9. PROGRAM OPTIONS

A. SBAB Background

General Comments Regarding SBA Projects:

- 1. As of March 21, 2002, Project Categories have been revised as "List A, List B" and "List C" only.
- 2. The renovation of a building must include either increased enrollment or program upgrade: will be considered a "List C" project.
- 3. The District (System) may, however, submit a Major
 Reconstruction Project in (5) areas: elimination of a structural or
 environmental safety hazard, building accessibility, roof
 replacement or reconstruction, replacement/improvement of a
 heating system or make a building more energy efficient. Interim
 history witnessed the absence of funding for said projects. At the
 present time (2001/02), incentive points are added to a systems
 base percentage for those who submitted projects and did not
 receive funding (reimbursement). Beginning FY03, projects
 submitted become Category C, and are added at the beginning of
 Category C based on their priority category for eventual
 reimbursement funding (additional criteria to be established).
- 4. Major Reconstruction Projects (Category III/C) require a much shorter, less complicated application process. Their placement in Category C per priority rating precludes a lengthy wait and as such applicants must anticipate short bonding periods; a lengthy list of projects and the likelihood that projects would have been bonded and paid prior to first reimbursement and as such must reflect (such) costs in local revenue estimates.
- 5. The SBA program is now a permanent program with no fixed expiration date, i.e., no longer subject to legislative renewal.
- 6. A districts reimbursement vote, if not "grandfathered", i.e. authorized and approved for first payment in FY 2002 (7 Category I and (39) Category II and III) and/or listed on a FY 2001 Priority List (29 Category I and 153 Category II and III) submitted not later than 7/31/2000, or such projects that have received a favorable vote for design or construction by the City Council, Mayor or Town Meeting not later than 12/30/2000 with final project submission for 6/30/2001, are henceforth subject to newly computed percentages of reimbursement.
- 7. Reimbursement rates are based on community factors and incentive points. The base rate is 39 percentage points plus a community income factor, a community property wealth factor, a district poverty factor, project incentive factors and a racial desegregation factor. The incentive factors rest on a maintenance rating, type of construction, innovative community use, energy efficiency, non-state fundraising and use of a construction project

manager. Your percentage is that in effect on the initial date the project is approved by the Commissioner for placement on the waiting list. Prior approved, non-funded major reconstruction projects, will receive 2% points per project, maximum of 4% points FY02 and FY03 – thereafter has yet to be determined.

- 8. A District's potential for projects of renovation, addition or new school would fall into Category A if desegregation or safety is applicable; otherwise Category B (closed 8/30/01). A new Category "C" will include all projects approved after 8/30/01, including non-grandfathered capital construction and all major repair project applications under Chapter 70B. Grants, subject to authorization (funding) ceilings, will first be awarded projects on List A&B until exhausted and in the order they appear per past practice (Ch. 645). Hereafter, projects on List "C" will be assigned one of seven priority categories.

 Projects:
 - (1.) to remedy/replace buildings structurally unsound or jeopardizing the health and safety of school children where no alternative exists;
 - (2.) to eliminate existing severe over-crowing;
 - (3.) to prevent loss of accreditation;
 - (4.) to prevent overcrowding from increased enrollments:
 - (5.) to remedy short term enrollment growth;
 - (6.) to replace/add to obsolete buildings allowing for a full range of programs per state/local requirements;
 - (7.) to provide transition from court-ordered and board approved racial balance districts, to walk-to, or attend other school districts.
 - Low number category or higher number, additional criteria to be added.
 - A project on List "C" more than a year, absent construction, may be subject to update and reevaluation of priority status.
- 9. Any applicant on the project waiting list <u>may</u> commence construction prior to grant award but does so at its own risk. In essence your projects <u>position</u> on the waiting list does <u>not change</u> and your funding commitment remains subject to funding levels and authorizing vote of the Board of Education.
- 10. Our report will include <u>estimated</u>, principal costs ("Turnkey" costs) and, as such, will refer to <u>Bond Issue Costs</u>; these costs include general construction, architect fees, legal and insurance costs, development of site within site boundaries, borings and surveys, equipment and a contingency fund. The cost of acquiring

- a site is <u>not</u> reimbursable by SBA. Not included in Cost Estimates is Debt Service (interest on Anticipation Loans or Bonds).
- 11. Reimbursement of an approved project is predicted on final project costs, including interest, over the life of the bond and paid in annual installments beginning in the fiscal year following Board of Education project authorization (funding) vote. The payment will initially be based on costs as reported in your Form "F", following bid, and will be adjusted at audit to reflect actual approved costs for the remainder of the bond period (i.e., years 4-20).
- 12. State grants for renovation and addition projects have been applied to buildings of steel/masonry construction reflecting a 50-year educational life in the past. Current review by SBA allows consideration of a wood frame structure, if when provided a steel frame and earthquake provisions, such action does not exceed SBA reimbursement levels and/or the cost of constructing an equivalent new building.
- 13. Site "Rule of Thumb" for a high-school is 20 acres + 1 acre per 100 students (i.e., 600 p = 26 acres); middle-school = 15 acres + 1 acre per 100 students; elementary = 10 acres + 1 acre per 100 students. These are recommendations only and do not represent regulatory requirements. Many sites may contain sizeable acreage; but not be suitable for school construction due to soil conditions, environmental factors, hazardous waste, and safety considerations. To be approved by SBA, sites must be adequate and be developed at a reasonable cost.

*Sites shall be owned by the applicant school district or be under control of the school district via a lease which assures the school district exclusive jurisdiction and control of the land for the anticipated useful life of the constructed school.

- 14. The District may submit a proposal meeting all standards, requirements and deadlines and become eligible for reimbursement of eligible and audited costs; or may choose to build without reimbursement and be subject to local/state building, health and handicapped accessibility codes. The proposed project may also exceed maximum approved square footage and costs; such excess may become a total local expense, unless waived by SBA & BOE.
- 15. The State Building Code requires that any existing building involved in an addition or renovation project costing in excess of 30% of the equalized assessed value of the existing building be made totally handicapped accessible.
- 16. The State-Building Code also requires that the structural system of any existing building involved in an addition or renovation project costing in excess of 50% of the equalized assessed value of the existing building must be upgraded to meet current seismic Code requirements.

- 16A. SBAB requires that any addition or major renovation project include all work required to extend the life of the existing building by a minimum of 30 years.
- 17. Modular, portable, leased or rental structures have been <u>excluded</u> from SBA space inventories. Any approval or reimbursement of such will be determined on a case by case basis with implementation of standards to be determined.
- 18. Once a School Committee and Study Committee agree (vote) on project scope and need, a Needs Conference is scheduled with SBA, at which time related documentation, feasibility studies, pupil projections, space inventories, and educational specifications provide for a discussion and evaluation of system needs. Review at this stage constitutes agreement on the scope of your project only; final approval and subsequent ranking will follow 6/30 of your submission year and is contingent on all checklist documentation required in the application process.
- 19. Project approval and ranking is <u>not</u> synonymous with Board of Education <u>authorization</u> to proceed to bid and construction, which denotes the funding of one's projects.
- 20. a) The unit costs schedule adopted by the Massachusetts Board of Education for Fiscal Year 2003 follows this is a bond issue cost, not a construction cost. Prior years have witnessed a 4.5%, 6%, 3%, 3%, 2% and 3.2% increase respectively. Most recently the Board of Education voted (5/22/01) to add \$10 to the 2001 levels for FY02; the rates for FY03 will remain at '02 levels.

