Town of Abington
School Feasibility Study

information & data
gathered as of August 26, 2013

Submitted to
Mass. School Building Authority
on 9/18/13
for review and comment

1	Major Milestones Timeline
2	Facilities Evaluation
3	Site Evaluations Summary
4	Educational Visioning Summary Document
5	Educational Programming Document
6	Introduction Document
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AVERY READY INDEX 08173

Proposed 5-12 Co-Located Middle/High School with Pre-Kindergarten

7.29.13

Proposed Space Summary - Co-Located Middle/High Schools

DRAFT

Frolio Jr. High School

ROOM TYPE	Existing Conditions			PROPOSED 5-8 Middle School: Existing to Remain/Renovated			New			Total			MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	Comments
CORE ACADEMIC SPACES			**10,408**			**0**			**31,530**			**31,530**			**31,480**	
(List classrooms of different sizes separately)																
Classroom - General													950	24	22,800	850 SF min - 950 SF max
English Classroom	716	1	716				850	6	5,100	850	6	5,100				
English Classroom	661	1	661													
English Classroom	693	1	693													
Spanish Classroom	641	1	641													
Spanish Classroom	737	1	737													
Math Classroom	735	1	735				850	6	5,100	850	6	5,100				
Math Classroom	648	1	648													
Math Classroom	716	1	716													
Social Studies	541	1	541													
Geography Classroom	693	1	693													
History Classroom	896	1	896													
Health Classroom	422	1	422													
Small Group Seminar (20-30 seats) / Resource													500	2	1,000	
Science Classroom / Lab							1,200	6	7,200	1,200	6	7,200	1,200	6	7,200	1 period / day / student
Science Classroom	716	2	1,432													
Science Classroom	877	1	877													
Prep Room							80	6	480	80	6	480	6	80	480	
Team/Project Room							575	6	3,450	575	6	3,450				
Hist/Geog							850	6	5,100	850	6	5,100				
SS / Lang							850	6	5,100	850	6	5,100				
SPECIAL EDUCATION			**1,638**			**0**			**7,050**			**7,050**			**7,550**	
(List classrooms of different sizes separately)																
SPED Classroom	655	1	655													
SPED Classroom	512	1	512													
SPED Classroom	471	1	471													
Self-Contained SPED							850	5	4,250	850	5	4,250	950	5	4,750	assumed 8% of pop. in self-contained SPED
Self-Contained SPED Toilet							60	5	300	60	5	300	60	5	300	
Resource Room							500	3	1,500	500	3	1,500	500	3	1,500	1/2 size Genl. Clrm
Small Group Room / Reading							500	2	1,000	500	2	1,000	500	2	1,000	1/2 size Genl. Clrm
ART & MUSIC			**2,791**			**0**			**1,750**			**1,750**			**3,250**	
Art Classroom							1,200	1	1,200	1,200	1	1,200	1,200	1	1,200	assumed use - 50% population 2 times / week
Art Tech. Classroom	822	1	822													
Art Workroom w/ Storage & kiln							150	1	150	150	1	150	150	1	150	
Band / Chorus - 100 seats							0	0	0	0	0	0	1,500	1	1,500	assumed use - 50% population 2 times / week. See HS program
Chorus	679	1	679													
Band/Music Room	1,290	1	1,290													
Music Practice / Ensemble							200	2	400	200	2	400	200	2	400	
VOCATIONS & TECHNOLOGY			**0**			**0**			**6,300**			**6,300**			**6,400**	
Tech Clrm. - (E.G. Drafting, Business)													1,200	2	2,400	Assumed use - 25% Population - 5 times/week
Tech Shop - (E.G. Consumer, Wood)													2,000	2	4,000	Assumed use - 25% Population - 5 times/week
Project Based Lab							1,050	6	6,300	1,050	6	6,300				
HEALTH & PHYSICAL EDUCATION			**8,772**			**0**			**2,400**			**2,400**			**8,400**	
Gymnasium	5,877	1	5,877				0	0	0	0	0	0	6,000	1	6,000	
Gym Storeroom							150	1	150	150	1	150	150	1	150	
Team Room	385	1	385													
Team	48	1	48													
Closet	102	1	102													
Closet	84	1	84													
Closet	38	1	38													
Health Instructor's Office w/ Shower & Toilet							250	1	250	250	1	250	250	1	250	
P.E. Office	85	1	85													
Coach Office	219	1	219													
Locker Rooms - Boys / Girls w/ Toilets							1,000	2	2,000	1,000	2	2,000	1,000	2	2,000	
Girls Locker Room	1,316	1	1,316													
Boys Locker Room	618	1	618													
MEDIA CENTER			**1,868**			**0**			**0**			**0**			**4,204**	
Media Center / Reading Room							0	0	0	0	0	0	4,204	1	4,204	
Computer Tech. Lab	412	1	412													
Library Computer Lab	1,456	1	1,456													
DINING & FOOD SERVICE			**4,061**			**0**			**0**			**0**			**9,240**	
Cafetorium / Dining	2,009	1	2,009				0	0	0	0	0	0	4,988	1	4,988	2 seatings - 15SF per seat. See HS program
Stage	838	1	838				0	0	0	0	0	0	1,600	1	1,600	
Chair / Table / Equipment Storage							0	0	0	0	0	0	422	1	422	
Kitchen							0	0	0	0	0	0	1,965	1	1,965	1600 SF for first 300 + 1 SF/student Add'l
Warming Kitchen	909	1	909													
Staff Lunch Room							0	0	0	0	0	0	266	1	266	20 SF/Occupant
Teacher Lounge	305	1	305													
MEDICAL			**502**			**0**			**610**			**610**			**610**	
Medical Suite Toilet							60	1	60	60	1	60	60	1	60	
Nurses' Office / Waiting Room	187	1	187				250	1	250	250	1	250	250	1	250	
Examination Room / Resting							100	3	300	100	3	300	100	3	300	
Sch. Psy	315	1	315													
ADMINISTRATION & GUIDANCE			**1,195**			**0**			**3,466**			**3,466**			**3,465**	
General Office / Waiting Room / Toilet							433	1	433	433	1	433	433	1	433	
Teachers' Mail and Time Room							100	1	100	100	1	100	100	1	100	
Duplicating Room							200	1	200	200	1	200	200	1	200	
Copier	163	1	163													
Records Room							200	1	200	200	1	200	200	1	200	
Principal's Office w/ Conference Area	141	1	141				375	1	375	375	1	375	375	1	375	
Principal's Secretary / Waiting	140	1	140				125	1	125	125	1	125	125	1	125	
Assistant Principal's Office - AP1	199	1	199				150	1	150	150	1	150	150	1	150	
Assistant Principal's Office - AP2							150	1	150	150	1	150	150	1	150	
Supervisory / Spare Office							150	1	150	150	1	150	150	1	150	
Conference Room							350	1	350	350	1	350	350	1	350	
Guidance Office							150	4	600	150	4	600	150	4	600	
Guidance Councelor	123	1	123													
Office	124	1	124													
Behavior Office	174	1	174													
Read. Spec. Office	131	1	131													
Guidance Waiting Room							100	1	100	100	1	100	100	1	100	
Guidance Storeroom							50	1	50	50	1	50	50	1	50	
Teachers' Work Room							483	1	483	483	1	483	483	1	483	
CUSTODIAL & MAINTENANCE			**1,374**			**0**			**2,140**			**2,140**			**2,140**	
Custodian's Office							150	1	150	150	1	150	150	1	150	
Custodian Office	181	1	181													
Boiler Room	704	1	704													
Custodian's Workshop							250	1	250	250	1	250	250	1	250	
Custodian's Storage							375	1	375	375	1	375	375	1	375	
Recycling Room / Trash							400	1	400	400	1	400	400	1	400	
Receiving and General Supply							322	1	322	322	1	322	322	1	322	
Supply Room	489	1	489													
Storeroom							443	1	443	443	1	443	443	1	443	
Network / Telecom Room							200	1	200	200	1	200	200	1	200	
OTHER			**2,286**			**0**			**0**			**0**			**0**	
Other *(specify)*																
Storage	102	1	102													
Storage	87	1	87													
Storage	291	1	291													
Storage	313	1	313													
Storage	911	1	911													
Storage	79	1	79													
Storage	42	1	42													
Garage	461	1	461													
Total Building Net Floor Area (NFA)			**34,895**			0			**55,246**			**55,246**			**76,739**	
Proposed Student Capacity / Enrollment															**665**	
Total Building Gross Floor Area (GFA)[2]			**51,729**						**82,869**						**111,245**	
Grossing factor (GFA/NFA)			**1.48**						**1.5**			**0.00**			**1.45**	

Abington High School

ROOM TYPE	Existing Conditions			PROPOSED: Existing to Remain/Renovated			New			Total			MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	Comments
CORE ACADEMIC SPACES			**24,321**			**0**			**23,460**			**23,460**			**23,410**	
(List classrooms of different sizes separately)																
Classroom - General	0	0	0										850	17	14,450	825 SF min - 950 SF max
Teacher Planning			0										100	17	1,700	
Small Group Seminar (20-30 seats)			0										500	1	500	
Science Classroom / Lab	0	0	0										1,440	4	5,760	3 x 85% of 20 Seats - 1 per day/student
Prep Room			0										200	4	800	
Central Chemical Storage Rm			0										200	1	200	
Classroom - English	618	1	618													
Classroom - English	708	3	2,124													
Classroom - English	716	1	716													

