### HMFH ARCHITECTS

SAUGUS HIGH SCHOOL PRELIMINARY DESIGN PROGRAM PROGRESS UPDATE

SAUGUS, MASSACHUSETTS

Lori Cowles, AIA Principal

August 1, 2016

## SHS PRELIMINARY DESIGN PROGRAM

- Educational Visioning Report (draft for review)
- Facility assessment (complete)
- Educational plan (draft for review)
- Space Summary (draft for review)
- Draft Alternatives

Color Key: Black=HS, Red=MS, Green=Shared

COMBINED M-H	Ex	Existing Conditions					
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF RMS	area totals				
CORE ACADEMIC SPACES		67	72,470				
(List classrooms of different sizes separately)							
Classroom - General	925	1	925				
Classroom - General	855	2	1,710				
Classroom - General	845	4	3,380				
Classroom - General	745	13	9,685				
Classroom - General	755	4	3,020				
Classroom - General	735	5	3,675				
Classroom - General	680	1	680				
Classroom - General	585	2	1,170				
Classroom - General	575	1	575				
Classroom - General	555	1	555				
Classroom - General	845	33	27,885				
Classroom - General	1,010	3	3,030				
Classroom - General	530	1	530				
Teacher Planning							
Small Group Seminar (20-30 seats)	4.000	4	1 220				
Science Classroom / Lab Science Classroom / Lab	1,230 990	3	1,230 2,970				
Science Classroom / Lab	880	4	3,520				
Science Classroom / Lab	1,010	6	6,060				
Prep Room	200	1	200				
Prep Room	145	1	145				
Prep Room	135	3	405				
Prep Room	95	2	190				
Prep Room	225	3	675				
Prep Room	120	1	120				
Central Chemical Storage Rm	135	1	135				
SPECIAL EDUCATION		4	15,085				
(List classrooms of different sizes separately)							
Self-Contained SPED (Life Skills)	770	2	1,540				
Self-Contained SPED (18-22 Program)	1,210	1	1,210				
Self-Contained SPED Toilet	1,210	!	1,210				
Small Group Room							
Sub-separate Classroom	925	1	925				
Resource Room	745	1	745				
Resource Room	735	2	1,470				
Resource Room	585	1	585				
PROUD Program	1,350	1	1,350				
ETL Office/Meeting Room	390	1	390				
Speech/ Testing	325	1	325				
Psychologist	325	1	325				
Self-Contained SPED (Life Skills/Autism)	1,010	1	1,010				
Self-Contained SPED Toilet	.,	-	.,0.0				
Resource Room	845	2	1,690				
Resource Room	1,010	1	1,010				
Social/Emotional Room	845	1	845				
Version	_	1	1				

				PROPOSED					
Existin	ng to Remain/Re	enovated		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	
		0		56	74,810			0	
		U		56	74,610			U	
			850	26	22,100	(Note: 700/23	⊥ =30x85% utiliza	ation= 26)	
						NINE ADDITION	DNAL CLASSR	OOMS	
			850	30	25,500	(Note: 660/23	=29, increased	to 30)	
					,			,	
			400	12	4,800	(12 workstatio	ns + conferenc	e each)	
			1,440	8	11,520	(Note: atv mat	ches existing)		
			1,440		11,020	(Note: qty ma	ones existing)		
							ONAL SCIENCE	=	
			1,440	6	8,640	(Note: qty mat	ches existing)		
			150	8	1,200				
			150	6	900				
			150	1	150				
		0		3	13,580			0	
		U		3	13,300			U	
			1,200	1	1,200				
			900	1	900				
			60	2	120				
			850	1	850				
			600	4	2,400				
			600	2	1,200				
			350	1	350				
			300	1	300				
			300	1	300				
			900 60	1	900				
			900	3	2,700				
					_,,,,,,				
			600	1	600		1		

