

Proposed Space Summary - Concord-Carlisle Regional High School - Option 14C

Concord-Carlisle Regional High School	Existing Conditions		
	ROOM NFA ¹	# OF RMS	area totals
ROOMTYPE			
Art Storage - General	150	1	150
Performance and Music		3	4,110
Band - 50-100 seats	1,600	1	1,600
Chorus - 50-100 seats	1,420	1	1,420
Ensemble (Chamber Orchestra)	1,090	1	1,090
Drama Classroom			
Music Practice		3	215
Practice	70	1	70
Practice	70	1	70
Practice	75	1	75
Music Support		4	769
Perf. Arts Teacher's Center			
Orch. Office	240	1	240
Band Office	169	1	169
Chorus Office	200	1	200
Theater Office	160	1	160
Music Storage		3	305
Band Storage	120	1	120
Music Library (Sheet Music)	75	1	75
Drama Costume Storage	110	1	110
Electronic Music Lab (MIDI)		5	1,100
Digital Music Classroom	600	1	600
Electronic Music Lab Control Room	225	1	225
Recording Booth	100	1	100
Recording Booth	130	1	130
Recording Booth	45	1	45
VOCATIONS & TECHNOLOGY			8,035
Tech Cirm. - (E.G. Drafting, Business)			4,475
Mac Lab Video (currently in Art)	1,175	1	1,175
Architecture/Sculpture (1-TS)	1,500	1	1,500
Architecture/Sculpture Storage	150	1	150
IT Instruction (3 staff + 4 students)			
IT Office / Instruction (In ex. Mac Lab)	190	1	190
IT Office / Instruction (In ex. Mac Lab)	100	1	100
Digital Imaging (1-TS) [ex PC Lab]	1,360	1	1,360
Tech Shop - (E.G. Consumer, Wood)			3,560
Woodworking / Maint. / Set Const.	1,780	1	1,780
Woodworking / Spray Booth	140	1	140
Woodworking Storage	140	1	140
Fabrication Lab			
Engineering/Robotics	1,500	1	1,500

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
			300	0	0		0	0
				4	5,500		4	5,500
			2,000	1	2,000			
			1,400	1	1,400			
			500	1	500			
			1,600	1	1,600			
				5	450		5	450
			75	4	300			
			150	1	150			
				1	400		1	400
			400	1	400			
				1	500		1	500
			500	1	500			
				5	1,100		5	1,100
			600	1	600			
			225	1	225			
			100	1	100			
			130	1	130			
			45	1	45			
			0		8,350			8,350
					3,150			3,150
					1,200			1,200
					150			150
					600			600
					1,200			1,200
					5,200			5,200
					2,000			2,000
					1,200			1,200

MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA ¹	# OF RMS	area totals	Comments
			now in gross
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	
1,200	4	4,800	Assumed use - 50% Population - 5 times/week
2,000	4	8,000	Assumed use - 50% Population - 5 times/week

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	ROOM NFA ¹	# OF RMS	area totals
ROOMTYPE			
HEALTH & PHYSICAL EDUCATION			31,075
16 ex. Teaching Stations (TS) incl. 2- Health in core acad		3	21,415
Gymnasium (1 Ex. TS - Performance)	9,775	1	9,775
PE Alternatives (MSBA) (1 Ex. TS)	2,100	1	2,100
PE Alternative (ex. Lower Gym)	9,540	1	9,540
Gym Storeroom (MSBA)		3	510
Ex. Upper Gym Storage	130	1	260
Ex. Upper Gym Storage	120	1	120
Ex. Weight Room Storage	65	1	130
Locker Rooms - Boys/Girls w/Toilets		2	8,305
Girls	4,405	1	4,405
Boys	3,900	1	3,900
Phys. Ed. Storage (MSBA)		3	500
Phys. Ed. Storage	260	1	260
Phys. Ed. Storage	170	1	170
Phys. Ed. Storage	70	1	70
Athletic Director's Office		1	145
Ex. Athletic Director's Office	120	1	120
Ex. Athletic Director's Office Storage	25	1	25
Health Instructor Office w/Shower & Toilet		1	200
Teacher's Center (5-FTE)			
Girls P.E. Office Locker Room	200	1	200
MEDIA CENTER			13,480
Media Center/Reading Room			
Commons/Media Center (4-staff / FTE) (Ex. area less Mac Lab)			13,480
Lower Library (inc. Lower level ramps)	5,640	1	5,640
Upper Library (stacks)	6,850	1	6,850
Library Office	640	1	640
Project Room / Conference	350	1	350
Faculty/Staff Workroom			
Faculty/Staff Break room			
Circulation Desk			
Silent Area/study carrels			
Group workstations			
Stacks area (11,800 vols)			
Conference/Project Rooms			
Large			
Medium (sim. to SPED / Guidance)			
Small (independent Study)			
Student Presentation area (Multi-purpose)			