Classroom - English	717	1	717													
Classroom - History	705	1	705													
Classroom - History	708	2	1,416													
Classroom - History	713	1	713													
Classroom - Math	708	4	2,832													
Classroom - Math	710	1	710													
Classroom - Math	711	1	711													
Classroom - Math	713	1	713													
Classroom - Math	717	1	717													
Math Office	276	1	276													
Classroom - Foreign Language	705	1	705													
Classroom - Foreign Language	707	1	707													
Classroom - Foreign Language	708	1	708													
Classroom - Foreign Language	711	1	711													
Classroom - Foreign Language	731	1	731													
Language / Language History Office	349	1	349													
Science Classroom / Lab	706	1	706													
Science Classroom / Lab	1,063	1	1,063													
Science Classroom / Lab	1,150	1	1,150													
Science Classroom / Lab	1,200	1	1,200													
Science Classroom / Lab	1,295	1	1,295													
Science Classroom / Lab	1,296	1	1,296													
Science Classroom / Lab Prep/Storage	120	1	120													
Science Classroom / Lab Prep/Storage	261	1	261													
Science Classroom / Lab Prep/Storage	351	1	351													
Team Rooms							450	4	1,800	450	4	1,800				
Math							825	4	3,300	825	4	3,300				
English							825	4	3,300	825	4	3,300				
SS/Lang							825	4	3,300	825	4	3,300				
Hist/Geog							825	4	3,300	825	4	3,300				
Science							1,440	4	5,760	1,440	4	5,760				
Science Prep							200	4	800	200	4	800				
Chem Stor							200	1	200	200	1	200				
Teach Plan							850	2	1,700	850	2	1,700				
SPECIAL EDUCATION			**4,524**			**0**			**4,030**			**4,030**			**4,030**	
(List classrooms of different sizes separately)																
Self-Contained SPED			0				950	3	2,850	950	3	2,850	950	3	2,850	assumed 8% of pop. in self-contained SPED
Self-Contained SPED Toilet			0				60	3	180	60	3	180	60	3	180	
Resource Room			0				500	1	500	500	1	500	500	1	500	1/2 size Genl. Clrm
Small Group Room			0				500	1	500	500	1	500	500	1	500	1/2 size Genl. Clrm
Academic Support	705	1	705													
Co-Op / Life Skills	809	2	1,618													
School Psychologist	322	1	322													
Testing	140	1	140													
Collaborative CR	630	1	630													
Alternative Living - Classroom	705	1	705													
SPED	404	1	404													
ART & MUSIC			**13,042**			**0**			**10,125**			**10,125**			**5,125**	
Art Classroom - 25 seats	705	1	705				1,200	1	1,200	1,200	1	1,200	1,200	1	1,200	Assumed use - 25% Population - 5 times/week
Art Workroom w/ Storage & kiln			0				150	1	150	150	1	150	150	1	150	
Band - 50 - 100 seats	2,880	1	2,880				1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	Assumed use - 25% Population - 5 times/week
Chorus - 50 - 100 seats			0				1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	
Ensemble	120	1	120				200	1	200	200	1	200	200	1	200	
Music Practice			0				75	1	75	75	1	75	75	1	75	
Music Storage			0				500	1	500	500	1	500	500	1	500	
Music Room	3,685	1	3,685				3,000	1	3,000	3,000	1	3,000				
Music Dir	150	1	150													
Art 3-D Lab - Art Studio?	1,068	1	1,068													
Art 2-D Lab - Art Studio?	2,289	1	2,289				2,000	1	2,000	2,000	1	2,000				
Art Comp Lab - Digital Art Lab?	1,077	1	1,077													
Storage	295	1	295													
Drama Storage	504	1	504													
Art Director's Office	269	1	269													
VOCATIONS & TECHNOLOGY			**2,187**			**0**			**6,050**			**6,050**			**3,200**	
Tech Clrm. - (E.G. Drafting, Business)	685	1	685				750	1	750	750	1	750	1,200	1	1,200	Assumed use - 50% Population - 5 times/week
Tech Shop - (E.G. Consumer, Wood)			0										2,000	1	2,000	Assumed use - 50% Population - 5 times/week
School Bank	294	1	294													
School Store	140	1	140				200	1	200	200	1	200				
Academic Lab - Computer Lab	1,068	1	1,068				1,100	1	1,100	1,100	1	1,100				
Project Based Lab							1,000	4	4,000	1,000	4	4,000				
HEALTH & PHYSICAL EDUCATION			**17,178**			**0**			**26,025**			**26,025**			**18,720**	
Gymnasium	9,300	1	9,300				8,500	2	17,000	8,500	2	17,000	12,000	1	12,000	
PE Alternatives							3,000	1	3,000	3,000	1	3,000	3,000	1	3,000	
Gym Storeroom	457	1	457				300	1	300	300	1	300	300	1	300	
Locker Rooms - Boys / Girls w/ Toilets	5,390	1	5,390				2,000	2	4,000	2,000	2	4,000	2,520	1	2,520	5.6 sf/student total
Phys. Ed. Storage	174	1	174				500	1	500	500	1	500	500	1	500	
Athletic Director's Office	167	1	167				150	1	150	150	1	150	150	1	150	
Health Instructor's Office w/ Shower & Toilet							250	1	250	250	1	250	250	1	250	
Health Office	143	1	143													
Health Class	698	1	698				825	1	825	825	1	825				
Weight Room	849	1	849													
MEDIA CENTER			**2,331**			**0**			**3,650**			**3,650**			**3,650**	
Media Center / Reading Room - Library	2,331	1	2,331				3,650	1	3,650	3,650	1	3,650	3,650	1	3,650	
Computer Lab																
AUDITORIUM / DRAMA			**504**			**0**			**10,763**			**10,763**			**5,763**	
Auditorium							7,500	1	7,500	7,500	1	7,500	3,000	1	3,000	2/3 Enrollment @ 10 SF/Seat - 750 seats MAX (750)
Stage							1,600	1	1,600	1,600	1	1,600	1,600	1	1,600	
Auditorium Storage							363	1	363	363	1	363	363	1	363	
Make-up / Dressing Rooms							300	2	600	300	2	600	300	2	600	
Controls / Lighting / Projection							200	1	200	200	1	200	200	1	200	
Drama Set Design	504	1	504				500	1	500	500	1	500				
DINING & FOOD SERVICE			**10,351**			**0**			**11,525**			**11,525**			**5,300**	
Cafeteria / Student Lounge / Break-out	5,277	1	5,277				5,575	1	5,575	5,575	1	5,575	2,250	1	2,250	3 seatings - 15SF per seat
Chair / Table Storage							600	1	600	600	1	600	300	1	300	
Scramble Serving Area							600	1	600	600	1	600	600	1	600	
Kitchen	3,156	1	3,156				2,800	1	2,800	2,800	1	2,800	1,750	1	1,750	1600 SF for first 300 + 1 SF/student Add'l
Staff Lunch Room - Teachers Room	704	1	704				700	1	700	700	1	700	400	1	400	20 SF/Occupant
Greenwave Café	1,214	1	1,214				1,250	1	1,250	1,250	1	1,250				
MEDICAL			**359**			**0**			**610**			**610**			**610**	
Medical Suite Toilet							60	1	60	60	1	60	60	1	60	
Nurses' Office / Waiting Room	359	1	359				250	1	250	250	1	250	250	1	250	
Interview Room							100	1	100	100	1	100	100	1	100	
Examination Room / Resting							100	2	200	100	2	200	100	2	200	
ADMINISTRATION & GUIDANCE			**3,830**			**0**			**3,370**			**3,370**			**3,370**	
General Office / Waiting Room / Toilet							300	1	300	300	1	300	300	1	300	
Teachers' Mail and Time Room							100	1	100	100	1	100	100	1	100	
Duplicating Room							200	1	200	200	1	200	200	1	200	
Records Room							200	1	200	200	1	200	200	1	200	
Principal's Office w/ Conference Area							375	1	375	375	1	375	375	1	375	
Principal's Secretary / Waiting							125	1	125	125	1	125	125	1	125	
Assistant Principal's Office - AP1							150	1	150	150	1	150	150	1	150	
Assistant Principal's Office - AP2													150	0	-	
Supervisory / Spare Office							120	1	120	120	1	120	120	1	120	
Conference Room							450	1	450	450	1	450	450	1	450	
Guidance Office							150	3	450	150	3	450	150	3	450	
Guidance Waiting Room							100	1	100	100	1	100	100	1	100	
Guidance Storeroom							100	1	100	100	1	100	100	1	100	
Career Center							300	1	300	300	1	300	300	1	300	
Records Room							100	1	100	100	1	100	100	1	100	
Teachers' Work Room							300	1	300	300	1	300	300	1	300	
Administration	1,415	1	1,415													
Guidance	720	1	720													
District Offices	677	1	677													
English/Science Office	333	1	333													
In-House Detention	256	1	256													
School Security Office	159	1	159													
Book Storage	270	1	270													
CUSTODIAL & MAINTENANCE			**518**			**0**			**2,075**			**2,075**			**2,075**	
Custodian's Office							150	1	150	150	1	150	150	1	150	
Custodian's Workshop							250	1	250	250	1	250	250	1	250	
Custodian's Storage							375	1	375	375	1	375	375	1	375	
Recycling Room / Trash							400	1	400	400	1	400	400	1	400	
Receiving and General Supply							300	1	300	300	1	300	300	1	300	

Storeroom							400	1	400	400	1	400	400	1	400	
Network / Telecom Room							200	1	200	200	1	200	200	1	200	
Boiler Room																
Servers	190	1	190													
Head End Room	328	1	328													
OTHER			**0**			**0**			**0**			**0**			**0**	
Other (specify)																
Total Building Net Floor Area (NFA)			**79,145**			**0**			**101,683**			**101,683**			**75,253**	
Proposed Student Capacity / Enrollment															**450**	
Total Building Gross Floor Area (GFA)[2]			**111,831**						**152,525**						**101,700**	Should be 121,910gsf
Grossing factor (GFA/NFA)			**1.41**						**1.5**			**0.00**			**1.35**	Grossing factor should be 1.62 for 1115 cap

CORE ACADEMIC SPACES - Pre-K			**3,700**			**0**			**4,400**			**4,400**			**4,800**	
(List classrooms of different sizes separately)																
Pre-Kindergarten w/ toilet	4	925	3,700				4	1,100	4,400	4	1,100	4,400	1,200	4	4,800	1,100 SF min - 1,300 SF max
ADMINISTRATION & GUIDANCE - Pre-K			**1,057**			**0**			**1,160**			**1,160**			**1,160**	
General Office / Waiting Room / Toilet	1	278	278				1	300	300	1	300	300	300	1	300	
Teachers' Mail and Time Room	1	225	225				1	100	100	1	100	100	100	1	100	
Duplicating Room	1	176	176				1	150	150	1	150	150	150	1	150	
Records Room	1	90	90				1	110	110	1	110	110	110	1	110	
Principal's Office w/ Conference Area	1	190	190				1	375	375	1	375	375	375	1	375	
Principal's Secretary / Waiting	1	98	98				1	125	125	1	125	125	125	1	125	

Total Building Net Floor Area (NFA)			**118,797**			**0**			**162,489**			**162,489**			**157,952**	
Proposed Student Capacity / Enrollment															**1,115**	
Total Building Gross Floor Area (GFA)[2]			**163,560**						**243,734**						**236,928**	
Grossing factor (GFA/NFA)			**1.45**						**1.5**			**0.00**			**1.50**	Average GF for 1115 middle/high

[1] **Individual Room Net Floor Area (NFA)** Includes the net square footage measured from the inside face of the perimeter walls and includes all specific spaces assigned to a particular program area including such spaces as non-communal toilets and storage rooms

[2] **Total Building Gross Floor Area (GFA)** Includes the entire building gross square footage measured from the outside face of exterior walls

Architect Certification

I hereby certify that all of the information provided in this "Proposed Space Summary" is true, complete and accurate and, except as agreed to in writing by the Massachusetts School Building Authority, in accordance with the guidelines, rules, regulations and policies of the Massachusetts School Building Authority to the best of my knowledge and belief. A true statement, made under the penalties of perjury.

