sf	\$42.00	\$5,387,952
C20 - Stairwells	128,285	sf	\$2.00	\$256,569
C30 - Interior Finishes	128,285	sf	\$28.00	\$3,591,968
D10 - Conveying systems	2	stops	\$55,000.00	\$110,000
D20 - Plumbing	128,285	sf	\$23.00	\$2,950,545
D30 - HVAC	128,285	sf	\$57.00	\$7,312,221
D40 - Fire Protection	128,285	sf	\$7.00	\$897,992
D50 - Electrical	128,285	sf	\$36.00	\$4,618,245
E10 - Equipment	128,285	sf	\$6.00	\$769,707
E20 - Furnishings	128,285	sf	\$13.00	\$1,667,699
Subtotal - New Construction "the box"				\$45,751,024

Special Construction; Demolition. + Abatement	Quantity	Unit	Unit Cost	Total
F10 - Special construction		none		\$0
F20 - Building Demolition	69,468	sf	\$8	\$555,744
F20 - Asbestos Abatement	62,468	sf	\$20	\$1,249,360
Subtotal - Special Constr; Demo. + Abatement				\$1,805,104

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Florence Roche Option MSS C

FR MSS C

GSF 145,685

Renovation:	Quantity	Unit	Unit Cost	Total
A10 - Foundations	17,400	sf	\$2.00	\$34,800
A20 - Basement Construction	0	sf	\$40.00	\$0
B10 - Superstructure	17,400	sf	\$3.00	\$52,200
B10 - Superstructure related to MEP's	17,400	sf	\$3.00	\$52,200
B20 - Exterior enclosure	2,500	sfsa	\$50.00	\$125,000
B30 - Roofing	17,400	sf	\$19.00	\$330,600
C10 - Interior construction	17,400	sf	\$15.00	\$261,000
C10 - Interior gut	17,400	sf	\$10.00	\$174,000
C20 - Stairwells	0	sf	\$1.50	\$0
C30 - Interior Finishes	17,400	sf	\$15.00	\$261,000
D10 - Conveying systems	0	stops	\$55,000.00	\$0
D20 - Plumbing	17,400	sf	\$10.00	\$174,000
D30 - HVAC	17,400	sf	\$25.00	\$435,000
D40 - Fire Protection	17,400	sf	\$4.00	\$69,600
D50 - Electrical	17,400	sf	\$30.00	\$522,000
MISC MEP upgrades throughout facility	82,048	sf	\$4.00	\$328,192
E10 - Equipment	17,400	sf	\$15.00	\$261,000
E20 - Furnishings	17,400	sf	\$5.00	\$87,000
Construction Phasing/Logistics Premium	17,400	sf	\$10.00	\$174,000
Subtotal - Renovation				\$3,341,592
Sitework				
G10 - Site Preparation	128,285	sf	\$20	\$2,565,692
G20 - Site Improvements	128,285	sf	\$25	\$3,207,114
G30 - Site Civil/Mechanical Utilities	1	plug	\$700,000	\$700,000
G40 - Site Electrical Utilities	1	plug	\$250,000	\$250,000
Subtotal - Sitework				\$6,722,806

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Option 6 - NEW @ HS, 645 students

OPTION 6 - 645

GSF 98,201

General Statistics	New	Reno	Notes
Gross Square Footage:	98,201		Per MSBA space Summary Template = 93,525. Included a 5% factor increase for additional program
Building Footprint:	n/a *		
Supported Floor Deck:	n/a *		* Utilizing cost/GSF values, not geometry of design
Roof Area:	n/a *		Assume design will be 2 stories
Exterior Wall Surface Area:	n/a *		Sitework costs based on extrapolated site development costs frm other projects
# Elevator Stops:	2		

New Construction - "the box"	Quantity	Unit	Unit Cost	Total
A10 - Foundations	98,201	sf	\$33.00	\$3,240,641
A10 - Foundations, premium high wall work	0	lf	\$800.00	\$0
A10 - Foundations, additional excavation and export	0	cy	\$45.00	\$0
A20 - Basement Construction		none		\$0
B10 - Superstructure, supported floors	98,201	sf	\$18.00	\$1,767,623
B10 - Superstructure, supported roofs	98,201	sf	\$22.00	\$2,160,428
B20 - Exterior enclosure	98,201	sf	\$50.00	\$4,910,063
B20 - Exterior enclosure, join to old work	0	sfsa	\$40.00	\$0
B30 - Roofing	98,201	sf	\$18.00	\$1,767,623
C10 - Interior construction	98,201	sf	\$42.00	\$4,124,453
C20 - Stairwells	98,201	sf	\$2.00	\$196,403
C30 - Interior Finishes	98,201	sf	\$28.00	\$2,749,635
D10 - Conveying systems	2	stops	\$55,000.00	\$110,000
D20 - Plumbing	98,201	sf	\$23.00	\$2,258,629
D30 - HVAC	98,201	sf	\$57.00	\$5,597,471
D40 - Fire Protection	98,201	sf	\$7.00	\$687,409
D50 - Electrical	98,201	sf	\$36.00	\$3,535,245
E10 - Equipment	98,201	sf	\$6.00	\$589,208
E20 - Furnishings	98,201	sf	\$13.00	\$1,276,616
Subtotal - New Construction "the box"				\$34,971,444

Special Construction; Demolition. + Abatement	Quantity	Unit	Unit Cost	Total
F10 - Special construction		none		\$0
F20 - Building Demolition	69,468	sf	\$8	\$555,744
F20 - Asbestos Abatement	62,468	sf	\$20	\$1,249,360
Subtotal - Special Constr; Demo. + Abatement				\$1,805,104

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Option 6 - NEW @ HS, 645 students

OPTION 6 - 645

			GSF	98,201
Renovation:	Quantity	Unit	Unit Cost	Total
A10 - Foundations	0	sf	\$3.00	\$0
A20 - Basement Construction	0	sf	\$0.00	\$0
B10 - Superstructure	0	sf	\$8.00	\$0
B10 - Superstructure related to MEP's	0	sf	\$10.00	\$0
B20 - Exterior enclosure	0	sfsa	\$50.00	\$0
B30 - Roofing	0	sf	\$18.00	\$0
C10 - Interior construction	0	sf	\$35.00	\$0
C10 - Interior gut	0	sf	\$10.00	\$0
C20 - Stairwells	0	sf	\$1.05	\$0
C30 - Interior Finishes	0	sf	\$24.00	\$0
D10 - Conveying systems	0	stops	\$50,000.00	\$0
D20 - Plumbing	0	sf	\$12.00	\$0
D30 - HVAC	0	sf	\$36.00	\$0
D40 - Fire Protection	0	sf	\$7.00	\$0
D50 - Electrical	0	sf	\$34.00	\$0
E10 - Equipment	0	sf	\$6.00	\$0
E20 - Furnishings	0	sf	\$4.00	\$0
Construction Phasing/Logistics Premium	0	sf	\$5.00	\$0
Subtotal - Renovation				\$0
Sitework				
G10 - Site Preparation	98,201	sf	\$20	\$1,964,025
G20 - Site Improvements	98,201	sf	\$25	\$2,455,031
G30 - Site Civil/Mechanical Utilities	1	plug	\$1,250,000	\$1,250,000
G40 - Site Electrical Utilities	1	plug	\$250,000	\$250,000
Subtotal - Sitework				\$5,919,056

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Florence Roche at HS; Option B - NEW

FR HS B NEW

GSF 104,201

General Statistics	New	Reno	Notes
Gross Square Footage:	104,201		
Building Footprint:	n/a *		Per MSBA space Summary Template = 93,525. Included a
Supported Floor Deck:	n/a *		5% factor increase for additional program + Pre-K
Roof Area:	n/a *		* Utilizing cost/GSF values, not geometry of design
Exterior Wall Surface Area:	n/a *		Sitework costs based on extrapolated site development
# Elevator Stops:	2		costs frm other projects

New Construction - "the box"	Quantity	Unit	Unit Cost	Total
A10 - Foundations	104,201	sf	\$33.00	\$3,438,641
A10 - Foundations, premium high wall work	0	lf	\$800.00	\$0
A10 - Foundations, additional excavation and export	0	cy	\$45.00	\$0
A20 - Basement Construction		none		\$0
B10 - Superstructure, supported floors	104,201	sf	\$18.00	\$1,875,623
B10 - Superstructure, supported roofs	104,201	sf	\$22.00	\$2,292,428
B20 - Exterior enclosure	104,201	sf	\$50.00	\$5,210,063
B20 - Exterior enclosure, join to old work	0	sfsa	\$40.00	\$0
B30 - Roofing	104,201	sf	\$18.00	\$1,875,623
C10 - Interior construction	104,201	sf	\$42.00	\$4,376,453
C20 - Stairwells	104,201	sf	\$2.00	\$208,403
C30 - Interior Finishes	104,201	sf	\$28.00	\$2,917,635
D10 - Conveying systems	2	stops	\$55,000.00	\$110,000
D20 - Plumbing	104,201	sf	\$23.00	\$2,396,629
D30 - HVAC	104,201	sf	\$57.00	\$5,939,471
D40 - Fire Protection	104,201	sf	\$7.00	\$729,409
D50 - Electrical	104,201	sf	\$36.00	\$3,751,245
E10 - Equipment	104,201	sf	\$6.00	\$625,208
E20 - Furnishings	104,201	sf	\$13.00	\$1,354,616
Subtotal - New Construction "the box"				\$37,101,444

Special Construction; Demolition. + Abatement	Quantity	Unit	Unit Cost	Total
F10 - Special construction		none		\$0
F20 - Building Demolition	69,468	sf	\$8	\$555,744
F20 - Asbestos Abatement	62,468	sf	\$20	\$1,249,360
Subtotal - Special Constr; Demo. + Abatement				\$1,805,104

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Florence Roche at HS; Option B - NEW

FR HS B NEW

			GSF	104,201
Renovation:	Quantity	Unit	Unit Cost	Total
A10 - Foundations	0	sf	\$3.00	\$0
A20 - Basement Construction	0	sf	\$0.00	\$0
B10 - Superstructure	0	sf	\$8.00	\$0
B10 - Superstructure related to MEP's	0	sf	\$10.00	\$0
B20 - Exterior enclosure	0	sfsa	\$50.00	\$0
B30 - Roofing	0	sf	\$18.00	\$0
C10 - Interior construction	0	sf	\$35.00	\$0
C10 - Interior gut	0	sf	\$10.00	\$0
C20 - Stairwells	0	sf	\$1.05	\$0
C30 - Interior Finishes	0	sf	\$24.00	\$0
D10 - Conveying systems	0	stops	\$50,000.00	\$0
D20 - Plumbing	0	sf	\$12.00	\$0
D30 - HVAC	0	sf	\$36.00	\$0
D40 - Fire Protection	0	sf	\$7.00	\$0
D50 - Electrical	0	sf	\$34.00	\$0
E10 - Equipment	0	sf	\$6.00	\$0
E20 - Furnishings	0	sf	\$4.00	\$0
Construction Phasing/Logistics Premium	0	sf	\$5.00	\$0
Subtotal - Renovation				\$0
Sitework				
G10 - Site Preparation	104,201	sf	\$20	\$2,084,025
G20 - Site Improvements	104,201	sf	\$25	\$2,605,031
G30 - Site Civil/Mechanical Utilities	1	plug	\$1,250,000	\$1,250,000
G40 - Site Electrical Utilities	1	plug	\$250,000	\$250,000
Subtotal - Sitework				\$6,189,056

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Florence Roche at HS; Option C - NEW

FR HS D NEW

GSF 150,158

General Statistics	New	Reno	Notes
Gross Square Footage:	150,158		Per MSBA space Summary Template = 137,294. Included
Building Footprint:	n/a *		a 5% factor increase for additional program + pre-k
Supported Floor Deck:	n/a *		program
Roof Area:	n/a *		* Utilizing cost/GSF values, not geometry of design
Exterior Wall Surface Area:	n/a *		Sitework costs based on extrapolated site development
# Elevator Stops:	2		costs frm other projects

New Construction - "the box"	Quantity	Unit	Unit Cost	Total
A10 - Foundations	150,158	sf	\$33.00	\$4,955,220
A10 - Foundations, premium high wall work	0	lf	\$800.00	\$0
A10 - Foundations, additional excavation and export	0	cy	\$45.00	\$0
A20 - Basement Construction		none		\$0
B10 - Superstructure, supported floors	150,158	sf	\$18.00	\$2,702,847
B10 - Superstructure, supported roofs	150,158	sf	\$22.00	\$3,303,480
B20 - Exterior enclosure	150,158	sf	\$50.00	\$7,507,909
B20 - Exterior enclosure, join to old work	0	sfsa	\$40.00	\$0
B30 - Roofing	150,158	sf	\$18.00	\$2,702,847
C10 - Interior construction	150,158	sf	\$42.00	\$6,306,643
C20 - Stairwells	150,158	sf	\$2.00	\$300,316
C30 - Interior Finishes	150,158	sf	\$28.00	\$4,204,429
D10 - Conveying systems	2	stops	\$55,000.00	\$110,000
D20 - Plumbing	150,158	sf	\$23.00	\$3,453,638
D30 - HVAC	150,158	sf	\$57.00	\$8,559,016
D40 - Fire Protection	150,158	sf	\$7.00	\$1,051,107
D50 - Electrical	150,158	sf	\$36.00	\$5,405,694
E10 - Equipment	150,158	sf	\$6.00	\$900,949
E20 - Furnishings	150,158	sf	\$13.00	\$1,952,056
Subtotal - New Construction "the box"				\$53,416,152

Special Construction; Demolition. + Abatement	Quantity	Unit	Unit Cost	Total
F10 - Special construction		none		\$0
F20 - Building Demolition	69,468	sf	\$8	\$555,744
F20 - Asbestos Abatement	62,468	sf	\$20	\$1,249,360
Subtotal - Special Constr; Demo. + Abatement				\$1,805,104

Florence Roche Feasibility Study - PDP Conceptual Design Construction Cost Analysis

January 2020

Florence Roche at HS; Option C - NEW

FR HS D NEW

			GSF	150,158
Renovation:	Quantity	Unit	Unit Cost	Total
A10 - Foundations	0	sf	\$3.00	\$0
A20 - Basement Construction	0	sf	\$0.00	\$0
B10 - Superstructure	0	sf	\$8.00	\$0
B10 - Superstructure related to MEP's	0	sf	\$10.00	\$0
B20 - Exterior enclosure	0	sfsa	\$50.00	\$0
B30 - Roofing	0	sf	\$18.00	\$0
C10 - Interior construction	0	sf	\$35.00	\$0
C10 - Interior gut	0	sf	\$10.00	\$0
C20 - Stairwells	0	sf	\$1.05	\$0
C30 - Interior Finishes	0	sf	\$24.00	\$0
D10 - Conveying systems	0	stops	\$50,000.00	\$0
D20 - Plumbing	0	sf	\$12.00	\$0
D30 - HVAC	0	sf	\$36.00	\$0
D40 - Fire Protection	0	sf	\$7.00	\$0
D50 - Electrical	0	sf	\$34.00	\$0
E10 - Equipment	0	sf	\$6.00	\$0
E20 - Furnishings	0	sf	\$4.00	\$0
Construction Phasing/Logistics Premium	0	sf	\$5.00	\$0
Subtotal - Renovation				\$0
Sitework				
G10 - Site Preparation	150,158	sf	\$20	\$3,003,164
G20 - Site Improvements	150,158	sf	\$25	\$3,753,954
G30 - Site Civil/Mechanical Utilities	1	plug	\$1,250,000	\$1,250,000
G40 - Site Electrical Utilities	1	plug	\$250,000	\$250,000
Subtotal - Sitework				\$8,257,118

Total Project Budget

OPTION 2 A/R

School Building Committee Reviewed on:

