Concord-Carlisle High School

Preferred Schematic Report

5 Proposed Space Summary

• Proposed Space Summary: 6R2

• Proposed Space Summary: 14B

• Proposed Space Summary: 14C

Preferred Schematic Report

Introduction

Please refer to the April 1, 2011 Preliminary Design Program for the existing floor plans.

There are now three different Proposed Space Summaries documenting the Options 6R2, 14B and 14C. These have been vetted with the MSBA, since the PDP was submitted. Since April 1, we have had a PDP/ FAS meeting and numerous phone calls and emails to reach a desired outcome on the proposed space summary. Attached are the final results of those conversations. In the appendix of the PSR, we have attached the District letter sent to the MSBA on May 18 which is the response to the MSBA letter of May 13 to the District. Our space summaries have been adjusted and color coded to show the dates of these changes.

The figures are:

- Option 6R2: Proposed Total SF 165,592 NSF; 240,278 GSF; Grossing factor of 1.45 in the existing renovated building and in the new building.
- Option 14B: Proposed Total SF 165,592 NSF; 242,101 GSF; Grossing factor of 1.65 in the existing renovated building and 1.45 in the new building.
- Option 14C: Proposed Total SF 165,592 NSF; 240,601 GSF; Grossing factor of 1.45 in new base building and 1.50 for the smaller addition which has its own independent services.

We have included a Space Summary Overview cover page before each space summary for ease of navigation. As stated previously, the existing gross square footage is below the proposed as the current building is lacking enough gross square footage to satisfactorily support the educational program. Currently trailers, closets and storage spaces are used as net square footage, and corridors are often exterior to the building. Mechanical spaces are undersized and in tunnels while restrooms are undersized and limited. The 1.37 existing net to gross ratio is exceedingly tight for the appropriate educational program.

The proposed space summaries each continue to show differences between the District's proposed program and the MSBA guidelines as follows:

- Core Academic Spaces and SPED: Average class size at CCHS is 22 students, thereby allowing the rooms to be 825 square feet. Due to the SPED inclusion model approach, the core academic space needs have been maximized and the SPED spaces reduced for a combined result which is below MSBA guidelines. The high level of course offerings and enrichment opportunities adds to the number of individual spaces that are utilized in any given day.
- Art & Music and Vocations & Technology: Due to the CCHS needs and strong music, drama, and arts program, the Art & Music spaces have been balanced with the Vocations & Technology spaces.

Preferred Schematic Report

- Health and Physical Education: All students must complete four years of PE, plus a senior wellness project. The school also has a heavily used athletic and after school program and could not maintain the Towns' requirements without retaining the quantity of gym and alternate spaces for these programs. The May 18 letter shows a chart of a sample practice week. The utilization rate of each of the existing spaces depicts the need for the additional spaces proposed over the MSBA guidelines. These additional spaces, though, are carried in the Other section and the Health and PE section is zeroed out.
- Media Center: The library at CCHS has always been in high demand and is routinely beyond capacity with students seeking access to the technology located within. Often three classes are booked simultaneously in the library. This space is slightly over the MSBA guidelines.
- Administration and Guidance: There is a high quantity of administrative, guidance and student support personnel due to the intensive monitoring and attention given to the students at CCHS. This intensity positions the students for a successful college acceptance history. The METCO space is additional to MSBA. A revised caseload chart can be found in section 4.
- Other: In addition to the additional PE and athletic spaces noted above, the Other category includes a radio station, CCTV and offices for adult education.

Concord-Carlisle Regional High School	Ex	isting Condit	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
ORE ACADEMIC SPACES			57,476
(List classrooms of different sizes separately)			
Classroom - General		41	32,771
English (15 FTE)		10	7,616
Ex CR - English	800	1	800
Ex CR - English	790	1	79
Ex CR - English	800	1	80
Ex CR - English	795	1	79
Ex CR - English (shared w/Social Sci.)	795	1	79
Ex CR - English (shared w/Social Sci.)	820	1	82
Ex CR - English	656	1	65
Ex CR - English (small)	310	1	31
Ex CR - English (shared w/F. Language)	1,010	1	1,01
English (separate Resource Ctr; Writing Lab)			
English/Social Sciences (SSERC) Resource Ctr.	840	1	84
Social Science (14 FTE)		9	6,75
Ex CR-Social Science	795	1	79
Ex CR-Social Science	795	1	79
Ex CR-Social Science	800	1	80
Ex CR-Social Science	800	1	80
Ex CR-Social Science	795	1	79
Ex CR-Social Science	785	1	78
Ex CR-Social Science	780	1	78
Ex CR-Social Science	600	2	1,20
SS Resource Ctr. (none existing)			

				Proposed					
Existing	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			63,420			63,420	
				40	34,175		40	34,175	
				10	8,250		10	8,25	
			825	9	7,425				
			825	1	825				
				9	7,425		9	7,42	
			825	9	7,425				
	-								

(ref	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)								
ROOM NFA ¹	# OF RMS	area totals	Comments						
		50.000							
		58,690							
850	41	34,850	825 SF min - 950 SF max						

Concord-Carlisle Regional High School	Ex	isting Condit	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
Math (16 FTE)		10	8,355
Ex CR-Math	810	1	810
Ex CR-Math	800	1	800
Ex CR-Math	795	1	795
Ex CR-Math	815	1	815
Ex CR-Math	1,080	1	1,080
Ex CR-Math	815	1	815
Ex CR-Math	815	1	815
Ex CR-Math	815	1	815
Ex CR-Math	810	1	810
Ex. Math (MARC) Resource Ctr.	800	1	800
Foreign Language (13 FTE)		10	8,700
Ex CR-Foreign Language	750	1	750
Ex CR-Foreign Language	750	1	750
Ex CR-Foreign Language	750	1	750
Ex CR-Foreign Language	750	1	750
Ex CR-Foreign Language	750	1	750
Ex CR-Foreign Language	750	1	750
Ex CR-Foreign Language	750	1	750
Ex CR-Foreign Language	750	1	750
Ex CR-Foreign Language	750	1	750
Ex Foreign Language Lab / Resource Ctr.	1,950	1	1,950
Health		2	1,350
Health Classroom (1 Ex. TS)	750	1	750
Health Classroom (1 Ex. TS- portable)	600	1	600
Teacher Planning (was Misc. Support. Spaces)		6	7,560
Ex. English (separate)	1,400	1	1,400
Ex. English/Social Sciences (shared)	910	1	910
Ex. Social Sciences (separate)	1,290	1	1,290
Ex. Math	1,270	1	1,270
Ex. Foreign Language (separate)	1,595	1	1,595
Ex. Science (separate)	1,095	1	1,095

				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
				10	8,250		10	8,25
			825	9	7,425			
			825	1	825			
			023	'	023			
				10	9,425		10	9,4
			825	9	7,425			
			2,000	11	2,000			
					005			8
			825	1	825 825		1	8
			025	0	0			
			- O	0	J			
				5	7,400		5	7,4
			1,500	1	1,500			
			1,400	1	1,400			
			1,300	1	1,300			
			1,600	1	1,600			
			1,600	1	1,600			

(re	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)						
ROOM NFA ¹	# OF RMS	area totals	Comments				
100	41	4,100					

Concord-Carlisle Regional High School	NFA 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ions	
ROOM TYPE		# OF RMS	area total
Group Seminar / Presentation (small: 20-30)		1	1,690
Small Foreign Language w/ kitchenette			
Small Foreign Language w/ kitchenette			
Small Group - standard			
Small Group - standard			
Small Group - standard			
Large Group Seminar / Presentation (60-80)	1,690	1	1,6
Science Classroom / Lab (16 FTE)		13	13,075
Biology		4	3,7
ExCR Biology Classroom	_	· ·	
ExCR Biology Classroom/Lab	880	1	ŧ
ExCR Biology Classroom/Lab	1,040	1	1,0
ExCR Biology Classroom/Lab	975	1	9
Chemistry		4	4,3
ExCR Chemistry Classroom	780	1	
ExCR Chemistry Classroom	780	1	7
ExCR Chemistry Classroom/Lab	1,480	1	1,4
ExCR Chemistry Classroom/Lab	1,320	1	1,3
Physics		2	2,3
ExCR Physics Classroom/Lab	1,190	1	1,
ExCR Physics Classroom/Lab	1,180	1	1,
Earth Science		2	1,
ExCR Earth Science Classroom	850	1	
ExCR Earth Science Classroom	840	1	
Science Resource Ctr (former writing lab)	870	1	
Prep Room		11	2,380
Biology Prep Room	320	1	
Biology Prep Room	520	1	
Chemistry Prep Room	260	1	
Chemistry Storage	-	· ·	
Chemistry Storage			
Physics Prep Room			
Earth Science Prep Room	-		
Earth Science Prep Room		· ·	
Earth Science Storage			
Earth Science Storage	80	1	
Chemical Storage Prep Room			
Facility I and the Description of Change	160	1	
Foreign Language Recording&Storage Foreign Language Lab Storage			