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			23,060			23,060
		0		2	14,750		2	14,750
				1	12,000			12,000
				1	2,750			2,750
				0	0			0
		0		1	300		1	300
		0		4	6,860		4	6,860
		0		1	500		1	500
		0		1	150		1	150
		0		2	500		2	500
		0		2	500			500
		0			8,600			8,600
								8,600
								400
								400
								850
								3,400
								2,000
								400
								250
								100
								600

MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA ¹	# OF RMS	area totals	Comments
		23,060	
12,000	1	12,000	
3,000	1	3,000	
300	1	300	
6,860	1	6,860	5.6 sf/student total
500	1	500	
150	1	150	
250	1	250	separate male and female req'd
		7,556	
7,556	1	7,556	

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	ROOM NFA ¹	# OF RMS	area totals
ROOM TYPE			
AUDITORIUM / DRAMA			9,667
Auditorium (ex. 604 seats)	6,090	1	6,090
Stage	1,770	1	1,770
Wings 2 @ (15x40')			
Auditorium Storage	190	1	190
Theater Storage			
Make-up / Dressing Rooms			
Ex. outside portable units	504	3	1,512
Controls / Lighting / Projection	105	1	105
DINING & FOOD SERVICE			13,068
Cafeteria / Student Lounge/ Break-out	8,880	1	8,880
Chair / Table Storage			
Scramble Serving Area			
Kitchen	2,245	1	2,245
Dishwashing	330	1	330
Kitchen Office	165	1	165
Food Storage	260	1	260
Walk-in Cooler	95	1	95
Walk-in Freezer	55	1	55
Walk-in Freezer	80	1	80
Staff Lunch Room	860	1	860
Staff Lockers	60	1	60
Kitchen Staff Toilet	38	1	38
MEDICAL			690
Medical Suite Toilet	45	1	45
Nurses' Office/Waiting Room	500	1	500
Interview Room			
Examination Room / Resting	145	1	145

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			10,400			10,400
			6,000	1	6,000			
			1,600	1	1,600			
			600	2	1,200			
			400	2	800			
			300	2	600			
			200	1	200			
		0			10,262			10,262
			6,125	1	6,125			
			456	1	456			
			600	1	600			
			2,525	1	2,525			
			556	1	556			
		0			1,110			1,110
			60	1	60			
			250	1	250			
			100	3	300			
			100	5	500			

MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA ¹	# OF RMS	area totals	Comments
		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	
		10,262	
6,125	1	6,125	3 seatings - 155F per seat
456	1	456	
600	1	600	
2,525	1	2,525	1600 SF for first 300 + 1 SF/student Add'l
556	1	556	20 SF/Occupant
		1,110	
60	1	60	
250	1	250	
100	3	300	
100	5	500	

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	ROOM NFA ¹	# OF RMS	area totals
ROOM TYPE			
CUSTODIAL & MAINTENANCE		7	2,779
Custodian's Office			
Ex. Custodian's Office	450	1	450
Ex. Custodian's Office	75	1	75
Custodian's Workshop			
Ex. Maintenance Department	1,250	1	1,250
Custodian's Storage			
Ex. Custodian's Storage	80	1	80
Ex. Custodian's Storage	165	1	165
Ex. Custodian's Storage	255	1	255
Recycling Room / Trash			
Receiving and General Supply			
Storeroom			
Ex. trailer	504	1	504
Network/Telecom Room			
Existing included in gsf			
Ex. Grounds Equip. (incl. in gsf)			
Ex. Custodial Clos. (incl. in gsf)			
Ex. Telecom. Switch Clos. (incl. in gsf)			

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			2,544			2,544
			150	1	150			
			250	1	250			
			375	1	375			
			400	1	400			
			456	1	456			
			713	1	713			
			200	1	200			

MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA ¹	# OF RMS	area totals	Comments
		2,544	
150	1	150	
250	1	250	
375	1	375	
400	1	400	
456	1	456	
713	1	713	
200	1	200	

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Concord-Carlisle Regional High School	Existing Conditions		
	ROOM NFA ¹	# OF RMS	area totals
ROOM TYPE			
Total Building Net Floor Area (NFA) <i>(Program does not include a Field House)</i>			170,390
Proposed Student Capacity/Enrollment			
Total Building Gross Floor Area (GFA) ²			233,800
Ex. Permanent Building	230,050		
Ex. Temporary Buildings	3,750		
Grossing factor (GFA/NFA)			1.37

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			165,592			165,592
					1,225			1,225
		0	* see embedded formula		240,601			240,601
			* For larger base bldg		1.45			1.45
			* For premium att		1.50			1.50

MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA ¹	# OF RMS	area totals	Comments
		152,692	
		1,225	181
		221,725	
		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

<p>Architect Certification</p> <p>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.</p> <p align="center">Name of Architect Firm: <u>OMR Architects</u></p> <p align="center">Name of Principal Architect: <u>Jeanne Kuespert Roberts, AIA</u></p> <p align="center">Signature of Principal Architect: _____</p> <p align="center">Date: _____</p>
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