	Allowable Cost/Sq.Ft.	Allowable Cost/Sq.Ft.	Allowable Cost/Sq.Ft.
School Type	FY2001	FY 2002	FY2003
Elementary	\$163	\$173	\$173
Middle School	\$173	\$183	\$183
High School	\$185	\$195	\$195
Vocational	\$197	\$207	\$207
	*Includes \$15/Sq.Ft. for	*Includes \$15/Sq.Ft.	*Includes \$15/Sq.Ft.
	Furnishings/Equipment	for F&E	for F&E

Gross floor area allowed per student, as follows:

School Type	Allowable Sq.Ft. Per Pupily
Elementary	115
Middle School	135
High School	155
Vocational	225

Recent Funding History: (Prog. History, SBA Funding Assistance 1948-2000) (54 years)

·	Category I Projects	Category I Cost	Category II & III Projects	Category II & III Cost	Total Funding
1990	11	Split Funding	19	Split Funding	\$22,500,000
1991	10+Boston	Split Funding	42	Split Funding	\$25,068,804
1992	5+ Boston +Emergency	\$5,358,000	6	\$3,904,530	\$9,262,530
1993	8 8 Emergency	\$14,896,215 \$5,365,732	16	\$9,607,896	\$29,869,845
1994	5 3 Emergency	\$6,950,000 \$4,287,136	35	\$10,774,430	\$22,011,566
1995	2 1 Emergency	\$4,380,000 \$4,200,000	23	\$13,074,159	\$21,654,159
1996	3 2 Emergency	\$8,384,455 \$6,403,100	27	\$11,573,000	\$26,360,555
1997	15	\$18,419,128	32	\$14,463,471	\$32,882,599
1998	10	\$10,912,208	49	\$23,160,145	\$34,072,353
1999	7	\$10,254,854	51	\$33,7782,908	\$44,037,762
2000	8	\$9,551,948	57	\$43,887,115	\$53,439,063 (continued next page)
2001	7	\$16,907,895	39	\$34,152,013	\$51,059,908
2002	2	\$7,303,260	17	\$12,948,960	\$20,252,220
2003	4	\$7,043,760	13 2	\$14,903,656 \$ 31,669	\$21,979,085

- 22. Fiscal years 1997 2000 witnessed 50-60 authorized (funded) projects, a substantial increase over earlier years. Beginning in 2001 and 2002 project numbers reflect the on-going budget crisis, dropping to (19) projects in 2002. Be aware that the number of projects authorized in a given year is affected by the size of listed projects (\$) i.e., a significant number of large dollar projects would more quickly exhaust (limit) the total number within legislative allocation.
- 23. June 1, 2000 witnessed the submission of (20) Category I projects and (70) Category II and III projects and their subsequent placement on the Ranking List. FY2001 displayed (29) Category I and (153) Category II and III, total of (182). June 2001 saw (19) Category I projects added to the Priority Lists; (61) added in Category II and (62) in Category III. This past year, 6/30/02, saw

- only (29) projects submitted, (6) in Category A and (23) in Category C.
- 24. Prior year waiting period approximated 4 years; this period has now been effected by those seeking to apply under a Grandfather Clause (6/01) and those systems attempting to apply under prior positive percentage reimbursement. Adding to this are budget limitations at towns that may preclude a 6 or 7 year waiting period. (SBA non-committal.)
- 25. It is possible for a District, once their project is <u>approved</u> and included on the Waiting List, to proceed via Bond Anticipatory Note (B.A.N.) to bid and construction. Be advised that this in no way improves project ranking nor does it commit the Board of Education to other than normal procedure and vote.
- 26. The decision to proceed via a Bond Anticipation Note should take into consideration the severity of need and the increased interest cost vs. possible construction cost increase during the intervening years. In some instances the need to provide new space for students while a second (renovation) project proceeds may also be a factor.
- 27. At the present time, a B.A.N. may be exercised up to seven (7) years; said 7 yrs. is in addition to the normal 20-year bond period the period of scheduled reimbursement payments by the SBA. Consideration to extend this period, given the number of projects on the Waiting List is currently in legislative process and will extend this period to seven (7) years. *A (7) year B.A.N. period has been passed with a total bonding period of 25 years.
- 28. New and renovated buildings must meet code requirements, inclusive of "earthquake" standards. This later is experiencing an impact on construction cost, especially in existing buildings. Multi-storied buildings, age, suspect site (soil) conditions, and substantial renovation, will be controlling factors receiving attention, regulation, and dollar cost.
- 29. New regulations have eliminated the fixed deadlines for the various steps in the application process of recent years. Submission may be made at any time during the year; appropriate approvals will be granted after review at each step of the process. June 1st (6/30) deadline for complete submission of project, inclusive of some 25 ± checklist needs remains in effect. SBAB has indicated a "need to know" as soon as possible and a 12/1 date seems to be an unwritten preference.
- 30. Swimming pools and skating rinks shall <u>not</u> be eligible for reimbursement and field houses only to the same extent as gymnasiums.
- 31. Regulations re: provision for a qualified construction manager specifies that the applicant <u>shall</u> provide; elsewhere it seems to be at the discretion of the Commissioner. Small projects may not warrant a Project Manager.

- 32. Construction must start 6/01 of the fiscal year in which the school building assistance grant was authorized. Failure to start may result in review and placement on a subsequent waiting list year.
- 33. Major changes in the scope of design of a project may result in the Commissioner's recommendations that the grant be rescinded and a new application filed.
- 34. A newly established <u>Advisory Committee</u> shall consult with the Commissioner following review of all application materials and provide advice and comment as to whether the proposed projects are in the best interests of the Commonwealth.
- 35. New construction proposals shall follow study of renovation, acquisition of an existing building and such other cost-effective solutions in the public's best interest.
- 36. Planned (projected) enrollment shall be consistent with needs and shall <u>not</u> include school choice students it should project 10 years future from date of Needs Conference.
- 37. The value of acquiring an existing facility shall be determined by the B.O.E. on the basis of two (2) registered fee appraisals and the total combined cost of renovation and acquisition shall not exceed new.
- 38. A school district shall expend 50% of the districts' foundation budget for utilities, ordinary and extraordinary maintenance, FY 1994 forward.
- 39. A "notice of intent" for capital construction should be submitted as soon as a need is identified, before the Building Needs Conference and preferably before a decision on a specific solution. Systems may expect the new SBA Advisory Committee to play a greater role, identifying options and information needs. There is reason to expect a slower, thorough process.
- 40. Projects that <u>had a Building Needs Conference prior</u> to 1/1/00 will be reviewed on case by case basis to determine whether the new SBA Program Regulations apply. Projects absent a B.N.C. prior to 1/1/00 will be subject to new SBA Program Regulations.
- 41. Districts with a desegregation plan approved by the B.O.E. prior to 7/1/00 may receive additional reimbursement points. One school in a system (district) evokes a desegregation status.
- 42. A new project shall <u>not</u> be instituted or proposed within ten years in a prior approved project school with the exception of a major reconstruction project (see #3, #4); Chapter 70B.