				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
				3	2,700		3	2,700
			500	1	500			
			500	1	500			
			1,700	1	1,700			
				13	16,745		13	16,745
			1,440	4	5,760 5,760		4	5,760
			1,440	4	5,700			
				4	5,760		4	5,760
			1,440	4	5,760			
				2	2,400		2	2,400
			1,200	2	2,400			
			4.000	2	2,400 2,400		2	2,400
			1,200		2,400			
			425	1	425		1	425
				13	2,200		13	2,200
		1	150	4	600			
		1	450	4	600		-	-
			150	4	600			
			200	2	400			
-			200	2	400			
								-
							-	
			200	1	200			
			200	'	200			
				-				
			200	1	200		1	200

(re	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)						
ROOM NFA ¹	# OF RMS	area totals	Comments				
500	3	1,500					
1,440	11	15,840	3 x85% ut=20 Seats-1 per /day/student				
200	11	2,200					
		<u> </u>					
200	1	200					

Concord-Carlisle Regional High School	Ex	disting Condit	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
DESCRIPTION TO STATE OF THE STA		0.4	
(List classrooms of different sizes separately)		21	7,145
(LISI Classicums of uniterent sizes separately)			
Self-Contained SPED	765	1	76
"Alt Pro" (Alternative Program)	850	1	85
"Lighthouse" (Post-Hospitalization)			
Self-Contained SPED Toilet			
OT / PT Therapy and SPED Classroom	780	1	78
"Pathways" SPED	615	1	61
Resource Room	580	1	58
Small Group Room			
Resource Rooms / Seminar Rooms	104	9	93
SPED Offices		-	-
SPED Psychologist Offices			
Small Group / Conference Room	230	1	23
oman croup / comoronec recom	200	·	
SPED Support			
SPED Secretary	260	1	26
SPED Waiting	175	1	17
SPED Workroom	155	1	15
SPED Kitchenette	45	1	4
"Compass" (ex. program)	940	1	94
ELL / SPED (shared classroom)	815	1	81
RT & MUSIC			11,779
Art Classroom - 25 seats		3	3,515
Art Workroom w/ Storage & kiln		5	565
OD 4+ OD (4 TO)	4 405		4.40
2D Art CR (1-TS)	1,465	1	1,46
2D Art Storage	120	1	12
Ceramics (1-TS)	1,290	1	1,29
Ceramics Storage	100	1	10
Ceramics Storage	90	1	9
Kiln Room (none existing)	700		
Photography CR (1-TS)	760	1	76
Dark Room	210	1	2
Photography Storage	45	1	
Art Teacher's Center (5 FTE)	330	1	33
Art Gallery		1	720
Student Gallery	720	1	72

				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 total
		1,800			4,170			5,97
		1,600			4,170			3,9
			825	1	825			
			825	1	825			
			1,010	1	1,010			
			1,010	1	1,010			
			500	1	500			
100	4	400	100	0	0			
100	2	200	100	0	0			
250	2	500	250	0	0			
230		300	230	0	Ü			
250	1	250	250	0	0			
150	1	150	150	0	0			
150	1	150	150	0	0			
150	1	150	150	0	0			
		0.050			F 000			40.0
		6,850		3	5,800 3,225		3	12,6 3,225
				3	450		3	450
							_	.50
			1,200	1	1,200			
			150	0	0			
			1,200	1	1,200			
			300	0	0			
			100	1	100			
			825	1	825			
			300	1	300			
			50	1	50			
					500			86.
			500	1	500		1	500
				1	525		1	525
			525	1	525		1	525

(ref	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)							
ROOM NFA ¹	# OF RMS	area totals	Comments					
		13,090						
950	9	8,550	and the second of the second o					
950	9	8,550	assumed 8% of pop. in self-contained SPED					
60	9	540						
		0.10						
500	4	2,000	1/2 size Genl. Clrm.					
500	4	2,000	1/2 size Genl. Clrm.					
1								
		8,200						
1,200	3	3,600	Assumed use - 25% Population - 5 times/week					
150	3	450						
			now in gross					
			now in gross					
			JKR note: this is a subtotal line					
			there is now 525 in net and 225 sf in gross					

Concord-Carlisle Regional High School	Ex	isting Conditi	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
A + Currage Conorel	150	1	150
Art Storage - General	150		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
Thoater Since			100
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 Clrm (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 7- Spray Booth Woodworking Storage	140	1	140
Fabrication Lab	170		
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 total	
			200	0	0		0	^	
			300	0	0		0	0	
	4	5,500		0	0		4	5,500	
2,000	1	2,000	2,000	0	0				
1,400	1	1,400	1,400	0	0				
500	1	500	500	0	0				
1,600	1	1,600	1,600	0	0				
	5	450		0	0		5	450	
75	4	300	75	0	0				
150	1	150	150	0	0				
	1	400		0	0		1	400	
400	1	400	400	0	0				
		500						500	
E00	1	500	E00	0	0 0		1	500	
500	1	500	500	U	0				
	0	0		5	1,100		5	1,100	
	,		600	1	600		-	.,	
			225	1	225				
			100	1	100				
			130	1	130				
			45	1	45				
		2,000			6,350			8,3	
		0			3,150			3,150	
			4.000		4.000				
			1,200	1	1,200				
			150 600	1	150 600				
			000	1	600				
			1,200	1	1,200				
•									
		2,000			3,200			5,200	
								-	
2,000	1	2,000	2,000	1	2,000		1	1	
2,000		-,	1,200	1	1,200				

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	
		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

Concord-Carlisle Regional High School	Ex	Existing Conditions				
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals			
HEALTH & PHYSICAL EDUCATION			31,075			
[6 ex. teaching stations (TS) incl. 2- Health in cor	e acad]	3	21,415			
Gymnasium (1 Ex. TS - Performance)	9,775	1	9,77			
PE Alternatives (MSBA) (1 Ex. TS)	2,100	1	2,10			
PE Alternative (ex. Lower Gym)	9,540	1	9,54			
Gym Storeroom (MSBA)		3	510			
Ex. Upper Gym Storage	130	1	26			
Ex. Upper Gym Storage	120	1	12			
Ex. Weight Room Storage	65	1	13			
Locker Rooms - Boys/Girls w/Toilets		2	8,305			
Girls	4,405	1	4,40			
Boys	3,900	1	3,90			
Phys. Ed. Storage (MSBA)		3	500			
Phys. Ed. Storage	260	1	26			
Phys. Ed. Storage	170	1	17			
Phys. Ed. Storage	70	1	7			
Athletic Director's Office		1	145			
Ex. Athletic Director's Office	120	1	143			
Ex. Athletic Director's Office Storage	25	1	2			
Health Instructor Office w/Shower & Toilet		1	200			
Teacher's Center (5-FTE)	-		200			
Girls P.E. Office Locker Room	200	1	20			
MEDIA CENTER			13,480			
Media Center/Reading Room			13,400			
Commons/Media Center (4-staff / FTE)						
(Ex. area less Mac Lab)			13,480			
Lower Library (inc. Lower level ramps)	5,640	1	5,64			
Upper Library (stacks)	6,850	1	6,85			
Library Office	640	1	64			
Project Room / Conference	350	1	35			
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)						
			1			

				Proposed				
Existing t	to Remain/Re	enovated		New		Total		
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
		6,860			16,200			23,060
	0	0		2	14,750		2	14,750
			12,000	1	12,000			
			2,750	1	2,750			
			0	0	0			
			000		000			000
	0	0	300	1	300		1	300
1,715	4	6,860	0	4	0		8	6,860
	0	0	500	1	500		1	500
	0	0		1	150		1	150
			150	1	150			
	0	0		2	500		2	500
			250	2	500			
		0			0.000			0.00
		U			8,600			8,60
					8,600			8,600
						'		
			400		400			
			400	1	400		-	
			400	1	400			
			850	1	850			
			3,400	1	3,400			
			2,000	1	2,000			
			400	1	400			
			250	1	250			
			100	3	300		1	1
			600	1	600			

(re	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			
0,000	1	0,000	3.0 Si/Student total			
500	1	500				
150	1	150				
250	1	250				
1			separate male and female req'd			
		7,556				
7,556	1	7,556				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,				
<u> </u>						

Concord-Carlisle Regional High School	Ex	isting Condit	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
UDITORIUM / DRAMA			9,667
Auditorium (ex. 604 seats)	6,090	1	6,09
Stage	1,770	1	1,77
Wings 2 @ (15'x40')			
Auditorium Storage	190	1	19
Theater Storage			
Make-up / Dressing Rooms			
Ex. outside portable units	504	3	1,51
Controls / Lighting / Projection	105	1	10
INING & FOOD SERVICE			13,068
Cafeteria / Student Lounge/ Break-out	8,880	1	8,88
Chair / Table Storage			
Scramble Serving Area			
Kitchen	2,245	1	2,2
Dishwashing	330	1	33
Kitchen Office	165	1	16
Food Storage	260	1	26
Walk-in Cooler	95	1	,
Walk-in Freezer	55	1	
Walk-in Freezer	80	1	
Staff Lunch Room	860	1	86
Staff Lockers	60	1	(
Kitchen Staff Toilet	38	1	;
<u>IEDICAL</u>			690
Medical Suite Toilet	45	1	4
Nurses' Office/Waiting Room	500	1	50
	1	1	1
Interview Room Examination Room / Resting			