Insert City/Town
Insert School Name

Insert Date of SBC Review Date

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant*	Estimated Maximum Total Facilities Grant*	Review Date
Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(5)						
1	Feasibility Study Agreement	\$185,000	\$0	\$185,000		
2	OPM Feasibility Study	\$425,000	\$0	\$425,000		
3	A&E Feasibility Study	\$104,000	\$0	\$104,000		
4	Environmental & Site	\$36,000	\$0	\$36,000		
5	Other	\$0	\$0	\$0		
6	Feasibility Study Agreement Subtotal	\$750,000	\$0	\$750,000	\$403,498	
7	Administration	\$50,000	\$50,000	\$0	\$0	
8	Legal Fees	\$3,007,057	\$1,007,384	\$1,999,673	\$1,999,673	
9	Owner's Project Manager	\$0	\$0	\$0	\$0	
10	Design Development	\$0	\$0	\$0	\$0	
11	Construction Contract Documents	\$0	\$0	\$0	\$0	
12	Bidding	\$0	\$0	\$0	\$0	
13	Construction Contract Administration	\$0	\$0	\$0	\$0	
14	Closure	\$0	\$0	\$0	\$0	
15	Extra Services	\$0	\$0	\$0	\$0	
16	Reimbursable & Other Services	\$0	\$0	\$0	\$0	
17	Cost Estimates	\$0	\$0	\$0	\$0	
18	Advertising	\$0	\$0	\$0	\$0	
19	Permitting	\$0	\$0	\$0	\$0	
20	Owner's Insurance	\$0	\$0	\$0	\$0	
21	Other Administrative Costs	\$0	\$0	\$0	\$0	
22	Administration Subtotal	\$3,057,057	\$1,057,384	\$1,999,673	\$1,999,673	\$1,075,819
23	Architecture and Engineering	\$0	\$0	\$0	\$0	
24	Basic Services	\$5,965,922	\$149,000	\$5,816,922	\$5,816,922	
25	Design Development	\$0	\$0	\$0	\$0	
26	Construction Contract Documents	\$0	\$0	\$0	\$0	
27	Bidding	\$0	\$0	\$0	\$0	
28	Construction Contract Administration	\$0	\$0	\$0	\$0	
29	Closure	\$0	\$0	\$0	\$0	
30	Other Basic Services	\$0	\$0	\$0	\$0	
31	Basic Services Subtotal	\$5,965,922	\$149,000	\$5,816,922	\$5,816,922	
32	Reimbursable Services	\$0	\$0	\$0	\$0	
33	Construction Testing	\$0	\$0	\$0	\$0	
34	Printing (over minimum)	\$0	\$0	\$0	\$0	
35	Other Reimbursable Costs	\$0	\$0	\$0	\$0	
36	Hazardous Materials	\$0	\$0	\$0	\$0	
37	Geotech & Geo-Env.	\$0	\$0	\$0	\$0	
38	Site Survey	\$0	\$0	\$0	\$0	
39	Weilands	\$0	\$0	\$0	\$0	
40	Traffic Studies	\$0	\$0	\$0	\$0	
41	Architectural/Engineering Subtotal	\$5,965,922	\$149,000	\$5,816,922	\$5,816,922	\$3,129,488
42	CM & Risk Procurement Services	\$225,000	\$0	\$225,000	\$225,000	\$121,049
43	Site Acquisition	\$0	\$0	\$0	\$0	
44	Land / Building Purchase	\$0	\$0	\$0	\$0	
45	Appraisal Fees	\$0	\$0	\$0	\$0	
46	Recording fees	\$0	\$0	\$0	\$0	
47	Recording fees	\$0	\$0	\$0	\$0	
48	Site Acquisition Subtotal	\$0	\$0	\$0	\$0	\$0
49	Contingency Costs	\$0	\$0	\$0	\$0	
50	SUBSTRUCTURE	\$39,822,014	\$0	\$39,822,014	\$39,822,014	
51	Foundations	\$0	\$0	\$0	\$0	
52	Basement Construction	\$0	\$0	\$0	\$0	
53	SHELL	\$0	\$0	\$0	\$0	
54	SuperStructure	\$0	\$0	\$0	\$0	
55	Exterior Closure	\$0	\$0	\$0	\$0	
56	Exterior Walls	\$0	\$0	\$0	\$0	
57	Exterior Windows	\$0	\$0	\$0	\$0	
58	Exterior Doors	\$0	\$0	\$0	\$0	
59	Roofing	\$0	\$0	\$0	\$0	
60	INTERIORS	\$0	\$0	\$0	\$0	
61	Interior Construction	\$0	\$0	\$0	\$0	
62	Staircases	\$0	\$0	\$0	\$0	
63	Interior Finishes	\$0	\$0	\$0	\$0	
64	SERVICES	\$0	\$0	\$0	\$0	
65	Conveying Systems	\$0	\$0	\$0	\$0	
66	Plumbing	\$0	\$0	\$0	\$0	
67	HVAC	\$0	\$0	\$0	\$0	
68	Fire Protection	\$0	\$0	\$0	\$0	
69	Electrical	\$0	\$0	\$0	\$0	
70	EQUIPMENT & FURNISHINGS	\$0	\$0	\$0	\$0	
71	Equipment	\$0	\$0	\$0	\$0	

ProRated 20% Exclusion
 \$0 -Administration
 \$0 -AE Services
 \$0 -Miscellaneous Proj Costs
 \$8,716,596 Sum of Three Soft Costs
 Eligible Soft Costs
 \$2,220,673 -Administration
 \$6,345,922 -AE Services
 \$150,000 -Miscellaneous Proj Costs
 \$1,548,000 FFE
 \$10,264,596 Total Eligible Soft Costs

Not included in this calculation: Owners Contingency

Construction Costs associated with Soft Cost Cap Calculation
 Estimated Budget \$62,419,225
 Construction Budget \$62,419,225

Construction Costs Category
 \$225,000 CM Procurement services
 \$2,184,673 Construction Cost
 \$62,644,225 Total Construction Cost
 \$12,528,845 Reimbursable Soft Cost
 \$2,264,249 Eligible minus Reimbursable

Not included in this calculation: Owners Contingency
 \$2,264,249 Eligible minus Reimbursable is negative OK.
 -If Eligible minus Reimbursable is positive enter value into Soft Costs that exceed 20% of Construction Cost below in the ineligible column.

Construction Budget \$62,419,225

OPM Value @ 3.50% Value > 3.5%
 Eligible Fees \$2,184,673
 % of Total Construction 5.11%
 OPM Value @ 10.00% Value > 10%
 Designer Value @ 0.17%
 \$6,390,922
 \$104,000
 \$6,241,922

OPTION 2 A/R

Total Project Budget

Insert City/Town Name: _____ Insert Date of SBC Review Date: _____
 School Building Committee Reviewed on: _____

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Total Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
72	Furnishings	\$0			
73	SPECIAL CONSTRUCTION & DEMOLITION				
74	Special Construction	\$0			
75	Existing Building Demolition	\$35,000			
76	In-Bldg. Hazardous Material Abatement	\$1,249,360			
77	Other Hazardous Material Abatement	\$0			
78	Other Hazardous Material Abatement	\$0			
79	BUILDING SITEWORK				
80	Site Preparation	\$5,231,636			
81	Site Improvements	\$0			
82	Site Civil / Mechanical Utilities	\$0			
83	Site Electrical Utilities	\$0			
84	Other Site Construction	\$0			
85	Scope Excluded Site Cost	\$0			
86	Construction Trades Subtotal	\$46,338,010	\$2,045,875	\$2,045,875	
87	Contingencies (Design and Pricing)	\$0			
88	D/B/B Sub-Contractor Bonds	\$0			
89	D/B/B Insurance	\$0			
90	D/B/B General Conditions	\$0			
91	D/B/B Overhead & Profit	\$7,619,725			
92	GMP Insurance	\$0			
93	GMP Contingency	\$0			
94	Escalation to Mid-Point of Construction	\$8,461,490			
95	Overall Excluded Construction Cost	\$28,739,433			
96	Construction Budget	\$62,419,225	\$29,546,373	\$32,873,911	\$17,686,074
97	Alternates				
98	Ineligible Work Included in the Base Project	\$0			
99	Alternates Excluded from the Total Project Budget	\$0			
100	Alternates Excluded from the Total Project Budget	\$0			
101	Subtotal to be Included in Total Project Budget	\$0			
102	Miscellaneous Project Costs				
103	Utility Company Fees	\$0			
104	Testing Services	\$150,000			
105	Swing Space / Modules	\$2,150,000			
106	Other Project Costs (Mailing & Moving)	\$100,000			
107	Misc. Project Costs Subtotal	\$2,400,000			
108	Furniture and Equipment				
109	Furniture	\$396,675			
110	Technology	\$1,170,675			
111	FF&E Subtotal	\$2,341,350	\$793,350	\$1,548,000	\$80,700
112	Soft Costs that exceed 20% of Construction Cost	\$0			
113	Project Budget	\$77,159,555	\$33,795,047	\$43,363,507	\$23,294,477
114	Board Authorization				
115	Design Enrollment	645			
116	Total Building Gross Floor Area (GSF)	93,525			
117	Total Project Budget (excluding Contingencies)	\$77,159,555			
118	Scope Items Excluded or Otherwise Ineligible	\$33,795,047			
119	Third Party Funding (Ineligible)	\$0			
120	Estimated Basis of Maximum Total Facilities Grant ¹	\$43,363,507			
121	Reimbursement Rate	53.80%			
122	Est. Max. Total Facilities Grant (before recovery) ¹	\$23,329,447			
123	Cost Recovery ²	\$0			
124	Estimated Maximum Total Facilities Grant ¹	\$23,329,447			
125	Construction Contingency ³	\$4,338,136			
126	Ineligible Construction Contingency ³	\$3,989,752			
127	"Potentially Eligible" Construction Contingency ³	\$1,246,384			
128	Owner's Contingency ³	\$736,966			
129	Ineligible Owner's Contingency ³	\$589,573			

Line Item	Description	Enrollment	Reimbursable Amount	Est'd Budget	Ineligible*
1.00	(0-2) Maintenance	645	\$74,000	\$1,170,675	-\$396,675
0.00	(0-1) CM @ Risk	645	\$74,000	\$1,170,675	-\$396,675
2.53	(0-5) Major Reconstruction or Reno/Reuse type in rounded to 2 decimal places				
	62,468 gsf Renovated or Existing to Remain				
	123,468 gsf Total at Conclusion of Project				
0.00	(0-1) Overlay Zoning 40R and 40S				
0.00	(0-0.5) Overlay Zoning 100 units or 50% of units 1,2, or 3 family structures				
2.00	(0-2) Energy Efficiency - "Green Schools"				
0.00	(5) Model Schools				
	5.53 Total Incentive Points				

NOTES
 This template was prepared by the MSBA as a tool to assist Districts and consultants in understanding MSBA policies and practices regarding potential impact on the MSBA's calculation of its potential basis of Total Facilities Grant, and potential total maximum which the MSBA may use in determining whether items are eligible for reimbursement by the MSBA. The MSBA will perform an independent analysis based on a review of the information and estimates provided by the District for the proposed school project that may or may not agree with the estimates generated by the District using this template.
 1. Does not include any potentially eligible contingency funds and is subject to review and audit by the MSBA.
 2. The proposed demolition of the _____ School is expected to result in the MSBA recovering a portion of state funds previously paid to the District for the _____ project at the existing facilities completed in _____. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimated cost recovery generated by the District, and its consultants using this template.

OPTION 2 A/R

Total Project Budget

Insert City/Town Insert School Name	School Building Committee Reviewed on:	Insert Date of SBC Review Date
132	Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(5)	
133	"Potentially Eligible" Owner's Contingency ³	
134	Total Potentially Eligible Contingency ³	\$147,393
135	Total Potentially Eligible Contingency ³	\$1,395,778
136	Reimbursement Rate	53.80%
137	Potential Additional Contingency Grant Funds ³	\$750,925
	Maximum Total Facilities Grant	\$24,080,372
	Total Project Budget	\$82,233,657
	Estimated MSBA Share	\$24,080,372
	Estimated District Share	\$58,153,285
		\$82,233,657
		\$0 TEST
		\$0 TEST

Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible Grant¹

3: Pursuant to Section 3.20 of the Project Funding Agreement and the applicable policies and guidelines of the Authority, any project costs associated with the reallocation or transfer of funds from either the Owner's contingency or the Contingency Contingency to other project costs are eligible for reimbursement by the Authority. All costs are subject to review and audit by the MSBA.

OPTION 3 - 645

Total Project Budget

Insert City/Town School Building Committee Reviewed on: Insert Date of SBC Review Date

Insert School Name	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹	Review Date
Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(f)					
1 Feasibility Study Agreement	\$205,000	\$0	\$205,000	\$0	
2 OPM Feasibility Study	\$456,000	\$0	\$456,000	\$0	
3 A&E Feasibility Study	\$59,000	\$0	\$59,000	\$0	
4 Environmental & Site	\$30,000	\$0	\$30,000	\$0	
5 Other	\$750,000	\$0	\$750,000	\$384,625	
6 Feasibility Study Agreement Subtotal					
7 Administration	\$50,000	\$50,000	\$0	\$0	
8 Legal Fees	\$2,861,255	\$0	\$2,861,255	\$194,000	
9 Owner's Project Manager	\$0	\$0	\$0	\$0	
10 Design Development	\$0	\$0	\$0	\$0	
11 Construction Contract Documents	\$0	\$0	\$0	\$0	
12 Bidding	\$0	\$0	\$0	\$0	
13 Construction Contract Administration	\$0	\$0	\$0	\$0	
14 Closeout	\$0	\$0	\$0	\$0	
15 Extra Services	\$0	\$0	\$0	\$0	
16 Reimbursable & Other Services	\$0	\$0	\$0	\$0	
17 Cost Estimates	\$0	\$0	\$0	\$0	
18 Advertising	\$0	\$0	\$0	\$0	
19 Permitting	\$0	\$0	\$0	\$0	
20 Owner's Insurance	\$0	\$0	\$0	\$0	
21 Other Administrative Costs	\$0	\$0	\$0	\$0	
22 Administration Subtotal	\$2,711,255	\$942,729	\$1,768,526	\$906,723	
23 Architecture and Engineering					
24 Basic Services	\$5,376,645	\$194,000	\$5,182,645	\$0	
25 Design Development	\$0	\$0	\$0	\$0	
26 Construction Contract Documents	\$0	\$0	\$0	\$0	
27 Bidding	\$0	\$0	\$0	\$0	
28 Construction Contract Administration	\$0	\$0	\$0	\$0	
29 Closeout	\$0	\$0	\$0	\$0	
30 Other Basic Services	\$0	\$0	\$0	\$0	
31 Basic Services Subtotal	\$5,376,645	\$194,000	\$5,182,645	\$0	
32 Reimbursable Services	\$0	\$0	\$0	\$0	
33 Construction Testing	\$0	\$0	\$0	\$0	
34 Printing (over minimum)	\$0	\$0	\$0	\$0	
35 Other Reimbursable Costs	\$0	\$0	\$0	\$0	
36 Hazardous Materials	\$0	\$0	\$0	\$0	
37 Geotech & Geo-Env.	\$0	\$0	\$0	\$0	
38 Site Survey	\$0	\$0	\$0	\$0	
39 Wetlands	\$0	\$0	\$0	\$0	
40 Traffic Studies	\$0	\$0	\$0	\$0	
41 Architectural/Engineering Subtotal	\$5,376,645	\$194,000	\$5,182,645	\$2,657,142	
42 CM & Risk Preconstruction Services	\$225,000	\$0	\$225,000	\$115,388	
43 Pre-Construction Services	\$0	\$0	\$0	\$0	
44 Site Acquisition	\$0	\$0	\$0	\$0	
45 Land / Building Purchase	\$0	\$0	\$0	\$0	
46 Appraisal Fees	\$0	\$0	\$0	\$0	
47 Recording Fees	\$0	\$0	\$0	\$0	
48 Site Acquisition Subtotal	\$0	\$0	\$0	\$0	
49 Construction Costs	\$54,971,444	\$0	\$54,971,444	\$0	
50 SUBSTRUCTURE					
51 Foundations	\$0	\$0	\$0	\$0	
52 Basement Construction	\$0	\$0	\$0	\$0	
53 SHELL					
54 SuperStructure	\$0	\$0	\$0	\$0	
55 Exterior Closure	\$0	\$0	\$0	\$0	
56 Exterior Walls	\$0	\$0	\$0	\$0	
57 Exterior Windows	\$0	\$0	\$0	\$0	
58 Exterior Doors	\$0	\$0	\$0	\$0	
59 Roofing	\$0	\$0	\$0	\$0	
60 INTERIORS					
61 Interior Construction	\$0	\$0	\$0	\$0	
62 Staircases	\$0	\$0	\$0	\$0	
63 Interior Finishes	\$0	\$0	\$0	\$0	
64 SERVICES					
65 Conveying Systems	\$0	\$0	\$0	\$0	
66 Plumbing	\$0	\$0	\$0	\$0	
67 HVAC	\$0	\$0	\$0	\$0	
68 Fire Protection	\$0	\$0	\$0	\$0	
69 Electrical	\$0	\$0	\$0	\$0	
70 EQUIPMENT & FURNISHINGS					
71 Equipment	\$0	\$0	\$0	\$0	

ProRated 20% Exclusion	\$0 -Administration	
	\$0 -AE Services	
	\$0 -Miscellaneous Proj Costs	
	\$7,901,171 Sum of These Soft Costs	
Eligible Soft Costs	\$2,003,528 -Administration	
	\$5,697,645 -AE Services	
	\$200,000 -Site Acquisition	
	\$1,548,000 -Miscellaneous Proj Costs	
	\$1,548,000 FFE	
	\$9,449,171 Total Eligible Soft Costs	
Not included in this calculation	\$2,946,255 -Administration	
	\$5,891,645 -AE Services	
	\$450,000 -Miscellaneous Proj Costs	
	\$2,128,500 -Site Acquisition	
	\$860,500 -Miscellaneous Proj Costs	
	\$1,548,000 FFE	
	\$9,449,171 Total Eligible Soft Costs	

Construction Costs associated with Soft Cost Cap Calculation		
Estimated Budget	\$225,000	-CM Preconstruction services
	\$56,386,452	-Construction Cost
	\$56,611,452	-Construction Contingency
	\$11,322,290	20% Soft Cost Allowance
		Reimbursable Soft Cost
		Eligible minus Reimbursable
		- \$1,873,119
		Not eligible therefore is negative OK.
		- If Eligible minus Reimbursable is positive enter value into Soft Costs that exceed 20% of Construction Cost below in the Ineligible column.