(refe	MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)								
ROOM NFA <sup>1</sup>	# OF RMS	area totals	Comments						
		66,030							
		60,030							
850	47	39,950	825 SF min - 950 SF max						
100 500	47 3	4,700 1,500							
1,440	12	17,280	3 x85% ut=20 Seats-1 per /day/student						
200	12	2,400							
200	1	200							
200	1	200							
		14,100							
950	10	9,500	assumed 8% of pop. in self-contained SPED						
60	10	600							
500	4	2,000	1/2 size Genl. Clrm.						
500	4	3,000							
500	4	2,000	1/2 size Genl. Clrm.						
		-							

11.24.2010

Color Key: Black=HS, Red=MS, Green=Shared

COMBINED M-H	Ex	Existing Conditions				
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF RMS	area totals			
Time Out Room	225	1	225			
ETL Office/Meeting Room	370	1	370			
PT	225	1	225			
OT (/ Speech)	845	1	845			
Life Skills Café						
ART & MUSIC			11,470			
Art Classroom - 25 seats	1,800	1	1,800			
Art/Pottery Classroom - 25 seats	1,780	1	1,780			
Art Workroom w/ Storage & kiln	500	1	500			
Art Classroom	1,160	1	1,160			
Art Marken and Art Ma	1,010	1	1,010			
Art Workroom w/ Storage & kiln	4.505		4.505			
Band / Chorus - 100 seats	1,525	1	1,525			
Band / Chorus - 100 seats	1,660	1	1,660			
Music Classroom/Large Group Chorus - 50 - 100 seats	1,150	1	1,150			
Ensemble						
Music Practice	100	2	200			
Music Practice / Ensemble	85	1	85			
Music Practice / Ensemble	65	1	65			
Music Office	75	1	75			
Music Storage - Instruments	210	1	210			
Music Storage - Uniforms	150	1	150			
Music Office	100	1	100			
VOCATIONS & TECHNOLOGY			9,060			
Tech Clrm (E.G. Drafting, Business)						
Tech Clrm CADD	745	1	745			
Tech Clrm Video Production	745	1	745			
Tech Clrm Web Design	745	1	745			
Tech Clrm Engineering	1,420	1	1,420			
Tech Clrm Engineering	975	1	975			
Tech Clrm Coding/ Web Design	1,190	1	1,190			
Tech Shop - (E.G. Consumer, Wood)						
Tech Shop - Engineering	1,500	1	1,500			
Tech Shop - Engineering	1,740	1	1,740			
LICAL TIL 8 DUVOICAL EDUCATION			40.005			
HEALTH & PHYSICAL EDUCATION  Gymnasium	7,840	1	<b>49,235</b> 7,840	7 stations		
Gymnasium	6,445	1	6,445	, stations		
Gymnasium	8,250	1	8,250			
PE Alternatives	4,000	1	4,000			
Gym Storeroom	1,225	1	1,225			
Gym Storeroom	1,300	1	1,300			
Locker Rooms - Boys / Girls w/ Toilets	2,000	1	2,000			
Locker Rooms - Boys / Girls w/ Toilets	2,100	1	2,100			
Locker Rooms - Boys / Girls w/ Toilets	570	1	570			
Locker Rooms - Boys / Girls w/ Toilets	625	1	625			

			1			-			
Total			New			Existing to Remain/Renovated			
area totals	# OF RMS	ROOM NFA <sup>1</sup>	area totals	# OF RMS	ROOM NFA <sup>1</sup>	area totals	# OF RMS	ROOM NFA <sup>1</sup>	
			150	1	150				
			350	1	350				
			300	1	300				
			300	1	300				
			600	1	600				
0			10,250			0			
			2,400	2	1,200				
			200	2	150				
	NAL ART	ONE ADDITIO	300 2 400	2 2	150 1,200				
	TACE AIXI	OHE ADDITIO	2,400		1,200				
			300	2	150				
			1,500	1	1,500				
			1,500	1	1,500				
	NAL MUSIC	ONE ADDITIC	850	1	850				
			300	4	75				
			500	1	500				
			200	1	200				
0			9,100			0			
			850	1	850				
			850	1	850				
			850	1	850				
			1,700	2	850				
			850	1	850				
			2,000	2	1,000				
			2,000	2	1,000				
0			29,890			0			
			12,000	1	12,000				
	NAL ALT PE	ONE ADDITIO	6,000	2	3,000				
			600	2	300				
ID.	BY AGE GRO	SEPARATED SEPARATED	4,000	2	2,000				
JP									