	Proposed									
Existing	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		
		10,400			0			10,400		
6,000	1	6,000	6,000	0	0					
1,600	1	1,600	1,600	0	0					
600	2	1,200	600	0	0					
400	2	800	400	0	0					
300	2	600	300	0	0					
200	1	200	200	0	0					
		0			10,262			10,262		
			6,125	1	6,125					
			456	1	456					
			600 2,525	1	600 2,525					
			2,525	1	2,525					
			556	1	556					
			330	'	336					
				1						
		1,110			0			1,110		
60	1	60	60	0	0			.,,,,,		
250	1	250	250	0	0					
100	3	300	100	0	0					
100	5	500	100	0	0					
		300			Ü					

(ret	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 - 15SF per seat				
456	1	456	<u> </u>				
600	1	600	-				
2,525	1	2,525	1600 SF for first 300 + 1 SF/student Add'l				
I							
556	1	556	20 SF/Occupant				
		1,110					
60	1	60					
250	1	250					
100	3	300					
100	5	500					

Concord-Carlisle Regional High School	Exi	sting Conditi	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
STUDENT SUPPORT (Adm. & Guidance)			8,462
Administrative Suite			3,545
General Office / Waiting Room	510	1	510
Teachers' Mail and Copy Room	190	1	190
Duplicating Room			
Records Room	55	1	55
Principal's Office w/ Conference Area	220	1	220
Principal's Secretary / Waiting	290	1	290
Assistant Principal's Office - AP1	145	1	145
Assistant Principal's Office - AP2	140	1	140
Registrar's Office	205	1	205
Conference Room	450	1	450
Ex Administrative Office / Work Room	125	1	125
Ex. kitchenette	85	1	85
Ex. Meeting / Work Room	1,130	1	1,130
METCO			515
METCO Director - Ex.	115	1	115
METCO Secretary - Ex.	100	1	100
METCO Tutoring - Ex.	300	1	300
Guidance Suite			2,452
Guidance Office	95	4	380
Guidance Office	112	1	112
Guidance Office	140	1	140
Guidance Office	90	1	90
	110	1	110
Social Adjustment Office	60	2	120
School Psychologist	60	1	60
Conference Room (share w/ SPED)	200	1	200
Guidance Waiting Room			
Guidance Storeroom			
Career Center	945	1	945
Records Room	70	1	70
Copy Room	65	1	65
Interns	40	4	160
Teachers' Work Room [Adult Support]			
Program Capacity (MSBA)	1		
Adult Support (Planning/Break/Kit)			
0.1.0.0			4.5
Student Service Programs	4.050		1,950
"Challenge" - Ex. Prog.	1,050	1	1,050
"Planning" (in-house susp./Social worker) Ex.	680	1	680
Planning - Storage	220	1	220
"Network" (At-risk - Freshman level)			

				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 tota
		5,686			0			5,68
		2,470			0			2,470
500	1	500	500	0	0			
300	1	300	300	0	0			
220	1	220	220	0	0			
290	1	290	290	0	0			
150	1	150	150	0	0			
150	1	150	150	0	0			
200	1	200	200	0	0			
450	1	450	450	0	0			
210	1	210	210	0	0			
		300			0			300
200	1	200	200	0	0			
100	1	100	100	0	0			
					_			
400	13	1,478	400	0	0 0		13	1,478
100	9	900	100	0	0			
200 100	1	200 100	200 100	0	0			
100	1	100	100	0	0			
456	0	0	456	0	0			
178	1	178	178	0	0			
613	11	613	613	0	0		1	613
		825			0			825
825	1	825	825	0	0			

(re	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)					
ROOM NFA ¹	# OF RMS	area totals	Comments			
		4,979				
613	1	613				
100	1	100				
200	1	200				
200	1	200				
375	1	375				
125	1	125				
150	1	150				
150	1	150				
120	1	120				
450	1	450				
150	7	1,050				
100	1	100				
100	1	100				
456	1	456	this is not needed in cchs program			
178	1	178				
613	1	613				

Concord-Carlisle Regional High School	Ex	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals		
USTODIAL & 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	8		
Ex. Custodian's Storage	165	1	16		
Ex. Custodian's Storage	255	1	25		
Recycling Room / Trash					
Receiving and General Supply					
Storeroom					
Ex. trailer	504	1	50-		
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	g to Remain/Re	enovated		New			Total	
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
		775			1,769			2,544
150	1	150	150	0	-			
250	1	250	250	0				
250		250	250	U	-			
375	1	375	375	0	-			
			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			
050		0.50			
250	1	250			
375	1	375			
400	1	400			
456	1	400			
713	1	713			
200	1	200			

Concord-Carlisle Regional High School	Ex	isting Conditi	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
OTHER			6,734
Other (specify)			
Alternative Health & Physical Education		1	330
PE Alternative - Multipurpose			
PE Alternative			
PE Alternative Storage	330	1	330
Team Rooms		3	1,540
Team Room	675	1	675
Team Room	605	1	605
Team Room	260	1	260
Visitor's Team Room			
PE Support		2	730
Officials & Coaches Lockers w/ showers	420	1	420
Athletic Trainer	310	1	310
Turiodo Tamas			
Radio Station		5	1,839
Radio Station General	980	1	980
Radio Studio	145	1	145
Radio Studio	120	1	120
Tran. Storage	150	1	150
Technology Storage	444	1	444
Cable / TV	ļ	5	1,600
Cable / TV General	1,200	1	1,200
Cable / TV Projection Room	60	1	60
Cable / TV Projection Room	110	1	110
Cable / TV Storage	105	1	105
Cable / TV Storage	125	1	125
Adult Education		2	385
AE Directors Office	225	1	225
AE Education Office	160	1	160
School Store		1	100
	100	1	100
Year Book	1	1	210
	210	1	210

ROOM NFA # OF RMS area totals ROOM NFA Area totals ROOM NFA	
NFA1 # OF RMS area totals NFA1 # OF RMS area totals NFA1 # OF RMS area 7,540 6,000 6,000 4 2 4 2,175 3 5,500 4	
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(re	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)						
ROOM NFA ¹	# OF RMS area totals Comments						
		0					
-							
-							

Concord-Carlisle Regional High School	Ex	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals		
	ı				
Total Building Net Floor Area (NFA)			170,390		
(Program does not include a Field House)					
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	g to Remain/Re	enovated		New			Total	
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
		43,021			122,571			165,592
					1,225			1,225
		62,550			177,728			240,278
		1.45			1.45			1.45

ROOM NFA ¹	# OF RMS	area totals	Comments
		152,692	
		1,225	181
		221,725	
		1.45	

MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)

Individual Room Net Floor Area (NFA)	includes the net square locage measured from the inside race of the perimeter waits and includes all specific spaces assigned to a particular program area including such spaces as non-communationers and storage froms.
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: OMR Architects
	Name of Principal Architect: Jeanne Kuespert Roberts, AIA
	Signature of Principal Architect:
	Date:

Concord-Carlisle Regional High School	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	
ORE ACADEMIC SPACES			57,476	
(List classrooms of different sizes separately)				
Classroom - General		41	32,771	
English (15 FTE)		10	7,6	
Ex CR - English	800	1	80	
Ex CR - English	790	1	79	
Ex CR - English	800	1	8	
Ex CR - English	795	1	7:	
Ex CR - English (shared w/Social Sci.)	795	1	7:	
Ex CR - English (shared w/Social Sci.)	820	1	8:	
Ex CR - English	656	1	6	
Ex CR - English (small)	310	1	3	
Ex CR - English (shared w/F. Language)	1,010	1	1,0	
English (separate Resource Ctr; Writing Lab)				
English/Social Sciences (SSERC) Resource Ctr.	840	1	8-	
Social Science (14 FTE)		9	6,7	
Ex CR-Social Science	795	1	7:	
Ex CR-Social Science	795	1	7:	
Ex CR-Social Science	800	1	8	
Ex CR-Social Science	800	1	8	
Ex CR-Social Science	795	1	7:	
Ex CR-Social Science	785	1	7	
Ex CR-Social Science	780	1	7	
Ex CR-Social Science	600	2	1,2	
SS Resource Ctr. (none existing)				
-				

	Proposed									
Existing	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			62.400			CO 400		
		0			63,420			63,420		
				40	34,175		40	34,175		
				10	8,250		10	8,250		
			825	9	7,425					
			825	1	825					
				9	7,425		9	7,425		
			825	9	7,425					

(re	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)							
ROOM NFA ¹	# OF RMS	area totals	Comments					
		58,690						
850	41	34,850	825 SF min - 950 SF max					
-								
-								