Name of Architect Firm: ______________________

Name of Principal Architect: ______________________

Signature of Principal Architect: ______________________

Date: ______________________

Proposed 6-12 Co-Located Middle/High School with Pre-Kindergarten

7.29.13

Proposed Space Summary - Co-Located Middle/High Schools

DRAFT

Frolio Jr. High School	Existing Conditions			PROPOSED 6-8 Middle School: Existing to Remain/Renovated			New			Total			MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM TYPE	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	Comments
CORE ACADEMIC SPACES			**10,408**			**0**			**24,000**			**24,000**			**24,000**	
(List classrooms of different sizes separately)																
Classroom - General							850	1	850	850	1	850	950	18	17,100	850 SF min - 950 SF max
English Classroom	716	1	716				850	4	3,400	850	4	3,400				
English Classroom	661	1	661													
English Classroom	693	1	693													
Spanish Classroom	641	1	641				850	4	3,400	850	4	3,400				
Spanish Classroom	737	1	737													
Math Classroom	735	1	735				850	4	3,400	850	4	3,400				
Math Classroom	648	1	648													
Math Classroom	716	1	716													
Social Studies	541	1	541													
Geography Classroom	693	1	693													
History Classroom	896	1	896													
Health Classroom	422	1	422				850	1	850	850	1	850				
Small Group Seminar (20-30 seats) / Resource													500	1	500	
Science Classroom / Lab							1,200	5	6,000	1,200	5	6,000	1,200	5	6,000	1 period / day / student
Science Classroom	716	2	1,432													
Science Classroom	877	1	877													
Prep Room							80	5	400	80	5	400	80	5	400	
SS/Hist/Geography							850	4	3,400	850	4	3,400				
Team Room							575	4	2,300	575	4	2,300				
SPECIAL EDUCATION			**1,638**			**0**			**5,140**			**5,140**			**5,540**	
(List classrooms of different sizes separately)																
SPED Classroom	655	1	655													
SPED Classroom	512	1	512													
SPED Classroom	471	1	471													
Self-Contained SPED							850	4	3,400	850	4	3,400	950	4	3,800	assumed 8% of pop. in self-contained SPED
Self-Contained SPED Toilet							60	4	240	60	4	240	60	4	240	
Resource Room							500	2	1,000	500	2	1,000	500	2	1,000	1/2 size Genl. Clrm
Small Group Room / Reading							500	1	500	500	1	500	500	1	500	1/2 size Genl. Clrm
ART & MUSIC			**2,791**			**0**			**1,550**			**1,550**			**3,050**	
Art Classroom							1,200	1	1,200	1,200	1	1,200	1,200	1	1,200	assumed use - 50% population 2 times / week
Art Tech. Classroom	822	1	822													
Art Workroom w/ Storage & kiln							150	1	150	150	1	150	150	1	150	
Band / Chorus - 100 seats							0	0	0	0	0	0	1,500	1	1,500	assumed use - 50% population 2 times / week. See HS program
Chorus	679	1	679													
Band/Music Room	1,290	1	1,290													
Music Practice / Ensemble							200	1	200	200	1	200	200	1	200	
VOCATIONS & TECHNOLOGY			**0**			**0**			**4,000**			**4,000**			**3,200**	
Tech Clrm. - (E.G. Drafting, Business)													1,200	1	1,200	Assumed use - 25% Population - 5 times/week
Tech Shop - (E.G. Consumer, Wood)													2,000	1	2,000	Assumed use - 25% Population - 5 times/week
Project Based Lab							1,000	4	4,000	1,000	4	4,000				
HEALTH & PHYSICAL EDUCATION			**8,772**			**0**			**2,400**			**2,400**			**8,400**	
Gymnasium	5,877	1	5,877				0	0	0	0	0	0	6,000	1	6,000	See HS program
Gym Storeroom							150	1	150	150	1	150	150	1	150	
Team Room	385	1	385													
Team	48	1	48													
Closet	102	1	102													
Closet	84	1	84													
Closet	38	1	38													
Health Instructor's Office w/ Shower & Toilet							250	1	250	250	1	250	250	1	250	
P.E. Office	85	1	85													
Coach Office	219	1	219													
Locker Rooms - Boys / Girls w/ Toilets							1,000	2	2,000	1,000	2	2,000	1,000	2	2,000	
Girls Locker Room	1,316	1	1,316													
Boys Locker Room	618	1	618													
MEDIA CENTER			**1,868**			**0**			**0**			**0**			**3,226**	
Media Center / Reading Room							0	0	0	0	0	0	3,226	1	3,226	See HS program
Computer Tech. Lab	412	1	412													
Library Computer Lab	1,456	1	1,456													
DINING & FOOD SERVICE			**4,061**			**0**			**0**			**0**			**7,696**	
Cafetorium / Dining	2,009	1	2,009				0	0	0	0	0	0	3,713	1	3,713	2 seatings - 15SF per seat. See HS program
Stage	838	1	838				0	0	0	0	0	0	1,600	1	1,600	
Chair / Table / Equipment Storage							0	0	0	0	0	0	365	1	365	
Kitchen							0	0	0	0	0	0	1,795	1	1,795	1600 SF for first 300 + 1 SF/student Add'l
Warming Kitchen	909	1	909													
Staff Lunch Room							0	0	0	0	0	0	224	1	224	20 SF/Occupant
Teacher Lounge	305	1	305													
MEDICAL			**502**			**0**			**510**			**510**			**510**	
Medical Suite Toilet							60	1	60	60	1	60	60	1	60	
Nurses' Office / Waiting Room	187	1	187				250	1	250	250	1	250	250	1	250	
Examination Room / Resting							100	2	200	100	2	200	100	2	200	
Sch. Psy.	315	1	315													
ADMINISTRATION & GUIDANCE			**1,195**			**0**			**2,996**			**2,996**			**2,995**	
General Office / Waiting Room / Toilet							348	1	348	348	1	348	348	1	348	
Teachers' Mail and Time Room							100	1	100	100	1	100	100	1	100	
Duplicating Room							200	1	200	200	1	200	200	1	200	
Copier	163	1	163													
Records Room							200	1	200	200	1	200	200	1	200	
Principal's Office w/ Conference Area	141	1	141				375	1	375	375	1	375	375	1	375	
Principal's Secretary / Waiting	140	1	140				125	1	125	125	1	125	125	1	125	
Assistant Principal's Office - AP1	199	1	199				150	1	150	150	1	150	150	1	150	
Assistant Principal's Office - AP2													150	0	-	
Supervisory / Spare Office							150	1	150	150	1	150	150	1	150	
Conference Room							350	1	350	350	1	350	350	1	350	
Guidance Office							150	3	450	150	3	450	150	3	450	
Guidance Councelor	123	1	123													
Office	124	1	124													
Behavior Office	174	1	174													
Read. Spec. Office	131	1	131													
Guidance Waiting Room							100	1	100	100	1	100	100	1	100	
Guidance Storeroom							50	1	50	50	1	50	50	1	50	
Teachers' Work Room							398	1	398	398	1	398	398	1	398	
CUSTODIAL & MAINTENANCE			**1,374**			**0**			**1,970**			**1,970**			**1,970**	
Custodian's Office							150	1	150	150	1	150	150	1	150	
Custodian Office	181	1	181													
Boiler Room	704	1	704													
Custodian's Workshop							250	1	250	250	1	250	250	1	250	
Custodian's Storage							375	1	375	375	1	375	375	1	375	
Recycling Room / Trash							400	1	400	400	1	400	400	1	400	
Receiving and General Supply							265	1	265	265	1	265	265	1	265	
Supply Room	489	1	489													
Storeroom							330	1	330	330	1	330	330	1	330	
Network / Telecom Room							200	1	200	200	1	200	200	1	200	
OTHER			**2,286**			**0**			**0**						**0**	
Other *(specify)*																
Storage	102	1	102													
Storage	87	1	87													
Storage	291	1	291													
Storage	313	1	313													
Storage	911	1	911													
Storage	79	1	79													
Storage	42	1	42													
Garage	461	1	461													
Total Building Net Floor Area (NFA)			**34,895**			**0**			**42,566**			**42,566**			**60,587**	
Proposed Student Capacity / Enrollment															**495**	
Total Building Gross Floor Area (GFA)[2]			**51,729**						**63,849**						**90,019**	
Grossing factor (GFA/NFA)			**1.48**						**1.5**			**0.00**			**1.49**	

Abington High School	Existing Conditions			PROPOSED: Existing to Remain/Renovated			New			Total			MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM TYPE	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	Comments
CORE ACADEMIC SPACES			**24,321**			**0**			**23,460**			**23,460**			**23,410**	
(List classrooms of different sizes separately)																
Classroom - General	0	0	0										850	17	14,450	825 SF min - 950 SF max
Teacher Planning			0										100	17	1,700	
Small Group Seminar (20-30 seats)			0										500	1	500	
Science Classroom / Lab	0	0	0										1,440	4	5,760	3 x85% of20 Seats-1 per /day/student
Prep Room			0										200	4	800	
Central Chemical Storage Rm			0										200	1	200	
Classroom - English	618	1	618													
Classroom - English	708	3	2,124													
Classroom - English	716	1	716													