(refe	r to MSBA Ed		Guidelines ram & Space Standard Guidelines)
ROOM NFA <sup>1</sup>	# OF RMS	area totals	Comments
		-	
		8,200	
1,200	3	3,600	Assumed use - 25% Population - 5 times/week
150	3	450	
1,500	1	1,500	Assumed use - 25% Population - 5 times/week
1,500	1	1,500	
200	1	200	
75	6	450	
500	1	500	
		12,800	
1,200	4	4,800	Assumed use - 50% Population - 5 times/week
2,000	4	8,000	Assumed use - 50% Population - 5 times/week
2,000	7	0,000	Assumed use - 50% Population - 5 times/week
		-	
		23,816	
12,000	1	12,000	
,		,000	
3,000	1	3,000	
300	1	300	
7,616	1	7,616	5.6 sf/student total

Version

Color Key: Black=HS, Red=MS, Green=Shared

COMBINED M-H	Existing Conditions				
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF RMS	area totals		
Locker Rooms - Boys / Girls w/ Toilets	1,700	1	1,700		
Locker Rooms - Boys / Girls w/ Toilets	1,740	1	1,740		
Locker Rooms - Boys / Girls w/ Toilets	3,330	1	3,330		
Locker Rooms - Boys / Girls w/ Toilets	880	2	1,760		
Weight Room/ Fitness Center	1,080	1	1,080		
Phys. Ed. Storage	1,585	1	1,585		
Gym Storeroom	1,300	1	1,300		
Athletic Director's Office	265	1	265		
AD Clerk's Office	180	1	180		
Health Instructor's Office w/ Shower & Toilet	460	1	460		
Health Instructor's Office w/ Shower & Toilet	180	2	360		
Trainer	1,120	1	1,120		
MEDIA CENTER			9,705		
Media Center / Reading Room	4,585	1	4,585		
Media Center / Reading Room	3,045	1	3,045		
Computer Lab	745	1	745		
Computer Lab	680	1	680		
Computer Lab	650	1	650		
AUDITORIUM / DRAMA			21,600		
Auditorium	8,060	1	8,060		
Stage	2,245	1	2,245		
Auditorium	4,800	1	4,800		
Stage	1,215	1	1,215		
Auditorium Storage					
Make-up / Dressing Rooms					
Controls / Lighting / Projection					
Drama Classroom	1,285	1	1,285		
Drama Storage	1,350	1	1,350		
Drama Classroom	1,485	1	1,485		
Drama Storage	1,160	1	1,160		
DINING & FOOD SERVICE			25,065		
Cafeteria / Student Lounge / Break-out	8,075	1	8,075		
Cafeteria / Dining	6,700	1	6,700		
Silent Dining	400	1	400		
Chair / Table / Equipment Storage	1,200	1	1,200		
Scramble Serving Area					
Kitchen	3,850	1	3,850		
Kitchen	3,765	1	3,765		
Staff Lunch Room	400	1	400		
Staff Lunch Room	675	1	675		
MEDICAL			905		
Medical Suite Toilet	30	2	60		
Medical Suite Toilet	45	1	45		
Nurses' Office / Waiting Room	180	1	180		

		Ī		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	
			1,000	1		SPS SPECIF			
			500	2	1,000	(Note: one for	football/lacros	se equipmen	
			150	1	150				
			100	1	100	SPS SPECIF	IC SPACE		
			160	2	320				
			160	2	320				
			400	1	400	SPS SPECIF	IC SPACE		
		0			8,400			(	
			8,400	1	8,400				
						(Note: assum	es 1:1 technolo	ogy)	
		0			14,400			(	
			7,500	1	7,500	(Note: MSBA	caps at 750 se	ats)	
			1,600	1	1,600				
			500	1	500				
			300	2	600				
			200	1	200				
			1,500	1	1,500	SPS SPECIF	IC SPACE		
			1,500	1	1 500	SPS SPECIF	IC SPACE		
			1,000	1		SPS SPECIF			
		0			11,540			0	
			3,600	1			es 3 seatings;		
			3,600	1	3,600	(Note: assum	es 3 seatings;	240 max)	
			490	1	490				
			300	1	300				
			300	1	300	-			
			2,660	1	2,660				
			590	1	590	(Note: 590/20	= 30 people)		
		_			1,320				
		0							
		0	60 60	1 1		SEPARATED	BY AGE GRO		