Concord-Carlisle Regional High School	Existing Conditions				
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals		
Math (16 FTE)	i	10	8,35		
Ex CR-Math	810	1	81		
Ex CR-Math	800	1	80		
Ex CR-Math	795	1	79		
Ex CR-Math	815	1	81		
Ex CR-Math	1,080	1	1,08		
Ex CR-Math	815	1	81		
Ex CR-Math	815	1	81		
Ex CR-Math	815	1	81		
Ex CR-Math	810	1	81		
Ex. Math (MARC) Resource Ctr.	800	1	80		
Foreign Language (13 FTE)		10	8,70		
Ex CR-Foreign Language	750	1	75		
Ex CR-Foreign Language	750	1	75		
Ex CR-Foreign Language	750	1	75		
Ex CR-Foreign Language	750	1	75		
Ex CR-Foreign Language	750	1	75		
Ex CR-Foreign Language	750	1	75		
Ex CR-Foreign Language	750	1	75		
Ex CR-Foreign Language	750	1	75		
Ex CR-Foreign Language	750	1	75		
Ex Foreign Language Lab / Resource Ctr.	1,950	1	1,95		
Health		2	1,35		
Health Classroom (1 Ex. TS)	750	1	75		
Health Classroom (1 Ex. TS- portable)	600	1	60		
Toocher Dienning (van Mar Current C	_	6	7.560		
Teacher Planning (was Misc. Support. Spaces)	1,400	6	7,560 1,40		
Ex. English (separate) Ex. English/Social Sciences (shared)	910	1	1,40		
Ex. Social Sciences (snared) Ex. Social Sciences (separate)	1,290	1	1.29		
Ex. Math	1,270	1	1,2		
Ex. Foreign Language (separate)	1,595	1	1,59		
Ex. Science (separate)	1,095	1	1,09		
. / [1		1,,,		

				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
				10	8,250		10	8,25
			825	9	7,425			
			825	1	825			
			020	•	020			
				10	9,425		10	9,42
			825	9	7,425			
			2,000	1	2,000			
			005	1	825		1	82
			825 0	1 0	825 0			
			U	U	U			
				5	7,400		5	7,40
			1,500	1	1,500			7,40
			.,		1,000			
			1,400	1	1,400			
			1,300	1	1,300			
			1,600	1	1,600			
			1,600	1	1,600			

(ref	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)								
ROOM NFA ¹	# OF RMS	area totals	Comments						
			-						
			-						
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100	41	4,100							
100	41	4,100							

	Existing Conditions				
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals		
Group Seminar / Presentation (small: 20-30)	T .	1	1,690		
Small Foreign Language w/ kitchenette					
Small Foreign Language w/ kitchenette					
Small Group - standard					
Small Group - standard					
Small Group - standard					
Large Group Seminar / Presentation (60-80)	1,690	1	1,69		
Science Classroom / Lab (16 FTE)		13	13,075		
Biology		4	3,78		
ExCR Biology Classroom	890	1	89		
ExCR Biology Classroom/Lab	880	1	88		
ExCR Biology Classroom/Lab	1,040	1	1,04		
ExCR Biology Classroom/Lab	975	1	97		
Chemistry		4	4,36		
ExCR Chemistry Classroom	780	1	78		
ExCR Chemistry Classroom	780	1	78		
ExCR Chemistry Classroom/Lab	1,480	1	1,48		
ExCR Chemistry Classroom/Lab	1,320	1	1,32		
Physics		2	2.37		
ExCR Physics Classroom/Lab	1,190	1	1,19		
ExCR Physics Classroom/Lab	1,180	1	1,18		
Earth Science		2	1,69		
ExCR Earth Science Classroom	850	1	85		
ExCR Earth Science Classroom	840	1	84		
Science Resource Ctr (former writing lab)	870	1	8		
		-			
Prep Room Biology Prep Room	320	11	2,380		
Biology Prep Room	520	1	52		
Chemistry Prep Room	260	1	26		
Chemistry Storage	80	1			
Chemistry Storage Chemistry Storage	100	1	1		
Physics Prep Room	430	1	4:		
Earth Science Prep Room	190	1	1:		
Earth Science Prep Room	160	1	11		
Earth Science Storage	80	1			
Earth Science Storage	80	1			
Chemical Storage Prep Room					
Foreign Language Recording&Storage	160	1	16		
Foreign Language Lab Storage					

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		
			ı.	3	2,700		3	2,700		
			500	1	500					
			500	1	500					
			1,700	1	1,700					
				13	16,745		13	16,745		
			4.440	4	5,760		4	5,760		
			1,440	4	5,760					
				4	5,760		4	5,760		
			1,440	4	5,760					
				2	2,400		2	2,400		
			1,200	2	2,400		_	2,10		
					,					
				2	2,400		2	2,400		
			1,200	2	2,400					
			425	1	425		1	425		
			423	'	423			72.		
				13	2,200		13	2,200		
			150	4	600					
			150	4	600					
							-	-		
			200	2	400		-	-		
		1	200	2	400					
			200		700					
			200	1	200					
							-	-		
		1	200	1	200		1	200		

(re	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)						
ROOM NFA ¹	# OF RMS	area totals	Comments				
500	3	1,500					
4.440	44	45.040	2 v9E9/ ut 20 Seets 1 per lide //student				
1,440	11	15,840	3 x85% ut=20 Seats-1 per /day/student				
200	11	2,200					
200	1	200					
200		200					

Concord-Carlisle Regional High School	Ex	Existing Conditions				
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals			
DECIAL EDUCATION		04	7.445			
PECIAL EDUCATION (List classrooms of different sizes separately)		21	7,145			
(2.5) outsired in a unit on Sizes separately)						
Self-Contained SPED	765	1	76			
"Alt Pro" (Alternative Program)	850	1	85			
"Lighthouse" (Post-Hospitalization)						
Self-Contained SPED Toilet						
OT / PT Therapy and SPED Classroom	780	1	78			
"Pathways" SPED	615	1	61			
Resource Room	580	1	58			
Small Group Room						
Resource Rooms / Seminar Rooms	104	9	93			
SPED Offices		-				
SPED Psychologist Offices						
Small Group / Conference Room	230	1	23			
omair croup / comercine recom	200	·				
SPED Support						
SPED Secretary	260	1	26			
SPED Waiting	175	1	17			
SPED Workroom	155	1	15			
SPED Kitchenette	45	1	4			
"Compass" (ex. program)	940	1	94			
ELL / SPED (shared classroom)	815	1	81			
RT & MUSIC Art Classroom - 25 seats		3	11,779 3,515			
Art Workroom w/ Storage & kiln		5	565			
2D Art CD (4 TC)	1 465	1	1 46			
2D Art Storage	1,465 120	1	1,46			
2D Art Storage	1,290	1	1,29			
Ceramics (1-TS)	1,290	1				
Ceramics Storage	90	1	10			
Ceramics Storage Kills Room (none existing)	90	-				
Kiln Room (none existing) Photography CR (1-TS)	760	1	76			
Dark Room	210	1	21			
	45	1	21			
Photography Storage	45	1	-			
Art Teacher's Center (5 FTE)	330	1	33			
Art Gallery		1	720			
Student Gallery	720	1	72			

				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		17	5,970		17	5,970	
			825	1	825				
			825	1	825				
			1,010	1	1,010				
			1,010	1	1,010				
			500	1	500				
			100		400				
			100	4	400				
			100	2	200				
		-	250	2	500				
			250	1	250				
			150	1	150				
			150	1	150				
			150	1	150				
			100		130				
		0			12,650			12,65	
				3	3,225		3	3,225	
				3	450		3	450	
			1,200	1	1,200				
			150	0	0				
			1,200	1	1,200				
			300	0	0				
			100	1	100				
			825	1	825				
			300	1	300				
			50	1	50				
			500	1	500		1	500	
			500	1	500		1	500	
				1	525		1	525	
			525	1	525		<u>'</u>	323	
	1	1	323		323		1	1	

(re	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)						
ROOM NFA ¹	# OF RMS	area totals	Comments				
		13,090					
950	9	8,550	assumed 8% of pop. in self-contained SPED				
60	9	540					
500	4	2,000	1/2 size Genl. Clrm.				
500	4		1/2 size Genl. Clrm.				
		8,200					
1,200	3	3,600	Assumed use - 25% Population - 5 times/week				
150	3	450					
			now in gross				
			now in gross				
			JKR note: this is a subtotal line				
l			there is now 525 in net and 225 sf in gross				

Concord-Carlisle Regional High School	Ex	Existing Conditions				
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals			
Art Storage - General	150	1	150			
Performance and Music	4.000	3	4,110			
Band - 50-100 seats Chorus - 50-100 seats	1,600 1,420	1	1,600 1,420			
			-			
Ensemble (Chamber Orchestra) Drama Classroom	1,090	1	1,090			
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			
			005			
Music Storage	400	3	305			
Band Storage	120	1	120			
Music Library (Sheet Music) Drama Costume Storage	75 110	1	75 110			
Diama Costume Storage	110		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 Clrm (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 / Waint., / Set Corist. Woodworking /- Spray Booth	1,760	1	1,780			
Woodworking Storage	140	1	140			
Fabrication Lab	1		140			
Engineering/Robotics	1,500	1	1,500			

