

## Proposed Space Summary- Elementary Schools

ELEMENTARY SCHOOL	Existing Conditions		
	ROOM NFA <sup>1</sup>	# OF RMS	area totals
<b>CORE ACADEMIC SPACES</b>			<b>11,625</b>
<i>(List classrooms of different sizes seperately)</i>			-
Pre-Kindergarten w/ toilet			-
Kindergarten w/ toilet			-
General Classrooms - Grade 1-5	775	12	9,300
Kindergarten w/out toilet	775	3	2,325
<b>SPECIAL EDUCATION</b>			<b>1,085</b>
<i>(List rooms of different sizes seperately)</i>			-
Self-Contained SPED	740	1	740
Self-Contained SPED - toilet			-
Resource Room			-
Small Group Room / Reading			-
OT/PT	345	1	345
<b>ART &amp; MUSIC</b>			<b>1,550</b>
Art Classroom - 25 seats	775	1	775
Art Workroom w/ Storage & kiln			-
			-
Music Classroom / Large Group - 25-50 seats	775	1	775
Music Practice/ Ensemble			-
			-
<b>HEALTH &amp; PHYSICAL EDUCATION</b>			<b>4,204</b>
Gymnasium	3,766	1	3,766
Gym Storeroom	438	1	438
Health Instructor's Office w/Shower & Toilet			-
			-
<b>MEDIA CENTER</b>			<b>1,575</b>
Media Center/Reading Room	1,575	1	1,575
Computer Classroom			-
<b>DINING &amp; FOOD SERVICE</b>			<b>5,046</b>
Cafeteria/Dining	2,809	1	2,809
Stage	675	1	675
Chair/Table/Equipment Storage			-
Kitchen	1,188	1	1,188
Staff Lunch Room/Work Room	374	1	374
			-
<b>MEDICAL</b>			<b>289</b>
Medical Suite Toilet	35	1	35
Nurses' Office/Waiting Room	176	1	176
Examination Room / Resting	78	1	78
			-
<b>ADMINISTRATION &amp; GUIDANCE</b>			<b>821</b>
General Office / Waiting Room/Toilet			-
Teachers' Mail and Time Room			-
Duplicating Room			-
Records Room			-
Principal's Office w/ Conference Area	176	1	176
Principal's Secretary / Waiting	136	1	136
Assistant Principal's Office			-
Supervisory / Spare Office	200	1	200
Conference Room			-

08-29-08

PROPOSED								
Existing to Remain/Renovated			New			Total		
ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals
		<b>0</b>		<b>26</b>	<b>25,400</b>			<b>0</b>
			1,200	2	2,400			
			1,150	4	4,600			
			920	20	18,400			
		<b>0</b>			<b>4,200</b>			<b>0</b>
			950	2	1,900			
			75	1	75			
			640	2	1,280			
			640	1	640			
			305	1	305			
		<b>0</b>			<b>2,635</b>			<b>0</b>
			1,060	1	1,060			
			150	1	150			
					-			
			1,200	1	1,200			
			75	3	225			
					-			
		<b>0</b>			<b>6,610</b>			<b>0</b>
			6,300	1	6,300			
			160	1	160			
			150	1	150			
		<b>0</b>			<b>2,980</b>			<b>0</b>
			2,200	1	2,200			
			780	1	780			
		<b>0</b>			<b>7,015</b>			<b>0</b>
			3,750	1	3,750			
			1,000	1	1,000			
			145+60	2	205			
			1,800	1	1,800			
			260	1	260			
		<b>0</b>			<b>530</b>			<b>0</b>
			60	1	60			
			270	1	270			
			100	2	200			
		<b>0</b>			<b>2,440</b>			<b>0</b>
			380	1	380			
			60	1	60			
			130	1	130			
			60	1	60			
			250	1	250			
			210	1	210			
					-			
			160	1	160			
			285	1	285			

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MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA <sup>1</sup>	# OF RMS	area totals	Comments
	<b>22</b>	<b>21,900</b>	
1,200		-	1,100 SF min - 1,300 SF max
1,200	4	4,800	1,100 SF min - 1,300 SF max
950	18	17,100	900 SF min - 1,000 SF max
		<b>6,040</b>	
950	4	3,800	8% of pop. in self-contained SPED
60	4	240	
500	3	1,500	1/2 size Genl. Clrm.
500	1	500	1/2 size Genl. Clrm.
		<b>2,575</b>	
1,000	1	1,000	assumed schedule 2 times / week / student
150	1	150	
1,200	1	1,200	assumed schedule 2 times / week / student
75	3	225	
		<b>6,300</b>	
6,000	1	6,000	6000 SF Min. Size
150	1	150	
150	1	150	
		<b>2,920</b>	
2,920	1	2,920	
		<b>7,142</b>	
3,750	1	3,750	2 seatings - 15SF per seat
1,000	1	1,000	
367	1	367	
1,800	1	1,800	1600 SF for first 300 + 1 SF/student Add'l
225	1	225	20 SF/Occupant
		<b>510</b>	
60	1	60	
250	1	250	
100	2	200	
		<b>2,365</b>	
400	1	400	
100	1	100	
150	1	150	
110	1	110	
375	1	375	
125	1	125	
120	0	-	
120	1	120	
250	1	250	

MSBA Feasibility Study Guidelines

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ELEMENTARY SCHOOL	Existing Conditions		
	ROOM NFA <sup>1</sup>	# OF RMS	area totals
Guidance Office	133	1	133
Guidance Storeroom			-
Guidance Reception / Waiting			-
Teachers' Work Room	176	1	176
			-
<b>CUSTODIAL &amp; MAINTENANCE</b>			<b>1,027</b>
Custodian's Office	322	1	322
Custodian's Workshop	187	1	187
Custodian's Storage	160	1	160
Recycling Room / Trash	100	1	100
Receiving and General Supply	100	1	100
Storeroom	100	1	100
Network/Telecom Room	58	1	58
			-
<b>OTHER</b>			<b>0</b>
Other (specify)			-
			-
<b>Total Building Net Floor Area (NFA)</b>			<b>27,222</b>
<b>Proposed Student Capacity/Enrollment</b>			<b>270</b>
<b>Total Building Gross Floor Area (GFA)<sup>2</sup></b>			<b>38,760</b>
<b>Grossing factor (GFA/NFA)</b>			<b>1.42</b>

PROPOSED								
Existing to Remain/Renovated			New			Total		
ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals
					-			
			150	2	300			
			25	1	25			
			280	1	280			
			300	1	300			
		<b>0</b>			<b>2,010</b>			<b>0</b>
			150	1	150			
			375	1	375			
			370	1	370			
			140	2	280			
			110	2	220			
			410	1	410			
			205	1	205			
		<b>0</b>			<b>0</b>			<b>0</b>
		<b>0</b>			<b>53,820</b>			<b>0</b>
					<b>500</b>			
					<b>78,500</b>			
					<b>1.46</b>			

MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA <sup>1</sup>	# OF RMS	area totals	Comments
150	2	300	
35	1	35	
400	1	400	
		<b>2,100</b>	
150	1	150	
375	1	375	
375	1	375	
400	1	400	
267	1	267	
333	1	333	
200	1	200	
		<b>0</b>	
		<b>51,852</b>	
		<b>500</b>	
		<b>78,500</b>	
		<b>1.51</b>	

<sup>1</sup> 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.

<sup>2</sup> 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 in accordance with the 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: Knight, Bagge & Anderson, Inc. (KBA Architects)

Name of Principal Architect: Kevin J. Buckley, AIA

Signature of Principal Architect: \_\_\_\_\_

Date: February 19, 2009