Construction Budget	\$56,386,452	
OPM Services		OPM Value @
Basic Services	\$2,866,255	5.08%
Extra Services	\$30,000	0.05%
Designer Services		Designer Value @
Basic Services	\$5,832,645	10.34%
Extra Services	\$59,000	0.10%

Total Project Budget

OPTION 3 - 645

School Building Committee Reviewed on: Insert Date of SBC Review Date

Insert City/Town Insert School Name

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹	Review Date
72	Furnishings	\$0				
73	SPECIAL CONSTRUCTION & DEMOLITION					
74	Special Construction	\$0				
75	Existing Building Demolition	\$55,744				
76	In-Bldg. Hazardous Material Abatement	\$1,249,360				
77	Asbestos Contig. Floor Mat/ Abatement	\$0				
78	Other Hazardous Material Abatement	\$0				
79	BUILDING SITEWORK					
80	Site Preparation	\$5,369,056				
81	Site Improvements	\$0				
82	Site Civil/ Mechanical Utilities	\$0				
83	Site Electrical Utilities	\$0				
84	Other Site Construction	\$0				
85	Scope Excluded Site Cost	\$0	\$2,571,341			
86	Construction Trades Subtotal	\$42,145,604	\$2,571,341			
87	Contingencies (Design and Pricing)	\$0	\$0			
88	D/E/B Sub-Contractor Bonds	\$0	\$0			
89	D/E/B Insurance	\$0	\$0			
90	D/E/B General Conditions	\$0	\$0			
91	D/E/B Overhead & Profit	\$0	\$0			
92	GMP Insurance	\$6,597,155	\$402,498			
93	GMP Fee	\$0	\$0			
94	GMP Contingency	\$0	\$0			
95	Escalation to Mid-Point of Construction	\$7,643,693	\$466,349			
96	Overall Excluded Construction Cost	\$0	\$19,387,397			
97	Construction Budget	\$66,386,462	\$22,827,885	\$43,558,577	\$17,205,631	
98	Alternates	\$0	\$0			
99	Ineligible Work Included in the Base Project	\$0	\$0			
100	Alternates Included in the Total Project Budget	\$0	\$0			
101	Alternates Excluded from the Total Project Budget	\$0	\$0			
102	Subtotal to be included in Total Project Budget	\$0	\$0	\$0	\$0	
103	Miscellaneous Project Costs	\$0	\$0			
104	Utility Company Fees	\$0	\$0			
105	Testing Services	\$200,000	\$0			
106	Swing Space / Modifiers	\$150,000	\$150,000			
107	Other Project Costs (Mailing & Moving)	\$100,000	\$100,000			
108	Misc. Project Costs Subtotal	\$450,000	\$250,000	\$200,000	\$102,540	
109	Furnishings and Equipment	\$1,064,250	\$290,250	\$774,000		
110	Furniture, Fixtures and Equipment	\$1,064,250	\$290,250	\$774,000		
111	Technology	\$2,128,500	\$580,500	\$1,548,000		
112	FF&E Subtotal	\$68,027,852	\$24,794,814	\$43,233,038	\$221,655,719	
113	Soft Costs that exceed 20% of Construction Cost	\$0	\$0			
114	Project Budget	\$68,027,852	\$24,794,814	\$43,233,038	\$221,655,719	

Line Item	Description	Estimated Budget	Scope Items Excluded or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹	Review Date
116	Board Authorization	645				
117	Design Enrollment	93,525				
118	Total Building Gross Floor Area (GSF)	\$68,027,852				
119	Total Project Budget (excluding Contingencies)	\$24,794,814				
120	Scope Items Excluded or Otherwise Ineligible	\$0				
121	Third Party Funding (Ineligible)	\$43,233,038				
122	Estimated Basis of Maximum Total Facilities Grant ¹	\$1,277%				
123	Reimbursement Rate	\$22,165,579				
124	Est. Max. Total Facilities Grant (before recovery) ¹	\$0				
125	Cost Recovery ²	\$0				
126	Estimated Maximum Total Facilities Grant ¹	\$22,165,579				
127	Construction Contingency ³	\$2,819,323				
128	Ineligible Construction Contingency ³	\$2,255,458				
129	"Potentially Eligible" Construction Contingency ³	\$563,865				
130	Owner's Contingency ³	\$582,070				
131	Ineligible Owner's Contingency ³	\$465,656				

NOTES
 This template was prepared by the MSBA as a tool to assist Districts and consultants in understanding MSBA policies and practices regarding potential impact on the MSBA's calculation of a potential Basis of Total Facilities Grant and potential Total Maximum Facilities Grant. This template does not contain a final, exhaustive list of all evaluations which the MSBA may use in determining whether items are eligible for reimbursement by the MSBA. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimates generated by the District using this template.
 1. Does not include any potentially eligible contingency funds and is subject to review and audit by the MSBA.
 2. The proposed demolition of the School is expected to result in the MSBA receiving a portion of state funds previously paid to the District for the MSBA project at the existing location. The MSBA will use these funds to offset the cost of the proposed school project that may or may not agree with the estimated cost recovery generated by the District, and its consultants using this template.
 3. "Potentially Eligible" Construction Contingency³ Owner's Contingency³ Ineligible Owner's Contingency³

Category	Amount	Notes
Site Cost Reimbursement =	\$0	8.0% Eligible Site Costs
Direct Site Cost Excluded	\$5,369,056	\$5,369,056 Eligible Site Costs
Direct Building Cost	\$34,971,444	\$2,797,716 Reimbursable Site Cost \$2,571,341 Eligible minus Reimbursable If Eligible minus Reimbursable is negative OK. No ineligible needed If Eligible minus Reimbursable is positive enter value into Scope Excluded Site Cost
Construction Cost Reimbursement	\$555,744	Eligible Demo
Eligible Abatement	\$1,805,104	Total Eligible Demo & Abatement
D&P	\$0	0.00% % of Trades
Bonds	\$0	0.00% % of Trades
Insurance	\$0	0.00% % of Trades
Gen Cond	\$0	0.00% % of Trades
O&P	\$0	0.00% % of Trades
GMP Ins	\$282,557	15.65% % of Trades
GMP Fee	\$0	0.00% % of Trades
GMP cont.	\$0	0.00% % of Trades
Escalation	\$327,381	18.44% % of Trades
Marked Up Demo & Abatement	\$2,415,042	18.44% % of Cumulative sum of Trades and Markups
Eligible Construction Cost	\$33,558,867	Eligible Construction Cost
Proposed GSF: Manually enter eligible area if less than total area	93,525	Reimbursable Construction Cost for New Construction \$/sf (subject to change)
Reimbursable Construction Cost	\$31,143,825	Reimbursable Construction Cost
Marked Demo & Abatement	\$2,415,042	Marked Demo & Abatement
Reimbursable Construction Cost	\$33,558,867	Reimbursable Construction Cost
Eligible Minus Reimbursable	\$0	Eligible Minus Reimbursable
Eligible minus Reimbursable is negative OK. No ineligible entry needed		
Eligible minus Reimbursable is positive enter value into Overall Excluded Construction Cost		
Enrollment	645	Reimbursable Amount
Est'd Budget	\$774,000	Est'd Budget
Reimbursable Amount	\$774,000	Reimbursable Amount
Enrollment	645	Enrollment
Reimbursable Amount	\$774,000	Reimbursable Amount
1.00 (0-2) Maintenance		
0.00 (0-1) CM @ Risk		
0.00 (0-6) Newly Formed Regional School District		
0.00 (0-5) Major Reconstruction or Reno/Reuse type in rounded to 2 decimal places		
0.00	0 gsf	Renovated or Existing to Remain
98,201 gsf	98,201 gsf	Total at Conclusion of Project
0.00 (0-1) Overlay Zoning 40R and 40S		
0.00 (0-0.5) Overlay Zoning 100 units or 50% of units 1, 2, or 3 family structures		
2.00 (0-2) Energy Efficiency - "Green Schools"		
0.00 (5) Model Schools		
3.00 Total Incentive Points		

OPTION 3 - 645

Total Project Budget

Insert City/Town School Building Committee Reviewed on: Insert Date of SBC
 Insert School Name Review Date

	Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(6)	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
132	"Potentially Eligible" Owner's Contingency ³	\$116,414			
133	Total Potentially Eligible Contingency ³	\$680,279			
134	Reimbursement Rate	51.27%			
135	Potential Additional Contingency Grant Funds ³	\$348,779			
136	Maximum Total Facilities Grant	\$22,514,358			
137	Total Project Budget	\$71,429,245			
	Estimated MSBA Share	\$22,514,358			
	Estimated District Share	\$48,914,887			
		\$71,429,245	\$48,914,887	\$0 TEST	\$0 TEST
			\$71,429,245		

¹ Pursuant to Section 3.20 of the Project Funding Agreement and the applicable policies and guidelines of the Authority, any project costs associated with the reallocation or transfer of funds from either the Owner's contingency or the Construction contingency to other budget line items shall be subject to review by the Authority to determine whether any such costs are eligible for reimbursement by the Authority. All costs are subject to review and audit by the MSBA.

Total Project Budget

OPTION 3 - 704

Insert City/Town School Building Committee Reviewed on: Insert Date of SBC Review Date

Insert School Name	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant	Estimated Maximum Total Facilities Grant	Review Date
Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(5)					
1 Feasibility Study Agreement	\$205,000	\$0	\$205,000		
2 OPM Feasibility Study	\$456,000	\$0	\$456,000		
3 A/E Feasibility Study	\$59,000	\$0	\$59,000		
4 Environmental & Site	\$30,000	\$0	\$30,000		
5 Other	\$750,000	\$0	\$750,000	\$384,523	
6 Feasibility Study Agreement Subtotal	\$1,450,000	\$0	\$1,450,000	\$0	
7 Administration	\$50,000	\$50,000	\$0	\$0	
8 Legal Fees	\$2,837,857	\$956,948	\$1,880,909	\$1,880,909	
9 Owner's Project Manager	\$0	\$0	\$0	\$0	
10 Design Development	\$0	\$0	\$0	\$0	
11 Construction Contract Documents	\$0	\$0	\$0	\$0	
12 Bidding	\$0	\$0	\$0	\$0	
13 Construction Contract Administration	\$0	\$0	\$0	\$0	
14 Closeout	\$0	\$0	\$0	\$0	
15 Extra Services	\$0	\$0	\$0	\$0	
16 Reimbursable & Other Services	\$0	\$0	\$0	\$0	
17 Cost Estimates	\$0	\$0	\$0	\$0	
18 Advertising	\$0	\$0	\$0	\$0	
19 Permitting	\$0	\$0	\$0	\$0	
20 Other Insurance	\$0	\$0	\$0	\$0	
21 Other Administrative Costs	\$0	\$0	\$0	\$0	
22 Administration Subtotal	\$2,837,857	\$1,006,948	\$1,830,909	\$964,342	
23 Architecture and Engineering	\$0	\$0	\$0	\$0	
24 Basic Services	\$5,697,740	\$194,000	\$5,503,740	\$5,503,740	
25 Design Development	\$0	\$0	\$0	\$0	
26 Construction Contract Documents	\$0	\$0	\$0	\$0	
27 Bidding	\$0	\$0	\$0	\$0	
28 Construction Contract Administration	\$0	\$0	\$0	\$0	
29 Other	\$0	\$0	\$0	\$0	
30 Other Basic Services	\$0	\$0	\$0	\$0	
31 Basic Services Subtotal	\$5,697,740	\$194,000	\$5,503,740	\$5,503,740	
32 Reimbursable Services	\$0	\$0	\$0	\$0	
33 Construction Testing	\$0	\$0	\$0	\$0	
34 Painting (over minimum)	\$0	\$0	\$0	\$0	
35 Other Reimbursable Costs	\$0	\$0	\$0	\$0	
36 Hazardous Materials	\$0	\$0	\$0	\$0	
37 Geotech & Geo-Env.	\$0	\$0	\$0	\$0	
38 Site Survey	\$0	\$0	\$0	\$0	
39 Wetlands	\$0	\$0	\$0	\$0	
40 Traffic Studies	\$0	\$0	\$0	\$0	
41 Architectural/Engineering Subtotal	\$5,697,740	\$194,000	\$5,503,740	\$2,821,765	
42 Civil & Risk Reconstruction Services	\$225,000	\$0	\$225,000	\$115,955	
43 Site Construction Services	\$0	\$0	\$0	\$0	
44 Land / Building Purchase	\$0	\$0	\$0	\$0	
45 Appraisal Fees	\$0	\$0	\$0	\$0	
46 Recording fees	\$0	\$0	\$0	\$0	
47 Recording fees	\$0	\$0	\$0	\$0	
48 Site Acquisition Subtotal	\$0	\$0	\$0	\$0	
49 Construction	\$37,101,444	\$0	\$37,101,444	\$0	
50 SUBSTRUCTURE	\$0	\$0	\$0	\$0	
51 Foundations	\$0	\$0	\$0	\$0	
52 Basement Construction	\$0	\$0	\$0	\$0	
53 SHELL	\$0	\$0	\$0	\$0	
54 Superstructure	\$0	\$0	\$0	\$0	
55 Exterior Walls	\$0	\$0	\$0	\$0	
56 Exterior Windows	\$0	\$0	\$0	\$0	
57 Exterior Doors	\$0	\$0	\$0	\$0	
58 Roofing	\$0	\$0	\$0	\$0	
59 INTERIORS	\$0	\$0	\$0	\$0	
60 INTERIORS	\$0	\$0	\$0	\$0	
61 Interior Construction	\$0	\$0	\$0	\$0	
62 Staircases	\$0	\$0	\$0	\$0	
63 Interior Finishes	\$0	\$0	\$0	\$0	
64 SERVICES	\$0	\$0	\$0	\$0	
65 Conveying Systems	\$0	\$0	\$0	\$0	
66 Plumbing	\$0	\$0	\$0	\$0	
67 HVAC	\$0	\$0	\$0	\$0	
68 Fire Protection	\$0	\$0	\$0	\$0	
69 Electrical	\$0	\$0	\$0	\$0	
70 EQUIPMENT & FURNISHINGS	\$0	\$0	\$0	\$0	
71 Equipment	\$0	\$0	\$0	\$0	

ProRated 20% Exclusion
 \$0 -Administration
 \$0 -A/E Services
 \$0 -Miscellaneous Proj Costs
 \$8,334,650 Sum of Three Soft Costs
 Eligible Soft Costs Category
 \$2,115,909 -Administration
 \$6,018,740 -A/E Services
 \$200,000 -Miscellaneous Proj Costs
 \$1,548,000 FFE
 \$9,882,650 Total Eligible Soft Costs

Not included in this calculation Owners Contingency
 \$225,000
 \$89,597,403
 \$89,822,403
 20% Soft Cost Allowance
 \$11,964,481 Reimbursable Soft Cost

Construction Costs Category
 \$225,000 -CM Preconstruction services
 \$89,597,403 -Construction Cost
 \$89,822,403 -Construction Contingency
 20% Soft Cost Allowance
 \$11,964,481 Reimbursable Soft Cost

Construction Budget \$59,597,403
 Eligible Fees % of Total Construction 5.11% \$2,085,909
 Extra Services \$30,000
 Designer Value @ 10.00% Value > 10% \$5,959,740
 Designer Value @ 3.50% Value > 3.5% \$2,085,909

OPM Services
 Basic Services \$3,042,857
 Extra Services \$30,000
 Designer Services
 Basic Services \$8,153,740
 Extra Services \$59,000

Not included in this calculation
 \$225,000
 \$89,597,403

Construction Costs associated with Soft Cost Cap Calculation
 Estimated Budget \$225,000
 \$89,597,403

Not included in this calculation
 \$225,000
 \$89,597,403

Eligible minus Reimbursable is negative OK
 -If Eligible minus Reimbursable is positive enter value into Soft Costs that exceed 20% of Construction Cost below in the ineligible column.

Total Project Budget

OPTION 3 - 704

Insert City/Town School Building Committee Reviewed on: Insert Date of SBC Review Date

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Total Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
72	Furnishings	\$0			
73	SPECIAL CONSTRUCTION & DEMOLITION				
74	Special Construction	\$0			
75	Existing Building Demolition	\$555,744			
76	In-Bldg. Hazardous Material Abatement	\$1,249,360			
77	Asbestos Cont'g. Floor Mat'l Abatement	\$0			
78	Other Hazardous Material Abatement	\$0			
79	BUILDING SITEWORK				
80	Site Preparation	\$5,639,056			
81	Site Improvements	\$0			
82	Site Civil / Mechanical Utilities	\$0			
83	Site Electrical Utilities	\$0			
84	Other Site Construction	\$0			
85	Scope Excluded Site Cost	\$0	\$2,670,941		
86	Construction Trades Subtotal	\$44,545,604	\$2,670,941		
87	Contingencies (Design and Piping)	\$0			
88	D/B/B Sub-Contractor Bonds	\$0			
89	D/B/B Insurance	\$0			
90	D/B/B General Conditions	\$0			
91	D/B/B Overhead & Profit	\$0			
92	GMP Insurance	\$6,972,832	\$418,089		
93	GMP Fee	\$0			
94	GMP Contingency	\$0			
95	Escalation to Mid-Point of Construction	\$8,075,967	\$484,412		
96	Overall Excluded Construction Cost	\$20,467,094	\$20,467,094		
97	Construction Budget	\$89,897,403	\$24,040,536	\$35,556,867	\$18,230,006
98	Alternates				
99	Ineligible Work Included in the Base Project	\$0			
100	Alternates Included in the Total Project Budget	\$0			
101	Alternates Excluded from the Total Project Budget	\$0			
102	Subtotal to be Included in Total Project Budget	\$0			\$0
103	Miscellaneous Project Costs				
104	Utility Company Fees	\$0			
105	Testing Services	\$200,000			
106	Swing Space / Modulators	\$150,000	\$200,000		
107	Other Project Costs (Mailing & Moving)	\$100,000	\$100,000		
108	Misc. Project Costs Subtotal	\$450,000	\$250,000		\$102,540
109	Furniture and Equipment				
110	Furniture, Fixtures and Equipment	\$1,161,600	\$387,600	\$774,000	
111	Technology	\$1,161,600	\$387,600	\$774,000	
112	FF&E Subtotal	\$2,323,200	\$775,200	\$1,548,000	\$793,660
113					
114	Soft Costs that exceed 20% of Construction Cost				
115	Project Budget	\$71,931,201	\$26,266,684	\$45,664,517	\$234,219,773