				Proposed				
Existing	to Remain/Re	enovated		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			0,000
			1,400	1	1,400			
			500	1	500			
			1,600	1	1,600			
				-	450		-	450
	 		75	5 4	450 300		5	450
			150	1	150			
				1	400		1	400
			400	1	400			
				1	500		1	500
			500	1	500			
				5	1,100		5	1,100
			600 225	1	600 225			
			100	1	100			
			130	1	130			
			45	1	45			
		0			8,350			8,350
	1				3,150			3,150
			4.000					-
			1,200	1	1,200 150			
			150 600	1	600			-
			000	'	000			
			1,200	1	1,200			
					5,200			5,200
			0.000		4.000			
			2,000	2	4,000			
			1,200	1	1,200		1	<u> </u>

(re	fer to MSBA E		10 Guidelines gram & 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	
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

Concord-Carlisle Regional High School	Existing Conditions				
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals		
HEALTH & PHYSICAL EDUCATION			31,075		
[6 ex. teaching stations (TS) incl. 2- Health in core	acadi	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)			40 400		
(Ex. area less Mac Lab) Lower Library (inc. Lower level ramps)	5,640	1	13,480 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)	1		-		

			_	Proposed				
Existing	g to Remain/Re	enovated		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	0		2	14,750		2	14,750
			12,000	1	12,000			14,750
			2,750	1	2,750			
			0	0	0			
	0	0	300	1	300		1	300
	0	0	1,715	4	6,860		4	6,860
	0	0	500	1	500		1	500
							1	-
								-
	0	0		1	150		1	150
		0	150	1	150		<u> </u>	100
			.50		.50			
	0	0		2	500		2	500
			250	2	500			
					0.05			0.577
		0			8,600			8,600
					8,600			8,600
					0,000			0,000
			400	1	400		1	-
			400		400		1	-
			400 850	1	400 850			-
			3,400	1	3,400			
			2,000	1	2,000			
			-,	•	_,500			
			400	1	400			
			250	1	250			
			100	3	300			
			600	1	600			
							1	

(re	fer to MSBA E	MSBA 201 ducational Prog	I0 Guidelines gram & Space Standard Guidelines)
ROOM NFA ¹	# OF RMS	area totals	Comments
		23,060	
10.000		40.000	
12,000 3,000	1	12,000 3,000	
3,000	- '	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	

Concord-Carlisle Regional High School	Ex	isting Condit	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
UDITORIUM / DRAMA			9,667
Auditorium (ex. 604 seats)	6,090	1	6,09
Stage	1,770	1	1,77
Wings 2 @ (15'x40')			
Auditorium Storage	190	1	19
Theater Storage			
Make-up / Dressing Rooms			
Ex. outside portable units	504	3	1,51
Controls / Lighting / Projection	105	1	10
INING & FOOD SERVICE			13,068
Cafeteria / Student Lounge/ Break-out	8,880	1	8,88
Chair / Table Storage			
Scramble Serving Area			
Kitchen	2,245	1	2,2
Dishwashing	330	1	33
Kitchen Office	165	1	16
Food Storage	260	1	26
Walk-in Cooler	95	1	,
Walk-in Freezer	55	1	
Walk-in Freezer	80	1	
Staff Lunch Room	860	1	86
Staff Lockers	60	1	(
Kitchen Staff Toilet	38	1	;
<u>IEDICAL</u>			690
Medical Suite Toilet	45	1	4
Nurses' Office/Waiting Room	500	1	50
	1	1	1
Interview Room Examination Room / Resting			

ROOM FOR BUSS Area totals ROOM NFA FOR BUSS Area totals									Proposed							
NFA	Ex	isting Condit	ions		Existing	j to Remain/Re	enovated		New		Total		(refer to MSBA I		
1,770		# OF RMS	area totals			# OF RMS	area totals		# OF RMS	area totals	# OF RMS	area totals		# OF RMS	area totals	
			9,667				0			10,400		10,400			10,400	
190	6,090	1	6,090					6,000	1	6,000			7,500	1	7,500	2/3 E
190																
190	1,770	1	1,770					1,600	1	1,600			1,600	1	1,600	
105								600	2	1,200						
105																
S04 3 1,512	190	1	190					400	2	800			500	1	500	
S04 3 1,512				l-											<u> </u>	
S04 3 1,512				-										_		
105	504		4.540	F				300	2	600			300	2	600	-
13,068	504	3	1,512	H											 	1
13,068	106	1	105					200	1	200			200	1	200	1
8,880	103	'	103	F				200	'	200			200	'	200	1
8,880			13.068				0			10.262		10.262			10.262	
	8.880	1						6.125	1			,	6.125	1		3 se
Company	.,		.,						1					1		
330								600	1	600			600	1		
165	2,245	1	2,245					2,525	1	2,525			2,525	1	2,525	1600
260	330	1														
95 1 95 5 1 95 5 1 55 1 55 1 55 1 80 1 80 1 1 80 1 80 1 1 80 1	165															
55																
80 1 80				_												
860				l-											<u> </u>	
C	80	1	80	-											ļ	<u> </u>
C	000			F				==0		550			550		550	
38 1 38	860	1	860	-				556	1	556			556	1	556	20 S
38 1 38	60	4	60	H											 	1
Column C															-	1
45 1 45 500 1 500 1 500 1 100 3 300 1 100 3 300 1 100 3 300	30	'	36													1
45 1 45 500 1 500 1 500 1 100 3 300 1 100 3 300 1 100 3 300			690	l l			0			1,110		1,110			1,110	t
500 1 500 250 1 250 250 1 250 1 1 100 3 300 100 3 300	45	1		ľ				60	1				60	1		
100 3 300 100 3 300	500	1	500					250	1	250			250	1	250	
145 1 145 100 5 500 100 5 500								100	3	300			100	3	300	
	145	1	145					100	5	500			100	5	500	
																1

(re	fer to MSBA E		10 Guidelines gram & 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 - 15SF per seat
456	1	456	J
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	
		300	

Concord-Carlisle Regional High School	Exi	sting Condit	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
STUDENT SUPPORT (Adm. & Guidance)			8,462
Administrative Suite			3,545
General Office / Waiting Room	510	1	510
Teachers' Mail and Copy Room	190	1	190
Duplicating Room			
Records Room	55	1	55
Principal's Office w/ Conference Area	220	1	220
Principal's Secretary / Waiting	290	1	290
Assistant Principal's Office - AP1	145	1	145
Assistant Principal's Office - AP2	140	1	140
Registrar's Office	205	1	20:
Conference Room	450	1	450
Ex Administrative Office / Work Room	125	1	125
Ex. kitchenette	85	1	8
Ex. Meeting / Work Room	1,130	1	1,13
METCO			515
METCO Director - Ex.	115	1	11
METCO Secretary - Ex.	100	1	10
METCO Tutoring - Ex.	300	1	30
Guidance Suite			2,452
Guidance Office	95	4	38
Guidance Office	112	1	11
Guidance Office	140	1	14
Guidance Office	90	1	9
	110	1	11
Social Adjustment Office	60	2	12
School Psychologist	60	1	6
Conference Room (share w/ SPED)	200	1	20
Guidance Waiting Room			
Guidance Storeroom			
Career Center	945	1	94
Records Room	70	1	7
Copy Room	65	1	6
Interns	40	4	16
Teachers' Work Room [Adult Support]	-		-
Program Capacity (MSBA)	1		
Adult Support (Planning/Break/Kit)			
			4.055
Student Service Programs	1.050	- 1	1,950
"Challenge" - Ex. Prog.	1,050	1	1,05
"Planning" (in-house susp./Social worker) Ex.	680	1	68
Planning - Storage	220	1	22
"Network" (At-risk - Freshman level)	1		

MSBA 2 ducational Pr	er to MSBA E	(ref		tal				New		novated	to Remain/Re	Existing
area totals	# OF RMS	ROOM NFA ¹	area totals	RMS		RC NI	area totals	# OF RMS	ROOM NFA ¹	area totals	# OF RMS	ROOM NFA ¹
4,979			5,686				5,686			0		
-1,010			2,470				2,470			-		
613	1	613	-,				500	1	500			
100	1	100					300	1	300			
200	1	200										
200	1	200										
375	1	375					220	1	220			
125	1	125					290	1	290			
150	1	150					150	1	150			
150	1	150					150	1	150			
120	1	120					200	11	200			
450	1	450					450	1	450			
-					-		210	1	210			
						-						
					-							
 			300				300					
			300		+		200	1	200			
							100	1	100			
							100		100			
			1,478	3			1,478	13				
1,050	7	150					900	9	100			
L												
<u> </u>					4							
		400				-	200	1	200			
100	1	100			-		100 100	1	100 100			
456	1	100 456					100	0	100 456			
178	1	178					178	1	178			
176	1	170		_			1/0		110			
610	1	613	613				613	1	613			
			825				825					
							825	1	825			
L			 _									