B. Preface

The following options are predicated on projected enrollment, class size, and program needs discussed at an administrative meeting, 11/13/02, and itemized in previous pages of this report. Be advised that:

• All options resulting in renovation or addition (both), require definition via educational specification

- development and specific space assignment in collaboration with building administrators;
- Cost estimates assigned option models reflect FY 03
 (7/1/02-6/30/03) allowable square foot rates under the
 School Building Assistance Bureau;
- Project submission 6/03 will require computation of cost increase for FY 04 (7/1/03-6/30/04) and FY 05 (7/1/04-6/30/05) and FY 06 (7/1/05-6/30/06) assuming a decision to exercise a Bond Anticipation Note.
- Schematic Design by the architect will further define dollar need prior to a Bond Issue vote and Final Working Drawings (FWD) will establish yet greater accuracy prior to bid;
- Years spent on the waiting list versus a Bond Anticipation Note process will increase costs each waiting year.
 Estimated full waiting period prior to State Board of Education <u>authorization</u> is currently seven and is impacted by state budget reductions; (see funding history).
- Cost estimates are at Bond Issue Level; construction costs are normally 75% of said level;
- Any site acquisition must be added to option estimate and is non-reimbursable;
- Options represent "best use" of existing space against School Building Assistance standard – some may be slightly below said standard (see standards appendix) and require class size consideration;
- Chapter 70B, School Building Assistance Program, obviates renovations/addition to a building receiving such in recent 10-year period; (see appendix)
- Assignment of space reflect an effort to provide an "option" base; they provide "best use" and are subject to building administrative involvement via Educational Specifications following option selection.

Key Abbreviations:

B.A.N. – Bond Anticipation Note
IMC – Instructional Media Center (Library)
SN – Special Needs
P.E. – Physical Education
RR/M – Remedial Reading/Math
C.R. – Classroom
G.S.F. – Gross Square Feet
Ed Spec – Educational Specification
E.C. – Early Childhood

C. Options and Cost estimate

Option A

(Page 1 of 2)

Additions and Renovations to the James School: Grades PK-3 Additions and Renovations to the Dunphy School: Grades 4-6

James School: Pk, K, 1, 2, 3

-		<i>-</i>	chool PK,	Renovat			Addition		
	Education		Educational		ing Facilities	SBAB Guideline	New		
			Program	Rm#	SQ-FT	SOFT	Space	Sq -Ft	
			PK	L07	1249	1200-1300		 	
	General Instruction		K	208	729	1200-1300		471-571	
	1		K	221	751	1200-1300		449-549	
	Į		1	206	758	900-1000		142-242	
圓	2		1	115	763	900-1000		137-237	
5	7		2	217	752	900-1000	451 AV	148-248	
쑱			2	113	752	900-1000		148-248	
ă	3		3	L19	752	900-1000		148-248	
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			Stair	L05	107				
			Storage	L09	57	00) (1.08) 01 (1.08)		<u> </u>	
			Boiler Room	L10	477			 	
			Corndor	L11	921	one term		<u> </u>	
			Workshop	L12	279			·	
			Men	L13	61	War & 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
			Women	L14	61				
			Storage	L15	38				
-			Corridor	£16	69		-	ļ	
i			Toilet	L08	45			 	
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	¥		Janitor	104	19			 	
	_		Stair	106	259			 	
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			Corridor	111	408				
			Stair	117	534				
			Storage	108,9 114,6	8			 	
			Storage	_	11 121			 	
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 Renovation (90% New)
 Area (22,248 style="text-align: right;">\$155.70

 Renovation Costs
 \$3,464,014

 New Area
 14,952

 FY 03 \$/ SF
 \$173.00

 New Costs
 \$2,586,696

James School Total Improvements Dunphy School Total Improvements \$6,050,710 \$5,457,493

Option A Costs

\$11,508,203

Option A

(Page 2 of 2)

Additions and Renovations to the James School: Grades PK-3 Additions and Renovations to the Dunphy School: Grades 4-6

Dunphy School: Grades 4, 5, 6

D.O.	n ibi	ııy	School : G	Renovat			Addition	
		ı	Educational		ing Facilities	SBAB Guideline		lew
			Program	Rm#	SQFT	SQ-FT	Space	Sq -Ft
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	General Instruction		4	108	925	900-1000		ļ
=	Ž		4	112	922	900-1000		ļ
Ĕ	Ħ		5	107	899	900-1000		
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Basic Eucational	5		6	102	840	900-1000		60-160
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尋	l		Art	137	574	1000-1200		426-626
	<u> </u>		Music	137	3/4	1000-1200 + Prac	Music	1200
	Specialized		Gym	133	4724	3000/ station		1.200
	=	Space	SPED	136	703	As Needed	- ·	197-297
	호	훘	Coltab	-100	1,00	As Needed	Collab	900
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	9		Stage	135	1142	and the State of t		
	쿌		Café	126	1397	15 sf per 1/2 pupil		
•	ĝ		Kitchen	123	491	1300 s.f. / 300 pupil		809
	5		Guid.			As Needed	Guid.	120
	륳		Nurse	121	160	300-750		140-590
	*		Library			1800-3000	Library	1800-3000
	3		Showers				Showers	200
	Š		T. Din				T. Din	600
	₹		Small Group	110	191	Up to 500		309
	Š		0	132	105	004-4:		2300
	Σ		Comp. Labs	130	300	30 per station		10365-12515
					15573	11 1		10303-12013
			Storage	111	33			
			Storage	113	52			
			Boiler Room	114	661	 		
			Gym Storag	140	130			
			Comidor	138	197	· · · · · · · · · · · · · · · · · · ·		
			Storage/Offic	139	43			
			Janitor	116	19			_
			Corridor	106	1130			1
			Corridor/Lob	131	1325			
	ğ		Vault	128	66			
	9		Men	115	78			
	Other Space		Storage	117	23			
	¥		Toilet	119	87			
	_		Storage	118	23			
			Women	120	88			<u> </u>
			Storage	122	18			
			Dry Storage	124	80			
			Office/Meter	125	60			ļ
					4113			
							Loading	1212-3362
ŀ					19686			<u> </u>

Renovation	Area	22,274		New Area	13,727
(80% New)	\$/SF	\$138,40	* * * * * * * * * * * * * * * * * * * *	FY 03 \$/ SF	\$173.00
Renovation	Costs	\$3,082,722		New Costs	\$2,374,771

James School Total Improvements
Dunphy School Total Improvements

\$6,050,710 \$5,457,493

Option A Costs

\$11,508,203

Option B

(Page 1 of 2)

Additions and Renovations to the James School: Grades PK & K Additions and Renovations to the Dunphy School: Grades 1-6