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Total Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
116	Board Authorization	645			
117	Design Enrollment	645			
118	Total Building Gross Floor Area (GSF)	93,525			
119	Total Project Budget (excluding Contingencies)	\$71,931,201			
120	Scope Items Excluded or Otherwise Ineligible	\$26,266,684			
121	Third Party Funding (Ineligible)	\$0			
122	Estimated Basis of Maximum Total Facilities Grant ¹	\$45,664,517			
123	Reimbursement Rate	51.27%			
124	Est. Max. Total Facilities Grant (before recovery) ¹	\$23,412,198			
125	Cost Recovery ²	\$0			
126	Estimated Maximum Total Facilities Grant ¹	\$23,412,198			
127	Construction Contingency ³	\$2,979,870			
128	Ineligible Construction Contingency ³	\$2,383,896			
129	"Potentially Eligible" Construction Contingency ³	\$595,974			
130	Owner's Contingency ³	\$616,690			
131	Ineligible Owner's Contingency ³	\$493,352			

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Total Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
127	Construction Contingency ³	\$2,979,870			
128	Ineligible Construction Contingency ³	\$2,383,896			
129	"Potentially Eligible" Construction Contingency ³	\$595,974			
130	Owner's Contingency ³	\$616,690			
131	Ineligible Owner's Contingency ³	\$493,352			

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Total Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
116	Board Authorization	645			
117	Design Enrollment	645			
118	Total Building Gross Floor Area (GSF)	93,525			
119	Total Project Budget (excluding Contingencies)	\$71,931,201			
120	Scope Items Excluded or Otherwise Ineligible	\$26,266,684			
121	Third Party Funding (Ineligible)	\$0			
122	Estimated Basis of Maximum Total Facilities Grant ¹	\$45,664,517			
123	Reimbursement Rate	51.27%			
124	Est. Max. Total Facilities Grant (before recovery) ¹	\$23,412,198			
125	Cost Recovery ²	\$0			
126	Estimated Maximum Total Facilities Grant ¹	\$23,412,198			

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Total Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
116	Board Authorization	645			
117	Design Enrollment	645			
118	Total Building Gross Floor Area (GSF)	93,525			
119	Total Project Budget (excluding Contingencies)	\$71,931,201			
120	Scope Items Excluded or Otherwise Ineligible	\$26,266,684			
121	Third Party Funding (Ineligible)	\$0			
122	Estimated Basis of Maximum Total Facilities Grant ¹	\$45,664,517			
123	Reimbursement Rate	51.27%			
124	Est. Max. Total Facilities Grant (before recovery) ¹	\$23,412,198			
125	Cost Recovery ²	\$0			
126	Estimated Maximum Total Facilities Grant ¹	\$23,412,198			

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Total Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
116	Board Authorization	645			
117	Design Enrollment	645			
118	Total Building Gross Floor Area (GSF)	93,525			
119	Total Project Budget (excluding Contingencies)	\$71,931,201			
120	Scope Items Excluded or Otherwise Ineligible	\$26,266,684			
121	Third Party Funding (Ineligible)	\$0			
122	Estimated Basis of Maximum Total Facilities Grant ¹	\$45,664,517			
123	Reimbursement Rate	51.27%			
124	Est. Max. Total Facilities Grant (before recovery) ¹	\$23,412,198			
125	Cost Recovery ²	\$0			
126	Estimated Maximum Total Facilities Grant ¹	\$23,412,198			

NOTES
 1. This template was prepared by the MSBA as a tool to assist Districts and consultants in understanding MSBA policies and practices regarding potential impact on the MSBA's calculation of a potential Basis of Total Facilities Grant and potential Total Maximum Reimbursement. The MSBA may use in determining whether items are eligible for reimbursement by the MSBA. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimates generated by the District using this template.
 2. Does not include any potentially eligible contingency funds and is subject to review and audit by the MSBA.
 3. The proposed demolition of the _____ School is expected to result in the MSBA recovering a portion of state funds previously paid to the District for the _____ project at the existing facilities completed in _____. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimates generated by the District for the proposed school project that may or may not agree with the estimates generated by the District using this template.

OPTION 3 - 704

Total Project Budget

Insert City/Town Insert School Name	School Building Committee Reviewed on:	Insert Date of SBC Review Date
Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(G)	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹
132	Estimated Budget	Estimated Maximum Total Facilities Grant ¹
133	"Potentially Eligible" Owner's Contingency ²	
134	Total Potentially Eligible Contingency ²	
135	Reimbursement Rate	
136	Potential Additional Contingency Grant Funds ³	
137	Maximum Total Facilities Grant	
	Total Project Budget	
	Estimated MSBA Share	
	Estimated District Share	\$0 TEST
		\$0 TEST

3- Pursuant to Section 3.20 of the Project Funding Agreement and the applicable policies and guidelines of the Authority, any project costs associated with the reallocation or transfer of funds from either the Owner's contingency or the Construction contingency to other project costs are eligible for reimbursement by the Authority. All costs are subject to review and audit by the MSBA.

Total Project Budget

Insert City/Town: _____ Insert Date of SBC: _____
 Insert School Name: _____ Review Date: _____

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹	Review Date
Total Project Budget. All costs associated with the project are subject to 963 CMR 2.16(5)						
1	Feasibility Study Agreement	\$205,000	\$0	\$205,000	\$205,000	
2	OPM Feasibility Study	\$456,000	\$0	\$456,000	\$456,000	
3	A&E Feasibility Study	\$59,000	\$0	\$59,000	\$59,000	
4	Environmental & Site	\$30,000	\$0	\$30,000	\$30,000	
5	Other	\$750,000	\$0	\$750,000	\$750,000	
6	Feasibility Study Agreement Subtotal				\$384,523	
7	Administration	\$50,000	\$50,000	\$0	\$0	
8	Legal Fees	\$50,000	\$50,000	\$0	\$0	
9	Owner's Project Manager					
10	Design Development	\$4,197,899	\$1,451,509	\$2,746,390	\$2,746,390	
11	Construction Contract Documents	\$0	\$0	\$0	\$0	
12	Bidding	\$0	\$0	\$0	\$0	
13	Construction Contract Administration	\$0	\$0	\$0	\$0	
14	Closeout	\$0	\$0	\$0	\$0	
15	Extra Services	\$0	\$0	\$0	\$0	
16	Reimbursable & Other Services	\$0	\$0	\$0	\$0	
17	Cost Estimates	\$0	\$0	\$0	\$0	
18	Advertising	\$0	\$0	\$0	\$0	
19	Permitting	\$0	\$0	\$0	\$0	
20	Owner's Insurance	\$0	\$0	\$0	\$0	
21	Other Administrative Costs	\$0	\$0	\$0	\$0	
22	Administration Subtotal	\$4,247,899	\$1,501,509	\$2,746,390	\$1,408,074	
23	Architecture and Engineering					
24	Basic Services	\$8,170,543	\$194,000	\$7,976,543	\$7,976,543	
25	Design Development	\$0	\$0	\$0	\$0	
26	Construction Contract Documents	\$0	\$0	\$0	\$0	
27	Bidding	\$0	\$0	\$0	\$0	
28	Construction Contract Administration	\$0	\$0	\$0	\$0	
29	Closeout	\$0	\$0	\$0	\$0	
30	Other Basic Services	\$0	\$0	\$0	\$0	
31	Basic Services Subtotal	\$8,170,543	\$194,000	\$7,976,543		
32	Reimbursable Services	\$0	\$0	\$0	\$0	
33	Construction Resting	\$0	\$0	\$0	\$0	
34	Printing (over minimum)	\$0	\$0	\$0	\$0	
35	Other Reimbursable Costs	\$0	\$0	\$0	\$0	
36	Hazardous Materials	\$0	\$0	\$0	\$0	
37	Geotech & Geo-Env.	\$0	\$0	\$0	\$0	
38	Site Survey	\$0	\$0	\$0	\$0	
39	Wetlands	\$0	\$0	\$0	\$0	
40	Traffic Studies	\$0	\$0	\$0	\$0	
41	Architectural/Engineering Subtotal	\$8,170,543	\$194,000	\$7,976,543	\$4,089,574	
42	CM & Risk Preconstruction Services					
43	Pre-Construction Services	\$225,000	\$0	\$225,000	\$225,000	
44	Site Acquisition	\$0	\$0	\$0	\$0	
45	Land/ Building Purchase	\$0	\$0	\$0	\$0	
46	Appraisal Fees	\$0	\$0	\$0	\$0	
47	Recording Fees	\$0	\$0	\$0	\$0	
48	Site Acquisition Subtotal	\$0	\$0	\$0	\$0	
49	Construction Costs	\$53,416,152	\$0	\$53,416,152	\$53,416,152	
50	SUBSTRUCTURE	\$0	\$0	\$0	\$0	
51	Foundations	\$0	\$0	\$0	\$0	
52	Basement Construction	\$0	\$0	\$0	\$0	
53	SHELL	\$0	\$0	\$0	\$0	
54	Superstructure	\$0	\$0	\$0	\$0	
55	Exterior Closure	\$0	\$0	\$0	\$0	
56	Exterior Walls	\$0	\$0	\$0	\$0	
57	Exterior Windows	\$0	\$0	\$0	\$0	
58	Exterior Doors	\$0	\$0	\$0	\$0	
59	Roofing	\$0	\$0	\$0	\$0	
60	INTERIORS	\$0	\$0	\$0	\$0	
61	Interior Construction	\$0	\$0	\$0	\$0	
62	Staircases	\$0	\$0	\$0	\$0	
63	Interior Finishes	\$0	\$0	\$0	\$0	
64	SERVICES	\$0	\$0	\$0	\$0	
65	Conveying Systems	\$0	\$0	\$0	\$0	
66	Plumbing	\$0	\$0	\$0	\$0	
67	HVAC	\$0	\$0	\$0	\$0	
68	Fire Protection	\$0	\$0	\$0	\$0	
69	Electrical	\$0	\$0	\$0	\$0	
70	EQUIPMENT & FURNISHINGS	\$0	\$0	\$0	\$0	
71	Equipment	\$0	\$0	\$0	\$0	

ProRated 20% Exclusion
 \$0 -Administration
 \$0 -A/E Services
 \$0 -Miscellaneous Proj Costs
 \$11,747,933 Sum of Three Soft Costs
 Eligible Soft Costs
 \$2,981,390 -Administration
 \$8,491,543 -A/E Services
 \$275,000 -Miscellaneous Proj Costs
 \$1,548,000 FFE
 \$13,295,933 Total Eligible Soft Costs

Soft Cost Reimbursement
 Estimated Budget Excluded
 \$4,482,899 \$1,501,509
 \$8,685,543 \$194,000
 \$625,000
 \$3,687,100 \$2,039,100
 Ineligible therefore not included in calculation -Site Acquisition
 Not included in this calculation Owners Contingency

Construction Costs associated with Soft Cost Cap Calculation
 Construction Costs Category
 \$225,000 -CM Preconstruction services
 \$84,325,435 -Construction Cost
 \$84,950,435 Total Construction Cost
 20% Soft Cost Allowance
 \$16,910,087 Reimbursable Soft Cost

-If Eligible minus Reimbursable is negative OK
 -If Eligible minus Reimbursable is positive enter value into Soft Costs that exceed 20% of Construction Cost below in the Ineligible column.

Construction Budget \$84,325,435
 Eligible Fees \$4,402,899
 Extra Services \$30,000
 Designer Value @ 10.00% Value > 10% \$8,626,543
 Extra Services \$59,000
 OPM Value @ 3.50% Value > 3.5% \$2,951,390
 Total Construction 5.22% \$2,951,390
 0.04%
 Designer Value @ 10.00% Value > 10% \$8,432,543
 0.07%

Total Project Budget

FR D 1,087

School Building Committee Reviewed on:

Insert City/Town
Insert School Name

Insert Date of SBC
Review Date

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
72	Furnishings	\$0			
73	SPECIAL CONSTRUCTION & DEMOLITION				
74	Special Construction	\$0			
75	Existing Building Demolition	\$555,744			
76	In-Bldg. Hazardous Material Abatement	\$1,249,360			
77	Asbestos Cont'g Floor Mat'l Abatement	\$0			
78	Other Hazardous Material Abatement	\$0			
79	BUILDING SITEWORK				
80	Site Preparation	\$7,807,118			
81	Site Improvements	\$0			
82	Site Civil / Mechanical Utilities	\$0			
83	Site Electrical Utilities	\$0			
84	Other Site Construction	\$0			
85	Scope Excluded Site Cost	\$0			
86	Construction Trades Subtotal	\$63,028,374	\$3,533,826		
87	Contingencies (Design and Pricing)	\$0			
88	D/B/B Sub-Contractor Bonds	\$0			
89	D/B/B Insurance	\$0			
90	D/B/B General Conditions	\$0			
91	D/B/B Overhead & Profit	\$0			
92	GMP Insurance	\$9,865,986			
93	GMP Fee	\$0			
94	GMP Contingency	\$0			
95	Escalation to Mid-Point of Construction	\$11,431,075			
96	Overall Excluded Construction Cost	\$0	\$44,040,675		
97	Construction Budget	\$64,325,435	\$48,768,568	\$35,556,867	\$18,230,006
98	Alternates				
99	Ineligible Work Included in the Base Project	\$0			
100	Alternates Included in the Total Project Budget	\$0			
101	Alternates Excluded from the Total Project Budget	\$0			
102	Subtotal to be Included in Total Project Budget	\$0			
103	Miscellaneous Project Costs				
104	Utility Company Fees	\$0			
105	Testing Services	\$275,000			
106	Swing Space / Modules	\$250,000			
107	Other Project Costs (Mailings & Moving)	\$100,000			
108	Misc. Project Costs Subtotal	\$625,000			
109	Furnishings and Equipment				
110	Furniture, Fixtures and Equipment	\$1,793,550			
111	Technology	\$1,793,550			
112	FF&E Subtotal	\$3,587,100			
113	Soft Costs that exceed 20% of Construction Cost	\$0			
114	Project Budget	\$101,930,977	\$62,853,177	\$49,077,800	\$25,162,188.26
115	Board Authorization				
116	Design Enrollment	645			
117	Total Building Gross Floor Area (GSF)	93,525			
118	Total Project Budget (excluding Contingencies)	\$101,930,977			
119	Scope Items Excluded or Otherwise Ineligible	\$52,853,177			
120	Third Party Funding (Ineligible)	\$0			
121	Estimated Basis of Maximum Total Facilities Grant ¹	\$49,077,800			
122	Reimbursement Rate	51.27%			
123	Est. Max. Total Facilities Grant (before recovery) ¹	\$25,162,188			
124	Cost Recovery ²	\$0			
125	Estimated Maximum Total Facilities Grant ¹	\$25,162,188			
126	Construction Contingency ³	\$4,216,272			
127	Ineligible Construction Contingency ³	\$3,373,917			
128	"Potentially Eligible" Construction Contingency ³	\$843,254			
129	Owner's Contingency ³	\$880,277			
130	Ineligible Owner's Contingency ³	\$704,222			
131					

Total Project Budget

FR D 1,087

Insert Date of SBC
Review Date

Category	Amount	Notes
Site Cost Reimbursement =	\$7,807,118	8.0% Eligible Site Costs
Direct Site Cost	\$0	
Direct Building Cost	\$53,416,152	
Scope Excluded Site Cost	\$4,273,292	Reimbursable Site Cost
If Eligible minus Reimbursable is negative OK. No ineligible needed	\$3,533,826	Eligible minus Reimbursable
If Eligible minus Reimbursable is positive enter value into Scope Excluded Site Cost	\$0	
Construction Cost Reimbursement	\$1,249,360	Eligible Abatement
\$1,805,104	Total Eligible Demo & Abatement	
D&P	\$0	0.00% % of Trades
Bonds	\$0	0.00% % of Trades
Insurance	\$0	0.00% % of Trades
Gen Cond	\$0	0.00% % of Trades
O&P	\$0	0.00% % of Trades
GMP Ins	\$282,557	15.65% % of Trades
GMP Fee	\$0	0.00% % of Trades
GMP cont.	\$0	0.00% % of Trades
Escalation	\$327,381	18.14% % of Cumulative sum of Trades and Markups
Marked Up Demo & Abatement	\$2,415,042	
Eligible Construction Cost	\$35,556,867	
Proposed GSF: Manually enter eligible area if less than total area	99,525	
Reimbursable Construction Cost for New Construction \$/sf (subject to change)	\$33,141,825	
Reimbursable Construction Cost	\$2,415,042	Marked Demo & Abatement
Reimbursable Construction Cost	\$35,556,867	
Eligible Minus Reimbursable	\$0	
If Eligible minus Reimbursable is negative OK. No ineligible entry needed		
If Eligible minus Reimbursable is positive enter value into Overall Excluded Construction Cost		
Enrollment	\$1,200 /student	Reimbursable Amount
Reimbursable Amount	\$1,200 /student	Est'd Budget
If Ineligible is \$0 or negative OK	\$1,200 /student	\$1,793,550
If Ineligible Amount is positive enter value for each into Scope Excluded Cost.		\$1,793,550
1.00 (0-2) Maintenance		
0.00 (0-1) CM @ Risk		
0.00 (0-6) Newly Formed Regional School District		
0.00 (0-5) Major Reconstruction or Reno/Reuse type in rounded to 2 decimal places		
0.00		
0 gsf Renovated or Existing to Remain		
126,593 gsf Total at Conclusion of Project		
0.00 (0-1) Overlay Zoning 40R and 40S		
0.00 (0-0.5) Overlay Zoning 100 units or 50% of units 1, 2, or 3 family structures		
2.00 (0-2) Energy Efficiency - "Green Schools"		
0.00 (5) Model Schools		
3.00 Total Incentive Points		

1. Does not include any potentially eligible contingency funds and is subject to review and audit by the MSBA.

2. The proposed demolition of the School is expected to result in the MSBA receiving a portion of the proceeds from the sale of the property to the District for the project at the MSBA's discretion. The MSBA will review the project and its associated costs and estimates based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimated cost recovery generated by the District and its consultants using this template.