ROOM NFA ¹	# OF RMS	area totals	Comments			
		4,979				
613	1	613				
100	1	100				
200	1	200				
200	1	200				
375	1	375				
125	1	125				
150	1	150				
150	1	150				
120	1	120				
450	1	450				
150	7	1,050				
_						
_						
_						
_						
100	1	100				
100	1	100				
456	1	456	this is not needed in cchs program			
178	1	178				
_						
613	1	613				
		ı <u>l</u>				

Concord-Carlisle Regional High School	Ex	Existing Conditions					
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals				
USTODIAL & 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	8				
Ex. Custodian's Storage	165	1	16				
Ex. Custodian's Storage	255	1	25				
Recycling Room / Trash							
Receiving and General Supply							
Storeroom							
Ex. trailer	504	1	50-				
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	g to Remain/Re	enovated		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			
			200		230			
			375	1	375			
			-					
			400		400			
			400 456	1	400 456			
			713	1	713			
			7.0					
			200	1	200			

			gram & 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	

Concord-Carlisle Regional High School	Ex	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals		
OTHER .			6,734		
Other (specify)					
Alternative Health & Physical Education		1	33		
PE Alternative - Multipurpose					
PE Alternative					
PE Alternative Storage	330	1	33		
Team Rooms		3	1,540		
Team Room	675	1	67		
Team Room	605	1	60		
Team Room	260	1	26		
Visitor's Team Room					
PE Support		2	730		
Officials & Coaches Lockers w/ showers	420	1	42		
Athletic Trainer	310	1	31		
Radio Station		5	1,839		
Radio Station General	980	1	1,039		
Radio Studio	145	1	14		
Radio Studio	120	1	12		
Tran. Storage	150	1	15		
Technology Storage	444	1	44		
- command of the comm					
Cable / TV		5	1,600		
Cable / TV General	1,200	1	1,20		
Cable / TV Projection Room	60	1	6		
Cable / TV Projection Room	110	1	11		
Cable / TV Storage	105	1	10		
Cable / TV Storage	125	1	12		
Adult Education		2	385		
AE Directors Office	225	1	22		
AE Education Office	160	1	16		
School Store		1	100		
	100	1	10		
	_		010		
Year Book		1	210		

Proposed								
Existing to Remain/Renovated		enovated	New			Total		
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
		9,850			3,690			13,54
	4	7,675		0	0		4	7,6
2,175	1	2,175						
5,000	1	5,000						
250	2	500						
	2	1,675		0	0		2	1,6
675	1	675						
500	2	1,000						
150	0	0						
100	,							
	1	500		0	0		1	5
225	0	0						
500	1	500						
				5	1,840		5	1,8
			980	1	980		J	1,0
			145	1	145			
			120	1	120			
			150	1	150			
			445	1	445			
				_				
		-	1,200	5	1,600 1,200		5	1,6
			60	1	1,200			
			110	1	110			
			105	1	105			
			125	1	125			
				2	250		2	2
			150	1	150			
			100	1	100			
				0	0		0	
				0	0		0	1

(re	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)							
ROOM NFA ¹	# OF RMS	area totals	Comments					
		0						
-								
-								

Concord-Carlisle Regional High School	Ex	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals		
T. 18 75 N. 5 A. (151)			4=0.000		
Total Building Net Floor Area (NFA)			170,390		
(Program does not include a Field House)					
Proposed Student Capacity/Enrollment					
Total Building Gross Floor Area (GFA) ²			233,80		
Ex. Permanent Building	230,050				
Ex. Temporary Buildings	3,750				
Grossing factor (GFA/NFA)			1.37		

				Proposed				
Existing to Remain/Renovated		enovated		New		Total		
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
		9,850			155,742			165,592
		1,225			1,225			1,22
		16,275			225,826			242,10
	1	1						

ROOM NFA ¹	# OF RMS	area totals	Comments
		152,692	
		1,225	181
		221,725	
		1.45	

MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)

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: OMR Architects
	Name of Principal Architect: Jeanne Kuespert Roberts, AIA
	Signature of Principal Architect:

Concord-Carlisle Regional High School	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	
ORE ACADEMIC SPACES			57,476	
(List classrooms of different sizes separately)				
Classroom - General		41	32,771	
English (15 FTE)		10	7,6	
Ex CR - English	800	1	8	
Ex CR - English	790	1	7:	
Ex CR - English	800	1	8	
Ex CR - English	795	1	7:	
Ex CR - English (shared w/Social Sci.)	795	1	7:	
Ex CR - English (shared w/Social Sci.)	820	1	8:	
Ex CR - English	656	1	6	
Ex CR - English (small)	310	1	3	
Ex CR - English (shared w/F. Language)	1,010	1	1,0	
English (separate Resource Ctr; Writing Lab)				
English/Social Sciences (SSERC) Resource Ctr.	840	1	8	
Social Science (14 FTE)		9	6,7	
Ex CR-Social Science	795	1	7:	
Ex CR-Social Science	795	1	7	
Ex CR-Social Science	800	1	8	
Ex CR-Social Science	800	1	8	
Ex CR-Social Science	795	1	7	
Ex CR-Social Science	785	1	7	
Ex CR-Social Science	780	1	7	
Ex CR-Social Science	600	2	1,2	
SS Resource Ctr. (none existing)				
-				

	Proposed							
Existing	g to Remain/Re	enovated		New		Total		
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
		0			63,420			63,420
		U			63,420			63,420
				40	34,175		40	34,175
				10	8,250		10	8,250
			825	9	7,425			
	-			ļ				
		<u> </u>		<u> </u>				
		<u> </u>		<u> </u>				
		ļ!		ļ				
	-			ļ				
	-	<u> </u>	-	-				
			825	1	825			
			020	<u> </u>				
				9	7,425		9	7,425
	1		825	9	7,425			
						,		
	ļ	ļ		ļ				

(re	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)							
ROOM NFA ¹	# OF RMS	area totals	Comments					
		58,690						
-								
850	41	34,850	825 SF min - 950 SF max					
030	41	34,630	023 31 Hill1 - 930 31 Hidx					

Concord-Carlisle Regional High School	Ex	Existing Conditions				
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals			
Math (16 FTE)		10	8,355			
Ex CR-Math	810	1	810			
Ex CR-Math	800	1	800			
Ex CR-Math	795	1	795			
Ex CR-Math	815	1	815			
Ex CR-Math	1,080	1	1,080			
Ex CR-Math	815	1	815			
Ex CR-Math	815	1	815			
Ex CR-Math	815	1	815			
Ex CR-Math	810	1	810			
Ex. Math (MARC) Resource Ctr.	800	1	800			
Foreign Language (13 FTE)		10	8,700			
Ex CR-Foreign Language	750	1	750			
Ex CR-Foreign Language	750	1	750			
Ex CR-Foreign Language	750	1	750			
Ex CR-Foreign Language	750	1	750			
Ex CR-Foreign Language	750	1	750			
Ex CR-Foreign Language	750	1	750			
Ex CR-Foreign Language	750	1	750			
Ex CR-Foreign Language	750	1	750			
Ex CR-Foreign Language	750	1	750			
Ex Foreign Language Lab / Resource Ctr.	1,950	1	1,950			
Health		2	1,350			
Health Classroom (1 Ex. TS)	750	1	750			
Health Classroom (1 Ex. TS- portable)	600	1	600			
Teacher Planning (was Misc. Support. Spaces)		6	7,560			
Ex. English (separate)	1,400	1	1,400			
Ex. English/Social Sciences (shared)	910	1	910			
Ex. Social Sciences (separate)	1,290	1	1,290			
Ex. Math	1,270	1	1,270			
Ex. Foreign Language (separate)	1,595	1	1,595			
Ex. Science (separate)	1,095	1	1,095			

	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
				10	8,250		10	8,250
			825	9	7,425			
			825	1	825			
				10	9,425		10	9,425
			825	9	7,425			
			2,000	1	2,000			
			2,000	'	2,000			
				1	825		1	825
			825	1	825		'	02.
			023	0				
			0	<u> </u>	U			
				5	7,400		5	7,400
			1,500	1	1,500			7,10
			.,500	•	.,500			
			1,400	1	1,400			
			1,300	1	1,300			
			1,600	1	1,600			
			1,600	1	1,600			
			,		,			

(re	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)						
ROOM NFA ¹	# OF RMS	area totals	Comments				
100	41	4,100					
	1	l					

