

Proposed Space Summary - High Schools

SAUGUS HIGH	Existing Conditions		
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
CORE ACADEMIC SPACES		34	34,035
<i>(List classrooms of different sizes separately)</i>			
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
Teacher Planning			-
Small Group Seminar (20-30 seats)			-
Science Classroom / Lab	1,230	1	1,230
Science Classroom / Lab	990	3	2,970
Science Classroom / Lab	880	4	3,520
Prep Room	200	1	200
Prep Room	145	1	145
Prep Room	135	3	405
Prep Room	95	2	190
Central Chemical Storage Rm			-
SPECIAL EDUCATION			8,865
<i>(List classrooms of different sizes separately)</i>			
Self-Contained SPED (Life Skills)	770	2	1,540
Self-Contained SPED (18-22 Program)	1,210	1	1,210
Self-Contained SPED Toilet			
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
Small Group Room			-
ETL Office/Meeting Room	390	1	390
Speech/ Testing	325	1	325
Psychologist	325	1	325
Life Skills Café			
ART & MUSIC			6,265
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
Band - 50 - 100 seats	1,525	1	1,525
Chorus - 50 - 100 seats			-
Ensemble			-
Music Practice	100	2	200
Music Storage - Instruments	210	1	210
Music Storage - Uniforms	150	1	150
Music Office	100	1	100
VOCATIONS & TECHNOLOGY			4,015
Tech Cirm. - (E.G. Drafting, Business)			-
Tech Cirm. - CADD	745	1	745
Tech Cirm. - Video Production	745	1	745
Tech Cirm. - Web Design	745	1	745
Tech Shop - (E.G. Consumer, Wood)	1,500	1	1,500
TV Studio	280	1	280

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			37,370			0
			850	26	22,100	(Note: 700/23=30x85% utilization= 26)		
			400	6	2,400			
			1,440	8	11,520	(Note: qty matches existing)		
			150	8	1,200			
			150	1	150			
		0			8,220			0
			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			
			600	1	600			
		0			5,125			0
			1,200	2	2,400			
			150	2	300			
			1,500	1	1,500			
			75	3	225			
			500	1	500			
			200	1	200			
		0			4,550			0
			850	1	850			
			850	1	850			
			850	1	850			
			1,000	2	2,000			

MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA ¹	# OF RMS	area totals	Comments
		33,840	
850	24	20,400	825 SF min - 950 SF max
100	24	2,400	
500	2	1,000	
1,440	6	8,640	3 x85% ut=20 Seats-1 per /day/student
200	6	1,200	
200	1	200	
		8,050	
950	5	4,750	assumed 6% of pop. in self-contained SPED
60	5	300	
500	3	1,500	1/2 size Genl. Clrm.
500	3	1,500	1/2 size Genl. Clrm.
		6,625	
1,200	2	2,400	Assumed use - 25% Population - 5 times/week
150	2	300	
1,500	1	1,500	Assumed use - 25% Population - 5 times/week
1,500	1	1,500	
200	1	200	
75	3	225	
500	1	500	
		6,400	
1,200	2	2,400	Assumed use - 50% Population - 5 times/week
2,000	2	4,000	Assumed use - 50% Population - 5 times/week

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Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
HEALTH & PHYSICAL EDUCATION			36,165
Gymnasium	7,840	1	7,840
Gymnasium	6,445	1	6,445
PE Alternatives	4,000	1	4,000
Gym Storeroom	2,310	1	2,310
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
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	4,450	1	4,450
Weight Room	1,080	1	1,080
Phys. Ed. Storage			-
Athletic Director's Office	265	1	265
AD Clerk's Office	180	1	180
Health Instructor's Office w/ Shower & Toilet	460	1	460
Trainer	400	1	400
MEDIA CENTER			7,565
Media Center / Reading Room	4,585	1	4,585
Computer Lab	745	4	2,980
AUDITORIUM / DRAMA			12,940
Auditorium	8,060	1	8,060
Stage	2,245	1	2,245
Auditorium Storage			-
Make-up / Dressing Rooms			-
Controls / Lighting / Projection			-
Drama Classroom	1,285	1	1,285
Drama Storage	1,350	1	1,350
DINING & FOOD SERVICE			12,325
Cafeteria / Student Lounge / Break-out	8,075	1	8,075
Chair / Table Storage			-
Scramble Serving Area			-
Kitchen	3,850	1	3,850
Staff Lunch Room	400	1	400
MEDICAL			540
Medical Suite Toilet	30	2	60
Nurses' Office / Waiting Room	180	1	180
Interview Room			-
Examination Room / Resting	300	1	300
ADMINISTRATION & GUIDANCE			4,330
General Office / Waiting Room / Toilet	400	1	400
Teachers' Mail and Time Room			-
Duplicating Room	110	1	110
Records Room	60	1	60
Principal's Office w/ Conference Area	280	1	280
Principal's Secretary / Waiting			-
Assistant Principal's Office - AP1	400	1	400
Assistant Principal's Office - AP2	280	1	280
Supervisory / Spare Office			-
Conference Room	400	1	400
MCAS Storage	370	1	370
Guidance Office	130	3	390
Guidance Waiting Room	400	1	400