Total Project Budget

Insert City/Town: _____ Insert Date of SBC: _____
 Insert School Name: _____ School Building Committee Reviewed on: _____ Review Date: _____

Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(5)		Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
132	"Potentially Eligible" Owner's Contingency ³	\$176,056			
133	Total Potentially Eligible Contingency ³	\$1,019,310			
134	Reimbursement Rate	51.27%			
135	Potential Additional Contingency Grant Funds ³	\$522,600			
136	Maximum Total Facilities Grant	\$25,684,788			
137	Total Project Budget	\$107,027,526			
	Estimated MSBA Share	\$25,684,788		\$81,342,738	\$0 TEST
	Estimated District Share	\$81,342,738		\$107,027,526	\$0 TEST

³ Pursuant to Section 3.20 of the Project Funding Agreement and the applicable policies and guidelines of the Authority, any project costs associated with the reallocation or transfer of funds from either the Owner's contingency or the Construction contingency to other budget line items shall be subject to review by the Authority to determine whether any such costs are eligible for reimbursement by the Authority. All costs are subject to review and audit by the MSBA.

FR MSS A

Total Project Budget

Insert City/Town Name: _____ Insert Date of SBC Review Date: _____

School Building Committee Reviewed on: _____

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Total Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
72	Furnishings	\$0			
73	SPECIAL CONSTRUCTION & DEMOLITION				
74	Special Construction	\$0			
75	Existing Building Demolition	\$555,744			
76	In-Bldg. Hazardous Material Abatement	\$1,249,360			
77	Asbestos Cont'g Floor Mat'l Abatement	\$0			
78	Other Hazardous Material Abatement	\$0			
79	BUILDING SITEWORK				
80	Site Preparation	\$5,369,056			
81	Site Improvements	\$0			
82	Site Civil / Mechanical Utilities	\$0			
83	Site Electrical Utilities	\$0			
84	Other Site Construction	\$0			
85	Scope Excluded Site Cost	\$45,597,196			
86	Construction Trades Subtotal	\$45,597,196			
87	Contingencies (Design and Pricing)	\$0			
88	D/B/B Sub-Contractor Bonds	\$0			
89	D/B/B Insurance	\$0			
90	D/B/B General Conditions	\$0			
91	D/B/B Overhead & Profit	\$7,135,875			
92	GMP Insurance	\$0			
93	GMP Contingency	\$0			
94	GMP Fee	\$0			
95	Escalation to Mid-Point of Construction	\$8,267,874			
96	Overall Excluded Construction Cost	\$24,360,250			
97	Construction Budget	\$60,960,945	\$27,432,078	\$33,528,867	\$17,458,191
98	Alternates				
99	Ineligible Work Included in the Base Project	\$0			
100	Alternates Included in the Total Project Budget	\$0			
101	Alternates Excluded from the Total Project Budget	\$0			
102	Subtotal to be Included in Total Project Budget	\$0			
103	Miscellaneous Project Costs				
104	Utility Company Fees	\$0			
105	Testing Services	\$225,000			
106	Swing Space / Modules	\$150,000			
107	Other Project Costs (Mailing & Moving)	\$100,000			
108	Misc. Project Costs Subtotal	\$475,000			
109	Furniture and Equipment				
110	Furniture	\$1,064,250			
111	Technology	\$290,250			
112	FF&E Subtotal	\$2,128,500			
113					
114	Soft Costs that exceed 20% of Construction Cost	\$0			
115	Project Budget	\$73,371,042	\$29,440,397	\$43,930,645	\$228,538,799

Line Item	Description	Estimated Budget	Scope Items Excluded from the Total Project Budget (excluding Contingencies)	Estimated Maximum Total Facilities Grant ¹
116	Board Authorization			
117	Design Enrollment	645		
118	Total Building Gross Floor Area (GSF)	115,601		
119	Total Project Budget (excluding Contingencies)	\$73,371,042		
120	Scope Items Excluded or Otherwise Ineligible	\$29,440,397		
121	Third Party Funding (Ineligible)	\$0		
122	Estimated Basis of Maximum Total Facilities Grant ¹	\$43,930,645		
123	Reimbursement Rate	52.02%		
124	Est. Max. Total Facilities Grant (before recovery) ¹	\$22,853,858		
125	Cost Recovery ²	\$0		
126	Estimated Maximum Total Facilities Grant ¹	\$22,853,858		

127	Construction Contingency ³	\$3,293,511
128	Ineligible Construction Contingency ³	\$2,376,647
129	"Potentially Eligible" Construction Contingency ³	\$914,864
130	Owner's Contingency ³	\$619,005
131	Ineligible Owner's Contingency ³	\$495,204

Site Cost Reimbursement = 8.0% Eligible Site Costs
 Direct Site Cost Excluded \$5,369,056 Eligible Site Costs \$3,073,043 Reimbursable Site Cost \$2,296,013
 Scope Excluded Site Cost \$3,073,043 Reimbursable Site Cost \$2,296,013
 If Eligible minus Reimbursable is negative OK. No ineligible needed.
 If Eligible minus Reimbursable is positive enter value into Scope Excluded Site Cost

Construction Cost Reimbursement
 \$555,744 Eligible Demo
 \$1,249,360 Eligible Abatement
 \$1,805,104 Total Eligible Demo & Abatement

D&P 0.00% % of Trades \$528 Total \$/sf
 Bonds 0.00% % of Trades \$ 358.82 Eligible \$/sf
 Insurance 0.00% % of Trades
 Gen Cond 0.00% % of Trades
 O&P 0.00% % of Trades
 GMP Ins 15.65% % of Trades
 GMP Fee 0.00% % of Trades
 GMP cont 0.00% % of Trades
 Escalation 18.14% % of Cumulative sum of Trades and Markups

\$2,415,042 Marked Up Demo & Abatement
 \$33,558,867 Eligible Construction Cost
 93.525 Proposed GSF: Manually enter eligible area if less than total area
 \$ 333 Reimbursable Construction Cost for New Construction \$/sf (subject to change)
 \$ 31,143,825 Reimbursable Construction Cost
 \$ 2,415,042 Marked Demo & Abatement
 \$ 33,558,867 Reimbursable Construction Cost
 \$ 0 Eligible Minus Reimbursable
 If Eligible minus Reimbursable is negative OK. No ineligible entry needed.
 If Eligible minus Reimbursable is positive enter value into Overall Excluded Construction Cost

FF&E Reimbursement
 Funding Limits Enrollment Reimbursable Amount Est'd Budget Ineligible*
 \$1,200 (student) 645 \$774,000 \$1,064,250 \$800,250
 \$1,200 (student) 645 \$774,000 \$1,064,250 \$800,250
 *If Ineligible is \$0 or negative OK.
 *If Ineligible Amount is positive enter value for each into Scope Excluded Cost.

1.00 (0-2) Maintenance
 0.00 (0-1) CM @ Risk
 0.00 (0-6) Newly Formed Regional School District
 0.75 (0-5) Major Reconstruction or Reno/Reuse type in rounded to 2 decimal places
 0.75 17,400 gsf Renovated or Existing to Remain
 0.75 115,601 gsf Total at Conclusion of Project
 0.00 (0-1) Overlay Zoning 40R and 40S
 0.00 (0-0.5) Overlay Zoning 100 units or 50% of units 1,2, or 3 family structures
 2.00 (0-2) Energy Efficiency - "Green Schools"
 0.00 (5) Model Schools
3.75 Total Incentive Points

48.27 Reimbursement Rate Before Incentive Points
 3.75 Total Incentive Points
 52.02% MSBA Reimbursement Rate

NOTES
 This template was prepared by the MSBA as a tool to assist Districts and consultants in understanding MSBA policies and practices regarding potential impact on the MSBA's calculation of its potential basis of Total Facilities Grant, and potential total maximum amount of Total Facilities Grant. The MSBA may use its own independent analysis based on a review of the MSBA. The MSBA will perform an independent analysis based on a review of the information and estimates provided by the District for the proposed school project that may or may not agree with the estimates generated by the District using this template.
 1. Does not include any potentially eligible contingency funds and is subject to review and audit by the MSBA.
 2. The proposed demolition of the _____ School is expected to result in the MSBA recovering a portion of state funds previously paid to the District for the _____ project at the existing facilities completed in _____. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimated cost recovery generated by the District, and its consultants using this template.

Total Project Budget

Insert City/Town _____ Insert School Name _____
 Insert Date of SBC _____ Review Date _____

School Building Committee Reviewed on:

FR MSS B

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant	Estimated Maximum Total Facilities Grant
Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(5)					
1	Feasibility Study Agreement	\$185,000		\$185,000	
2	OPM Feasibility Study	\$425,000		\$425,000	
3	A&E Feasibility Study	\$104,000		\$104,000	
4	Environmental & Site	\$36,000		\$36,000	
5	Other	\$750,000		\$750,000	\$389,891
6	Feasibility Study Agreement Subtotal				
7	Administration	\$50,000		\$50,000	\$0
8	Legal Fees	\$3,105,104		\$3,105,104	\$0
9	Owner's Project Manager	\$1,043,038		\$1,043,038	\$0
10	Design Development	\$0		\$0	\$2,062,066
11	Construction Contract Documents	\$0		\$0	\$0
12	Bidding	\$0		\$0	\$0
13	Construction Contract Administration	\$0		\$0	\$0
14	Closeout	\$0		\$0	\$0
15	Extra Services	\$0		\$0	\$0
16	Reimbursable & Other Services	\$0		\$0	\$0
17	Cost Estimates	\$0		\$0	\$0
18	Advertising	\$0		\$0	\$0
19	Permitting	\$0		\$0	\$0
20	Owner's Insurance	\$0		\$0	\$0
21	Other Administrative Costs	\$0		\$0	\$0
22	Administration Subtotal	\$3,155,104	\$1,093,038	\$2,062,066	\$1,071,975
23	Architecture and Engineering				
24	Basic Services	\$6,144,190	\$149,000	\$5,995,190	\$0
25	Design Development	\$0		\$0	\$0
26	Construction Contract Documents	\$0		\$0	\$0
27	Bidding	\$0		\$0	\$0
28	Construction Contract Administration	\$0		\$0	\$0
29	Closeout	\$0		\$0	\$0
30	Other Basic Services	\$0		\$0	\$0
31	Basic Services Subtotal	\$6,144,190	\$149,000	\$5,995,190	
32	Reimbursable Services	\$0		\$0	\$0
33	Construction testing	\$0		\$0	\$0
34	Printing (over minimum)	\$0		\$0	\$0
35	Other Reimbursable Costs	\$0		\$0	\$0
36	Hazardous Materials	\$0		\$0	\$0
37	Geotech & Geo-Env.	\$0		\$0	\$0
38	Site Survey	\$0		\$0	\$0
39	Wetlands	\$0		\$0	\$0
40	Traffic Studies	\$0		\$0	\$0
41	Architectural/Engineering Subtotal	\$6,144,190	\$149,000	\$5,995,190	\$3,116,627
42	CM & Risk Preconstruction Services	\$225,000		\$225,000	\$116,967
43	Pre-Construction Services	\$0		\$0	\$0
44	Site Acquisition	\$0		\$0	\$0
45	Land / Building Purchase	\$0		\$0	\$0
46	Appraisal Fees	\$0		\$0	\$0
47	Recording fees	\$0		\$0	\$0
48	Site Acquisition Subtotal	\$0	\$0	\$0	\$0
49	Construction Costs	\$40,543,036		\$40,543,036	\$0
50	SUBSTRUCTURE	\$0		\$0	\$0
51	Foundations	\$0		\$0	\$0
52	Basement Construction	\$0		\$0	\$0
53	SHELL	\$0		\$0	\$0
54	Super Structure	\$0		\$0	\$0
55	Exterior Closure	\$0		\$0	\$0
56	Exterior Walls	\$0		\$0	\$0
57	Exterior Windows	\$0		\$0	\$0
58	Exterior Doors	\$0		\$0	\$0
59	Roofing	\$0		\$0	\$0
60	INTERIORS	\$0		\$0	\$0
61	Interior Construction	\$0		\$0	\$0
62	Staircases	\$0		\$0	\$0
63	Interior Finishes	\$0		\$0	\$0
64	SERVICES	\$0		\$0	\$0
65	Conveying Systems	\$0		\$0	\$0
66	Plumbing	\$0		\$0	\$0
67	HVAC	\$0		\$0	\$0
68	Fire Protection	\$0		\$0	\$0
69	Electrical	\$0		\$0	\$0
70	EQUIPMENT & FURNISHINGS	\$0		\$0	\$0
71	Equipment	\$0		\$0	\$0

ProRated 20% Exclusion

\$0 -Administration	
\$0 -A/E Services	
\$0 -Miscellaneous Proj Costs	
\$9,032,256 Sum of Three Soft Costs	

Soft Cost Reimbursement

Category	Excluded
\$2,283,066 -Administration	\$3,376,104
\$6,524,190 -A/E Services	\$149,000
\$225,000 -Miscellaneous Proj Costs	Ineligible therefore not included in calculation
\$1,548,000 FFE	\$475,000
Total Eligible Soft Costs	\$2,323,200
Total Eligible Soft Costs	\$775,200

Construction Costs associated with Soft Cost Cap Calculation

Construction Costs	Category
\$225,000 -CM Preconstruction services	
\$64,201,897 -Construction Cost	
\$64,426,897 Total Construction Cost	
20% Soft Cost Allowance	
\$12,885,379 Reimbursable Soft Cost	

-If Eligible minus Reimbursable is negative OK.
 -If Eligible minus Reimbursable is positive enter value into Soft Costs that exceed 20% of Construction Cost below in the Ineligible column.

Construction Budget	\$64,201,897
Eligible Fees	\$3,290,104
Extra Services	\$36,000
Designer Value @ 10.00%	\$6,569,190
Extra Services	\$104,000
OPM Value @ 3.50%	\$2,247,066
OPM Value @ 10.00%	\$6,420,190
OPM Value @ 0.16%	\$104,000

Total Project Budget

FR MSS B

Insert City/Town
Insert School Name

School Building Committee Reviewed on:

Insert Date of SBC Review Date

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
72	Furnishings	\$0			
73	SPECIAL CONSTRUCTION & DEMOLITION				
74	Special Construction	\$0			
75	Existing Building Demolition	\$555,744			
76	In-Bldg. Hazardous Material Abatement	\$1,249,360			
77	Asbestos Cont'g Floor Mat'l Abatement	\$0			
78	Other Hazardous Material Abatement	\$0			
79	BUILDING SITEWORK				
80	Site Preparation	\$5,639,056			
81	Site Improvements	\$0			
82	Site Civil / Mechanical Utilities	\$0			
83	Site Electrical Utilities	\$0			
84	Other Site Construction	\$0			
85	Scope Excluded Site Cost	\$0			
86	Construction Trades Subtotal	\$47,987,196	\$2,395,613	\$45,591,583	\$45,591,583
87	Contingencies (Design and Pricing)	\$0	\$0	\$0	\$0
88	D/B/B Sub-Contractor Bonds	\$0	\$0	\$0	\$0
89	D/B/B Insurance	\$0	\$0	\$0	\$0
90	D/B/B General Conditions	\$0	\$0	\$0	\$0
91	D/B/B Overhead & Profit	\$0	\$0	\$0	\$0
92	GMP Insurance	\$7,571,553	\$374,991	\$7,196,562	\$7,196,562
93	GMP Fee	\$0	\$0	\$0	\$0
94	GMP Contingency	\$0	\$0	\$0	\$0
95	Escalation to Mid-Point of Construction	\$6,703,148	\$434,478	\$6,268,670	\$6,268,670
96	Overall Excluded Construction Cost	\$0	\$25,439,947	\$25,439,947	\$25,439,947
97	Construction Budget	\$64,201,897	\$28,645,030	\$35,556,867	\$35,556,867
98	Alternates	\$0	\$0	\$0	\$0
99	Ineligible Work Included in the Base Project	\$0	\$0	\$0	\$0
100	Alternates Included in the Total Project Budget	\$0	\$0	\$0	\$0
101	Alternates Excluded from the Total Project Budget	\$0	\$0	\$0	\$0
102	Subtotal to be Included in Total Project Budget	\$0	\$0	\$0	\$0
103	Miscellaneous Project Costs	\$0	\$0	\$0	\$0
104	Utility Company Fees	\$0	\$0	\$0	\$0
105	Testing Services	\$225,000	\$0	\$225,000	\$225,000
106	Swing Space / Modules	\$150,000	\$150,000	\$0	\$0
107	Other Project Costs (Mailings & Moving)	\$100,000	\$100,000	\$0	\$0
108	Misc. Project Costs Subtotal	\$475,000	\$250,000	\$225,000	\$225,000
109	Furnishings and Equipment	\$0	\$0	\$0	\$0
110	Furniture, Fixtures and Equipment	\$1,161,600	\$387,600	\$774,000	\$774,000
111	Technology	\$1,161,600	\$387,600	\$774,000	\$774,000
112	FF&E Subtotal	\$2,323,200	\$775,200	\$1,548,000	\$1,548,000
113	Soft Costs that exceed 20% of Construction Cost	\$0	\$0	\$0	\$0
114	Project Budget	\$77,274,391	\$30,912,268	\$46,362,123	\$46,362,123
115	Board Authorization				
116	Design Enrollment	645			
117	Total Building Gross Floor Area (GSF)	93,525			
118	Total Project Budget (excluding Contingencies)	\$77,274,391			
119	Scope Items Excluded or Otherwise Ineligible	\$30,912,268			
120	Third Party Funding (Ineligible)	\$0			
121	Estimated Basis of Maximum Total Facilities Grant ¹	\$46,362,123			
122	Reimbursement Rate	51.99%			
123	Est. Max. Total Facilities Grant (before recovery) ¹	\$24,101,560			
124	Cost Recovery ²	\$0			
125	Estimated Maximum Total Facilities Grant ¹	\$24,101,560			
126	Construction Contingency ³	\$3,434,801			
127	Ineligible Construction Contingency ³	\$2,792,783			
128	"Potentially Eligible" Construction Contingency ³	\$642,019			
129	Owner's Contingency ³	\$653,625			
130	Ineligible Owner's Contingency ³	\$522,900			
131					

Site Cost Reimbursement =	Excluded	Eligible Site Costs
Direct Site Cost	\$0	\$5,639,056
Direct Building Cost	\$40,543,036	\$3,243,443
Scope Excluded Site Cost	\$2,395,613	\$2,395,613
If Eligible minus Reimbursable is negative OK. No ineligible needed		
If Eligible minus Reimbursable is positive enter value into Scope Excluded Site Cost		

Construction Cost Reimbursement	% of Trades	Total \$/sf	Eligible \$/sf
\$555,744 Eligible Demo	0.00%	\$0	\$0
\$1,249,360 Eligible Abatement	0.00%	\$0	\$0
\$1,805,104 Total Eligible Demo & Abatement	0.00%	\$0	\$0
D&P	0.00%	\$0	\$0
Bonds	0.00%	\$0	\$0
Insurance	0.00%	\$0	\$0
Gen Cond	0.00%	\$0	\$0
O&P	0.00%	\$0	\$0
GMP Ins	15.65%	\$7,196,562	\$7,196,562
GMP Fee	0.00%	\$0	\$0
GMP cont.	0.00%	\$0	\$0
Escalation	18.14%	\$6,268,670	\$6,268,670
Marked Up Demo & Abatement			
Proposed GSF: Manually enter eligible area if less than total area			
333 Reimbursable Construction Cost for New Construction \$/sf (subject to change)			
33,141,825 Reimbursable Construction Cost			
\$2,415,042 Marked Demo & Abatement			
35,556,867 Reimbursable Construction Cost			
\$0 Eligible Minus Reimbursable			
If Eligible minus Reimbursable is negative OK. No ineligible entry needed			
If Eligible minus Reimbursable is positive enter value into Overall Excluded Construction Cost			

FFE Reimbursement	Enrollment	Reimbursable Amount	Est'd Budget	Ineligible*
Funding Limits	\$1,200 /student	\$774,000	\$1,161,600	-\$387,600
If Ineligible is \$0 or negative OK.	\$1,200 /student	\$774,000	\$1,161,600	-\$387,600
If Ineligible Amount is positive enter value for each into Scope Excluded Cost.				

