

Proposed Space Summary - High Schools

ARLINGTON HIGH SCHOOL			
Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
LABBB Classroom -18-22	695	1	695
LABBB Common Space	1,115	1	1,115
LABBB Nurse (T/Office/Rest)	75	1	75
LABBB Quiet Room	245	1	245
LABBB Quiet Room	85	1	85
LABBB Office (2) & Conference	270	1	270
LABBB Planning Room			
LABBB Office	85	1	85
LABBB Open Office (4)			
LABBB OT/PT	1,435	1	1,435
LABBB Storage	295	1	295
LABBB Storage	70	1	70
ART & MUSIC			11,280
Art Classroom - 25 seats	910	1	910
Art Classroom - 25 seats	905	1	905
Art Classroom - 25 seats	915	1	915
Art Classroom - 25 seats	890	1	890
Art Workroom w/ Storage & kiln	145	1	145
Art Workroom w/ Storage & kiln	130	1	130
Art Storage	90	1	90
Kiln Room	175	1	175
Art Gallery	1,040	1	1,040
Visual Arts Office -Dept Head	190	1	190
Band - 50 - 100 seats	1,500	1	1,500
Chorus - 50 - 100 seats	1,320	1	1,320
Performing Arts	1,340	1	1,340
Performing Arts Control Room			
Ensemble	145	1	145
Music Practice	75	1	75
Music Practice	85	1	85
Music Practice	70	1	70
Music Instrument Storage	135	1	135
Music Instrument Storage	155	1	155
Music Instrument Storage	170	1	170
Music Storage	75	1	75
Music Uniform/Costume Storage	215	2	430
Performing Arts Office -Dept Head	295	1	295
Performing Arts Office -Team Leader	95	1	95
VOCATIONS & TECHNOLOGY			20,715
Tech Cirm. - (E.G. Drafting, Business)			
Tech Shop - (E.G. Consumer, Wood)			
Makerspace/ Wood Shop	1,845	1	1,845
Wood Storage	835	1	835
Dust Collection	360	1	360
Makerspace/ Engineering	980	1	980

PROPOSED for Schematic Design								
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
			850	1	850			
			880	1	880			
			310	1	310			
			90	3	270			
			310	1	310			
			440	1	440			
			1,200	1	1,200			
			320	1	320			
		0			15,200			0
			1,200	4	4,800			
			150	2	300			
			300	1	300			
			2,500	1	2,500			
			2,500	1	2,500			
			2,810	1	2,810			
			190	1	190			
			200	1	200			
			75	8	600			
			500	2	1,000			
		0			19,200			0
			2,000	1	2,000			
			2,000	1	2,000			

Schematic Design Program			
MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA ¹	# OF RMS	area totals	Comments
		8,350	
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	8	600	
500	1	500	
		19,200	
1,200	6	7,200	Assumed use - 50% Population - 5 times/week
2,000	6	12,000	Assumed use - 50% Population - 5 times/week

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ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
Athletic Storage4	480	1	480
Health Instructor's Office w/ Shower & Toilet			-
PE Teacher Office1	150	1	150
PE Teacher Office2	250	1	250
PE Teacher Office3	220	1	220
Coach's Office	130	1	130
Trainer's Room/Laundry/Ice	515	1	515
LIBRARY LEARNING COMMONS			9,520
Library Learning Commons	7,520	1	7,520
Upper Library Learning Commons			
LLC -Workroom	435	1	435
LLC -Conference Room	165	1	165
LLC -Office	165	1	165
LLC -Tech Storage1	45	1	45
LLC -Tech Storage2	260	1	260
LLC -Tech Storage3	185	1	185
Learning Center	745	1	745
Computer Lab			
AUDITORIUM / DRAMA			8,140
Auditorium	5,660	1	5,660
Larger Auditorium			
Stage	2,140	1	2,140
Auditorium Storage (exist at stage wing)			
Auditorium Storage			
Make-up / Dressing Rooms			0
Controls / Lighting / Projection	340	1	340
DINING & FOOD SERVICE			14,770
Cafeteria / Student Lounge / Break-out	7,455	1	7,455
Chair / Table Storage	785	1	785
Scramble Serving Area (exist w Kitchen)			0
Kitchen	6,530	1	6,530
Staff Lunch Room			0
MEDICAL			860
Medical Suite Toilet	60	1	60
Nurses' Office / Waiting Room	185	1	185
Nurses' Office	85	1	85
Interview Room	130	1	130
Examination Room / Resting	245	1	245
Quiet Room	155	1	155
ADMINISTRATION & GUIDANCE			7,235
General Office / Waiting Room / Toilet	465	1	465
Secure check-in "Reception" (exist in Lobby)			