Classroom - English	717	1	717													
Classroom - History	705	1	705													
Classroom - History	708	2	1,416													
Classroom - History	713	1	713													
Classroom - Math	708	4	2,832													
Classroom - Math	710	1	710													
Classroom - Math	711	1	711													
Classroom - Math	713	1	713													
Classroom - Math	717	1	717													
Math Office	276	1	276													
Classroom - Foreign Language	705	1	705													
Classroom - Foreign Language	707	1	707													
Classroom - Foreign Language	708	1	708													
Classroom - Foreign Language	711	1	711													
Classroom - Foreign Language	731	1	731													
Language / Language History Office	349	1	349													
Science Classroom / Lab	706	1	706													
Science Classroom / Lab	1,063	1	1,063													
Science Classroom / Lab	1,150	1	1,150													
Science Classroom / Lab	1,200	1	1,200													
Science Classroom / Lab	1,295	1	1,295													
Science Classroom / Lab	1,296	1	1,296													
Science Classroom / Lab Prep/Storage	120	1	120													
Science Classroom / Lab Prep/Storage	261	1	261													
Science Classroom / Lab Prep/Storage	351	1	351													
Team Rooms							450	4	1,800	450	4	1,800				
Math							825	4	3,300	825	4	3,300				
English							825	4	3,300	825	4	3,300				
SS/Lang							825	4	3,300	825	4	3,300				
Hist/Geog							825	4	3,300	825	4	3,300				
Science							1,440	4	5,760	1,440	4	5,760				
Science Prep							200	4	800	200	4	800				
Chem Stor							200	1	200	200	1	200				
Teach Plan							850	2	1,700	850	2	1,700				
SPECIAL EDUCATION			**4,524**			**0**			**4,030**			**4,030**			**4,030**	
(List classrooms of different sizes separately)																
Self-Contained SPED			0				950	3	2,850	950	3	2,850	950	3	2,850	assumed 8% of pop. in self-contained SPED
Self-Contained SPED Toilet			0				60	3	180	60	3	180	60	3	180	
Resource Room			0				500	1	500	500	1	500	500	1	500	1/2 size Genl. Clrm
Small Group Room			0				500	1	500	500	1	500	500	1	500	1/2 size Genl. Clrm
Academic Support	705	1	705													
Co-Op / Life Skills	809	2	1,618													
School Psychologist	322	1	322													
Testing	140	1	140													
Collaborative CR	630	1	630													
Alternative Living - Classroom	705	1	705													
SPED	404	1	404													
ART & MUSIC			**13,042**			**0**			**10,125**			**10,125**			**5,125**	
Art Classroom - 25 seats	705	1	705				1,200	1	1,200	1,200	1	1,200	1,200	1	1,200	Assumed use - 25% Population - 5 times/week
Art Workroom w/ Storage & kiln			0				150	1	150	150	1	150	150	1	150	
Band - 50 - 100 seats	2,880	1	2,880				1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	Assumed use - 25% Population - 5 times/week
Chorus - 50 - 100 seats			0				1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	
Ensemble	120	1	120				200	1	200	200	1	200	200	1	200	
Music Practice			0				75	1	75	75	1	75	75	1	75	
Music Storage			0				500	1	500	500	1	500	500	1	500	
Music Room	3,685	1	3,685				3,000	1	3,000	3,000	1	3,000				
Music Dir.	150	1	150													
Art 3-D Lab - Art Studio?	1,068	1	1,068													
Art 2-D Lab - Art Studio?	2,289	1	2,289				2,000	1	2,000	2,000	1	2,000				
Art Comp Lab - Digital Art Lab?	1,077	1	1,077													
Storage	295	1	295													
Drama Storage	504	1	504													
Art Director's Office	269	1	269													
VOCATIONS & TECHNOLOGY			**2,187**			**0**			**6,050**			**6,050**			**3,200**	
Tech Clrm. - (E.G. Drafting, Business)	685	1	685				750	1	750	750	1	750	1,200	1	1,200	Assumed use - 50% Population - 5 times/week
Tech Shop - (E.G. Consumer, Wood)			0										2,000	1	2,000	Assumed use - 50% Population - 5 times/week
School Bank	294	1	294													
School Store	140	1	140				200	1	200	200	1	200				
Academic Lab - Computer Lab	1,068	1	1,068				1,100	1	1,100	1,100	1	1,100				
Project Based Lab							1,000	4	4,000	1,000	4	4,000				
HEALTH & PHYSICAL EDUCATION			**17,178**			**0**			**26,025**			**26,025**			**18,720**	
Gymnasium	9,300	1	9,300				8,500	2	17,000	8,500	2	17,000	12,000	1	12,000	
PE Alternatives							3,000	1	3,000	3,000	1	3,000	3,000	1	3,000	
Gym Storeroom	457	1	457				300	1	300	300	1	300	300	1	300	
Locker Rooms - Boys / Girls w/ Toilets	5,390	1	5,390				2,000	2	4,000	2,000	2	4,000	2,520	1	2,520	5.6 sf/student total
Phys. Ed. Storage	174	1	174				500	1	500	500	1	500	500	1	500	
Athletic Director's Office	167	1	167				150	1	150	150	1	150	150	1	150	
Health Instructor's Office w/ Shower & Toilet							250	1	250	250	1	250	250	1	250	
Health Office	143	1	143													
Health Class	698	1	698				825	1	825	825	1	825				
Weight Room	849	1	849													
MEDIA CENTER			**2,331**			**0**			**3,650**			**3,650**			**3,650**	
Media Center / Reading Room - Library	2,331	1	2,331				3,650	1	3,650	3,650	1	3,650	3,650	1	3,650	
Computer Lab																
AUDITORIUM / DRAMA			**504**			**0**			**10,763**			**10,763**			**5,763**	
Auditorium							7,500	1	7,500	7,500	1	7,500	3,000	1	3,000	2/3 Enrollment @ 10 SF/Seat - 750 seats MAX (750)
Stage							1,600	1	1,600	1,600	1	1,600	1,600	1	1,600	
Auditorium Storage							363	1	363	363	1	363	363	1	363	
Make-up / Dressing Rooms							300	2	600	300	2	600	300	2	600	
Controls / Lighting / Projection							200	1	200	200	1	200	200	1	200	
Drama Set Design	504	1	504				500	1	500	500	1	500				
DINING & FOOD SERVICE			**10,351**			**0**			**10,675**			**10,675**			**5,300**	
Cafeteria / Student Lounge / Break-out	5,277	1	5,277				4,725	1	4,725	4,725	1	4,725	2,250	1	2,250	3 seatings - 15SF per seat
Chair / Table Storage							600	1	600	600	1	600	300	1	300	
Scramble Serving Area							600	1	600	600	1	600	600	1	600	
Kitchen	3,156	1	3,156				2,800	1	2,800	2,800	1	2,800	1,750	1	1,750	1600 SF for first 300 + 1 SF/student Add'l
Staff Lunch Room - Teachers Room	704	1	704				700	1	700	700	1	700	400	1	400	20 SF/Occupant
Greenwave Café	1,214	1	1,214				1,250	1	1,250	1,250	1	1,250				
MEDICAL			**359**			**0**			**610**			**610**			**610**	
Medical Suite Toilet							60	1	60	60	1	60	60	1	60	
Nurses' Office / Waiting Room	359	1	359				250	1	250	250	1	250	250	1	250	
Interview Room							100	1	100	100	1	100	100	1	100	
Examination Room / Resting							100	2	200	100	2	200	100	2	200	
ADMINISTRATION & GUIDANCE			**3,830**			**0**			**3,370**			**3,370**			**3,370**	
General Office / Waiting Room / Toilet							300	1	300	300	1	300	300	1	300	
Teachers' Mail and Time Room							100	1	100	100	1	100	100	1	100	
Duplicating Room							200	1	200	200	1	200	200	1	200	
Records Room							200	1	200	200	1	200	200	1	200	
Principal's Office w/ Conference Area							375	1	375	375	1	375	375	1	375	
Principal's Secretary / Waiting							125	1	125	125	1	125	125	1	125	
Assistant Principal's Office - AP1							150	1	150	150	1	150	150	1	150	
Assistant Principal's Office - AP2													150	0	-	
Supervisory / Spare Office							120	1	120	120	1	120	120	1	120	
Conference Room							450	1	450	450	1	450	450	1	450	
Guidance Office							150	3	450	150	3	450	150	3	450	
Guidance Waiting Room							100	1	100	100	1	100	100	1	100	
Guidance Storeroom							100	1	100	100	1	100	100	1	100	
Career Center							300	1	300	300	1	300	300	1	300	
Records Room							100	1	100	100	1	100	100	1	100	
Teachers' Work Room							300	1	300	300	1	300	300	1	300	
Administration	1,415	1	1,415													
Guidance	720	1	720													
District Offices	677	1	677													
English/Science Office	333	1	333													
In-House Detention	256	1	256													
School Security Office	159	1	159													
Book Storage	270	1	270													
CUSTODIAL & MAINTENANCE			**518**			**0**			**2,075**			**2,075**			**2,075**	
Custodian's Office							150	1	150	150	1	150	150	1	150	
Custodian's Workshop							250	1	250	250	1	250	250	1	250	
Custodian's Storage							375	1	375	375	1	375	375	1	375	
Recycling Room / Trash							400	1	400	400	1	400	400	1	400	
Receiving and General Supply							300	1	300	300	1	300	300	1	300	

Storeroom							400	1	400	400	1	400	400	1	400	
Network / Telecom Room							200	1	200	200	1	200	200	1	200	
Boiler Room																
Servers	190	1	190													
Head End Room	328	1	328													
OTHER			**0**			**0**			**0**			**0**			**0**	
Other (specify)																
Total Building Net Floor Area (NFA)			**79,145**			**0**			**100,833**			**100,833**			**75,253**	
Proposed Student Capacity / Enrollment															**450**	225
Total Building Gross Floor Area (GFA)[2]			**111,831**						**151,250**						**101,700**	
Grossing factor (GFA/NFA)			**1.41**						**1.5**			**0.00**			**1.35**	

CORE ACADEMIC SPACES - Pre-K			**3,700**			**0**			**4,400**			**4,400**			**4,800**	
(List classrooms of different sizes separately)																
Pre-Kindergarten w/ toilet	4	925	3,700			4	1,100	4,400	4	1,100	4,400	1,200	4	4,800	1,100 SF min - 1,300 SF max
ADMINISTRATION & GUIDANCE - Pre-K			**1,057**			**0**			**1,160**			**1,160**			**1,160**	
General Office / Waiting Room / Toilet	1	278	278			1	300	300	1	300	300	300	1	300	
Teachers' Mail and Time Room	1	225	225			1	100	100	1	100	100	100	1	100	
Duplicating Room	1	176	176			1	150	150	1	150	150	150	1	150	
Records Room	1	90	90			1	110	110	1	110	110	110	1	110	
Principal's Office w/ Conference Area	1	190	190			1	375	375	1	375	375	375	1	375	
Principal's Secretary / Waiting	1	98	98			1	125	125	1	125	125	125	1	125	
Total Building Net Floor Area (NFA)			**118,797**			**0**			**148,959**			**148,959**			**141,800**	
Proposed Student Capacity / Enrollment															**945**	210
Total Building Gross Floor Area (GFA)[2]			**163,560**						**223,439**						**214,119**	
Grossing factor (GFA/NFA)			**1.45**						**1.5**			**0.00**			**1.51**	Average GF for 945 middle/high

[1] **Individual Room Net Floor Area (NFA)** Includes the net square footage measured from the inside face of the perimeter walls and includes all specific spaces assigned to a particular program area including such spaces as non-communal toilets and storage rooms.

[2] **Total Building Gross Floor Area (GFA)** Includes the entire building gross square footage measured from the outside face of exterior walls

Architect Certification

I hereby certify that all of the information provided in this "Proposed Space Summary" is true, complete and accurate and, except as agreed to in writing by the Massachusetts School Building Authority, in accordance with the guidelines, rules, regulations and policies of the Massachusetts School Building Authority to the best of my knowledge and belief. A true statement, made under the penalties of perjury.