Reimbursement Rate Before Incentive Points	MSBA Reimbursement Rate
48.27	51.99%
3.72 Total Incentive Points	

NOTES
This template was prepared by the MSBA as a tool to assist districts and consultants in understanding MSBA policies and practices regarding potential impact on the MSBA's calculation of a potential Basis of Total Facilities Grant and potential Total Maximum Facilities Grant. This template does not contain a final, exhaustive list of all evaluations which the MSBA may use in determining whether items are eligible for reimbursement by the MSBA. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimates generated by the District using this template.

- Does not include any potentially eligible contingency funds and is subject to review and audit by the MSBA.
- The proposed demolition of the _____ School is expected to result in the MSBA receiving a portion of state funds previously allocated to the District for the project at _____ Middle School. The MSBA is providing this information for informational purposes based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimated cost recovery generated by the District and its consultants using this template.

Total Project Budget

FR MSS C

Insert City/Town School Building Committee Reviewed on: Insert Date of SBC Review Date

Insert School Name	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant	Estimated Maximum Total Facilities Grant	Review Date
Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(5)					
1 Feasibility Study Agreement	\$0		\$185,000		
2 OPM Feasibility Study	\$425,000		\$425,000		
3 A&E Feasibility Study	\$104,000		\$104,000		
4 Environmental & Site	\$36,000		\$36,000		
5 Other	\$0		\$0		
6 Feasibility Study Agreement Subtotal	\$760,000		\$760,000	\$389,004	
7 Administration	\$50,000		\$50,000	\$0	
8 Legal Fees	\$3,813,966		\$3,813,966	\$2,513,160	
9 Owner's Project Manager	\$0		\$0	\$0	
10 Design Development	\$0		\$0	\$0	
11 Construction Contract Documents	\$0		\$0	\$0	
12 Bidding	\$0		\$0	\$0	
13 Construction Contract Administration	\$0		\$0	\$0	
14 Closeout	\$0		\$0	\$0	
15 Extra Services	\$0		\$0	\$0	
16 Reimbursable & Other Services	\$0		\$0	\$0	
17 Cost Estimates	\$0		\$0	\$0	
18 Advertising	\$0		\$0	\$0	
19 Permitting	\$0		\$0	\$0	
20 Other Administrative Costs	\$0		\$0	\$0	
21 Owner's Insurance	\$0		\$0	\$0	
22 Administration Subtotal	\$3,863,966	\$1,350,806	\$2,513,160	\$1,303,505	
23 Architecture and Engineering	\$7,433,029	\$149,000	\$7,284,029		
24 Design Development	\$0		\$0	\$0	
25 Construction Contract Documents	\$0		\$0	\$0	
26 Bidding	\$0		\$0	\$0	
27 Construction Contract Administration	\$0		\$0	\$0	
28 Construction Contract Administration	\$0		\$0	\$0	
29 Other Basic Services	\$0		\$0	\$0	
30 Construction Contract Administration	\$0		\$0	\$0	
31 Basic Services Subtotal	\$7,433,029	\$149,000	\$7,284,029		
32 Reimbursable Services	\$0		\$0	\$0	
33 Construction Testing	\$0		\$0	\$0	
34 Printing (over minimum)	\$0		\$0	\$0	
35 Other Reimbursable Costs	\$0		\$0	\$0	
36 Hazardous Materials	\$0		\$0	\$0	
37 Geotech & Geo-Env.	\$0		\$0	\$0	
38 Site Survey	\$0		\$0	\$0	
39 Wetlands	\$0		\$0	\$0	
40 Traffic Studies	\$0		\$0	\$0	
41 Architecture/Engineering Subtotal	\$7,433,029	\$149,000	\$7,284,029	\$3,776,021	
42 Civil & Risk Remediation Services	\$225,000		\$225,000	\$116,701	
43 Site Acquisition	\$0		\$0	\$0	
44 Land Building Purchase	\$0		\$0	\$0	
45 Appraisal Fees	\$0		\$0	\$0	
46 Recording Fees	\$0		\$0	\$0	
47 Other	\$0		\$0	\$0	
48 Site Acquisition Subtotal	\$225,000		\$225,000	\$116,701	
49 Construction	\$49,092,616		\$49,092,616		
50 SUBSTRUCTURE	\$0		\$0	\$0	
51 Foundation	\$0		\$0	\$0	
52 Basement Construction	\$0		\$0	\$0	
53 SHELL	\$0		\$0	\$0	
54 Superstructure	\$0		\$0	\$0	
55 Exterior Closure	\$0		\$0	\$0	
56 Exterior Walls	\$0		\$0	\$0	
57 Exterior Windows	\$0		\$0	\$0	
58 Exterior Doors	\$0		\$0	\$0	
59 Roofing	\$0		\$0	\$0	
60 INTERIORS	\$0		\$0	\$0	
61 Interior Construction	\$0		\$0	\$0	
62 Staircases	\$0		\$0	\$0	
63 Interior Finishes	\$0		\$0	\$0	
64 SERVICES	\$0		\$0	\$0	
65 Conveying Systems	\$0		\$0	\$0	
66 Plumbing	\$0		\$0	\$0	
67 HVAC	\$0		\$0	\$0	
68 Fire Protection	\$0		\$0	\$0	
69 Electrical	\$0		\$0	\$0	
70 EQUIPMENT & FURNISHINGS	\$0		\$0	\$0	
71 Equipment	\$0		\$0	\$0	

ProRated 20% Exclusion
 \$0 -Administration
 \$0 -AE Services
 \$0 -Miscellaneous Proj Costs
 \$10,772,190 Sum of Three Soft Costs
 Eligible Soft Costs Category
 \$2,734,160 -Administration
 \$7,813,029 -AE Services
 \$225,000 -Miscellaneous Proj Costs
 \$1,546,000 FFE
 \$12,318,190 Total Eligible Soft Costs

Not included in this calculation Owners Contingency
 \$1,350,806

Construction Costs associated with Soft Cost Cap Calculation
 Estimated Budget \$3,863,966
 Construction Costs \$2,513,160
 \$77,090,294
 \$77,090,294
 \$225,000
 \$77,090,294

Construction Costs
 \$225,000 -CM Preconstruction services
 \$7,090,294 -Construction Cost
 \$77,090,294 -Construction Contingency
 20% Soft Cost Allowance
 \$15,463,059 Reimbursable Soft Cost
 \$3,144,869 Eligible minus Reimbursable
 \$4 Eligible minus Reimbursable is negative OK.
 \$4 Eligible minus Reimbursable is positive enter value into Soft Costs that exceed 20% of Construction Cost below in the ineligible column.

Construction Budget \$77,090,294
 Eligible Fees \$2,698,160
 OPM Value @ 5.19% \$2,698,160
 Extra Services \$36,000
 Designer Value @ 10.00% Value > 10% \$7,709,029
 Extra Services \$104,000
 Designer Value @ 0.13% \$7,709,029

FR MSS C

Total Project Budget

Insert City/Town Name: _____ Insert Date of SBC Review Date: _____

School Building Committee Reviewed on: _____

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Total Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
72	Furnishings	\$0			
73	SPECIAL CONSTRUCTION & DEMOLITION				
74	Special Construction	\$0			
75	Existing Building Demolition	\$555,744			
76	In-Bldg. Hazardous Material Abatement	\$1,249,360			
77	Asbestos Cont'g Floor Mat'l Abatement	\$0			
78	Other Hazardous Material Abatement	\$0			
79	BUILDING SITEWORK				
80	Site Preparation	\$6,722,806			
81	Site Improvements	\$0			
82	Site Civil / Mechanical Utilities	\$0			
83	Site Electrical Utilities	\$0			
84	Other Site Construction	\$0			
85	Scope Excluded Site Cost	\$0			
86	Construction Trades Subtotal	\$57,620,526	\$2,795,397	\$2,795,397	
87	Contingencies (Design and Pricing)	\$0			
88	D/B/B Sub-Contractor Bonds	\$0			
89	D/B/B Insurance	\$0			
90	D/B/B General Conditions	\$0			
91	D/B/B Overhead & Profit	\$0			
92	GMP Insurance	\$9,019,482			
93	GMP Fee	\$0			
94	GMP Contingency	\$0			
95	Escalation to Mid-Point of Construction	\$10,450,286	\$606,984	\$606,984	
96	Overall Excluded Construction Cost	\$0	\$37,793,476	\$37,793,476	
97	Construction Budget	\$77,090,294	\$41,633,427	\$35,556,867	\$18,442,945
98	Alternates	\$0			
99	Ineligible Work Included in the Base Project	\$0			
100	Alternates Included in the Total Project Budget	\$0			
101	Alternates Excluded from the Total Project Budget	\$0			
102	Subtotal to be Included in Total Project Budget	\$0			
103	Miscellaneous Project Costs				
104	Utility Company Fees	\$0			
105	Testing Services	\$225,000			
106	Swing Space / Modules	\$200,000	\$225,000	\$225,000	
107	Other Project Costs (Moving & Moving)	\$100,000	\$100,000	\$100,000	
108	Misc. Project Costs Subtotal	\$525,000	\$300,000	\$225,000	\$116,701
109	Furniture and Equipment				
110	Furniture	\$1,417,350	\$643,350	\$774,000	
111	Technology	\$1,417,350	\$643,350	\$774,000	
112	FF&E Subtotal	\$2,834,700	\$1,286,700	\$1,548,000	\$801,867
113	Soft Costs that exceed 20% of Construction Cost	\$0			
114	Project Budget	\$92,721,990	\$44,621,933	\$48,100,057	\$249,481,43.39

Board Authorization	Design Enrollment	645
Total Building Gross Floor Area (GSF)	145,685	
Total Project Budget (excluding Contingencies)	\$92,721,990	
Scope Items Excluded or Otherwise Ineligible	\$44,621,933	
Third Party Funding (Ineligible)	\$0	
Estimated Basis of Maximum Total Facilities Grant ¹	\$48,100,057	
Reimbursement Rate	51.87%	
Est. Max. Total Facilities Grant (before recovery) ¹	\$24,948,143	
Cost Recovery ²	\$0	
Estimated Maximum Total Facilities Grant ¹	\$24,948,143	

48.27 Reimbursement Rate Before Incentive Points	3.60 Total Incentive Points
48.27	3.60
MSBA Reimbursement Rate	51.87%

NOTES
 This template was prepared by the MSBA as a tool to assist Districts and consultants in understanding MSBA policies and practices regarding potential impact on the MSBA's calculation of its potential basis of Total Facilities Grant, and potential total maximum which the MSBA may use in determining whether items are eligible for reimbursement by the MSBA. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimates generated by the District using this template.
 1. Does not include any potentially eligible contingency funds and is subject to review and audit by the MSBA.
 2. The proposed demolition of the _____ School is expected to result in the MSBA recovering a portion of state funds previously paid to the District for the _____ project at the existing facilities completed in _____. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimated cost recovery generated by the District, and its consultants using this template.
 3. "Potentially Eligible" Contingency³
 4. Owner's Contingency³
 5. Ineligible Owner's Contingency³

Site Cost Reimbursement =	8.0%	Eligible Site Costs	Eligible Site Costs
Direct Site Cost	Excluded	\$6,722,806	\$6,722,806
Direct Building Cost		\$0	\$0
Scope Excluded Site Cost		\$3,927,409	\$3,927,409
If Eligible minus Reimbursable is negative OK. No ineligible needed		\$2,795,397	\$2,795,397
If Eligible minus Reimbursable is positive enter value into Scope Excluded Site Cost		\$0	\$0

Construction Cost Reimbursement	0.00%	% of Trades	\$529	Total \$/sf
\$555,744 Eligible Demo	0.00%	% of Trades	\$	357.27
\$1,249,360 Eligible Abatement	0.00%	% of Trades		
\$1,805,104 Total Eligible Demo & Abatement	0.00%	% of Trades		
D&P	0.00%	% of Trades		
Bonds	0.00%	% of Trades		
Insurance	0.00%	% of Trades		
Gen Cond	0.00%	% of Trades		
O&P	0.00%	% of Trades		
GMP Ins	15.65%	% of Trades		
GMP Fee	0.00%	% of Trades		
GMP Cont	0.00%	% of Trades		
Escalation	18.14%	% of Cumulative sum of Trades and Markups		
Marked Up Demo & Abatement				
\$2,415,042				
\$35,556,867 Eligible Construction Cost				
Proposed GSF: Manually enter eligible area if less than total area				
333				
Reimbursable Construction Cost for New Construction \$/sf (subject to change)				
\$33,141,825				
Reimbursable Construction Cost				
\$2,415,042				
Marked Demo & Abatement				
\$35,556,867				
Reimbursable Construction Cost				
\$0				

Enrollment	Reimbursable Amount	Est'd Budget	Ineligible*
645	\$774,000	\$1,417,350	\$643,350
645	\$774,000	\$1,417,350	\$643,350

1.00 (0-2) Maintenance	0.00 (0-1) CM @ Risk	0.00 (0-6) Newly Formed Regional School District	0.60 (0-5) Major Reconstruction or Reno/Reuse type in rounded to 2 decimal places
1.00	0.00	0.00	0.60
17,400 gsf	17,400 gsf	17,400 gsf	17,400 gsf
Renovated or Existing to Remain	Renovated or Existing to Remain	Renovated or Existing to Remain	Renovated or Existing to Remain
0.00 (0-1) Overlay Zoning 40R and 40S	0.00 (0-0.5) Overlay Zoning 100 units or 50% of units 1,2, or 3 family structures	2.00 (0-2) Energy Efficiency - "Green Schools"	0.00 (5) Model Schools
0.00	0.00	2.00	0.00
3.60 Total Incentive Points			

FR MSS C

Total Project Budget

Insert City/Town Insert School Name	School Building Committee Reviewed on:	Insert Date of SBC Review Date
Insert City/Town Insert School Name	School Building Committee Reviewed on:	Insert Date of SBC Review Date
Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(6)	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹
Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(6)	Estimated Budget	Estimated Maximum Total Facilities Grant ¹
132 Potentially Eligible ² Owner's Contingency ³	\$156,317	
133 Total Potentially Eligible Contingency ²	\$927,220	
134 Reimbursement Rate	51.87%	
135 Potential Additional Contingency Grant Funds ³	\$480,923	
136 Maximum Total Facilities Grant	\$25,429,066	
137 Total Project Budget	\$97,589,360	
Estimated MSBA Share	\$25,429,066	
Estimated District Share	\$72,160,294	\$0 TEST
	\$97,589,360	\$0 TEST

3. Pursuant to Section 3.20 of the Project Funding Agreement and the applicable policies and guidelines of the Authority, any project costs associated with the reallocation or transfer of funds from either the Owner's contingency or the Construction contingency to the project are eligible for reimbursement by the Authority. All costs are subject to review and audit by the MSBA.