James School: PK & K

			CHOOM I'M	Renovat	ion .		Addition	
		1	Educational	Exist	ng Facilities	SBAB Guideline	N	lew
		-	Program	Rm#	SQ-FT	SQ-FT	Space	Sq -Ft
		_	PK	L07	1249	1200-1300		
	General Instruction		ĸ	208	729	1200-1300		471-571
	1		К	221	751	1200-1300		449-549
	l ŧ			206	758			
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죸	1 2			217	752			
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3	П		Art	209	522	1000-1200		478-678
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	Specialized		SPED	100	425	As Needed		
	買	Space	1.	200	445			
	Įž	ñ	Collab			As Needed		
	2		Title 1	216	279	As Needed		
	Ш			223	155		<u></u>	
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	2		Stage				Stage	600
	ĕ		Café	110	1503	15 sf per 1/2 pupil		
	ž		Kitchen			1300 s.f. / 300 pupil		
	ਤੁ		Guid.	L01	399	As Needed		00.470
	2	- 1	Nurse	L18	271	300-750		29-479 1800-3000
	*	- 1	Library			1800-3000	Library	1000-3000
	2	1	Showers				T 0:-	600
	Ē		T. Din	440	250	11- 4- 500	T. Din	600 242
	Miscellaneous Educational Space		Small Group	112	258	Up to 500		242
			Comp. Labs	L17	370	30 per station		980
			Comp. Labs	LII	11891	30 per station	-	10449-12699
⊢					11091			10448-12033
			Storage	L02,3,4	317			
ŀ			Stair	L05	107			
			Storage	L09	57		-	
			Boiler Room	L10	477			
			Corridor	L11	921			
			Workshop	L12	279			
			Men	L12	61			
			Women	L14	61			
			Storage	L15	38			
		ı	Corridor	L16	69			i
			Toilet	L08	45			<u> </u>
			Stair	L21	354		·	
	8	-	Elevator Mac	1.20	92			1
	Ź		Boys	102	121			1
	Other Space		Girls	103	151			
	Ē		Janitor :	104	19			
	δ		Stair	106	259			
			Corridor	105	395			
			Corridor	111	408			
			Stair	117	534			
			Storage	108,9	8			
		-	Storage	114,6	11			ļ
		- 1	Boys	201	121		:	1
		1	Girls	202	124			<u> </u>
		1	Janitor	203	19		·	ļ :
			Corridors	204,10	791		• • • • •	<u> </u>
					0.40			1
			Stairs	205,22	816			
			Stairs Storage		186			7006
			Stairs	205,22 220	186 56		Reuse	-7995
	·		Stairs Storage Toilet		186			
			Stairs Storage		186 56		Reuse Loading	-7995 768-1482

Renovation	Area	22,248
(90% New)	\$/SF	\$155.70
Renovation	Costs	\$3,464,014

New Area 3,936 FY 03 \$/ SF \$173.00 New Costs \$680,928

James School Total Improvements Dunphy School Total Improvements \$4,144,942 \$6,426,120

Option B Costs

\$10,571,062

Option B

(Page 2 of 2)

Additions and Renovations to the James Schoot; Grades PK & K Additions and Renovations to the Dunphy School; Grades 1-6

Dunphy School: Grades 1-6

				Renovation			Addition		
		Educationa		Existing Facilities		SBAB Guideline	New		
			Program	Rm#	SQ-FT	SQ-FT	Space	Sq -Ft	
	Г		1			900-1000	1.	900-1000	
			1			900-1000	1	900-1000	
			2			900-1000	2	900-1000	
			2			900-1000	2	900-1000	
			3			900-1000	3	900-1000	
	١.		3			900-1000	3	900-1000	
	General Instruction		4	108	925	900-1000	· · · ·	300-1000	
	1	1	4	112	922	900-1000	· · ·	 	
豆	lŧ		5	107	899	900-1000		†	
호	<u>ة</u>	Ė	5	109	896	900-1000		4-104	
Basic Eucational	3		6	101	918	900-1000			
릷	3		6	102	840	900-1000		60-160	
꾶	Ċ	5							
ä									
-			Art	137	574	1000-1200		426-626	
	ا چ ا		Music			1000-1200 + Prac	Music	1200	
- 1	12		Gym	133	4724	3000/ station		_	
į	룏	Space	SPED	136	703	As Needed		197-297	
	Specialized	S	Collab			As Needed	Collab	900	
	Ø		Title 1		· · · · · · · · · · · · · · · · · · ·	As Needed	Title 1	900	
	Ш								
	_			1				1	
	ž	,	Admin	129	86	Up to 800	· · · · · · · · · · · · · · · · · · ·	100	
	쭚	ı	04	127	300			300	
	Ë	1	Stage	135	1142	45 45 410 11	<u> </u>	 	
	Ē		Café	126	1397	15 sf per 1/2 pupil		809	
	ä		Kitchen	123	491	1300 s.f. / 300 pupil	Guid	120	
	ì		Guld,	121	160	As Needed 300-750	Guid.	140-590	
	Miscellaneous Educational Space		Nurse Library	121	160	1800-3000	Library	1800-3000	
	ă		Showers			1000-0000	Showers	200	
	ě		T. Din				T. Din	600	
	₫		Small Group	110	191	Up to 500		309	
	8			132	105				
	¥		Comp. Labs	130	300	30 per station		2300	
	_				15573		·····	15765-18515	
						<u> </u>			
			Storage	111	33				
			Storage	113	52				
		ļ	Boiler Room	114	661		<u>.</u>		
		1	Gym Storag	140	130				
		1	Corridor	138	197	·			
		[Storage/Offic	139	43			<u> </u>	
		I	Janitor	116	19				
		I	Corridor	106	1130				
	8	Į	Corridor/Lob	131	1325			·	
	Ž.	ı	Vault	128	66			 	
	ner Space	ı	Men	115	78			1	
-]	Storage	117	23				
	δ	Ì	Toilet .	119	87			 	
		ŀ	Storage	118	23	<u>.</u>		 	
		1	Women	120	88	<u> </u>			
		ı	Storage	122	18	<u> </u>	ļ	 	
		ı	Dry Storage Office/Meter	124	80			 	
		ı	Office/Meter	125	60	 	· · · · ·	 	
		Į			4113		Loading	811-3561	
]		:	40000		Loading	011-3301	
		_1			19686		200	<u> </u>	

 Renovation (80% New)
 Area \$22,274

 \$/SF \$138.40

 Renovation Costs \$3,082,722

New Area 19,326 FY 03 \$/ SF \$173.00 New Costs \$3,343,398

James School Total Improvements

Dunphy School Total Improvements

\$4,144,942 \$6,426,120

Option B Costs

\$10,571,062

Option C

(Page 1 of 2)

Renovations to the James School; Grades PK Additions and Renovations to the Dunphy School; Grades K-6

James School: PK

				Renovati			Addition	lew
			Educational		ng Facilities	SBAB Guideline		
			Program	Rm#	SOFT	SQ-FT	Space	Sq -Ft
ı	۽ ا		PK	L07	1249	1200-1300		<u> </u>
	Ť	į		208	729			
ľ	General Instruction	á		221	751			
z١	1			206	758			-
Basic Eucational	1			115	763			
è			•	217	752			
<u>≗</u>	-			113	752			
5	C	,		L19	752			-
Ž		H	Art	107 209	758 522	1000-1200	<u> </u>	478-678
3			Music	208	322	1000-1200 + Prac	Music	1000-1200
	<u> </u> _		Gym			3000/ station	Gym.	3000
	Specialized	_	SPED	100	. 425	As Needed	SPED	900
		Space	0, 20	200	445	7.01100000		
	Ÿ	Š	Coltab	200	110	As Needed	Collab	900
	š	•	Title 1	216	279	As Needed	Title 1	900
-		1		223	155			
						1		
	æ		Admin			Up to 800	Admin	800
	Miscellaneous Educational Space							
	ŝ		Stage				Stage	600
	2		Café	110	1503	15 sf per 1/2 pupil		
	ĝ		Kitchen			1300 s.f. / 300 pupil		
	Ü	ļ	Guid.	L01	399	As Needed		
	룺		Nurse	L18	271	300-750		29-479
	₩	1	Library			1800-3000	Library	1800-3000
	2	1	Showers					
	Ē		T. Din				T. Din	600
	를		Small Group	112	258	Up to 500		242
	ŭ		·					
	Ī		Comp. Labs	L17	370	30 per station		980
_					11891	<u> </u>		12229-1427
					<u> </u>		,	
			Storage	L02,3,4	317			
			Stair	L05	107	·	•	
			Storage	L09	57			
			Boiler Room	L10	477			<u> </u>
			Corridor	L11	921			<u> </u>
			Workshop	L12	279			
			Men	L13	61			
			Women	L14	61			1
			Storage	L15	38			-
			Corndor	L16	69	·		
		- 1	Toilet Stoir	L08	.45 354			1
	ģ.	ı	Stair	L21 L20	92			1
	Wher Space	1	Elevator Mac	102	121			1
	ij		Boys Girls	102	151	 		-
	Ē		Janitor	104	19		**	1
	ह		Stair	106	259	 		1
			Corridor	105	395			1
			Comdor	111	408			
			Stair	117	534	[
			Storage	108,9	8			
			Storage	114,6	11			
			Boys	201	121			L
			Girts	202	124			
			Janitor	203	19		·	
			Corridors	204,10	791	the state of the state of		
				200 20	816			1
			Stairs	205,22				
			Storage		186	1		
				220	186 56		Reuse	-17539
			Storage		186	•	Reuse	-17539