Name of Architect Firm: _____

Name of Principal Architect: _____

Signature of Principal Architect: _____

Date: _____

Proposed Space Summary - Middle Schools

Proposed 5-8 Middle School

DRAFT

7.2.13

Frolio Jr. High School

ROOM TYPE	Existing Conditions: ROOM NFA[1]	Existing Conditions: # OF RMS	Existing Conditions: area totals	PROPOSED 5-8 Middle School — Existing to Remain/Renovated: ROOM NFA[1]	Existing to Remain/Renovated: # OF RMS	Existing to Remain/Renovated: area totals	New: ROOM NFA[1]	New: # OF RMS	New: area totals	Total: ROOM NFA[1]	Total: # OF RMS	Total: area totals	MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines): ROOM NFA[1]	MSBA Guidelines: # OF RMS	MSBA Guidelines: area totals	MSBA Guidelines: Comments
CORE ACADEMIC SPACES			**10,408**			**0**			**31,530**			**31,530**			**31,480**	
(List classrooms of different sizes separately)																
Classroom - General													950	24	22,800	150 SF min - 950 SF max
English Classroom	716	1	716				850	6	5,100	850	6	5,100				
English Classroom	661	1	661													
English Classroom	693	1	693													
Spanish Classroom	641	1	641													
Spanish Classroom	737	1	737													
Math Classroom	735	1	735				850	6	5,100	850	6	5,100				
Math Classroom	648	1	648													
Math Classroom	716	1	716													
Social Studies	541	1	541													
Geography Classroom	693	1	693													
History Classroom	896	1	896													
Health Classroom	422	1	422										500	2	1,000	
Small Group Seminar (20-30 seats) / Resource							1,200	6	7,200	1,200	6	7,200	1,200	6	7,200	1 period / day / student
Science Classroom / Lab																
Science Classroom	716	2	1,432													
Science Classroom	877	1	877													
Prep Room							80	6	480	80	6	480	6	80	480	
Team/Project Room							575	6	3,450	575	6	3,450				
Hist/Geog							850	6	5,100	850	6	5,100				
SS / Lang							850	6	5,100	850	6	5,100				
SPECIAL EDUCATION			**1,638**			**0**			**7,050**			**7,050**			**7,550**	
(List classrooms of different sizes separately)																
SPED Classroom	655	1	655													
SPED Classroom	512	1	512													
SPED Classroom	471	1	471													
Self-Contained SPED							850	5	4,250	850	5	4,250	950	5	4,750	assumed 8% of pop. in self-contained SPED
Self-Contained SPED Toilet							60	5	300	60	5	300	60	5	300	
Resource Room							500	3	1,500	500	3	1,500	500	3	1,500	1/2 size Gen' Clrm
Small Group Room / Reading							500	2	1,000	500	2	1,000	500	2	1,000	1/2 size Gen' Clrm
ART & MUSIC			**2,791**			**0**			**3,250**			**3,250**			**3,250**	
Art Classroom							1,200	1	1,200	1,200	1	1,200	1,200	1	1,200	assumed use - 50% population 2 times / week
Art Tech. Classroom	822	1	822													
Art Workroom w/ Storage & kiln							150	1	150	150	1	150	150	1	150	
Band / Chorus - 100 seats							1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	assumed use - 50% population 2 times / week
Chorus	679	1	679													
Band/Music Room	1,290	1	1,290				200	2	400	200	2	400	200	2	400	
Music Practice / Ensemble																
VOCATIONS & TECHNOLOGY			**0**			**0**			**6,300**			**6,300**			**6,400**	
Tech Clrm. - (E.G. Drafting, Business)													1,200	2	2,400	Assumed use - 25% Population - 5 times/week
Tech Shop - (E.G. Consumer, Wood)													2,000	2	4,000	Assumed use - 25% Population - 5 times/week
Project Based Lab							1,050	6	6,300	1,050	6	6,300				
HEALTH & PHYSICAL EDUCATION			**8,772**			**0**			**9,900**			**9,900**			**8,400**	
Gymnasium	5,877	1	5,877				7,500	1	7,500	7,500	1	7,500	6,000	1	6,000	
Gym Storeroom							150	1	150	150	1	150	150	1	150	
Team Room	385	1	385													
Team	48	1	48													
Closet	102	1	102													
Closet	84	1	84													
Closet	38	1	38													
Health Instructor's Office w/ Shower & Toilet							250	1	250	250	1	250	250	1	250	
P.E. Office	85	1	85													
Coach Office	219	1	219													
Locker Rooms - Boys / Girls w/ Toilets							1,000	2	2,000	1,000	2	2,000	1,000	2	2,000	
Girls Locker Room	1,316	1	1,316													
Boys Locker Room	618	1	618													
MEDIA CENTER			**1,868**			**0**			**4,204**			**4,204**			**4,204**	
Media Center / Reading Room							4,204	1	4,204	4,204	1	4,204	4,204	1	4,204	
Computer Tech. Lab	412	1	412													
Library Computer Lab	1,456	1	1,456													
DINING & FOOD SERVICE			**4,061**			**0**			**9,241**			**9,241**			**9,240**	
Cafetorium / Dining	2,009	1	2,009				4,988	1	4,988	4,988	1	4,988	4,988	1	4,988	2 seatings - 1 SF per seat
Stage	838	1	838				1,600	1	1,600	1,600	1	1,600	1,600	1	1,600	
Chair / Table / Equipment Storage							422	1	422	422	1	422	422	1	422	
Kitchen							1,965	1	1,965	1,965	1	1,965	1,965	1	1,965	1600 SF for first 300 + 1 SF/student Add'l
Warming Kitchen	909	1	909													
Staff Lunch Room							266	1	266	266	1	266	266	1	266	20 SF/Occupant
Teacher Lounge	305	1	305													
MEDICAL			**502**			**0**			**610**			**610**			**610**	
Medical Suite Toilet							60	1	60	60	1	60	60	1	60	
Nurses' Office / Waiting Room	187	1	187				250	1	250	250	1	250	250	1	250	
Examination Room / Resting							100	3	300	100	3	300	100	3	300	
Sch. Psy.	315	1	315													
ADMINISTRATION & GUIDANCE			**1,195**			**0**			**3,466**			**3,466**			**3,465**	
General Office / Waiting Room / Toilet							433	1	433	433	1	433	433	1	433	
Teachers' Mail and Time Room							100	1	100	100	1	100	100	1	100	
Duplicating Room							200	1	200	200	1	200	200	1	200	
Copier	163	1	163													
Records Room							200	1	200	200	1	200	200	1	200	
Principal's Office w/ Conference Area	141	1	141				375	1	375	375	1	375	375	1	375	
Principal's Secretary / Waiting	140	1	140				125	1	125	125	1	125	125	1	125	
Assistant Principal's Office - AP1	199	1	199				150	1	150	150	1	150	150	1	150	
Assistant Principal's Office - AP2							150	1	150	150	1	150	150	1	150	
Supervisory / Spare Office							150	1	150	150	1	150	150	1	150	
Conference Room							350	1	350	350	1	350	350	1	350	
Guidance Office							150	4	600	150	4	600	150	4	600	
Guidance Councelor	123	1	123													
Office	124	1	124													
Behavior Office	174	1	174													
Read. Spec. Office	131	1	131													
Guidance Waiting Room							100	1	100	100	1	100	100	1	100	
Guidance Storeroom							50	1	50	50	1	50	50	1	50	
Teachers' Work Room							483	1	483	483	1	483	483	1	483	
CUSTODIAL & MAINTENANCE			**1,374**			**0**			**2,140**			**2,140**			**2,140**	
Custodian's Office							150	1	150	150	1	150	150	1	150	
Custodian Office	181	1	181													
Boiler Room	704	1	704													
Custodian's Workshop							250	1	250	250	1	250	250	1	250	
Custodian's Storage							375	1	375	375	1	375	375	1	375	
Recycling Room / Trash							400	1	400	400	1	400	400	1	400	
Receiving and General Supply							322	1	322	322	1	322	322	1	322	
Supply Room	489	1	489													
Storeroom							443	1	443	443	1	443	443	1	443	
Network / Telecom Room							200	1	200	200	1	200	200	1	200	
OTHER			**2,286**			**0**			**0**			**0**			**0**	
Other *(specify)*																
Storage	102	1	102													
Storage	87	1	87													
Storage	291	1	291													
Storage	313	1	313													
Storage	911	1	911													
Storage	79	1	79													
Storage	42	1	42													
Garage	461	1	461													
Total Building Net Floor Area (NFA)			**34,895**			**0**			**77,691**			**77,691**			**76,739**	
Proposed Student Capacity / Enrollment															**665**	
Total Building Gross Floor Area (GFA)[2]			51,729						116,537						**111,245**	
Grossing factor (GFA/NFA)			**1.48**						**1.5**			**0.00**			**1.45**	

[1] **Individual Room Net Floor Area (NFA)** Includes the net square footage measured from the inside face of the perimeter walls and includes all specific spaces assigned to a particular program area including such spaces as non-communal toilets and storage rooms.

[2] **Total Building Gross Floor Area (GFA)** Includes the entire building gross square footage measured from the outside face of exterior walls

Architect Certification

I hereby certify that all of the information provided in this "Proposed Space Summary" is true, complete and accurate and, except as agreed to in writing by the Massachusetts School Building Authority, in accordance with the guidelines, rules, regulations and policies of the Massachusetts School Building Authority to the best of my knowledge and belief. A true statement, made under the penalties of perjury.

Name of Architect Firm: _____

Name of Principal Architect: _____

Signature of Principal Architect: _____

Date: _____

Proposed Space Summary - Middle Schools

Proposed 6-8 Middle School

DRAFT

7.2.13

Frolio Jr. High School	Existing Conditions			PROPOSED 6-8 Middle School								MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
				Existing to Remain/Renovated			New			Total					
ROOM TYPE	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals,	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	Comments
CORE ACADEMIC SPACES			**10,408**			0			24,000			24,000			24,000	
(List classrooms of different sizes separately)																
Classroom - General							850	1	850	850	1	850	950	18	17,100	850 SF min - 950 SF max
English Classroom	716	1	716				850	4	3,400	850	4	3,400				
English Classroom	661	1	661													
English Classroom	693	1	693				850	4	3,400	850	4	3,400				
Spanish Classroom	641	1	641													
Spanish Classroom	737	1	737				850	4	3,400	850	4	3,400				
Math Classroom	735	1	735													
Math Classroom	648	1	648													
Math Classroom	716	1	716													
Social Studies	541	1	541													
Geography Classroom	693	1	693													
History Classroom	896	1	896				850	1	850	850	1	850	500	1	500	
Health Classroom	422	1	422				1,200	5	6,000	1,200	5	6,000	1,200	5	6,000	1 period / day / student
Small Group Seminar (20-30 seats) / Resource																
Science Classroom / Lab							80	5	400	80	5	400	80	5	400	
Science Classroom	716	2	1,432				850	4	3,400	850	4	3,400				
Science Classroom	877	1	877				575	4	2,300	575	4	2,300				
Prep Room																
SS/Hist/Geography																
Team Room																
SPECIAL EDUCATION			**1,638**			0			5,140			5,140			5,540	
(List classrooms of different sizes separately)																
SPED Classroom	655	1	655													
SPED Classroom	512	1	512													
SPED Classroom	471	1	471				850	4	3,400	850	4	3,400	950	4	3,800	assumed 8% of pop. in self-contained SPED
Self-Contained SPED							60	4	240	60	4	240	60	4	240	
Self-Contained SPED Toilet							500	2	1,000	500	2	1,000	500	2	1,000	1/2 size Gen' Clrm
Resource Room							500	1	500	500	1	500	500	1	500	1/2 size Gen' Clrm
Small Group Room / Reading																
ART & MUSIC			**2,791**			0			3,050			3,050			3,050	
Art Classroom							1,200	1	1,200	1,200	1	1,200	1,200	1	1,200	assumed use - 50% population 2 times / week
Art Tech. Classroom	822	1	822													
Art Workroom w/ Storage & kiln							150	1	150	150	1	150	150	1	150	
Band / Chorus - 100 seats							1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	assumed use - 50% population 2 times / week
Chorus	679	1	679													
Band/Music Room	1,290	1	1,290				200	1	200	200	1	200	200	1	200	
Music Practice / Ensemble																
VOCATIONS & TECHNOLOGY			**0**			0			4,000			4,000			3,200	
Tech Clrm. - (E.G. Drafting, Business)													1,200	1	1,200	Assumed use - 25% Population - 5 times/week
Tech Shop - (E.G. Consumer, Wood)													2,000	1	2,000	Assumed use - 25% Population - 5 times/week
Project Based Lab							1,000	4	4,000	1,000	4	4,000				
HEALTH & PHYSICAL EDUCATION			**8,772**			0			9,900			9,900			8,400	
Gymnasium	5,877	1	5,877				7,500	1	7,500	7,500	1	7,500	6,000	1	6,000	
Gym Storeroom							150	1	150	150	1	150	150	1	150	
Team Room	385	1	385													
Team	48	1	48													
Closet	102	1	102													
Closet	84	1	84													
Closet	38	1	38													
Health Instructor's Office w/ Shower & Toilet							250	1	250	250	1	250	250	1	250	
P.E. Office	85	1	85													
Coach Office	219	1	219													
Locker Rooms - Boys / Girls w/ Toilets							1,000	2	2,000	1,000	2	2,000	1,000	2	2,000	
Girls Locker Room	1,316	1	1,316													
Boys Locker Room	618	1	618													
MEDIA CENTER			**1,868**			0			3,226			3,226			3,226	
Media Center / Reading Room							3,226	1	3,226	3,226	1	3,226	3,226	1	3,226	
Computer Tech. Lab	412	1	412													
Library Computer Lab	1,456	1	1,456													
DINING & FOOD SERVICE			**4,061**			0			7,697			7,697			7,696	
Cafetorium / Dining	2,009	1	2,009				3,713	1	3,713	3,713	1	3,713	3,713	1	3,713	2 seatings - 15SF per seat
Stage	838	1	838				1,600	1	1,600	1,600	1	1,600	1,600	1	1,600	
Chair / Table / Equipment Storage							365	1	365	365	1	365	365	1	365	
Kitchen							1,795	1	1,795	1,795	1	1,795	1,795	1	1,795	1600 SF for first 300 + 1 SF/student Add'l
Warming Kitchen	909	1	909													
Staff Lunch Room							224	1	224	224	1	224	224	1	224	20 SF/Occupant
Teacher Lounge	305	1	305													
MEDICAL			**502**			0			510			510			510	
Medical Suite Toilet							60	1	60	60	1	60	60	1	60	
Nurses' Office / Waiting Room	187	1	187				250	1	250	250	1	250	250	1	250	
Examination Room / Resting							100	2	200	100	2	200	100	2	200	
Sch. Psy.	315	1	315													
ADMINISTRATION & GUIDANCE			**1,195**			0			2,996			2,996			2,995	
General Office / Waiting Room / Toilet							348	1	348	348	1	348	348	1	348	
Teachers' Mail and Time Room							100	1	100	100	1	100	100	1	100	
Duplicating Room							200	1	200	200	1	200	200	1	200	
Copier	163	1	163													
Records Room							200	1	200	200	1	200	200	1	200	
Principal's Office w/ Conference Area	141	1	141				375	1	375	375	1	375	375	1	375	
Principal's Secretary / Waiting	140	1	140				125	1	125	125	1	125	125	1	125	
Assistant Principal's Office - AP1	199	1	199				150	1	150	150	1	150	150	1	150	
Assistant Principal's Office - AP2													150	0	-	
Supervisory / Spare Office							150	1	150	150	1	150	150	1	150	
Conference Room							350	1	350	350	1	350	350	1	350	
Guidance Office							150	3	450	150	3	450	150	3	450	
Guidance Councelor	123	1	123													
Office	124	1	124													
Behavior Office	174	1	174													
Read. Spec. Office	131	1	131													
Guidance Waiting Room							100	1	100	100	1	100	100	1	100	
Guidance Storeroom							50	1	50	50	1	50	50	1	50	
Teachers' Work Room							398	1	398	398	1	398	398	1	398	
CUSTODIAL & MAINTENANCE			**1,374**			0			1,970			1,970			1,970	
Custodian's Office							150	1	150	150	1	150	150	1	150	
Custodian Office	181	1	181													
Boiler Room	704	1	704													
Custodian's Workshop							250	1	250	250	1	250	250	1	250	
Custodian's Storage							375	1	375	375	1	375	375	1	375	
Recycling Room / Trash							400	1	400	400	1	400	400	1	400	
Receiving and General Supply							265	1	265	265	1	265	265	1	265	
Supply Room	489	1	489													
Storeroom							330	1	330	330	1	330	330	1	330	
Network / Telecom Room							200	1	200	200	1	200	200	1	200	
OTHER			**2,286**			0			0			0			0	
Other *(specify)*																
Storage	102	1	102													
Storage	87	1	87													
Storage	291	1	291													
Storage	313	1	313													
Storage	911	1	911													
Storage	79	1	79													
Storage	42	1	42													
Garage	461	1	461													
Total Building Net Floor Area (NFA)			**34,895**			0			62,489			62,489			60,587	
Proposed Student Capacity / Enrollment															495	
Total Building Gross Floor Area (GFA)[2]			51,729						93,734						90,019	
Grossing factor (GFA/NFA)			**1.48**						1.5			0.00			1.49	