OPTION 6 HS - 645

Total Project Budget

Insert City/Town _____ Insert School Name _____ Insert Date of SBC _____ Review Date _____

School Building Committee Reviewed on: _____

Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(5)		Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
1	Feasibility Study Agreement	\$205,000	\$0	\$205,000	\$0
2	OPM Feasibility Study	\$456,000	\$0	\$456,000	\$0
3	A&E Feasibility Study	\$59,000	\$0	\$59,000	\$0
4	Environmental & Site	\$30,000	\$0	\$30,000	\$0
5	Other	\$750,000	\$0	\$750,000	\$384,525
6	Feasibility Study Agreement Subtotal				\$384,525
7	Administration	\$50,000	\$50,000	\$0	\$0
8	Legal Fees	\$50,000	\$50,000	\$0	\$0
9	Owner's Project Manager	\$2,701,726	\$307,446	\$1,794,280	\$0
10	Design Development	\$0	\$0	\$0	\$0
11	Construction Contract Documents	\$0	\$0	\$0	\$0
12	Bidding	\$0	\$0	\$0	\$0
13	Construction Contract Administration	\$0	\$0	\$0	\$0
14	Closeout	\$0	\$0	\$0	\$0
15	Extra Services	\$0	\$0	\$0	\$0
16	Reimbursable & Other Services	\$0	\$0	\$0	\$0
17	Cost Estimates	\$0	\$0	\$0	\$0
18	Advertising	\$0	\$0	\$0	\$0
19	Permitting	\$0	\$0	\$0	\$0
20	Owner's Insurance	\$0	\$0	\$0	\$0
21	Other Administrative Costs	\$0	\$0	\$0	\$0
22	Administration Subtotal	\$2,751,726	\$957,446	\$1,794,280	\$919,827
23	Architecture and Engineering				
24	Basic Services				
25	Design Development	\$5,450,229	\$194,000	\$5,256,229	\$0
26	Construction Contract Documents	\$0	\$0	\$0	\$0
27	Bidding	\$0	\$0	\$0	\$0
28	Construction Contract Administration	\$0	\$0	\$0	\$0
29	Closeout	\$0	\$0	\$0	\$0
30	Other Basic Services	\$0	\$0	\$0	\$0
31	Basic Services Subtotal	\$5,450,229	\$194,000	\$5,256,229	\$0
32	Reimbursable Services	\$0	\$0	\$0	\$0
33	Construction Testing	\$0	\$0	\$0	\$0
34	Printing (over minimum)	\$0	\$0	\$0	\$0
35	Other Reimbursable Costs	\$0	\$0	\$0	\$0
36	Hazardous Materials	\$0	\$0	\$0	\$0
37	Geotech & Geo-Env.	\$0	\$0	\$0	\$0
38	Site Survey	\$0	\$0	\$0	\$0
39	Wetlands	\$0	\$0	\$0	\$0
40	Traffic Studies	\$0	\$0	\$0	\$0
41	Architectural/Engineering Subtotal	\$5,450,229	\$194,000	\$5,256,229	\$2,694,869
42	CM & Risk Preconstruction Services				
43	Pre-Construction Services	\$225,000	\$0	\$225,000	\$115,358
44	Site Acquisition	\$0	\$0	\$0	\$0
45	Land / Building Purchase	\$0	\$0	\$0	\$0
46	Appraisal Fees	\$0	\$0	\$0	\$0
47	Recording Fees	\$0	\$0	\$0	\$0
48	Site Acquisition Subtotal	\$0	\$0	\$0	\$0
49	Construction Costs				
50	SUBSTRUCTURE	\$34,971,444			
51	Foundations	\$0	\$0	\$0	\$0
52	Basement Construction	\$0	\$0	\$0	\$0
53	SHELL	\$0	\$0	\$0	\$0
54	Super Structure	\$0	\$0	\$0	\$0
55	Exterior Closure	\$0	\$0	\$0	\$0
56	Exterior Walls	\$0	\$0	\$0	\$0
57	Exterior Windows	\$0	\$0	\$0	\$0
58	Exterior Doors	\$0	\$0	\$0	\$0
59	Roofing	\$0	\$0	\$0	\$0
60	INTERIORS				
61	Interior Construction	\$0	\$0	\$0	\$0
62	Staircases	\$0	\$0	\$0	\$0
63	Interior Finishes	\$0	\$0	\$0	\$0
64	SERVICES				
65	Conveying Systems	\$0	\$0	\$0	\$0
66	Plumbing	\$0	\$0	\$0	\$0
67	HVAC	\$0	\$0	\$0	\$0
68	Fire Protection	\$0	\$0	\$0	\$0
69	Electrical	\$0	\$0	\$0	\$0
70	EQUIPMENT & FURNISHINGS				
71	Equipment	\$0	\$0	\$0	\$0

Category	Construction Costs	Estimated Budget	Excluded	Not Included
ProRated 20% Exclusion				
\$0 -Administration				
\$0 -A/E Services				
\$0 -Miscellaneous Proj Costs				
\$8,000,510 Sum of Three Soft Costs				
Eligible Soft Costs				
\$2,029,280 -Administration		\$2,029,280	\$957,446	
\$5,771,229 -A/E Services		\$5,771,229	\$194,000	
\$450,000 -Miscellaneous Proj Costs		\$450,000	Ineligible therefore not included in calculation	
\$1,548,000 FFE		\$1,548,000		
Not included in this calculation Owners Contingency				
\$9,548,510 Total Eligible Soft Costs				
Construction Costs associated with Soft Cost Cap Calculation				
Construction Costs		\$225,000		
\$225,000 -CM Preconstruction services		\$225,000		
\$57,122,295 -Construction Cost		\$57,122,295		
Not included in this calculation -Construction Contingency				
\$57,347,295 Total Construction Cost				
20% Soft Cost Allowance				
\$11,469,459 Reimbursable Soft Cost				
-\$1,920,949 Eligible minus Reimbursable				
-If Eligible minus Reimbursable is negative OK.				
-If Eligible minus Reimbursable is positive enter value into Soft Costs that exceed 20% of Construction Cost below in the Ineligible column.				
Construction Budget	\$57,122,295			
OPM Services				
Basic Services	\$2,906,726	\$1,999,280	5.09%	OPM Value @ 3.50%
Extra Services	\$30,000		0.05%	\$1,999,280
Designer Services				Designer Value @ 10.00%
Basic Services	\$5,906,229	\$5,712,229	10.34%	\$5,712,229
Extra Services	\$59,000		0.10%	\$0

Total Project Budget

OPTION 6 HS - 645

School Building Committee Reviewed on:

Insert City/Town
Insert School Name

Insert Date of SBC
Review Date

Total Project Budget: All costs associated with the project are subject to 963 CMR 2.7(65)		Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
72	Furnishings	\$0	\$0	\$0	\$0
73	SPECIAL CONSTRUCTION & DEMOLITION	\$0	\$0	\$0	\$0
74	Special Construction	\$0	\$0	\$0	\$0
75	Existing Building Demolition	\$555,744	\$555,744	\$555,744	\$555,744
76	In-Bldg. Hazardous Material Abatement	\$1,249,360	\$1,249,360	\$1,249,360	\$1,249,360
77	Asbestos Cont'g Floor Mat (Abatement)	\$0	\$0	\$0	\$0
78	Other Hazardous Material Abatement	\$0	\$0	\$0	\$0
79	BUILDING SITEWORK	\$0	\$0	\$0	\$0
80	Site Preparation	\$5,919,056	\$5,919,056	\$5,919,056	\$5,919,056
81	Site Improvements	\$0	\$0	\$0	\$0
82	Site Civil / Mechanical Utilities	\$0	\$0	\$0	\$0
83	Site Electrical Utilities	\$0	\$0	\$0	\$0
84	Other Site Construction	\$0	\$0	\$0	\$0
85	Scope Excluded Site Cost	\$0	\$0	\$0	\$0
86	Construction Trades Subtotal	\$42,695,604	\$4,926,445	\$31,143,825	\$31,143,825
87	Contingencies (Design and Pricing)	\$0	\$0	\$0	\$0
88	D/B/B Sub-Contractor Bonds	\$0	\$0	\$0	\$0
89	D/B/B Insurance	\$0	\$0	\$0	\$0
90	D/B/B General Conditions	\$0	\$0	\$0	\$0
91	D/B/B Overhead & Profit	\$0	\$0	\$0	\$0
92	GMP Insurance	\$6,683,247	\$771,148	\$5,912,099	\$5,912,099
93	GMP Fee	\$0	\$0	\$0	\$0
94	GMP Contingency	\$0	\$0	\$0	\$0
95	Escalation to Mid-Point of Construction	\$7,743,443	\$893,479	\$6,850,000	\$6,850,000
96	Overall Excluded Construction Cost	\$0	\$19,387,397	\$19,387,397	\$19,387,397
97	Construction Budget	\$57,122,295	\$25,976,470	\$31,143,825	\$31,143,825
98	Alternates	\$0	\$0	\$0	\$0
99	Ineligible Work Included in the Base Project	\$0	\$0	\$0	\$0
100	Alternates Included in the Total Project Budget	\$0	\$0	\$0	\$0
101	Alternates Excluded from the Total Project Budget	\$0	\$0	\$0	\$0
102	Subtotal to be Included in Total Project Budget	\$0	\$0	\$0	\$0
103	Miscellaneous Project Costs	\$0	\$0	\$0	\$0
104	Utility Company Fees	\$0	\$0	\$0	\$0
105	Testing Services	\$200,000	\$0	\$200,000	\$200,000
106	Swing Space / Modules	\$150,000	\$150,000	\$150,000	\$150,000
107	Other Project Costs (Mailings & Moving)	\$100,000	\$100,000	\$100,000	\$100,000
108	Misc. Project Costs Subtotal	\$450,000	\$250,000	\$200,000	\$200,000
109	Furnishings and Equipment	\$0	\$0	\$0	\$0
110	Furniture, Fixtures and Equipment	\$1,064,250	\$290,250	\$774,000	\$774,000
111	Technology	\$1,064,250	\$290,250	\$774,000	\$774,000
112	FF&E Subtotal	\$2,128,500	\$580,500	\$1,548,000	\$1,548,000
113	Soft Costs that exceed 20% of Construction Cost	\$0	\$0	\$0	\$0
114	Project Budget	\$68,877,751	\$27,960,416	\$40,917,335	\$40,917,335
115	Board Authorization	645	48.27	Reimbursement Rate Before Incentive Points	2097837.61
116	Design Enrollment	645	3.00	Total Incentive Points	48.27
117	Total Building Gross Floor Area (GSF)	93,525	51.27%	MSBA Reimbursement Rate	48.27
118	Total Project Budget (excluding Contingencies)	\$68,877,751			
119	Scope Items Excluded or Otherwise Ineligible	\$27,960,416			
120	Third Party Funding (Ineligible)	\$0			
121	Estimated Basis of Maximum Total Facilities Grant ¹	\$40,917,335			
122	Reimbursement Rate	51.27%			
123	Est. Max. Total Facilities Grant (before recovery) ¹	\$20,978,318			
124	Cost Recovery ²	\$0			
125	Estimated Maximum Total Facilities Grant ¹	\$20,978,318			
126	Construction Contingency ³	\$2,856,115			
127	Ineligible Construction Contingency ³	\$2,284,892			
128	"Potentially Eligible" Construction Contingency ³	\$571,223			
129	Owner's Contingency ³	\$87,773			
130	Ineligible Owner's Contingency ³	\$470,218			
131					

Site Cost Reimbursement = 8.0%

Direct Site Cost Excluded \$0 Eligible Site Costs \$5,919,056

Direct Building Cost Excluded \$34,971,444 Eligible Site Costs \$2,797,716

Scope Excluded Site Cost \$3,121,341 Reimbursable Site Cost \$3,121,341

If Eligible minus Reimbursable is negative OK. No ineligible needed

If Eligible minus Reimbursable is positive enter value into Scope Excluded Site Cost

Construction Cost Reimbursement

\$0	Eligible Demo		
\$0	Eligible Abatement		
\$0	Total Eligible Demo & Abatement		
\$0	D&P	0.00%	% of Trades
\$0	Bonds	0.00%	% of Trades
\$0	Insurance	0.00%	% of Trades
\$0	Gen Cond	0.00%	% of Trades
\$0	O&P	0.00%	% of Trades
\$0	GMP Ins	15.65%	% of Trades
\$0	GMP Fee	0.00%	% of Trades
\$0	GMP cont.	0.00%	% of Trades
\$0	Escalation	18.14%	% of Cumulative sum of Trades and Markups
\$0	Marked Up Demo & Abatement		
\$31,143,825	Eligible Construction Cost		\$611 Total \$/sf
\$333	Reimbursable Construction Cost for New Construction \$/sf (subject to change)		\$333.00 Eligible \$/sf
\$31,143,825	Reimbursable Construction Cost		
\$0	Marked Demo & Abatement		
\$31,143,825	Reimbursable Construction Cost		
\$0	Eligible Minus Reimbursable		
\$0	Eligible Minus Reimbursable		

FFE Reimbursement

\$1,200	/student	Enrollment	Reimbursable Amount	Est'd Budget	Ineligible*
\$1,200	/student	645	\$774,000	\$1,064,250	-\$290,250
\$1,200	/student	645	\$774,000	\$1,064,250	-\$290,250

*If Ineligible is \$0 or negative OK.

If Ineligible Amount is positive enter value for each into Scope Excluded Cost.

1.00 (0-2) Maintenance

0.00 (0-1) CM @ Risk

0.00 (0-6) Newly Formed Regional School District

0.00 (0-5) Major Reconstruction or Reno/Reuse type in rounded to 2 decimal places

0.00

0 gsf Renovated or Existing to Remain

98,201 gsf Total at Conclusion of Project

0.00 (0-1) Overlay Zoning 40R and 40S

0.00 (0-0.5) Overlay Zoning 100 units or 50% of units 1, 2, or 3 family structures

2.00 (0-2) Energy Efficiency - "Green Schools"

0.00 (5) Model Schools

3.00 Total Incentive Points

NOTES

This template was prepared by the MSBA as a tool to assist Districts and consultants in understanding MSBA policies and practices regarding potential impact on the MSBA's calculation of a potential Basis of Total Facilities Grant and potential Total Maximum Facilities Grant. This template does not contain a final, exhaustive list of all evaluations which the MSBA may use in determining whether items are eligible for reimbursement by the MSBA. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimates generated by the District using this template.

1. Does not include any potentially eligible contingency funds and is subject to review and audit by the MSBA.

2. The proposed demolition of the School is expected to result in the MSBA receiving a portion of sales tax proceeds to the District for the project at the same time as the demolition of the school. The MSBA will provide estimates based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimated cost recovery generated by the District and its consultants using this template.

OPTION 6 HS - 645

Total Project Budget

Insert City/Town: _____ Insert Date of SBC: _____
 Insert School Name: _____ School Building Committee Reviewed on: _____ Review Date: _____

	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
132				
133	\$117,555			
134	\$888,778			
135	51.27%			
136	\$353,136			
137	\$21,331,454			
	\$72,321,638			
	\$21,331,454			
	\$50,990,184			\$0 TEST
	\$72,321,638			\$0 TEST

¹ Pursuant to Section 3.20 of the Project Funding Agreement and the applicable policies and guidelines of the Authority, any project costs associated with the reallocation or transfer of funds from either the Owner's contingency or the Construction contingency to other budget line items shall be subject to review by the Authority to determine whether any such costs are eligible for reimbursement by the Authority. All costs are subject to review and audit by the MSBA.

FR HS B

Total Project Budget

Insert City/Town: _____ Insert Date of SBC: _____
 Insert School Name: _____ Review Date: _____

School Building Committee Reviewed on: _____

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Total Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
72	Furnishings	\$0			
73	SPECIAL CONSTRUCTION & DEMOLITION				
74	Special Construction	\$0			
75	Existing Building Demolition	\$555,744		\$555,744	
76	In-Bldg. Hazardous Material Abatement	\$1,249,360		\$1,249,360	
77	Asbestos Cont'g Floor Mat'l Abatement	\$0			
78	Other Hazardous Material Abatement	\$0			
79	BUILDING SITEWORK				
80	Site Preparation	\$6,189,056		\$6,189,056	
81	Site Improvements	\$0			
82	Site Civil / Mechanical Utilities	\$0			
83	Site Electrical Utilities	\$0			
84	Other Site Construction	\$0			
85	Scope Excluded Site Cost	\$0			
86	Construction Trades Subtotal	\$45,095,604	\$3,220,941	\$3,220,941	
87	Contingencies (Design and Pricing)	\$0	\$5,026,045	\$5,026,045	
88	D/B/B Sub-Contractor Bonds	\$0			
89	D/B/B Insurance	\$0			
90	D/B/B General Conditions	\$0			
91	D/B/B Overhead & Profit	\$7,058,925	\$786,739	\$786,739	
92	GMP Insurance	\$0			
93	GMP Fee	\$0			
94	GMP Contingency	\$0			
95	Escalation to Mid-Point of Construction	\$8,178,717	\$0	\$0	
96	Overall Excluded Construction Cost	\$20,467,094	\$27,191,421	\$27,191,421	
97	Construction Budget	\$60,353,246		\$33,141,825	\$16,991,514
98	Alternates				
99	Ineligible Work Included in the Base Project	\$0			
100	Alternates Included in the Total Project Budget	\$0			
101	Alternates Excluded from the Total Project Budget	\$0			
102	Subtotal to be Included in Total Project Budget	\$0		\$0	\$0
103	Miscellaneous Project Costs				
104	Utility Company Fees	\$0			
105	Testing Services	\$200,000		\$0	
106	Swing Space / Modules	\$150,000	\$200,000	\$200,000	
107	Other Project Costs (Mailing & Moving)	\$100,000	\$150,000	\$150,000	
108	Misc. Project Costs Subtotal	\$450,000	\$250,000	\$250,000	\$102,540
109	Furniture and Equipment				
110	Furniture	\$1,161,600	\$387,600	\$387,600	
111	Technology	\$1,161,600	\$387,600	\$387,600	
112	FF&E Subtotal	\$2,323,200	\$775,200	\$775,200	\$793,660
113					
114	Soft Costs that exceed 20% of Construction Cost	\$0			
115	Project Budget	\$72,781,099	\$29,432,286	\$43,348,813	\$222,493,565

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Total Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
116	Board Authorization				
117	Design Enrollment	645			
118	Total Building Gross Floor Area (GSF)	93,525			
119	Total Project Budget (excluding Contingencies)	\$72,781,099			
120	Scope Items Excluded or Otherwise Ineligible	\$29,432,286			
121	Third Party Funding (Ineligible)	\$0			
122	Estimated Basis of Maximum Total Facilities Grant ¹	\$43,348,813			
123	Reimbursement Rate	51.27%			
124	Est. Max. Total Facilities Grant (before recovery) ¹	\$22,224,937			
125	Cost Recovery ²	\$0			
126	Estimated Maximum Total Facilities Grant ¹	\$22,224,937			

48.27 Reimbursement Rate Before Incentive Points
 3.00 Total Incentive Points
 51.27% MSBA Reimbursement Rate

NOTES
 This template was prepared by the MSBA as a tool to assist districts and consultants in understanding MSBA policies and practices regarding potential impact on the MSBA's calculation of its potential basis of total facilities grant, and potential total maximum reimbursement rate. The MSBA may use its own information and estimates for reimbursement which the MSBA may use in determining whether items are eligible for reimbursement by the MSBA. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimates generated by the District using this template.