(refe	r to MSBA Ed		Guidelines ram & Space Standard Guidelines)
ROOM NFA <sup>1</sup>	# OF RMS	area totals	Comments
500	1	500	
150	1	150	
250	1	250	
		8,400	
8,400	1	8,400	
		10,400	
7,500	1	7,500	2/3 Enrollment @ 10 SF/Seat - 750 seats MAX
1,600	1	1,600	2/3 Enrollment @ 10 01/30cat = 730 30ats WAX
.,000		1,000	
500	1	500	
300	2	600	
200	1	200	
		11,140	
6,800	1	6,800	3 seatings - 15SF per seat
400	4	400	
490 600	1	490	
000	1	600	
2,660	1	2,660	1600 SF for first 300 + 1 SF/student Add'l
590	1	590	20 SF/Occupant
		-	
22	4	1,210	
60	1	60	
050	4	0=0	
250	1	250	

Color Key: Black=HS, Red=MS, Green=Shared

ROOM   NFA  # OF RMS   area totals	COMBINED M-H	Existing Conditions				
Interview Room   Interview Room   Examination Room / Resting   300   1   300	ROOM TYPE		# OF RMS	area totals		
Interview Room   Interview Room   Examination Room / Resting   300   1   300	Nurses' Office / Waiting Room	190	1	190		
Interview Room   Examination Room / Resting   300   1   300     Examination Room / Resting   130   1   130     Examination Room / Resting   130   1   140     General Office / Waiting Room / Toilet   400   1   400     General Office / Waiting Room / Toilet   660   1   660     Security @ Main Entry						
Examination Room / Resting   300   1   300     Examination Room / Resting   130   1   130     Examination Room / Resting   130   1   130     Examination Room / Resting   130   1   130     ADMINISTRATION & GUIDANCE   9,542     General Office / Waiting Room / Toilet   400   1   400     General Office / Waiting Room / Toilet   660   1   660     Security @ Main Entry						
Examination Room / Resting   130		300	1	300		
General Office / Waiting Room / Toilet						
General Office / Waiting Room / Toilet   660   1   660   Security @ Main Entry	ADMINISTRATION & GUIDANCE			9,542		
Security @ Main Entry   Teachers' Mail and Time Room   110	General Office / Waiting Room / Toilet	400	1	400		
Teachers' Mail and Time Room Duplicating Room	General Office / Waiting Room / Toilet	660	1	660		
Duplicating Room	, , ,					
Duplicating Room		110	1	110		
Records Room	1 0					
Records Room	1 0					
Principal's Office w/ Conference Area         280         1         280           Principal's Office w/ Conference Area         235         1         235           Principal's Office w/ Conference Area         235         1         235           Principal's Office office         AP1         400         1         400           Assistant Principal's Office - AP2         280         1         280           Assistant Principal's Office - AP2         285         1         285           Assistant Principal's Office - AP2         285         1         285           Supervisory / Spare Office         285         1         285           Conference Room         400         1         400           Conference Room         400         1         400           Guidance Office         130         3         390           Guidance Office         180         1         180           Guidance Waiting Room         400         1         400           Guidance Waiting Room         400         1         400           Guidance Storeroom         75         1         75           Conference Room         130         1         130           Adjustment Counselor Office						
Principal's Office w/ Conference Area         235         1         235           Principal's Secretary / Waiting         400         1         400           Assistant Principal's Office - AP1         400         1         400           Assistant Principal's Office - AP2         280         1         280           Assistant Principal's Office - AP1         285         1         285           Assistant Principal's Office - AP2         285         1         285           Supervisory / Spare Office         285         1         285           Conference Room         400         1         400           Conference Room         370         1         370           Guidance Office         130         3         390           Guidance Office         180         1         450           Guidance Office         180         1         180           Guidance Waiting Room         400         1         400           Guidance Waiting Room         400         1         400           Guidance Storeroom         75         1         75           Conference Room         130         1         130           Adjustment Counselor Office         130         1						
Principal's Secretary / Waiting Assistant Principal's Office - AP1	<u>'</u>					
Assistant Principal's Office - AP1		235	1	235		
Assistant Principal's Office - AP2	, , ,	400	1	400		
Assistant Principal's Office - AP1	•		-			
Assistant Principal's Office - AP2   285	•		-			
Supervisory / Spare Office	•		-			
Conference Room	•					
Guidance Office		400	1	400		
Guidance Office	Conference Room	370	1	370		
Suidance Office	Guidance Office	130	3	390		
Spare Office         160         1         160           Guidance Waiting Room         400         1         400           Guidance Waiting Room         400         1         400           Guidance Storeroom         75         1         75           Conference Room         130         1         130           Adjustment Counselor Office         130         1         130           Adjustment Counselor         285         1         285           Career Center         285         1         285           Records Room         80         1         370           In-School Suspension         480         1         480           In-School Suspension         637         1         637           Teachers' Work Room         500         1         500           Teachers' Work Room         290         3         870           CUSTODIAL & MAINTENANCE         2,265           Custodian's Office         2         2,265           Custodian's Workshop         315         1         315           Receiving and General Supply         315         1         315           Storeroom         Network / Telecom Room         550         1 </td <td>Guidance Office</td> <td>450</td> <td>1</td> <td>450</td>	Guidance Office	450	1	450		