[1] **Individual Room Net Floor Area (NFA)** Includes the net square footage measured from the inside face of the perimeter walls and includes all specific spaces assigned to a particular program area including such spaces as non-communal toilets and storage rooms.

[2] **Total Building Gross Floor Area (GFA)** Includes the entire building gross square footage measured from the outside face of exterior walls.

Architect Certification

I hereby certify that all of the information provided in this "Proposed Space Summary" is true, complete and accurate and, except as agreed to in writing by the Massachusetts School Building Authority, in accordance with the guidelines, rules, regulations and policies of the Massachusetts School Building Authority to the best of my knowledge and belief. A true statement, made under the penalties of perjury.

Name of Architect Firm: _____

Name of Principal Architect: _____

Signature of Principal Architect: _____

Date: _____

Proposed Space Summary - Co-Located Middle/High Schools

Proposed 7-12 Co-Located Middle/High School with Pre-Kindergarten

8.29.13

DRAFT

Frolio Jr. High School	Existing Conditions		
ROOM TYPE	ROOM NFA[1]	# OF RMS	area totals
CORE ACADEMIC SPACES			**10,408**
(List classrooms of different sizes separately)			
Classroom - General			
English Classroom	716	1	716
English Classroom	661	1	661
English Classroom	693	1	693
Spanish Classroom	641	1	641
Spanish Classroom	737	1	737
Math Classroom	735	1	735
Math Classroom	648	1	648
Math Classroom	716	1	716
Social Studies	541	1	541
Geography Classroom	693	1	693
History Classroom	896	1	896
Health Classroom	422	1	422
Small Group Seminar (20-30 seats) / Resource			
Science Classroom / Lab			
Science Classroom	716	2	1,432
Science Classroom	877	1	877
Prep Room			
SS/Hist/Geography			
Team Room			
SPECIAL EDUCATION			**1,638**
(List classrooms of different sizes separately)			
SPED Classroom	655	1	655
SPED Classroom	512	1	512
SPED Classroom	471	1	471
Self-Contained SPED			
Self-Contained SPED Toilet			
Resource Room			
Small Group Room / Reading			
ART & MUSIC			**2,791**
Art Classroom			
Art Tech. Classroom	822	1	822
Art Workroom w/ Storage & kiln			
Band / Chorus - 100 seats			
Chorus	679	1	679
Band/Music Room	1,290	1	1,290
Music Practice / Ensemble			
VOCATIONS & TECHNOLOGY			**0**
Tech Clrm. - (E.G. Drafting, Business)			
Tech Shop - (E.G. Consumer, Wood)			
Project Based Lab			
HEALTH & PHYSICAL EDUCATION			**8,772**
Gymnasium	5,877	1	5,877
Gym Storeroom			
Team Room	385	1	385
Team	48	1	48
Closet	102	1	102
Closet	84	1	84
Closet	38	1	38
Health Instructor's Office w/ Shower & Toilet			
P.E. Office	85	1	85
Coach Office	219	1	219
Locker Rooms - Boys / Girls w/ Toilets			
Girls Locker Room	1,316	1	1,316
Boys Locker Room	618	1	618
MEDIA CENTER			**1,868**
Media Center / Reading Room			
Computer Tech. Lab	412	1	412
Library Computer Lab	1,456	1	1,456
DINING & FOOD SERVICE			**4,061**
Cafetorium / Dining	2,009	1	2,009
Stage	838	1	838
Chair / Table / Equipment Storage			
Kitchen			
Warming Kitchen	909	1	909
Staff Lunch Room			
Teacher Lounge	305	1	305
MEDICAL			**502**
Medical Suite Toilet			
Nurses' Office / Waiting Room	187	1	187
Examination Room / Resting			
Sch. Psy.	315	1	315
ADMINISTRATION & GUIDANCE			**1,195**
General Office / Waiting Room / Toilet			
Teachers' Mail and Time Room			
Duplicating Room			
Copier	163	1	163
Records Room			
Principal's Office w/ Conference Area	141	1	141
Principal's Secretary / Waiting	140	1	140
Assistant Principal's Office - AP1	199	1	199
Assistant Principal's Office - AP2			
Supervisory / Spare Office			
Conference Room			
Guidance Office			
Guidance Councelor	123	1	123
Office	124	1	124
Behavior Office	174	1	174
Read. Spec. Office	131	1	131
Guidance Waiting Room			
Guidance Storeroom			
Teachers' Work Room			
CUSTODIAL & MAINTENANCE			**1,374**
Custodian's Office			
Custodian Office	181	1	181
Boiler Room	704	1	704
Custodian's Workshop			
Custodian's Storage			
Recycling Room / Trash			
Receiving and General Supply			
Supply Room	489	1	489
Storeroom			
Network / Telecom Room			
OTHER			**2,286**
Other *(specify)*			
Storage	102	1	102
Storage	87	1	87
Storage	291	1	291
Storage	313	1	313
Storage	911	1	911
Storage	79	1	79
Storage	42	1	42
Garage	461	1	461
Total Building Net Floor Area (NFA)			**34,895**
Proposed Student Capacity / Enrollment			
Total Building Gross Floor Area (GFA)[2]			**51,729**
Grossing factor (GFA/NFA)			**1.48**

PROPOSED 7-8 Middle School								
Existing to Remain/Renovated			New			Total		
ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals
		0			16,615			16,615
			850	3	2,550	850	3	2,550
			850	3	2,550	850	3	2,550
			850	3	2,550	850	3	2,550
			850	1	850	850	1	850
			1,200	3	3,600	1,200	3	3,600
			80	3	240	80	3	240
			850	3	2,550	850	3	2,550
			575	3	1,725	575	3	1,725
		0			4,230			4,230
			850	3	2,550	850	3	2,550
			60	3	180	60	3	180
			500	2	1,000	500	2	1,000
			500	1	500	500	1	500
		0			1,550			1,550
			1,200	1	1,200	1,200	1	1,200
			150	1	150	150	1	150
			0	0	0	0	0	0
			200	1	200	200	1	200
		0			3,000			3,000
			1,000	3	3,000	1,000	3	3,000
		0			2,400			2,400
			0	0	0	0	0	0
			150	1	150	150	1	150
			250	1	250	250	1	250
			1,000	2	2,000	1,000	2	2,000
		0			0			0
			0	0	0	0	0	0
		0			0			0
			0	0	0	0	0	0
			0	0	0	0	0	0
			0	0	0	0	0	0
			0	0	0	0	0	0
			0	0	0	0	0	0
		0			510			510
			60	1	60	60	1	60
			250	1	250	250	1	250
			100	2	200	100	2	200
		0			2,725			2,725
			300	1	300	300	1	300
			100	1	100	100	1	100
			200	1	200	200	1	200
			200	1	200	200	1	200
			375	1	375	375	1	375
			125	1	125	125	1	125
			150	1	150	150	1	150
			150	1	150	150	1	150
			350	1	350	350	1	350
			150	2	300	150	2	300
			100	1	100	100	1	100
			50	1	50	50	1	50
			325	1	325	325	1	325
		0			1,825			1,825
			150	1	150	150	1	150
			250	1	250	250	1	250
			375	1	375	375	1	375
			400	1	400	400	1	400
			217	1	217	217	1	217
			233	1	233	233	1	233
			200	1	200	200	1	200
		0			0			0
		0			32,855			32,855
					49,283			
					1.5			0.00

MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA[1]	# OF RMS	area totals	Comments
		15,740	
950	12	11,400	850 SF min + 950 SF max
500	1	500	
1,200	3	3,600	1 period / day / student
80	3	240	
		4,530	
950	3	2,850	assumed 8% of pop. in self-contained SPED
60	3	180	
500	2	1,000	1/2 size Gen. Clrm.
500	1	500	1/2 size Gen. Clrm.
		3,050	
1,200	1	1,200	assumed use - 50% population 2 times / week
150	1	150	
1,500	1	1,500	assumed use - 50% population 2 times / week See HS program
200	1	200	
		3,200	
1,200	1	1,200	Assumed use - 25% Population - 5 times/week
2,000	1	2,000	Assumed use - 25% Population - 5 times/week
		8,400	
6,000	1	6,000	See HS program
150	1	150	
250	1	250	
1,000	2	2,000	
		2,680	
2,680	1	2,680	See HS program
		6,392	
2,625	1	2,625	2 seatings + 15SF per seat See HS program
1,600	1	1,600	
317	1	317	
1,650	1	1,650	1600 SF for first 300 + 1 SF/student Add'l
200	1	200	20 SF/Occupant
		510	
60	1	60	
250	1	250	
100	2	200	
		2,725	
300	1	300	
100	1	100	
200	1	200	
200	1	200	
375	1	375	
125	1	125	
150	1	150	
150	0	-	
150	1	150	
350	1	350	
150	2	300	
100	1	100	
50	1	50	
325	1	325	
		1,825	
150	1	150	
250	1	250	
375	1	375	
400	1	400	
217	1	217	
233	1	233	
200	1	200	
		0	
		49,052	
		350	
		66,500	
		1.36	

Abington High School	Existing Conditions		
ROOM TYPE	ROOM NFA[1]	# OF RMS	area totals
CORE ACADEMIC SPACES			**24,321**
(List classrooms of different sizes separately)			
Classroom - General	0	0	0
Teacher Planning			0
Small Group Seminar (20-30 seats)			0
Science Classroom / Lab	0	0	0
Prep Room			0
Central Chemical Storage Rm			0
Classroom - English	618	1	618
Classroom - English	708	3	2,124
Classroom - English	716	1	716

PROPOSED								
Existing to Remain/Renovated			New			Total		
ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals
		0			23,460			23,460

MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA[1]	# OF RMS	area totals	Comments
		23,410	
850	17	14,450	825 SF min - 950 SF max
100	17	1,700	
500	1	500	
1,440	4	5,760	3 x65% ut=20 Seats=1 per /day/student
200	4	800	
200	1	200	