PROPOSED for Schematic Design								
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
			120	2	240			
			500	1	500			
		0			12,550			0
			10,030	1	10,030			
			470	1	470			
			400	1	400			
			250	1	250			
			200	1	200			
			350	1	350			
			850	1	850			
		0			12,440			0
			7,500	1	7,500			
			1,500	1	1,500			
			2,140	1	2,140			
			340	1	340			
			200	1	200			
			290	2	580			
			180	1	180			
		0			13,708			0
			8,775	1	8,775			
			589	1	589			
			600	1	600			
			3,055	1	3,055			
			689	1	689			
		0			1,510			0
			60	1	60			
			320	1	320			
			100	1	100			
			150	2	300			
			480	1	480			
			250	1	250			
		0			7,095			0
			300	1	300			
			120	1	120			

Schematic Design Program			
MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA ¹	# OF RMS	area totals	Comments
250	1	250	
		10,869	
10,869	1	10,869	
		10,400	
7,500	1	7,500	2/3 Enrollment @ 10 SF/Seat - 750 seats MAX
1,600	1	1,600	
500	1	500	
300	2	600	
200	1	200	
		13,708	
8,775	1	8,775	3 seatings - 15SF per seat
589	1	589	
600	1	600	
3,055	1	3,055	1600 SF for first 300 + 1 SF/student Add'l
689	1	689	20 SF/Occupant
		1,510	
60	1	60	
250	1	250	
100	4	400	
100	8	800	
		6,158	
878	1	878	

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ARLINGTON HIGH SCHOOL	Existing Conditions		
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
Payroll Manager's Office	205	1	205
Payroll Office (5)	930	1	930
Payroll Storage	370	1	370
Payroll Storage (in corridor)	310	1	310
Total Building Net Floor Area (NFA)			226,135
Proposed Student Capacity / Enrollment			
NON-PROGRAMMED SPACES			
Other Occupied Rooms (list separately)			
Unoccupied MEP/FP Spaces			
Unoccupied Closets, Supply Rooms & Storage Rooms			
Toilet Rooms			
Circulation (corridors, stairs, ramps & elevators)			
Remaining ³			
Total Building Gross Floor Area (GFA) ²			391,875
Grossing factor (GFA/NFA)			1.73

PROPOSED for Schematic Design								
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
			150	1	150			
			800	1	800			
			500	0	-			
		0			271,490			0
		% of GFA 0			% of GFA 137,100			% of GFA 0
					6,182			
					2,000			
					8,100			
					94,720			
					26,098			0
					408,590			0
		#DIV/0!			1.50			#DIV/0!

Schematic Design Program			
MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA ¹	# OF RMS	area totals	Comments
		200,084	
		1,755	160
			Non-Programmed space areas are required to be included in the following submittals:
			Schematic Design Submittal
			Design Development Submittal
			60% Construction Documents
			90% Construction Documents
			Final Construction Documents
		280,800	300,126
		1.40	1.50

¹ Individual Room Net Floor Area (NFA) net square

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

³ Remaining Includes exterior walls, interior partitions, chases, and other areas not listed above. Do not calculate this area, it is assumed to equal the difference between the Total Building Gross Floor Area and area not accounted for above.

Architect Certification	I hereby
Name of Architect Firm: <u>HMFH Architects, Inc.</u>	
Name of Principal Architect: <u>Lori Cowles</u>	
Signature of Principal Architect: _____	
Date: <u>11-Apr-19</u>	