Guidance Waiting Room				180		
Guidance Waiting Room						
Guidance Storeroom         75         1         75           Conference Room         130         1         130           Adjustment Counselor Office         130         1         130           Adjustment Counselor         285         1         285           Career Center         285         1         285           Records Room         370         1         370           In-School Suspension         480         1         480           In-School Suspension         637         1         637           Teachers' Work Room         500         1         500           Teachers' Work Room         290         3         870           CUSTODIAL & MAINTENANCE         2,265           Custodian's Office         2         2,265           Custodian's Workshop         1,260         1         1,260           Recycling Room / Trash         315         1         315           Storeroom         Network / Telecom Room         550         1         550           Network / Telecom Room         140         1         140	Š		ļ			
Conference Room	<u>~</u>		-			
Adjustment Counselor Office       130       1       130         Adjustment Counselor       285       1       285         Career Center						
Adjustment Counselor						
Career Center         Records Room           MCAS Storage         370         1         370           In-School Suspension         480         1         480           In-School Suspension         637         1         637           Teachers' Work Room         500         1         500           Teachers' Work Room         290         3         870           CUSTODIAL & MAINTENANCE         290         3         870           Custodian's Office         2,265         2,265           Custodian's Workshop         1,260         1         1,260           Recycling Room / Trash         1,260         1         1,260           Receiving and General Supply         315         1         315           Storeroom         550         1         550           Network / Telecom Room         140         1         140						
MCAS Storage       370       1       370         In-School Suspension       480       1       480         In-School Suspension       637       1       637         Teachers' Work Room       500       1       500         Teachers' Work Room       290       3       870         CUSTODIAL & MAINTENANCE       2,265         Custodian's Office       2,265         Custodian's Workshop       1,260       1       1,260         Recycling Room / Trash       1       315       1       315         Receiving and General Supply       315       1       315         Storeroom       550       1       550         Network / Telecom Room       550       1       550         Network / Telecom Room       140       1       140	-					
In-School Suspension	Records Room					
In-School Suspension	MCAS Storage	370	1	370		
Teachers' Work Room         500         1         500           Teachers' Work Room         290         3         870           CUSTODIAL & MAINTENANCE         2,265           Custodian's Office         Custodian's Workshop         1,260         1         1,260           Recycling Room / Trash         Receiving and General Supply         315         1         315           Storeroom         Network / Telecom Room         550         1         550           Network / Telecom Room         140         1         140	<u> </u>	480	1			
Teachers' Work Room         290         3         870           CUSTODIAL & MAINTENANCE         2,265           Custodian's Office         Custodian's Workshop         1,260         1         1,260           Custodian's Storage         1,260         1         1,260         1         1,260           Recycling Room / Trash         315         1         315         315         315         1         315	In-School Suspension	637	1	637		
CUSTODIAL & MAINTENANCE         2,265           Custodian's Office         Custodian's Workshop           Custodian's Storage         1,260         1         1,260           Recycling Room / Trash         315         1         315           Storeroom         Storeroom         550         1         550           Network / Telecom Room         140         1         140				500		
Custodian's Office       Custodian's Workshop         Custodian's Storage       1,260       1       1,260         Recycling Room / Trash       Trash       1       315       1       315         Storeroom       Storeroom       550       1       550         Network / Telecom Room       140       1       140	Teachers' Work Room	290	3	870		
Custodian's Office       Custodian's Workshop         Custodian's Storage       1,260       1       1,260         Recycling Room / Trash       Trash       1       315       1       315         Storeroom       Storeroom       550       1       550         Network / Telecom Room       140       1       140	CUSTODIAL & MAINTENANCE			2,265		
Custodian's Storage       1,260       1       1,260         Recycling Room / Trash       1       315       1       315         Receiving and General Supply       315       1       315         Storeroom       550       1       550         Network / Telecom Room       140       1       140	Custodian's Office					
Recycling Room / Trash       315       1       315         Receiving and General Supply       315       1       315         Storeroom       550       1       550         Network / Telecom Room       140       1       140	'					
Receiving and General Supply         315         1         315           Storeroom         550         1         550           Network / Telecom Room         140         1         140	•	1,260	1	1,260		
Storeroom         550         1         550           Network / Telecom Room         140         1         140	, , ,					
Network / Telecom Room         550         1         550           Network / Telecom Room         140         1         140		315	1	315		
Network / Telecom Room 140 1 140		550	1	550		
OTHER Varion 8.345						
	OTHER Version			8,345		