Concord-Carlisle Regional High School	Ex	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals		
Group Seminar / Presentation (small: 20-30)	1	1	1,690		
Small Foreign Language w/ kitchenette			.,		
Small Foreign Language w/ kitchenette					
Small Group - standard					
Small Group - standard					
Small Group - standard					
Large Group Seminar / Presentation (60-80)	1,690	1	1,690		
Science Classroom / Lab (16 FTE)		13	13,075		
Biology		4	3,785		
ExCR Biology Classroom	890	1	890		
ExCR Biology Classroom/Lab	880	1	880		
ExCR Biology Classroom/Lab	1,040	1	1,040		
ExCR Biology Classroom/Lab	975	1	975		
Chemistry		4	4,360		
ExCR Chemistry Classroom	780	1	780		
ExCR Chemistry Classroom	780	1	780		
ExCR Chemistry Classroom/Lab	1,480	1	1,480		
ExCR Chemistry Classroom/Lab	1,320	1	1,320		
Physics		2	2,370		
ExCR Physics Classroom/Lab	1,190	1	1,190		
ExCR Physics Classroom/Lab	1,180	1	1,180		
Earth Science		2	1,690		
ExCR Earth Science Classroom	850	1	850		
ExCR Earth Science Classroom	840	1	840		
Science Resource Ctr (former writing lab)	870	1	870		
Drop Boom	_	11	2,380		
Prep Room Biology Prep Room	320	1	2,380		
Biology Prep Room	520	1	520		
Chemistry Prep Room	260	1	260		
Chemistry Prep Room Chemistry Storage	80	1	80		
Chemistry Storage Chemistry Storage	100	1	100		
Physics Prep Room	430	1	430		
Earth Science Prep Room	190	1	190		
Earth Science Prep Room	160	1	160		
Earth Science Storage	80	1	80		
Earth Science Storage	80	1	80		
Chemical Storage Prep Room					
Foreign Language Recording&Storage	160	1	160		
Foreign Language Lab Storage					
Central Chemical Storage Rm					

	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
				3	2,700		3	2,700
			500	1	500			
			500	1	500			
			1,700	1	1,700			
				13	16,745		13	16,745
			1,440	4	5,760 5,760		4	5,760
			1,440	4	5,700			
				4	5,760		4	5,760
			1,440	4	5,760			
				2	2,400		2	2,400
			1,200	2	2,400			
			4.000	2	2,400 2,400		2	2,400
			1,200		2,400			
			425	1	425		1	425
				13	2,200		13	2,200
		1	150	4	600			
		1	450	4	600		-	-
			150	4	600			
			200	2	400			
-			200	2	400			
								-
							-	
			200	1	200			
			200	'	200			
				-				
			200	1	200		1	200

(re	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)						
ROOM NFA ¹	# OF RMS	area totals	Comments				
500	3	1,500					
1,440	11	15,840	3 x85% ut=20 Seats-1 per /day/student				
200	11	2,200					
		<u> </u>					
200	1	200					

Concord-Carlisle Regional High School	Ex	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals		
DECIAL EDUCATION		04	7.445		
PECIAL EDUCATION (List classrooms of different sizes separately)		21	7,145		
Self-Contained SPED	765	1	76		
"Alt Pro" (Alternative Program)	850	1	85		
"Lighthouse" (Post-Hospitalization)					
Self-Contained SPED Toilet					
OT / PT Therapy and SPED Classroom	780	1	78		
"Pathways" SPED	615	1	61:		
Resource Room	580	1	58		
Small Group Room					
Resource Rooms / Seminar Rooms	104	9	93		
SPED Offices		-			
SPED Psychologist Offices					
Small Group / Conference Room	230	1	23		
omair Group / Comoronico Noom	200	·	20		
SPED Support					
SPED Secretary	260	1	26		
SPED Waiting	175	1	17:		
SPED Workroom	155	1	15:		
SPED Kitchenette	45	1	4		
"O" ()	940	1	94		
"Compass" (ex. program)					
ELL / SPED (shared classroom)	815	1	81:		
RT & MUSIC Art Classroom - 25 seats		3	11,779 3,515		
	_				
Art Workroom w/ Storage & kiln	-	5	565		
2D Art CB (4 TC)	1 465	1	1,46		
2D Art Storage	1,465 120	1	1,46		
2D Art Storage	1,290	1	1,29		
Ceramics (1-TS)	1,290	1			
Ceramics Storage	90	1	10		
Ceramics Storage Kills Boom (pope existing)	90	-	9		
Kiln Room (none existing) Photography CR (1-TS)	760	1	76		
Dark Room	210	1	21		
Photography Storage	45	1	4		
гноюугарпу экогаде	40	1	4		
Art Teacher's Center (5 FTE)	330	1	33		
Art Gallery		1	720		
Student Gallery	720	1	720		

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 total	
		0		17	5,970		17	5,97	
			825	1	825				
			825	1	825				
			1,010	1	1,010				
			1,010	1	1,010				
			500	1	500				
			100	4	400				
			100	2	200				
			250	2	500				
		-							
			250	1	250				
			150	1	150				
			150	1	150				
			150	1	150				
			100	·	100				
		0			12,650			12,6	
				3	3,225		3	3,225	
				3	450		3	450	
			1,200	1	1,200				
			150	0	0				
			1,200	1	1,200				
			300	0	0				
			100	1	100				
		+ -	825	1	825				
			300	1	300				
			50	1	50				
			30	'	30				
			500	1	500		1	500	
					1				
				1	525		1	525	
			525	1	525		1		

ROOM NFA ¹			
NFA	# OF RMS	area totals	Comments
		13,090	
950	9	8,550	assumed 8% of pop. in self-contained SPED
		= 10	
60	9	540	
500	4	2,000	1/2 size Genl. Clrm.
500	4	2,000	1/2 size Genl. Clrm.
1,200	3	8,200 3,600	Assumed use 200/ Developing C Harastrantic
150	3	450	Assumed use - 25% Population - 5 times/week
150	3	+30	
			now in gross
			now in gross
			JKR note: this is a subtotal line
			there is now 525 in net and 225 sf in gross

Concord-Carlisle Regional High School	Ex	isting Condit	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
Art Storage - General	150	1	150
Performance and Music	4.000	3	4,110
Band - 50-100 seats Chorus - 50-100 seats	1,600 1,420	1	1,600 1,420
			-
Ensemble (Chamber Orchestra) Drama Classroom	1,090	1	1,090
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
			005
Music Storage	400	3	305
Band Storage	120	1	120
Music Library (Sheet Music) Drama Costume Storage	75 110	1	75 110
Diama Costume Storage	110		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 Clrm (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 / Waint., / Set Corist. Woodworking /- Spray Booth	1,760	1	1,780
Woodworking Storage	140	1	140
Fabrication Lab	1		140
Engineering/Robotics	1,500	1	1,500

	Proposed							
Existing	to Remain/Re	enovated	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			0,000
			1,400	1	1,400			
			500	1	500			
			1,600	1	1,600			
				-	450		-	450
			75	5 4	450 300		5	450
			150	1	150			
				1	400		1	400
			400	1	400			
				1	500		1	500
			500	1	500			
				5	1,100		5	1,100
			600 225	1	600 225			
			100	1	100			
			130	1	130			
			45	1	45			
		0			8,350			8,350
					3,150			3,150
			4.000					-
			1,200	1	1,200 150			
			150 600	1	600			
			000	'	300			
			1,200	1	1,200			
					5,200			5,200
			0.000		4.000			
			2,000	2	4,000			
			1,200	1	1,200			<u> </u>

(re	fer to MSBA E		10 Guidelines gram & 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	
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

Concord-Carlisle Regional High School	Ex	isting Condit	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
HEALTH & PHYSICAL EDUCATION			31,075
[6 ex. teaching stations (TS) incl. 2- Health in core a	cadl	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	1	2	8,305
Girls	4,405	1	4,405
Boys	3,900	1	3,900
Phys. Ed. Storage (MSBA)		3	500
Phys. Ed. Storage (WSBA)	260	1	260
Phys. Ed. Storage	170	1	170
Phys. Ed. Storage	70	1	70
1 Hys. Ed. Oldrage	70		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	1		
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)			
Olddent i resentation area (wuiti-purpose)	1		

				Proposed			_	_	
Existing	g to Remain/Re	enovated		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	0		2	14,750		2	14,750	
			12,000	1	12,000			14,750	
			2,750	1	2,750				
			0	0	0				
	0	0	300	1	300		1	300	
	0	0	1,715	4	6,860		4	6,860	
	0	0	500	1	500		1	500	
	0	0		1	150		1	150	
		j	150	1	150		·	100	
	0	0		2	500		2	500	
			250	2	500				
		0							
		0			8,600			8,600	
					8,600			8,600	
					0,000			0,000	
	1								
		ļ	400	1	400		1		
			400	4					
			400 850	1	400 850				
			3,400	1	3,400			 	
			2,000	1	2,000				
			-,	•	_,500				
			400	1	400				
			250	1	250				
			100	3	300				
			600	1	600				
							1		

(re	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)							
ROOM NFA ¹	# OF RMS	area totals	Comments					
		23,060						
40.000		40.000						
12,000	1	12,000						
3,000	1	3,000						
300	1	300						
000	·	555						
6,860	1	6,860	5.6 sf/student total					
500	1	500						
150	1	150						
250	1	250						
250	'	250	separate male and female req'd					
			separate male and temale requ					
		7,556						
7,556	1	7,556						