1. Does not include any potentially eligible contingency funds and is subject to review and audit by the MSBA.
 2. The proposed demolition of the _____ School is expected to result in the MSBA recovering a portion of state funds previously paid to the District for the _____ project at the existing facilities completed in _____. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimated cost recovery generated by the District, and its consultants using this template.

Site Cost Reimbursement =	Excluded	Eligible Site Costs
Direct Site Cost	\$6,189,056	\$6,189,056
Direct Building Cost	\$0	\$2,968,116
Scope Excluded Site Cost	\$3,220,941	\$0
Reimbursable Site Cost	\$0	\$333,000
Eligible minus Reimbursable is negative OK. No ineligible needed		
If Eligible minus Reimbursable is positive enter value into Scope Excluded Site Cost		

Construction Cost Reimbursement	Eligible	Reimbursable	Total \$/sf
\$0 Eligible Demo			
\$0 Eligible Abatement			
\$0 Total Eligible Demo & Abatement			
\$0 D&P	0.00%	% of Trades	\$645
\$0 Bonds	0.00%	% of Trades	\$0
\$0 Insurance	0.00%	% of Trades	\$333.00
\$0 Gen Cond	0.00%	% of Trades	\$0
\$0 O&P	0.00%	% of Trades	\$0
\$0 GMP Ins	15.65%	% of Trades	\$0
\$0 GMP Fee	0.00%	% of Trades	\$0
\$0 GMP cont	0.00%	% of Trades	\$0
\$0 Escalation	18.14%	% of Cumulative sum of Trades and Markups	\$0
\$0 Marked Up Demo & Abatement			
\$33,141,825 Eligible Construction Cost			
99,525 Proposed GSF; Manually enter eligible area if less than total area			
\$ 333 Reimbursable Construction Cost for New Construction \$/sf (subject to change)			
\$ 33,141,825 Reimbursable Construction Cost			
\$0 Marked Demo & Abatement			
\$0 Marked Demo & Abatement			
\$ 33,141,825 Reimbursable Construction Cost			
\$0 Eligible Minus Reimbursable			
If Eligible minus Reimbursable is negative OK. No ineligible entry needed			
If Eligible minus Reimbursable is positive enter value into Overall Excluded Construction Cost			

FFE Reimbursement	Eligible	Reimbursable	Est'd Budget	Ineligible*
Funding Limits				
\$1,200 (student)	645	\$774,000	\$1,161,600	-\$387,600
\$1,200 (student)	645	\$774,000	\$1,161,600	-\$387,600
* If Ineligible is \$0 or negative OK				
* If Ineligible Amount is positive enter value for each into Scope Excluded Cost.				

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Total Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
127	Construction Contingency ³	\$3,016,662			
128	Ineligible Construction Contingency ³	\$2,413,330			
129	"Potentially Eligible" Construction Contingency ³	\$603,332			
130	Owner's Contingency ³	\$622,393			
131	Ineligible Owner's Contingency ³	\$497,914			

FR HS B

Total Project Budget

Insert City/Town Insert School Name	School Building Committee Reviewed on:	Insert Date of SBC Review Date
132	Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(6)	
133	"Potentially Eligible" Owner's Contingency ³	
134	Total Potentially Eligible Contingency ³	
135	Reimbursement Rate	
136	Potential Additional Contingency Grant Funds ³	
137	Maximum Total Facilities Grant	
	Total Project Budget	
	Estimated MSBA Share	
	Estimated District Share	
		\$0 TEST
		\$0 TEST

Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible Grant¹

3: Pursuant to Section 3.20 of the Project Funding Agreement and the applicable policies and guidelines of the Authority, any project costs associated with the reallocation or transfer of funds from either the Owner's contingency or the Construction contingency to the project are eligible for reimbursement by the Authority. All costs are subject to review and audit by the MSBA.

FR HS D

Total Project Budget

Insert City/Town _____ Insert School Name _____ Insert Date of SBC _____ Review Date _____

School Building Committee Reviewed on:

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
Total Project Budget: All costs associated with the project are subject to 963 CMR 2.16(5)					
1	Feasibility Study Agreement	\$185,000		\$185,000	\$0
2	OPM Feasibility Study	\$425,000		\$425,000	\$0
3	A&E Feasibility Study	\$104,000		\$104,000	\$0
4	Environmental & Site	\$36,000		\$36,000	\$0
5	Other	\$750,000		\$750,000	\$384,525
6	Feasibility Study Agreement Subtotal				\$384,525
7	Administration	\$50,000		\$50,000	\$0
8	Legal Fees	\$50,000		\$50,000	\$0
9	Owner's Project Manager	\$4,245,012		\$4,245,012	\$0
10	Design Development	\$0	\$1,457,550	\$2,787,462	\$0
11	Construction Contract Documents	\$0	\$0	\$0	\$0
12	Bidding	\$0	\$0	\$0	\$0
13	Construction Contract Administration	\$0	\$0	\$0	\$0
14	Closeout	\$0	\$0	\$0	\$0
15	Extra Services	\$0	\$0	\$0	\$0
16	Reimbursable & Other Services	\$0	\$0	\$0	\$0
17	Cost Estimates	\$0	\$0	\$0	\$0
18	Advertising	\$0	\$0	\$0	\$0
19	Permitting	\$0	\$0	\$0	\$0
20	Owner's Insurance	\$0	\$0	\$0	\$0
21	Other Administrative Costs	\$0	\$0	\$0	\$0
22	Administration Subtotal	\$4,295,012	\$1,507,550	\$2,787,462	\$1,429,132
23	Architecture and Engineering				
24	Basic Services				
25	Design Development	\$8,216,749	\$149,000	\$8,067,749	\$0
26	Construction Contract Documents	\$0	\$0	\$0	\$0
27	Bidding	\$0	\$0	\$0	\$0
28	Construction Contract Administration	\$0	\$0	\$0	\$0
29	Closeout	\$0	\$0	\$0	\$0
30	Other Basic Services	\$0	\$0	\$0	\$0
31	Basic Services Subtotal	\$8,216,749	\$149,000	\$8,067,749	\$0
32	Reimbursable Services	\$0	\$0	\$0	\$0
33	Construction Testing	\$0	\$0	\$0	\$0
34	Printing (over minimum)	\$0	\$0	\$0	\$0
35	Other Reimbursable Costs	\$0	\$0	\$0	\$0
36	Hazardous Materials	\$0	\$0	\$0	\$0
37	Geotech & Geo-Env.	\$0	\$0	\$0	\$0
38	Site Survey	\$0	\$0	\$0	\$0
39	Wetlands	\$0	\$0	\$0	\$0
40	Traffic Studies	\$0	\$0	\$0	\$0
41	Architectural/Engineering Subtotal	\$8,216,749	\$149,000	\$8,067,749	\$4,136,335
42	CM & Risk Preconstruction Services				
43	Pre-Construction Services	\$225,000	\$0	\$225,000	\$115,358
44	Site Acquisition	\$0	\$0	\$0	\$0
45	Land / Building Purchase	\$0	\$0	\$0	\$0
46	Appraisal Fees	\$0	\$0	\$0	\$0
47	Recording Fees	\$0	\$0	\$0	\$0
48	Site Acquisition Subtotal	\$0	\$0	\$0	\$0
49	Construction Costs				
50	SUBSTRUCTURE	\$53,416,152		\$53,416,152	\$0
51	Foundations	\$0	\$0	\$0	\$0
52	Basement Construction	\$0	\$0	\$0	\$0
53	SHELL	\$0	\$0	\$0	\$0
54	Super Structure	\$0	\$0	\$0	\$0
55	Exterior Closure	\$0	\$0	\$0	\$0
56	Exterior Walls	\$0	\$0	\$0	\$0
57	Exterior Windows	\$0	\$0	\$0	\$0
58	Exterior Doors	\$0	\$0	\$0	\$0
59	Roofing	\$0	\$0	\$0	\$0
60	INTERIORS	\$0	\$0	\$0	\$0
61	Interior Construction	\$0	\$0	\$0	\$0
62	Staircases	\$0	\$0	\$0	\$0
63	Interior Finishes	\$0	\$0	\$0	\$0
64	SERVICES	\$0	\$0	\$0	\$0
65	Conveying Systems	\$0	\$0	\$0	\$0
66	Plumbing	\$0	\$0	\$0	\$0
67	HVAC	\$0	\$0	\$0	\$0
68	Fire Protection	\$0	\$0	\$0	\$0
69	Electrical	\$0	\$0	\$0	\$0
70	EQUIPMENT & FURNISHINGS	\$0	\$0	\$0	\$0
71	Equipment	\$0	\$0	\$0	\$0

ProRated 20% Exclusion	\$0 -Administration
	\$0 -A/E Services
	\$0 -Miscellaneous Proj Costs
	\$11,880,211 Sum of Three Soft Costs
Eligible Soft Costs	Category
	\$3,008,482 -Administration
	\$8,596,749 -A/E Services
Not included in this calculation -Site Acquisition	
	\$275,000 -Miscellaneous Proj Costs
	\$1,557,000 FFE
Not included in this calculation Owners Contingency	
	\$13,437,211 Total Eligible Soft Costs

Soft Cost Reimbursement	Estimated Budget	Excluded
	\$4,516,012	\$1,507,550
	\$8,745,749	\$149,000
	\$625,000	\$350,000
	\$3,587,100	\$2,030,100

Construction Costs associated with Soft Cost Cap Calculation	Construction Costs
	\$225,000 -CM Preconstruction services
	\$84,927,488 -Construction Cost
Not included in this calculation -Construction Contingency	
	\$95,152,488 Total Construction Cost
	20% Soft Cost Allowance
	\$17,030,498 Reimbursable Soft Cost

Construction Budget	\$84,927,488
Eligible Fees	\$4,430,012
Extra Services	\$36,000
Designer Value @	10.00%
Extra Services	\$8,641,749
Extra Services	\$104,000

OPM Services	OPM Value @
Basic Services	3.50%
Extra Services	5.22%
Designer Value @	0.04%
Basic Services	10.18%
Extra Services	0.12%

-If Eligible minus Reimbursable is negative OK.
-If Eligible minus Reimbursable is positive enter value into Soft Costs that exceed 20% of Construction Cost below in the Ineligible column.

Total Project Budget

FR HS D

School Building Committee Reviewed on: Insert Date of SBC Review Date

Insert City/Town Insert School Name

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ²	Review Date
72	Furnishings	\$0				
73	SPECIAL CONSTRUCTION & DEMOLITION					
74	Special Construction	\$0				
75	Existing Building Demolition	\$555,744	\$555,744			
76	In-Bldg. Hazardous Material Abatement	\$1,249,360	\$1,249,360			
77	Asbestos Cont'g Floor Mat (Abatement)	\$0				
78	Other Hazardous Material Abatement	\$0				
79	BUILDING SITEWORK					
80	Site Preparation	\$8,257,118				
81	Site Improvements	\$0				
82	Site Civil / Mechanical Utilities	\$0				
83	Site Electrical Utilities	\$0				
84	Other Site Construction	\$0				
85	Scope Excluded Site Cost	\$0	\$3,983,826			
86	Construction Trades Subtotal	\$63,478,374	\$5,789,930			
87	Contingencies (Design and Pricing)	\$0	\$0			
88	D/B/B Sub-Contractor Bonds	\$0	\$0			
89	D/B/B Insurance	\$0	\$0			
90	D/B/B General Conditions	\$0	\$0			
91	D/B/B Overhead & Profit	\$0	\$0			
92	GMP Insurance	\$9,936,425	\$909,155			
93	GMP Fee	\$0	\$0			
94	GMP Contingency	\$0	\$0			
95	Escalation to Mid-Point of Construction	\$11,512,689	\$1,049,903			
96	Overall Excluded Construction Cost	\$0	\$44,040,675			
97	Construction Budget	\$84,927,488	\$51,785,663	\$33,141,825	\$16,991,814	
98	Alternates					
99	Ineligible Work Included in the Base Project	\$0	\$0	\$0	\$0	
100	Alternates Included in the Total Project Budget	\$0	\$0	\$0	\$0	
101	Alternates Excluded from the Total Project Budget	\$0	\$0	\$0	\$0	
102	Subtotal to be Included in Total Project Budget	\$0	\$0	\$0	\$0	
103	Miscellaneous Project Costs					
104	Utility Company Fees	\$0	\$0	\$0	\$0	
105	Testing Services	\$275,000	\$0	\$275,000	\$0	
106	Swing Space / Modules	\$250,000	\$250,000	\$0	\$0	
107	Other Project Costs (Mailings & Moving)	\$100,000	\$100,000	\$0	\$0	
108	Misc. Project Costs Subtotal	\$625,000	\$350,000	\$275,000	\$140,993	
109	Furnishings and Equipment					
110	Furniture, Fixtures and Equipment	\$1,793,550	\$1,019,550	\$774,000	\$0	
111	Technology	\$1,793,550	\$1,010,550	\$783,000	\$0	
112	FF&E Subtotal	\$3,587,100	\$2,030,100	\$1,557,000	\$798,274	
113	Soft Costs that exceed 20% of Construction Cost	\$0	\$0	\$0	\$0	
114	Project Budget	\$102,826,543	\$55,822,313	\$46,804,036	23996429.01	
115	Board Authorization					
116	Design Enrollment	645				
117	Total Building Gross Floor Area (GSF)	93,525				
118	Total Project Budget (excluding Contingencies)	\$102,826,543				
119	Scope Items Excluded or Otherwise Ineligible	\$55,822,313				
120	Third Party Funding (Ineligible)	\$0				
121	Estimated Basis of Maximum Total Facilities Grant ¹	\$46,804,036				
122	Reimbursement Rate	51.27%				
123	Est. Max. Total Facilities Grant (before recovery) ¹	\$23,996,429				
124	Cost Recovery ²	\$23,996,429				
125	Estimated Maximum Total Facilities Grant ²	\$0				
126	Construction Contingency ³	\$4,246,374				
127	Ineligible Construction Contingency ³	\$3,397,100				
128	"Potentially Eligible" Construction Contingency ³	\$849,275				
129	Owner's Contingency ³	\$884,943				
130	Ineligible Owner's Contingency ³	\$707,954				

Line Item	Description	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ²	Review Date
131	Board Authorization					
132	Design Enrollment	645				
133	Total Building Gross Floor Area (GSF)	93,525				
134	Total Project Budget (excluding Contingencies)	\$102,826,543				
135	Scope Items Excluded or Otherwise Ineligible	\$55,822,313				
136	Third Party Funding (Ineligible)	\$0				
137	Estimated Basis of Maximum Total Facilities Grant ¹	\$46,804,036				
138	Reimbursement Rate	51.27%				
139	Est. Max. Total Facilities Grant (before recovery) ¹	\$23,996,429				
140	Cost Recovery ²	\$23,996,429				
141	Estimated Maximum Total Facilities Grant ²	\$0				
142	Construction Contingency ³	\$4,246,374				
143	Ineligible Construction Contingency ³	\$3,397,100				
144	"Potentially Eligible" Construction Contingency ³	\$849,275				
145	Owner's Contingency ³	\$884,943				
146	Ineligible Owner's Contingency ³	\$707,954				

NOTES
 This template was prepared by the MSBA as a tool to assist districts and consultants in understanding MSBA policies and practices regarding potential impact on the MSBA's calculation of a potential Basis of Total Facilities Grant and potential Total Maximum Facilities Grant. This template does not contain a final, exhaustive list of all evaluations which the MSBA may use in determining whether items are eligible for reimbursement by the MSBA. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimates generated by the District using this template.

1. Does not include any potentially eligible contingency funds and is subject to review and audit by the MSBA.
 2. The proposed demolition of the _____ School is expected to result in the MSBA receiving a portion of state funds previously allocated to the District for the project at _____ Middle School. The MSBA will review the proposed demolition project at _____ school project that may or may not agree with the estimated cost recovery generated by the District and its consultants using this template.

3. Construction Contingency
 Ineligible Construction Contingency
 "Potentially Eligible" Construction Contingency
 Owner's Contingency
 Ineligible Owner's Contingency

FR HS D

Total Project Budget

Insert City/Town: _____ Insert Date of SBC: _____
 Insert School Name: _____ School Building Committee Reviewed on: _____ Review Date: _____

	Estimated Budget	Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible	Estimated Basis of Maximum Total Facilities Grant ¹	Estimated Maximum Total Facilities Grant ¹
132	\$176,989			
133	\$1,026,263			
134	\$11.27%			
135	\$526,165			
136	\$24,522,594			
137	\$107,757,666			
	\$24,522,594		\$83,235,072	\$0 TEST
	\$83,235,072		\$107,757,666	\$0 TEST

¹ Pursuant to Section 3.20 of the Project Funding Agreement and the applicable policies and guidelines of the Authority, any project costs associated with the reallocation or transfer of funds from either the Owner's contingency or the Construction contingency to other budget line items shall be subject to review by the Authority to determine whether any such costs are eligible for reimbursement by the Authority. All costs are subject to review and audit by the MSBA.