				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
			200	1	200			
			100	1	100			
			100	1	100			
			100	3	300			
			100	3	300			
					2.225			
		0	300	1	<b>6,205</b>			0
			300	1	300			
			80	1	80			
			100	1	100			
			200	1	200			
			200	1	200			
			200	1	200			
			300	1	300			
			300	1	300			
			150	1	150			
			150	1	150			
			150	1	150			
			150	1	150			
			450	1	450	(Note: 450/15	= 30 people)	
			150	3		SEPARATED	BY AGE GRO	UP
			150	2	300			
			100	1	100			
			100	1	100			
			100	1	100			
			150	1	150			
			150	1	150			
			350 195	1	350 195			
			100	'	193			
			400	1		SPS SPECIF		
			400	1		SPS SPECIF	IC SPACE	
			340	1	340			
			340	1	340			
		0			2,645			0
		J	150	1	150			0
			250	1	250			
			375	1	375			
			400	1	400			
			490	1	490			
			780	1	780			
			200	1	200			
		0		1	0	l		0

(refe	MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)								
ROOM NFA <sup>1</sup>	# OF RMS	area totals	Comments						
100	3	300							
100	3	300							
100	6	600							
	_	5,165							
680	1	680							
100	1	100							
200	1	200							
200	1	200							
375	1	375							
373	1	373							
125	1	125							
150	1	150							
150	1	150							
120	1	120							
450	1	450							
450	_	4.050							
150	7	1,050							
100	1	100							
100	1	100							
490	1	490							
195	1	195							
600	4	000							
680	1	680							
		2,645							
150	1	150							
250 375	1	250 375							
400	1	400							
490	1	490							
780	1	780							
200	1	200							
		0							

Color Key: Black=HS, Red=MS, Green=Shared

COMBINED M-H	Existing Conditions					
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF RMS	area totals			
Town Maintenance Department	4,790	1	4,790			
Adult Education Wood Shop	1,350	1	1,350			
Town TV Studio	2,205	1	2,205			
Total Building Net Floor Area (NFA)			234,747			
Proposed Student Capacity / Enrollment						
Total Building Gross Floor Area (GFA) <sup>2</sup>			353,000			
Grossing factor (GFA/NFA)			1.50			

				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	
		0			182,140			0	
					1,360				
					273,210				
					1.5			#DIV/0!	

MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)							
ROOM NFA <sup>1</sup>	# OF RMS	area totals	Comments				
		163,906					
		1,360	172				
		233,920	245,859				
		1.43	1.50				

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

Signature of Principal Architect:

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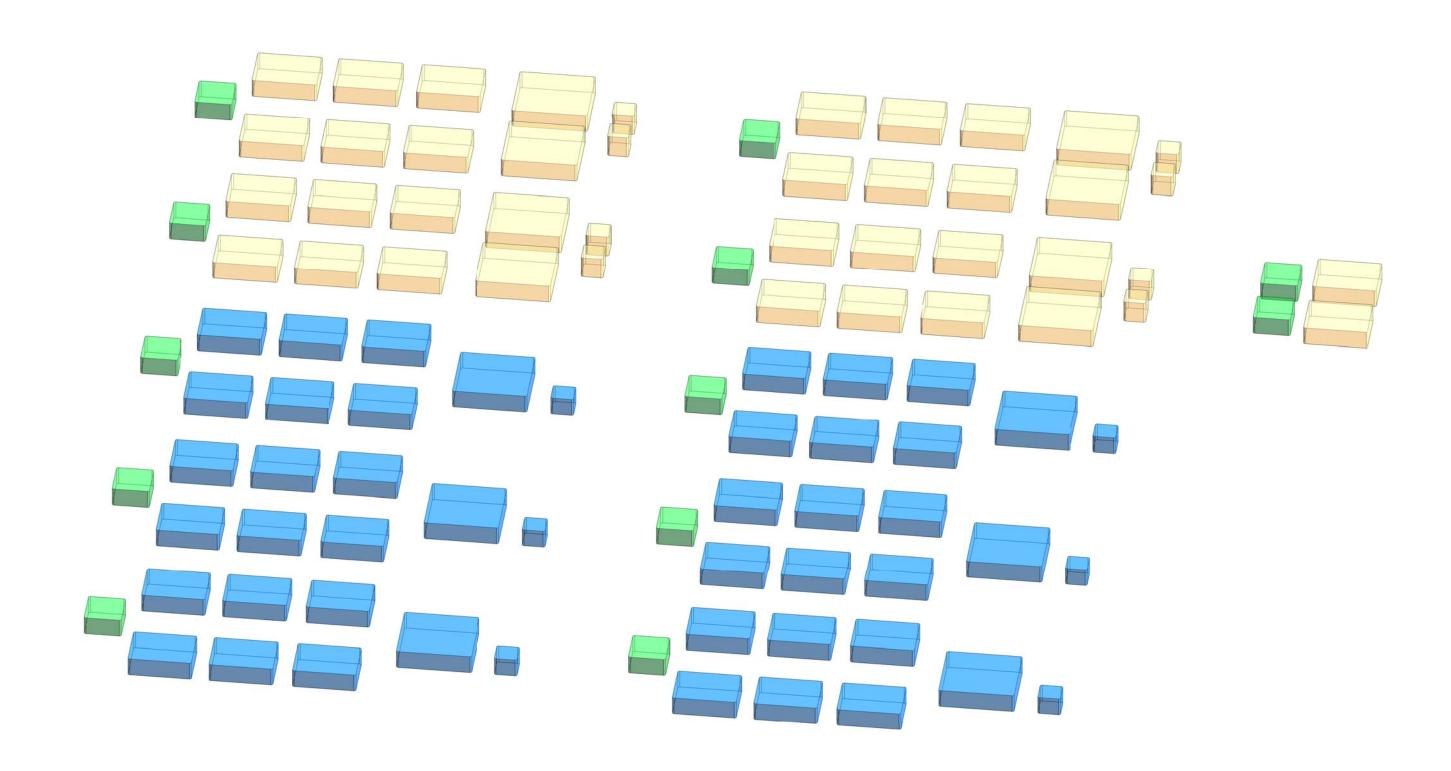
I hereby certify that all of the information provided in this "Proposed Space Summary" is true, complete and accurate and, except as agreed to in writing by the Massachusetts School Building Authority, in accordance with the guidelines, rules, regulations and policies of the Massachusetts School Building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