Classroom - English	717	1	717												
Classroom - History	705	1	705												
Classroom - History	708	2	1,416												
Classroom - History	713	1	713												
Classroom - Math	708	4	2,832												
Classroom - Math	710	1	710												
Classroom - Math	711	1	711												
Classroom - Math	713	1	713												
Classroom - Math	717	1	717												
Math Office	276	1	276												
Classroom - Foreign Language	705	1	705												
Classroom - Foreign Language	707	1	707												
Classroom - Foreign Language	708	1	708												
Classroom - Foreign Language	711	1	711												
Classroom - Foreign Language	731	1	731												
Language / Language History Office	349	1	349												
Science Classroom / Lab	706	1	706												
Science Classroom / Lab	1,063	1	1,063												
Science Classroom / Lab	1,150	1	1,150												
Science Classroom / Lab	1,200	1	1,200												
Science Classroom / Lab	1,295	1	1,295												
Science Classroom / Lab	1,296	1	1,296												
Science Classroom / Lab Prep/Storage	120	1	120												
Science Classroom / Lab Prep/Storage	261	1	261												
Science Classroom / Lab Prep/Storage	351	1	351												
Team Rooms				450	4	1,800	450	4	1,800						
Math				825	4	3,300	825	4	3,300						
English				825	4	3,300	825	4	3,300						
SS/Lang				825	4	3,300	825	4	3,300						
Hist/Geog				825	4	3,300	825	4	3,300						
Science				1,440	4	5,760	1,440	4	5,760						
Science Prep				200	4	800	200	4	800						
Chem Stor				200	1	200	200	1	200						
Teach Plan				850	2	1,700	850	2	1,700						
SPECIAL EDUCATION			**4,524**	**0**		**4,030**			**4,030**			**4,030**			
(List classrooms of different sizes separately)															
Self-Contained SPED			0	950	3	2,850	950	3	2,850	950	3	2,850	Assumed 8% of pop. in self-contained SPED		
Self-Contained SPED Toilet			0	60	3	180	60	3	180	60	3	180			
Resource Room			0	500	1	500	500	1	500	500	1	500	1/2 size Gen. Clrm.		
Small Group Room			0	500	1	500	500	1	500	500	1	500	1/2 size Gen. Clrm.		
Academic Support	705	1	705												
Co-Op / Life Skills	809	2	1,618												
School Psychologist	322	1	322												
Testing	140	1	140												
Collaborative CR	630	1	630												
Alternative Living - Classroom	705	1	705												
SPED	404	1	404												
ART & MUSIC			**13,042**	**0**		**10,125**			**10,125**			**5,125**			
Art Classroom - 25 seats	705	1	705	1,200	1	1,200	1,200	1	1,200	1,200	1	1,200	Assumed use - 25% Population - 5 times/week		
Art Workroom w/ Storage & kiln			0	150	1	150	150	1	150	150	1	150			
Band - 50 - 100 seats	2,880	1	2,880	1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	Assumed use - 25% Population - 5 times/week		
Chorus - 50 - 100 seats			0	1,500	1	1,500	1,500	1	1,500	1,500	1	1,500			
Ensemble	120	1	120	200	1	200	200	1	200	200	1	200			
Music Practice			0	75	1	75	75	1	75	75	1	75			
Music Storage			0	500	1	500	500	1	500	500	1	500			
Music Room	3,685	1	3,685	3,000	1	3,000	3,000	1	3,000						
Music Dir.	150	1	150												
Art 3-D Lab - Art Studio?	1,068	1	1,068												
Art 2-D Lab - Art Studio?	2,289	1	2,289	2,000	1	2,000	2,000	1	2,000						
Art Comp Lab - Digital Art Lab?	1,077	1	1,077												
Storage	295	1	295												
Drama Storage	504	1	504												
Art Director's Office	269	1	269												
VOCATIONS & TECHNOLOGY			**2,187**	**0**		**6,050**			**6,050**			**3,200**			
Tech Clrm. - (E.G. Drafting, Business)	685	1	685	750	1	750	750	1	750	1,200	1	1,200	Assumed use - 50% Population - 5 times/week		
Tech Shop - (E.G. Consumer, Wood)			0							2,000	1	2,000	Assumed use - 50% Population - 5 times/week		
School Bank	294	1	294	200	1	200	200	1	200						
School Store	140	1	140	1,100	1	1,100	1,100	1	1,100						
Academic Lab - Computer Lab	1,068	1	1,068	1,000	4	4,000	1,000	4	4,000						
Project Based Lab															
HEALTH & PHYSICAL EDUCATION			**17,178**	**0**		**26,025**			**26,025**			**18,720**			
Gymnasium	9,300	1	9,300	8,500	2	17,000	8,500	2	17,000	12,000	1	12,000			
PE Alternatives				3,000	1	3,000	3,000	1	3,000	3,000	1	3,000			
Gym Storeroom	457	1	457	300	1	300	300	1	300	300	1	300			
Locker Rooms - Boys / Girls w/ Toilets	5,390	1	5,390	2,000	2	4,000	2,000	2	4,000	2,520	1	2,520	1-6 st/student total		
Phys. Ed. Storage	174	1	174	500	1	500	500	1	500	500	1	500			
Athletic Director's Office	167	1	167	150	1	150	150	1	150	150	1	150			
Health Instructor's Office w/ Shower & Toilet				250	1	250	250	1	250	250	1	250			
Health Office	143	1	143												
Health Class	698	1	698	825	1	825	825	1	825						
Weight Room	849	1	849												
MEDIA CENTER			**2,331**	**0**		**3,650**			**3,650**			**3,650**			
Media Center / Reading Room - Library	2,331	1	2,331	3,650	1	3,650	3,650	1	3,650	3,650	1	3,650			
Computer Lab															
AUDITORIUM / DRAMA			**504**	**0**		**10,763**			**10,763**			**5,763**			
Auditorium				7,500	1	7,500	7,500	1	7,500	3,000	1	3,000	2/3 Enrolment @ 10 SF/Seat - 750 seats MAX (750)		
Stage				1,600	1	1,600	1,600	1	1,600	1,600	1	1,600			
Auditorium Storage				363	1	363	363	1	363	363	1	363			
Make-up / Dressing Rooms				300	2	600	300	2	600	300	2	600			
Controls / Lighting / Projection				200	1	200	200	1	200	200	1	200			
Drama Set Design	504	1	504	500	1	500	500	1	500						
DINING & FOOD SERVICE			**10,351**	**0**		**10,675**			**10,675**			**5,300**			
Cafeteria / Student Lounge / Break-out	5,277	1	5,277	4,725	1	4,725	4,725	1	4,725	2,250	1	2,250	3 seatings - 15SF per seat		
Chair / Table Storage				600	1	600	600	1	600	300	1	300			
Scramble Serving Area				600	1	600	600	1	600	600	1	600			
Kitchen	3,156	1	3,156	2,800	1	2,800	2,800	1	2,800	1,750	1	1,750	1600 SF for first 300 + 1 SF/student Add'l		
Staff Lunch Room - Teachers Room	704	1	704	700	1	700	700	1	700	400	1	400	20 SF/Occupant		
Greenwave Café	1,214	1	1,214	1,250	1	1,250	1,250	1	1,250						
MEDICAL			**359**	**0**		**610**			**610**			**610**			
Medical Suite Toilet				60	1	60	60	1	60	60	1	60			
Nurses' Office / Waiting Room	359	1	359	250	1	250	250	1	250	250	1	250			
Interview Room				100	1	100	100	1	100	100	1	100			
Examination Room / Resting				100	2	200	100	2	200	100	2	200			
ADMINISTRATION & GUIDANCE			**3,830**	**0**		**3,370**			**3,370**			**3,370**			
General Office / Waiting Room / Toilet				300	1	300	300	1	300	300	1	300			
Teachers' Mail and Time Room				100	1	100	100	1	100	100	1	100			
Duplicating Room				200	1	200	200	1	200	200	1	200			
Records Room				200	1	200	200	1	200	200	1	200			
Principal's Office w/ Conference Area				375	1	375	375	1	375	375	1	375			
Principal's Secretary / Waiting				125	1	125	125	1	125	125	1	125			
Assistant Principal's Office - AP1				150	1	150	150	1	150	150	1	150			
Assistant Principal's Office - AP2										150	0	-			
Supervisory / Spare Office				120	1	120	120	1	120	120	1	120			
Conference Room				450	1	450	450	1	450	450	1	450			
Guidance Office				150	3	450	150	3	450	150	3	450			
Guidance Waiting Room				100	1	100	100	1	100	100	1	100			
Guidance Storeroom				100	1	100	100	1	100	100	1	100			
Career Center				300	1	300	300	1	300	300	1	300			
Records Room				100	1	100	100	1	100	100	1	100			
Teachers' Work Room				300	1	300	300	1	300	300	1	300			
Administration	1,415	1	1,415												
Guidance	720	1	720												
Offices & Storage	677	1	677												
English/Science Office	333	1	333												
In-House Detention	256	1	256												
School Security Office	159	1	159												
Book Storage	270	1	270												
CUSTODIAL & MAINTENANCE			**518**	**0**		**2,075**			**2,075**			**2,075**			
Custodian's Office				150	1	150	150	1	150	150	1	150			
Custodian's Workshop				250	1	250	250	1	250	250	1	250			
Custodian's Storage				375	1	375	375	1	375	375	1	375			
Recycling Room / Trash				400	1	400	400	1	400	400	1	400			
Receiving and General Supply				300	1	300	300	1	300	300	1	300			

Storeroom						400	1	400	400	1	400	400	1	400	
Network / Telecom Room						200	1	200	200	1	200	200	1	200	
Boiler Room															
Servers	190	1	190												
Head End Room	328	1	328												
OTHER			**0**			**0**			**0**			**0**			
Other (specify)															
Total Building Net Floor Area (NFA)			**79,145**			**0**		**100,833**			**100,833**			**75,253**	
Proposed Student Capacity / Enrollment														**450**	226
Total Building Gross Floor Area (GFA)[2]			**111,831**					**151,250**						**101,700**	
Grossing factor (GFA/NFA)			**1.41**					**1.5**			**0.00**			**1.35**	

CORE ACADEMIC SPACES - Pre-K			**3,700**			**0**			**4,400**			**4,400**			**4,800**	
(List classrooms of different sizes separately)																
Pre-Kindergarten w/ toilet	4	925	3,700			4	1,100	4,400	4	1,100	4,400	1,200	4	4,800	1,100 SF min - 1,300 SF max
ADMINISTRATION & GUIDANCE - Pre-K			**1,057**			**0**		**1,160**			**1,160**			**1,160**	
General Office / Waiting Room / Toilet	1	278	278			1	300	300	1	300	300	300	1	300	
Teachers' Mail and Time Room	1	225	225			1	100	100	1	100	100	100	1	100	
Duplicating Room	1	176	176			1	150	150	1	150	150	150	1	150	
Records Room	1	90	90			1	110	110	1	110	110	110	1	110	
Principal's Office w/ Conference Area	1	190	190			1	375	375	1	375	375	375	1	375	
Principal's Secretary / Waiting	1	98	98			1	125	125	1	125	125	125	1	125	

Total Building Net Floor Area (NFA)			**118,797**			**0**		**139,248**			**139,248**			**130,265**	
Proposed Student Capacity / Enrollment														**770**	210
Total Building Gross Floor Area (GFA)[2]			**163,560**					**208,872**						**196,700**	* No guideline total exists for co-located
Grossing factor (GFA/NFA)			**1.45**					**1.5**			**0.00**			**1.51**	Average GF for 775 middle/high

[1] **Individual Room Net Floor Area (NFA)** Includes the net square footage measured from the inside face of the perimeter walls and includes all specific spaces assigned to a particular program area including such spaces as non-communal toilets and storage rooms.