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			21,190			0
			12,000	1	12,000			
			3,000	1	3,000			
			300	1	300			
			1,960	2	3,920			
			500	2	1,000			
			150	1	150			
			100	1	100			
			160	2	320			
			400	1	400			
		0			4,275			0
			4,275	1	4,275			
		0			9,492			0
			4,667	1	4,667			
			1,600	1	1,600			
			425	1	425			
			300	2	600			
			200	1	200			
			1,500	1	1,500			
			500	1	500			
		0			6,850			0
			3,500	1	3,500			
			325	1	325			
			600	1	600			
			2,000	1	2,000			
			425	1	425			
		0			710			0
			60	1	60			
			250	1	250			
			100	1	100			
			100	3	300			
		0			3,838			0
			350	1	350			
			100	1	100			
			200	1	200			
			200	1	200			
			250	1	250			
			150	1	150			
			150	1	150			
			450	1	450			
			150	3	450			
			100	1	100			

MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA ¹	# OF RMS	area totals	Comments
		20,120	
12,000	1	12,000	
3,000	1	3,000	
300	1	300	
3,920	1	3,920	5.6 sf/student total
500	1	500	
150	1	150	
250	1	250	
		4,275	
4,275	1	4,275	
		7,492	
4,667	1	4,667	2/3 Enrollment @ 10 SF/Seat - 750 seats MAX
1,600	1	1,600	
425	1	425	
300	2	600	
200	1	200	
		6,850	
3,500	1	3,500	3 seatings - 15SF per seat
325	1	325	
600	1	600	
2,000	1	2,000	1600 SF for first 300 + 1 SF/student Add'l
425	1	425	20 SF/Occupant
		710	
60	1	60	
250	1	250	
100	1	100	
100	3	300	
		3,658	
350	1	350	
100	1	100	
200	1	200	
200	1	200	
375	1	375	
125	1	125	
150	1	150	
150	0	-	
120	1	120	
450	1	450	
150	4	600	
100	1	100	

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SAUGUS HIGH			
Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
Conference Room	130	1	130
Guidance Storeroom			-
Adjustment Counselor Office	130	1	130
In-School Suspension	480	1	480
Career Center			-
Records Room			-
Teachers' Work Room	500	1	500
CUSTODIAL & MAINTENANCE			1,810
Custodian's Office			-
Custodian's Workshop			-
Custodian's Storage	1,260	1	1,260
Recycling Room / Trash			-
Receiving and General Supply			-
Storeroom			-
Network / Telecom Room	550	1	550
OTHER			9,355
Town Maintenance Department	4,450	1	4,450
Adult Education Wood Shop	2,700	1	2,700
Town TV Studio	2,205	1	2,205
Total Building Net Floor Area (NFA)			138,210
Proposed Student Capacity / Enrollment			
Total Building Gross Floor Area (GFA)²			193,200
Grossing factor (GFA/NFA)			1.40

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
			100	1	100			
			150	1	150			
			400	1	400			
			325	1	325			
			113	1	113			
			350	1	350			
		0			2,150			0
			150	1	150			
			250	1	250			
			375	1	375			
			400	1	400			
			325	1	325			
			450	1	450			
			200	1	200			
		0			0			0
		0			103,770			0
					155,655			
					1.5			#DIV/0!

MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA ¹	# OF RMS	area totals	Comments
100	1	100	
325	1	325	
113	1	113	
350	1	350	
		2,150	
150	1	150	
250	1	250	
375	1	375	
400	1	400	
325	1	325	
450	1	450	
200	1	200	
		0	
		100,169	
		700	214
		149,800	
		1.50	

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: _____