Name of Architect Firm:

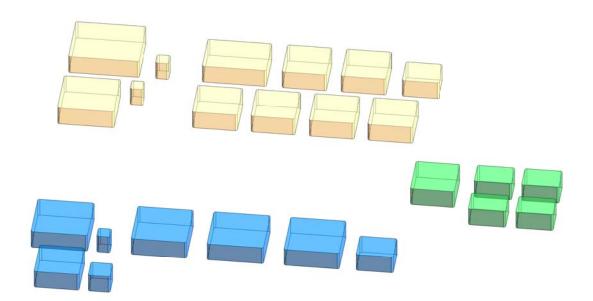
Name of Principal Architect:

Date:

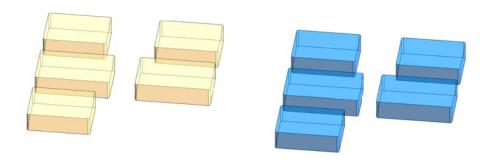
### CORE ACADEMIC SPACES



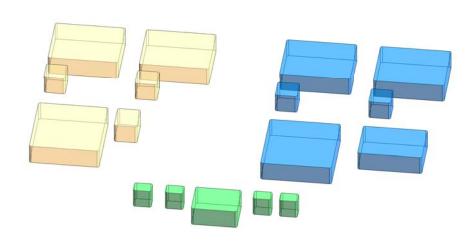
### SPECIAL EDUCATION



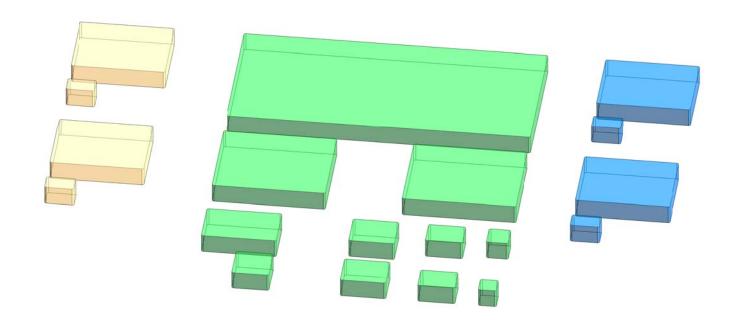
# VOCATIONS & TECHNOLOGY



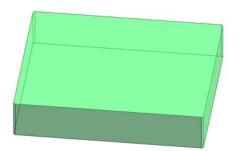
### **ART & MUSIC**



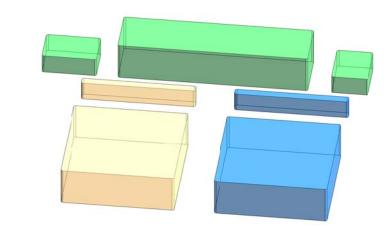
# HEALTH & PHYSICAL EDUCATION



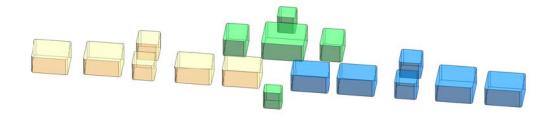
#### **LEARNING COMMONS**



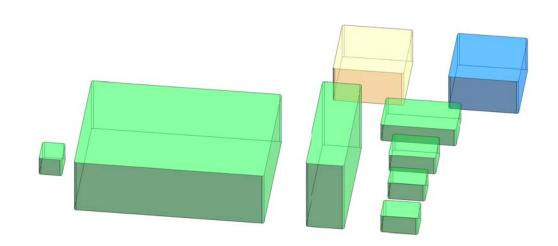
#### **DINING & FOOD SERVICES**



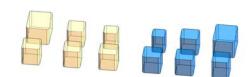
**ADMINISTRATION** 



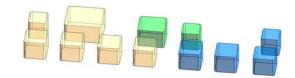
#### AUDITORIUM/ DRAMA



**MEDICAL** 



**GUIDANCE** 



CUSTODIAL & MAINTENANCE