[2] **Total Building Gross Floor Area (GFA)** Includes the entire building gross square footage measured from the outside face of exterior walls

Architect Certification

I hereby certify that all of the information provided in this "Proposed Space Summary" is true, complete and accurate and, except as agreed to in writing by the Massachusetts School Building Authority, in accordance with the guidelines, rules, regulations and policies of the Massachusetts School Building Authority to the best of my knowledge and belief. A true statement, made under the penalties of perjury.

Name of Architect Firm: _____

Name of Principal Architect: _____

Signature of Principal Architect: _____

Date: _____

Proposed Space Summary - Hig[illegible]hools
7.2.13

DRAFT

9-12 High School for 450 students

Abington High School	Existing Conditions			PROPOSED									MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
				Existing to Remain/Renovated			New			Total						
ROOM TYPE	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	Comments
CORE ACADEMIC SPACES			24,321			0			23,460			23,460			23,410	
(List classrooms of different sizes separately)																
Classroom - General	0	0	0										850	17	14,450	825 SF min - 950 SF max
Teacher Planning			0										100	17	1,700	
Small Group Seminar (20-30 seats)			0										500	1	500	
Science Classroom / Lab	0	0	0										1,440	4	5,760	1,440 SF min-20 Seats, 1 per class/student
Prep Room			0										200	4	800	
Central Chemical Storage Rm			0										200	1	200	
Classroom - English	618	1	618													
Classroom - English	708	3	2,124													
Classroom - English	716	1	716													
Classroom - English	717	1	717													
Classroom - History	705	1	705													
Classroom - History	708	2	1,416													
Classroom - History	713	1	713													
Classroom - Math	708	4	2,832													
Classroom - Math	710	1	710													
Classroom - Math	711	1	711													
Classroom - Math	713	1	713													
Classroom - Math	717	1	717													
Math Office	276	1	276													
Classroom - Foreign Language	705	1	705													
Classroom - Foreign Language	707	1	707													
Classroom - Foreign Language	708	1	708													
Classroom - Foreign Language	711	1	711													
Classroom - Foreign Language	731	1	731													
Language / Language History Office	349	1	349													
Science Classroom / Lab	706	1	706													
Science Classroom / Lab	1,063	1	1,063													
Science Classroom / Lab	1,150	1	1,150													
Science Classroom / Lab	1,200	1	1,200													
Science Classroom / Lab	1,295	1	1,295													
Science Classroom / Lab	1,296	1	1,296													
Science Classroom / Lab Prep/Storage	120	1	120													
Science Classroom / Lab Prep/Storage	261	1	261													
Science Classroom / Lab Prep/Storage	351	1	351													
Team Rooms																
Math																
English																
SS/Lang																
Hist/Geog																
Science																
Science Prep																
Chem Stor																
Teach Plan																
SPECIAL EDUCATION			4,524			0			4,030			4,030			4,030	
(List classrooms of different sizes separately)																
Self-Contained SPED			0				950	3	2,850	950	3	2,850	950	3	2,850	assumed 8% of pop. in self-contained SPED
Self-Contained SPED Toilet			0				60	3	180	60	3	180	60	3	180	
Resource Room			0				500	1	500	500	1	500	500	1	500	1/2 size Gen. Clrm
Small Group Room			0				500	1	500	500	1	500	500	1	500	1/2 size Gen. Clrm
Academic Support	705	1	705													
Co-Op / Life Skills	809	2	1,618													
School Psychologist	322	1	322													
Testing	140	1	140													
Collaborative CR	630	1	630													
Alternative Living - Classroom	705	1	705													
SPED	404	1	404													
ART & MUSIC			13,042			0			11,125			11,125			5,125	
Art Classroom - 25 seats	705	1	705				1,200	1	1,200	1,200	1	1,200	1,200	1	1,200	Assumed size - 25% Population - 1 time/w eek
Art Workroom w/ Storage & kiln			0				150	1	150	150	1	150	150	1	150	
Band - 50 - 100 seats	2,880	1	2,880				1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	Assumed size - 75% Population - 5 times/w eek
Chorus - 50 - 100 seats			0				1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	
Ensemble	120	1	120				200	1	200	200	1	200	200	1	200	
Music Practice			0				75	1	75	75	1	75	75	1	75	
Music Storage			0				500	1	500	500	1	500	500	1	500	
Music Room	3,685	1	3,685				3,000	1	3,000	3,000	1	3,000				
Music Dir	150	1	150													
Art 3-D Lab - Art Studio?	1,068	1	1,068													
Art 2-D Lab - Art Studio?	2,289	1	2,289				2,000	1	2,000	2,000	1	2,000				
Art Comp Lab - Digital Art Lab?	1,077	1	1,077				1,000	1	1,000	1,000	1	1,000				
Storage	295	1	295													
Drama Storage	504	1	504													
Art Director's Office	269	1	269													
VOCATIONS & TECHNOLOGY			2,187			0			6,050			6,050			3,200	
Tech Clrm - (E.G. Drafting, Business)	685	1	685				750	1	750	750	1	750	1,200	1	1,200	Assumed size - 50% Population - 5 times/w eek
Tech Shop - (E.G. Consumer, Wood)			0										2,000	1	2,000	Assumed size - 50% Population - 5 times/w eek
School Bank	294	1	294													
School Store	140	1	140				200	1	200	200	1	200				
Academic Lab - Computer Lab	1,068	1	1,068				1,100	1	1,100	1,100	1	1,100				
Project Based Lab							1,000	4	4,000	1,000	4	4,000				
HEALTH & PHYSICAL EDUCATION			17,178			0			24,025			24,025			18,720	
Gymnasium	9,300	1	9,300				7,500	2	15,000	7,500	2	15,000	12,000	1	12,000	
PE Alternatives							3,000	1	3,000	3,000	1	3,000	3,000	1	3,000	
Gym Storeroom	457	1	457				300	1	300	300	1	300	300	1	300	
Locker Rooms - Boys / Girls w/ Toilets	5,390	1	5,390				2,000	2	4,000	2,000	2	4,000	2,520	1	2,520	8 # s/student total
Phys. Ed. Storage	174	1	174				500	1	500	500	1	500	500	1	500	
Athletic Director's Office	167	1	167				150	1	150	150	1	150	150	1	150	
Health Instructor's Office w/ Shower & Toilet							250	1	250	250	1	250	250	1	250	
Health Office	143	1	143													
Health Class	698	1	698				825	1	825	825	1	825				
Weight Room	849	1	849													
MEDIA CENTER			2,331			0			3,650			3,650			3,650	
Media Center / Reading Room - Library	2,331	1	2,331				3,650	1	3,650	3,650	1	3,650	3,650	1	3,650	
Computer Lab																
AUDITORIUM / DRAMA			504			0			10,763			10,763			5,763	
Auditorium							7,500	1	7,500	7,500	1	7,500	3,000	1	3,000	1/3 Enrollment @ 10 SF/Seat - 750 seats MAX (750)
Stage							1,600	1	1,600	1,600	1	1,600	1,600	1	1,600	
Auditorium Storage							363	1	363	363	1	363	363	1	363	
Make-up / Dressing Rooms							300	2	600	300	2	600	300	2	600	
Controls / Lighting / Projection							200	1	200	200	1	200	200	1	200	
Drama Set Design	504	1	504				500	1	500	500	1	500				
DINING & FOOD SERVICE			10,351			0			7,600			7,600			5,300	
Cafeteria / Student Lounge / Break-out	5,277	1	5,277				2,250	1	2,250	2,250	1	2,250	2,250	1	2,250	3 Seatings - 15SF per seat
Chair / Table Storage							300	1	300	300	1	300	300	1	300	
Scramble Serving Area							600	1	600	600	1	600	600	1	600	
Kitchen	3,156	1	3,156				2,800	1	2,800	2,800	1	2,800	1,750	1	1,750	1600 SF for first 300 + 1 SF/student Addl
Staff Lunch Room - Teachers Room	704	1	704				400	1	400	400	1	400	400	1	400	20 SF/Occupant
Greenwave Café	1,214	1	1,214				1,250	1	1,250	1,250	1	1,250				
MEDICAL			358			0			610			610			610	
Medical Suite Toilet							60	1	60	60	1	60	60	1	60	
Nurses' Office / Waiting Room	358	1	358				250	1	250	250	1	250	250	1	250	
Interview Room							100	1	100	100	1	100	100	1	100	
Examination Room / Resting							100	2	200	100	2	200	100	2	200	
ADMINISTRATION & GUIDANCE			3,830			0			3,370			3,370			3,370	
General Office / Waiting Room / Toilet							300	1	300	300	1	300	300	1	300	
Teachers' Mail and Time Room							100	1	100	100	1	100	100	1	100	
Duplicating Room							200	1	200	200	1	200	200	1	200	
Records Room							200	1	200	200	1	200	200	1	200	
Principal's Office w/ Conference Area							375	1	375	375	1	375	375	1	375	
Principal's Secretary / Waiting							125	1	125	125	1	125	125	1	125	
Assistant Principal's Office - AP1							150	1	150	150	1	150	150	1	150	
Assistant Principal's Office - AP2													150	0	0	
Supervisory / Spare Office							120	1	120	120	1	120	120	1	120	
Conference Room							450	1	450	450	1	450	450	1	450	
Guidance Office							150	3	450	150	3	450	150	3	450	
Guidance Waiting Room							100	1	100	100	1	100	100	1	100	
Guidance Storeroom							100	1	100	100	1	100	100	1	100	
Career Center							300	1	300	300	1	300	300	1	300	
Records Room							100	1	100	100	1	100	100	1	100	
Teachers' Work Room							300	1	300	300	1	300	300	1	300	
Administration	1,415	1	1,415													
Guidance	720	1	720													
District Offices	677	1	677													
English/Science Office	333	1	333													
In-House Detention	256	1	256													
School Security Office	158	1	158													
Book Storage	270	1	270													
CUSTODIAL & MAINTENANCE			518			0			2,075			2,075			2,075	
Custodian's Office							150	1	150	150	1	150	150	1	150	
Custodian's Workshop							250	1	250	250	1	250	250	1	250	
Custodian's Storage							375	1	375	375	1	375	375	1	375	
Recycling Room / Trash							400	1	400	400	1	400	400	1	400	
Receiving and General Supply							300	1	300	300	1	300	300	1	300	
Storeroom							400	1	400	400	1	400	400	1	400	
Network / Telecom Room							200	1	200	200	1	200	200	1	200	
Boiler Room																
Servers	190	1	190													
Head End Room	328	1	328													
OTHER			0			0			0			0			0	
Other (specify)																
Total Building Net Floor Area (NFA)			79,145			0			96,758			96,758			75,253	
Proposed Student Capacity / Enrollment															450	225
Total Building Gross Floor Area (GFA)[2]			111,831						145,137						101,700	
Grossing factor (GFA/NFA)			1.41						1.5			0.00			1.35	

[1] **Individual Room Net Floor Area (NFA)** Includes the net square footage measured from the inside face of the perimeter walls and includes all specific spaces assigned to a particular program area including such spaces as non-communal toilets and storage rooms

[2] **Total Building Gross Floor Area (GFA)** Includes the entire building gross square footage measured from the outside face of exterior walls

Architect Certification

I hereby certify that all of the information provided in this "Proposed Space Summary" is true, complete and accurate and, except as agreed to in writing by the Massachusetts School Building Authority, in accordance with the guidelines, rules, regulations and policies of the Massachusetts School Building Authority to the best of my knowledge and belief. A true statement, made under the penalties of perjury.

Name of Architect Firm: _____

Name of Principal Architect: _____

Signature of Principal Architect: _____

Date: _____