Renovation	Area	22,248
(90% New.)	\$/SF	\$155.70
Renovation	Costs	\$3,464,014

New Area	0
FY 03 \$/ SF	\$173.00
New Costs	\$0

James School Total Improvements
Dunphy School Total Improvements

\$3,464,014 \$7,064,836

Option C Costs

\$10,528,850

Option C (Page 2 of 2)

Renovations to the James School; Grades PK Additions and Renovations to the Dunphy School; Grades K - 6

Dunphy School: Grades K - 6

_		Renoval			Addition	4
	Educational		ing Facilities	SBAB Guideline		lew
	Program	Rm.#	SQFT	SQ-FT	Space	Sq-Ft
	К			1200-1300	К	1200-1300
	К			1200-1300	К	1200-1300
	1			900-1000	1	900-1000
				900-1000	1	900-1000
	2			900-1000	2	900-1000
	2			900-1000	2	900-1000
	3			900-1000	3	900-1000
	3			900-1000	3	900-1000
	4	108	925	900-1000		
	4	112	922	900-1000	•	
	5	107	899	900-1000		<u></u>
	5	109	896	900-1000		4-104
	6	101	918	900-1000		
	6	102	840	900-1000	· · · · · · · · · · · · · · · · · · ·	60-160
					·	1
	—	407	E74	4000 4000	· · · · · · · · · · · · · · · · · · ·	426 626
	Art	137	574	1000-1200 1000-1200 + Prac	Music	426-626 1200
	Music	133	4724	3000/ station	MUSIC	1200
ŭ	Gym SPED	136	703	As Needed		197-297
ğ.	Collab	155	,,,,,	As Needed	Collab	900
Space	Title 1			As Needed	Title 1	900
	Admin	129	86	Up to 800		100
		127	300	- '		300
	Stage	135	1142			<u> </u>
	Café	126	1397	15 sf per 1/2 pupil		
	Kitchen	123	491	1300 s.f. / 300 pupil	0.14	809
	Guid, Nurse	121	160	As Needed 300-750	Guid.	120 140-590
	Library	121	100	1800-3000	Library	1800-3000
	Showers			1000-0000	Showers	200
	T. Din		···		T. Din	600
	Small Group	110	191	Up to 500		309
		132	105			
	Comp. Labs	130	300	30 per station		2300
			15573			15765-18515
_						<u> </u>
	Storage	111	33			
	Storage	113	52			
	Boiler Room	114	661			
	Gym Storag	140	130 197			†
	Corridor Storage/Office	138 139	43			1 · · · · · · · ·
	Janitor	116	19			
	Corridor	106	1130			<u> </u>
	Corridor/Lob	131	1325			T
	Vault	128	66			
	Men	115	78			
	Storage	117	23			ļ <u> </u>
	Toilet	119	87			
	Storage	118	23		·	
	Women	120	88		·	
	Storage Dr. Storage	122	18			
	Dry Storage Office/Meter	124 125	80 60			
	Clinder Meter	123	4113			
	· · ·		7113		Loading	811-3561
			19686	 		1 5557
	<u> </u>		19686	l		Ь

Renovation	Area	22,274	New Area	23,018
(80% New)	\$/SF	\$138.40	FY 03 \$/ SF	\$173.00
Renovation	Costs	\$3,082,722	New Costs	\$3,982,114

James School Total Improvements Dunphy School Total Improvements \$3,464,014 \$7,064,836

Option C Costs

\$10,528,850

Option D (Page 1 of 1)

No Additions or Renovations to the James School Additions and Renovations to the Dunphy School: Grades PK - 6

Dunphy School: Grades PK-6

				Renovat	ion		Addition	
			Educational	Existi	ng Facilities	SBAB Guideline	<u> </u>	lew
			Program	Rm#	SQ-FT	SQ-FT	Space	SqFt
	m	_	PK			1200-1300	PK	1200-1300
			К			1200-1300	ĸ	1200-1300
			К			1200-1300	K	1200-1300
			1			900-1000	1	900-1000
	٠,	.	1			900-1000	1	900-1000
	3	5	2			900-1000	2	900-1000
	1	3	2			900-1000	2	900-1000
	Ì	3	3			900-1000	3	900-1000
	General Instruction		3			900-1000	3	900-1000
			4	108	925	900-1000		
=			4	112	922	900-1000		<u> </u>
Ž	ď	5	5	107	.899	900-1000		1
춫	ı		5	109	896	900-1000		4-104
3	1	1	6	101	918	900-1000		
Ψ,	1.		6	102	840	900-1000		60-160
뀰	Н	\Box	-	102		300-1000		- 30-133
Basic Eucational		l l	Art	127	E74	1000,1200		426-626
-				137	574	1000-1200	·	1200
	핗		Music	400	4704	1000-1200 + Prac		1200
	≝	8	Gym	133	4724	3000/ station		197-297
	Specialized	Space	SPED	136	703	As Needed		900
`,	Ž.	<u>v</u>	Collab			As Needed		900
	9		Title 1		•	As Needed	· · · · · · · · · · · · · · · · · · ·	300
	Ш				i			
						L		
	Miscellaneous Educational Space		Admin	129	86	Up to 800		100
				127	300			300
			Stage	135	1142	<u> </u>		0
			Café	126	1397	15 sf per 1/2 pupil		0
	음		Kitchen	123	491	1300 s.f. / 300 pupil		809
	3		Guid.			As Needed		120
	큥		Nurse	121	160	300-750		140-590
	M		Library			1800-3000		1800-3000
	ä		Showers	1.0				200
	푩		T. Din					600
	=		Small Group	110	191	Up to 500		309
	2			132	105			1
	3		Comp. Labs	130	300	30 per station		2300
	_				15573			19365-22415
			Storage	111	33			
			Storage	113	52			
			Boiler Room	114	661			1
			Gym Storag	140	130			1
			Corridor	138	197			<u> </u>
			Storage/Offi	139	43			·
	•	-	Janitor	116	19			1
			Corridor	106	1130	 		1.
			Corridor/Lob	131	1325			1
	e		Vault	128	66	No. 1 and the		1
	ğ		Men	115	78	4		1
	Other Space		Storage	117	23			1
	를		Toilet	119	87			<u> </u>
	ช			118	23			
			Storage					
			Women	120	88		·	
			Storage	122	18			
			Dry Storage	124	80			
			Office/Meter	125	60			ļ
					4113			
								
					19686			

Renovation Area 22,274 (80% New) \$\struct \struct \str New Area 27,865 FY 03 \$/ SF \$173.00 New Costs \$4,820,645

James School Total Improvements
Dunphy School Total Improvements

\$0 \$7,903,367

Option D Costs

\$7,903,367

Option E

Construction of a New Elementary School Grades PK - 6

New School: Grades PK-6

			Educational	SBAB Guideline	N	ew
			Program	sq-Ft .	Space	Sq-Ft
			PK	1200-1300	PK	1200-1300
1		1	К	1200-1300	K	1200-1300
1	1	ı	K	1200-1300	К	1200-1300
1			. 1	900-1000	.1	900-1000
1	5		1	900-1000	1	900-1000
	1		2	900-1000	2	900-1000
	General Instruction		2	900-1000	2	900-1000
ł,	1		3	900-1000	3	900-1000
	7		3	900-1000	. 3	900-1000
	1		4	900-1000	4	900-1000
2	5		4	900-1000	4	900-1000
\$	6	'	5	900-1000	5	900-1000
5	Ì		5	900-1000	5	900-1000
교	ľ		6	900-1000	6	900-1000
Basic Eucations	L		6	900-1000	6	900-1000
3						
_			Art	1000-1200	Art	1000-1200
	احا		Music	1000-1200 + Prac	Music	1000-1200
l	8		Gym	3000/ station	Gym	6400
	Specialized	Space	SPED	As Needed	SPED	900
1	¥	S	Collab	As Needed	Collab	900
1	8		Title 1	As Needed	Title 1	900
L.				,		
	8		Admin	Up to 800		800
1	2					
	2		Stage			1200
	를		Café	15 sf per 1/2 pupil		2455
	율		Kitchen	1300 s.f. / 300 pupil		1680
	2		Guid.	As Needed		400
	ភ្ន		Nurse	300-750		440
ı			Library	1800-3000		3000
	2		Showers			200
	Ē		T. Din			600
ł	Miscellaneous Educational Space		Small Group	Up to 500		500
l	ŭ					
1	Ŝ		Comp. Labs	30 per station		2300
L					•	39075-40975
l				·		
ı	8					
1	Other Space					
ı	63	į				
l	Ě	. !				
l	δ	1		· · · · · · · · · · · · · · · · · · ·		<u> </u>
ł					<u> </u>	
				<u> </u>		9164-11064
	-		· · · · · · · · · · · · · · · · · · ·			

New Area 50,139 FY 03 \$/ SF \$173.00 New Costs \$8,674,047

Option E Costs

\$8,674,047

Option F

(Page 1 of 1)

No Additions or Renovations to the James School: Grades PK Additions and Renovations to the Dunphy School: Grades K - 6

Dunphy School: Grades K-6

		ı	Educational	Renovati	ng Facilities	SBAB Guideline	Addition .	lew
			Program	Rm#	SQ-FT	SOFT	Space	Sq-Ft
_				17111 #	30-1	1200-1300	K	1200-1300
			K			1200-1300	K	1200-1300
	ı		K				1	900-1000
	l		11			900-1000		
	l		1			900-1000	1	900-1000
	l		2			900-1000	2	900-1000
	l		2			900-1000	2	900-1000
	l		3			900-1000	3	900-1000
	۶ ا		3			900-1000	3	900-1000
	₹	5	4	108	925	900-1000		
=	غ ا	3	4	112	922	900-1000		
٤	}		. 5	107	899	900-1000		4 404
Ě	1 7		5	109	896	900-1000		4-104
읔			6	101	918	900-1000		60.160
sasic Eucadonal	General Instruction		6	102	840	900-1000		60-160
2	H	_				 		+
ا قد			Art	137	574	1000-1200		426-626
	_		Music	131	3/4	1000-1200 + Prac	Music	1200
	Specialized	ا۔ا	Gym	133	4724	3000/ station	111.0000	1
		Space	SPED	136	703	As Needed		197-297
i	Ÿ	ğ	Coffab	100	,	As Needed	Collab	900
	훘	•	Title 1			As Needed	Title 1	900
			7.20					
	*		Admin	129	86	Up to 800		100
	ă			127	300			300
	6		Stage	135	1142			
	2	1	Café	126	1397	15 sf per 1/2 pupil		
	Miscellaneous Educational Space	1	Kitchen	123	491	1300 s.f. / 300 pupil		809
	2		Guid.			As Needed	Guid.	120
	룘		Nurse	121	160	300-750		140-590
	9		Library			1800-3000	Library	1800-3000
	₹		Showers				Showers	200
	Ē	- 1	T. Din				T. Din	600
	=	ì	Small Group	110	191	Up to 500		309
	ŭ	1		132	105			<u> </u>
	Ξ		Comp. Labs	130	300	30 per station		2300
			:		15573			15765-1851
			Storage	111	33			_
			Storage	113	52	 		<u> </u>
			Boiler Room	114	661	· · · · · · · · · · · · · · · · · · ·		<u> </u>
			Gym Storag	140	130			1
			Corridor	138	197			
			Storage/Offic	139	43			
			Janitor	116	19			
			Corridor	106	1130			1
	5		Corridor/Lob	131	1325		· · · · · · · · · · · · · · · · · · ·	<u> </u>
	2		Vault	128	66	ļ	,	1
	ڪِ (10		Men	115	78			
	Other Space		Storage	117	23			-
	δ	ļ	Toilet	119	87	 		
			Storage	118	23		.	
			Women	120	- 88			
			Storage Dry Storage	122	18 BO	 		
			Ony Storage	124	80 60			
			Office/Meter	125		 		
		ļ			4113		Loading	811-3561
						. 1		

 Renovation (80% New)
 Area (22,274 styles)

 Renovation Costs
 \$3,082,722

 New Area
 23,018

 FY 03 \$/ SF
 \$173.00

 New Costs
 \$3,982,114

James School Total Improvements Dunphy School Total Improvements \$0 \$7,064,836

Option F Costs

\$7,064,836

Option G

(Page 1 of 2)

Renovations to the James School: Grades PK, K, 1st Additions and Renovations to the Dunphy School: Grades 2-6

James School: Pk, K, 1

			· · · ·	Renovat	ion		Addition	
			Educational	Exist	ing Facilities	SBAB Guideline	N	ew .
			Program	Rm#	SQ-FT	SQ-FT	Space	Sq-Ft
Г	Π,		PK	L07	1249	1200-1300		
	General Instruction	į	К	208	729	1200-1300		471-571
	1	1	К	221	751	1200-1300		449-549
<u> </u>	ŀ	3	1	206	. 758	900-1000		142-242
Basic Eucadonal	5		1	115	763	900-1000		137-237
윯				217	752			
ž	. }			113	752			
Ĭ	d	5		L19	752	A CONTRACTOR		
鴇				107	758			
3			Art	209	522	1000-1200		478-678
			Music			1000-1200 + Prac	Music	1000-1200
	Z		Gym			3000/ station	Gym	3000
	Specialized	*	SPED	100	425	As Needed		ļ
	흥	Space		200	445			
	Š	Ø	Collab			As Needed		<u> </u>
	93		Title 1	216	279	As Needed		ļ
	Ш			223	155			
	_		A 4 1			Un 4: 000	* Autoria	900
1	ŭ		Admin			Up to 800	Admin	800
l	ğ		Die	-		ļ		
	7	1	Stage	440	4500	15 of par 100 pum		
i	5		Café	110	1503	15 sf per 1/2 pupil		
l	2	1	Kitchen Guld,	L01	399	1300 s.f. / 300 pupil As Needed		
	3		Nurse	L18	271	300-750		29-479
	ŭ		Library	LIO	211	1800-3000	Library	1800-3000
	5		Showers			1000-0000	Library	1000-0000
	2		T. Din				T. Din	600
	Miscellaneous Educational Space		Small Group	112	258	Up to 500	1. 0.11	242
			Ornan Croop	****		- OF 10 000		
			Comp. Labs	L17	370	30 per station		980
	-	i			11891			10128-12578
┝┈								
l			Storage	L02,3,4	317			
			Stair	L05	107			
			Storage	L09	57			
			Boiler Room	L10	477			
			Corndor	L11	921			
			Workshop	L12	279			
			Men	L13	61			
			Women	L14	61			
			Storage	L15	38			
			Corridor	L16	69			
		1	Toilet	L08	45			
	-	ł	Stair	L21	354			
	ŭ	1	Elevator Mac	L20	92			ļ
	Other Space	1	Boys	102	121			
	•	. [Girls	103	151			
	Ę	ł	Janitor	104	19			
	•	1	Stair	106	259	<u></u>		
		1	Corridor	105	- 395			
		ı	Corridor	111	408 . 534			
		1	Stair	117 108,9	8			
			Storage	114,6	11			· ·
			Storage Boys	201	121			
			Girls	202	124			
			Janitor	203	19		· · · · · · · · · · · · · · · ·	
			Corridors	204,10	791			
			Stairs	205,22	816			
			Storage	,22	186			
l			Toilet	220	56			
ı					6897			· ·
					18788.			

 Renovation (90% New)
 Area (22,248 strength 155.70

 Renovation Costs
 \$155.70

 New Area
 0

 FY 03 \$/ SF
 \$173.00

 New Costs
 \$0

James School Total Improvements Dunphy School Total Improvements \$3,464,014 \$6,415,567

Option G Costs

\$9,879,581

Option G (Page 2 of 2)

Renovations to the James School: Grades PK, K, 1 Additions and Renovations to the Dunphy School: Grades 2-6

Dunphy School: Grades 2 - 6

	Ī	_		Renovation			Addition		
			Educational	Exist	ing Facilities	SBAB Guideline	New		
			Program	Rm#	SQ-FT	SOFT	Space	Sq -Ft	
			2			900-1000		900-1000	
			2			900-1000		900-1000	
	ŀ		3		· · · · · · · · · · · · · · · · · · ·	900-1000	· · ·	900-1000	
		_	3			900-1000	····	900-1000	
	١.	General instruction	4	108	925	900-1000		300-1000	
	ļ `	፮	4	112	922	900-1000			
	١,	ş	5	107	899	900-1000			
윤	:	<u>=</u>	5	109	896	900-1000		4-104	
3	•	2	6	101	918	900-1000			
교		Ě	6	102	840	900-1000		60-160	
Basic Eucational	Ľ	ŏ							
8		T						<u></u>	
	ı		Art	137	574	1000-1200		426-626	
	모		Music			1000-1200 + Prac	Music	1200	
	Specialized	9	Gym	133	4724	3000/ station		<u></u>	
	유	Space	SPED	136	703	As Needed		197-297	
	ž	S	Collab			As Needed	Collab	900	
	N)		Title 1			As Needed	Title 1	900	
	L	Ц				·		.1	
			<u> </u>	100		ļ		 	
	្ត		Admin	129	86	Up to 800		100	
	õ			127	300.			300	
	ä		Stage	135	1142	45 4 445 3		 	
	Ë		Café	126	1397	15 sf per 1/2 pupil		<u> </u>	
	걸		Kitchen	123	491	1300 s.f. / 300 pupil	0.11	809	
	읔		Guid.	404	400	As Needed 300-750	Guid.	120	
	Щ		Nurse	121	160	1800-3000) Shanne	140-590 1800-3000	
	Miscellaneous Educational Space		Library Showers			1000-3000	Library Showers	200	
	ê		T. Din				T. Din	600	
	₫		Small Group	110	191	Up to 500	3, DIII	309	
	8		Oman Oroup	132	105	Op 10 000		1 000	
	#		Comp. Labs	130	300	30 per station		2300	
	-2				15573			13961-16251	
Ė									
			Storage	111	33				
			Storage	113	52				
			Boiler Room	114	661				
			Gym Storag	140	130			1	
			Corridor	138	197				
			Storage/Offic	139	43				
			Janitor	116	19				
			Corridor	106	1130				
	7		Corridor/Lob	131	1325			<u> </u>	
	ĕ		Vault	128	66			<u> </u>	
	Other Space	'	Men	115	78				
	ĕ		Storage	117	23				
	8	j	Toilet	119	87				
			Storage	118	23	<u> </u>		 	
			Women	120	88			 	
			Storage	122	18			 	
			Dry Storage	124	80	ļ		 	
			Office/Meter	125	60			 	
					4113			<u> </u>	
			Misc	·	2588	*.		<u> </u>	
						, t		<u> </u>	

Renovation	Area	22,274	New Area	19,265
(80% New)	\$/SF	\$138.40	FY 03 \$/ SF	\$173.00
Renovation	Costs	\$3,082,722	New Costs	\$3,332,845

James School Total Improvements Dunphy School Total Improvements \$3,464,014 \$6,415,567

Option G Costs

\$9,879,581

Option H

H (Page 1 of 2)
Additions and Renovations to the James School: Grades PK-5
Renovations to the Dunphy School: Grade 6

James School: PK - 5

		-	chooi: PK	Renovat	ion		Addition	
		- 1	Educational		ing Facilities	SBAB Guideline	. Н	*W
			Program	Rm#	SQ-FT	\$Q-FT	Space	Sq-Ft
_	Г	-	PK	L07	1249	1200-1300		
	ı		K	208	729	1200-1300		471-571
	1		К	221	751	1200-1300		449-549
			1	206	758	900-1000		142-242
	Ι,	_	1	115	763	900-1000		137-237
	3	3	2	217	752	900-1000		148-248
		3	. 2	113	752	900-1000		148-248
	a de la constante de la consta	3	3	L19	752	900-1000		148-248
4	4		3	107	758	900-1000		142-242
Basic Eucational	1		4			900-1000	4	900-1000
Ţ	1		4			900-1000	4	900-1000
ž	d	5	5			900-1000	5	900-1000
◛	<u>'L</u>		5			900-1000	5	900-1000
¥			Art	209	522	1000-1200		478-678
•	İ		Music			1000-1200 + Prac	Music	1000-1200
	v		Gym			3000/ station	Gym	3000
	2		SPED	100	425	As Needed		
	7	Š		200	445			
	Specialized	Space	Collab			As Needed	Collab	900
	8		Title 1	216	279	As Needed	<u> </u>	ļ
	Щ	Ш		223	155			
								ļ
	*	j	Admin			Up to 800	Admin	800
	蓋	ļ						 _
	2	1	Stage	<u> </u>			Stage	600
	Ē		Café	110	1503	15 sf per 1/2 pupil		
	윤		Kitchen			1300 s.f. / 300 pupil	Kitchen	1300
	Miscellaneous Educational Space		Guid.	L01	399	As Needed		
			Nurse	L18	271	300-750		29-479
	<u>=</u>	ł	Library			1800-3000	Library	1800-3000
	Š		Showers				Showers	200
	Ě		T. Din		250	lin to 500	T. Din	600
	7	- 1	Small Group	112	258	Up to 500	 	242
	8	1	Comp. Labe	L17	370	20 ner station		980
	Ξ		Comp. Labs	LI7		30 per station		17314-20564
					11891			1/314-20004
			Characa	L02,3,4	247			
			Storage		317			
			Stair Storage	L05	107 57			
			Boiler Room	L09 L10	477			·
				L11				
			Corridor		921			
			Workshop Men	L12	279			
			Women	L13	61 61			
		1		L14	38		<u> </u>	
		ı	Storage Corridor	L15	- 38 69			
		- 1	Toilet	L08	45		 	
			Stair	L21	354			
			Elevator Mac	120	92		· .	l · ·
			Boys	102	121			—
	Space		Girls	103	151			l
			Janitor	104	19			
			Stair	106	259			l .
	ธ		Corridor	105	395			
			Corridor	111	408			
			Stair	117	534			
			Storage	108,9	. 8			
			Storage	114.6	11			
			Boys	201	121		1.5	
			Girls	202	124			
			Janitor	203	19	1,0		,
			Corridors	204,10	791			
			Stairs	205,22	816			
			Storage		186			
			Toilet	220	56			
								F -
					6897			
			Misc		6897 2089			

Renovation	Агеа	22,248
(90% New)	\$/SF	\$155,70
Renovation	Costs	\$3.464.014

20,492 \$173.00 \$3,545,116 New Area FY 03 \$/ SF New Costs

James School Total Improvements
Dunphy School Total Improvements

\$7,009,130 \$3,082,722

Option H Costs

\$10,091,852

Option H

(Page 2 of 2)

Additions and Renovations to the James School; Grades PK-5 Renovations to the Dunphy School; Grade 6

Dunphy School: Grades 6

				Renovat	ion		Addition	
		1	Educational	Exist	ing Facilities	SBAB Guideline	I	Yew
			Program	Rm#	SQFT	SQ-FT	Space	Sq -Ft
	_							
	General Instruction			108	925	900-1000		
_	3			112	922	900-1000		
2	큠			107	899	900-1000		
윭	5			109	896	900-1000		4-104
5	2		6	101	918	900-1000		I
圖	S		6	102	840	900-1000		60-160
Basic Eucational	ā							
3								
_			Art	137	574	1000-1200		426-626
	0		Music			1000-1200 + Prac	Music	1200
	Specialized		Gym	133	4724	3000/ station		
	辜	Space	SPED	136	703	As Needed		197-297
	¥	융	Collab			As Needed	Collab	900
	하		Title 1			As Needed	Title 1	900
	8		Admin	129	86	Up to 800		100
	2			127	300			300
	9	- 1	Stage	135	1142			
	2	1	Café	126	1397	15 sf per 1/2 pupil		1
	율		Kitchen	123	491	1300 s.f. / 300 pupil		809
	Miscellaneous Educational Space		Guid,			As Needed	Guid.	120
	효		Nurse	121	160	300-750		140-590
	3		Library			1800-3000	Library	1800-3000
	ŝ		Showers				Showers	200
	Ĕ		T. Din		·		T. Din	600
	쿻		Small Group	110	191	Up to 500		309
	ŭ			132	105			
	Ž	- 1	Comp. Labs	130	300	30 per station		2300
					15573			10365-12515
								<u> </u>
			Storage	111	33			Į.
			Storage	113	52			
			Boiler Room	114	661			<u> </u>
		ı	Gym Storag	140	130			
		1	Corridor	138	197			ļ
			Storage/Offic	139	43		· · · · · · · · · · · · · · · · · · ·	<u> </u>
		ļ	Janitor	116	19			<u> </u>
			Corridor	106	1130			
	8	ļ	Corridor/Lob	131	1325			1
	ğ	ļ	Vault	128	66			1
	Other Space	ļ	Men	115	78			
	ě	Į	Storage	117	23		-	
	δ	ŀ	Toilet	119	87			
		ŀ	Storage	118	23			
		Į	Women	120	88			
		ı	Storage	122	18			<u> </u>
		ŀ	Dry Storage	124	80			+
		ļ	Office/Meter	125	60			
		ŀ			4113		t anding	4040 2200
		ļ	Misc		2588		Loading	1212-3362
			<u> </u>					

Renovation	Area	22,274	New Area
(80% New)	\$/SF	\$138.40	FY 03 \$/ SF
Renovation	Costs	\$3,082,722	New Costs

James School Total Improvements Dunphy School Total Improvements \$7,009,130 \$3,082,722

Option H Costs

\$10,091,852

0

\$173.00

ALDERMAN & MACNEISH Architects and Engineers 594 Riverdale Road West Springfield, MA 01089

December 12, 2002

FEASIBILITY STUDY WILLIAMSBURG ELEMENTARY SCHOOLS WILLIAMSBURG, MA A&M File No. 2372

SBAB SCHOOL NEEDS CONFERENCE

Comments on Reimbursement	61.53%	Base reimbursement
	2%	Green Schools
	3%	Renovation Points (1-5)
	2%	Project Manager
	66%-68%	"Safe to Say" - John Lawler Comments

Items requested: Inventory of Existing Spaces -Faxed to SBAB 12/12/02

Detailed Educational Specifications -Faxed to SBAB 12/12/02

Telephone Conversation with John Lawler on 12/12/02 @ 1:30 p.m.

John Lawler reviewed the Educational Specifications and Inventory of Existing Spaces (attached) and found the numbers to be "reasonable" but could not give the Town an official letter prior to February 3,2003

ADDITIONAL INFORMATION FOR EDUCATIONAL SPECIFICATIONS

Community Space Summary

AREA	Square Footage	
Pre-K	(1,200 sf. x 15%)	= 180 sf.
Kindergarten	(2,400 sf. x 15%)	= 360 sf.
Classrooms	(10,800 sf. x 15%)	= 1,620 sf.
Art	(1,000 sf. x 15%)	= 150 sf.
Music	(1,000 sf. x 15%)	= 150 sf.
Media	(3,000 sf. x 15%)	= 450 sf.
Physical Education	(4,724 sf. x 15%)	= 709 sf.
Cafeteria	(1,845 sf. x 15%)	= 277 sf.
Stage	(1,142 sf. x 15%)	= 171 sf.
Planning Room	(750 sf. x 15%)	= 113 sf.
SUBTOTAL		=4.180 sf.

Computer Space Summary

246 Students x 70% x 30 sf./Student = 5,166 sf.

STATE (SBAB) REIMBURSEMENT

SUMMARY

TOWN OF WILLIAMSBURG

61.5%	Base Reimbursement
-%	Maintenance Rating (4 Points Maximum)
2%	Project Manager (2 Points Maximum)
-% 5%	Types of Construction Alternative to Construction Innovative Community Use (3 Points Maximum) Renovation and Reuse
<i>5</i> / 6	New Construction (5 Points Maximum)
-%	Non-State Fundraising (.5% for every 1% of project cost raised
2%	Energy Efficiency = 2 Points (Projects must participate in Green Schools Pilot Program)
-%	Racial Desegregation = 5-10 Points (does not apply)
-%	TOTAL INCENTIVE POINTS
-%	TOTAL REIMBURSEMENT RATE