Concord-Carlisle Regional High School	Ex	isting Condit	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
UDITORIUM / DRAMA			9,667
Auditorium (ex. 604 seats)	6,090	1	6,09
Stage	1,770	1	1,77
Wings 2 @ (15'x40')			
Auditorium Storage	190	1	19
Theater Storage			
Make-up / Dressing Rooms			
Ex. outside portable units	504	3	1,51
Controls / Lighting / Projection	105	1	10
INING & FOOD SERVICE			13,068
Cafeteria / Student Lounge/ Break-out	8,880	1	8,88
Chair / Table Storage			
Scramble Serving Area			
Kitchen	2,245	1	2,2
Dishwashing	330	1	33
Kitchen Office	165	1	16
Food Storage	260	1	26
Walk-in Cooler	95	1	,
Walk-in Freezer	55	1	
Walk-in Freezer	80	1	
Staff Lunch Room	860	1	86
Staff Lockers	60	1	(
Kitchen Staff Toilet	38	1	;
<u>IEDICAL</u>			690
Medical Suite Toilet	45	1	4
Nurses' Office/Waiting Room	500	1	50
	1	1	1
Interview Room Examination Room / Resting			

				Proposed					
Existing	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 2,525	1	600				
			2,525	1	2,525				
				-					
			556	1	556				
			330	'	336				
				1					
		0			1,110			1,110	
		,	60	1	60			.,,,,	
			250	1	250				
			100	3	300				
			100	5	500				
					-			1	

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 - 15SF 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						
100	J	300						

Concord-Carlisle Regional High School	Exis	sting Condit	ions
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
STUDENT SUPPORT (Adm. & Guidance)			8,462
Administrative Suite			3,545
General Office / Waiting Room	510	1	510
Teachers' Mail and Copy Room	190	1	190
Duplicating Room			
Records Room	55	1	55
Principal's Office w/ Conference Area	220	1	220
Principal's Secretary / Waiting	290	1	290
Assistant Principal's Office - AP1	145	1	145
Assistant Principal's Office - AP2	140	1	140
Registrar's Office	205	1	205
Conference Room	450	1	450
Ex Administrative Office / Work Room	125	1	125
Ex. kitchenette	85	1	85
Ex. Meeting / Work Room	1,130	1	1,130
METCO			515
METCO Director - Ex.	115	1	115
METCO Secretary - Ex.	100	1	100
METCO Tutoring - Ex.	300	1	300
Guidance Suite			2,452
Guidance Office	95	4	380
Guidance Office	112	1	112
Guidance Office	140	1	140
Guidance Office	90	1	90
	110	1	110
Social Adjustment Office	60	2	120
School Psychologist	60	1	60
Conference Room (share w/ SPED)	200	1	200
Guidance Waiting Room			
Guidance Storeroom			
Career Center	945	1	945
Records Room	70	1	70
Copy Room	65	1	65
Interns	40	4	160
Teachers' Work Room [Adult Support]			
Program Capacity (MSBA)			
Adult Support (Planning/Break/Kit)			
Obstant Condes December			4.050
Student Service Programs	1.050	1	1,950
"Challenge" - Ex. Prog.	1,050	1	1,050
"Planning" (in-house susp./Social worker) Ex.	680		680
Planning - Storage	220	1	220
"Network" (At-risk - Freshman level)	1		

							Proposed					_			
Exi	isting Conditi	ions	Existi	ng to Remain/Re	enovated		New			Total		(re	fer to MSBA E	MSBA 201 ducational Prog	
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	
		8,462			0			5,686			5,686			4,979	
		3,545						2,470			2,470			1,010	
510	1	510				500	1	500				613	1	613	
190	1	190				300	1	300				100	1	100	
												200	1	200	
55	1	55										200	1	200	
220	1	220				220	1	220				375	1	375	
290	1	290				290	1	290				125	1	125	
145	1	145				150	1	150				150	1	150	
140	1	140				150	1	150				150	1	150	
205 450	1	205 450			-	200 450	1	200 450				120 450	1	120 450	
125	1	125				210	1	210				450	'	450	
85	1	85				210		210							
1,130	1	1,130													
.,		1,122													
		515						300			300				
115	1	115				200	1	200							
100	1	100				100	1	100							
300	1	300													
		2,452					13	1,478		13	1,478				
95	4	380				100	9	900				150	7	1,050	
112 140	1	112 140			-									 	
90	1	90													
110	1	110													
60	2	120													
60	1	60													
200	1	200				200	1	200							
						100	1	100				100	1	100	
						100	1	100				100	1	100	
945	1	945				456	0	0				456	1	456	this i
70	1	70				178	1	178				178	1	178	
65	1	65												 	
40	4	160			-									 	
						613	1	613		1	613	613	1	613	
						0.0	•	0.0			0.0	010		0.0	
	-	1,950						825			825				
1,050	1	1,050				825	1	825							
680	1	680													
220	1	220								-					
													-	 	
1		I .	ı I	1	1	1		ı		I	ı	ı	I	ı	l

(ref	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)								
ROOM NFA ¹	# OF RMS	area totals	Comments						
		4,979							
		,							
613	1	613							
100	1	100							
200	1	200							
200	1	200							
375	1	375							
125	1	125							
150	1	150							
150	1	150							
120	1	120							
450	1	450							
150	7	1,050							
100	1	100							
100	1	100							
456	1	456	this is not needed in cchs program						
178	1	178							
040		640							
613	1	613							

Concord-Carlisle Regional High School	Ex	Existing Conditions					
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals				
USTODIAL & 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	8				
Ex. Custodian's Storage	165	1	16				
Ex. Custodian's Storage	255	1	25				
Recycling Room / Trash							
Receiving and General Supply							
Storeroom							
Ex. trailer	504	1	50-				
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	g to Remain/Re	enovated		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			
			250	1	250			
			375	1	375			
			400	1	400			
			456 713	1	456 713			
			713	'	/13			
			200	1	200			
	1							

(re	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							
200	1	200							

Concord-Carlisle Regional High School	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	
OTHER			6,734	
Other (specify)				
Alternative Health & Physical Education		1	33	
PE Alternative - Multipurpose				
PE Alternative				
PE Alternative Storage	330	1	33	
Team Rooms		3	1,540	
Team Room	675	1	67	
Team Room	605	1	60	
Team Room	260	1	26	
Visitor's Team Room				
PE Support		2	730	
Officials & Coaches Lockers w/ showers	420	1	42	
Athletic Trainer	310	1	31	
Radio Station		5	1,839	
Radio Station General	980	1	98	
Radio Studio	145	1	14	
Radio Studio	120	1	12	
Tran. Storage	150	1	15	
Technology Storage	444	1	44	
Cable / TV		5	1,600	
Cable / TV General	1,200	1	1,20	
Cable / TV Projection Room	60	1	(
Cable / TV Projection Room	110	1	11	
Cable / TV Storage	105	1	10	
Cable / TV Storage	125	1	12	
Adult Education		2	385	
AE Directors Office	225	1	22	
AE Education Office	160	1	16	
School Store		1	100	
	100	1	10	
Year Book		1	210	
	210	1	21	
. our book	210			

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			13,540			13,54
	0	0		4	7,675		4	7,67
			2,175	1	2,175			
			5,000	1	5,000			
			250	2	500			
							_	
	0	0		2	1,675		2	1,67
			675	1	675			
			500	2	1,000			
			150	0	0			
			100		Ů			
	0	0		1	500		1	50
			225	0	0			
			500	1	500			
				5	1,840		5	1,84
			980	1	980			
			145	1	145			
			120	1	120			
			150	1	150			
			445	1	445			
				-	4.000		-	4.00
			1,200	5 1	1,600 1,200		5	1,60
			60	1	1,200			
			110	1	110			
			105	1	105			
			125	1	125			
				2	250		2	25
			150	1	150			
			100	1	100			
				0	0		0	
					LI			
				0	0		0	

(re	fer to MSBA E	MSBA 201 ducational Prog	I0 Guidelines gram & Space Standard Guidelines)
ROOM NFA ¹	# OF RMS	area totals	Comments
		0	
	1		

Concord-Carlisle Regional High School	Ex	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals		
	ı		1		
Total Building Net Floor Area (NFA)			170,390		
(Program does not include a Field House)					
Proposed Student Capacity/Enrollment					
Total Building Gross Floor Area (GFA) ²			233,80		
Ex. Permanent Building	230,050				
Ex. Temporary Buildings	3,750				
Grossing factor (GFA/NFA)			1.37		

¹ Individual Room Net Floor Area (NFA)

				Proposed				
Existing to Remain/Renovated		New		Total				
ROOM NFA ¹ # OF RMS area totals		ROOM NFA ¹ # OF RM	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	
		0			165,592			165,592
					1,225			1,225
		0	* see emb	edded formula	240,601			240,60
				ger base bldg	1.45			1.45
			* Fo	or premium alt	1.50			

ROOM NFA ¹	# OF RMS	area totals	Comments
		152,692	
		1,225	181
		221,725	
		1.45	
		1.45	

MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)

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: OMR Architects
	Name of Principal Architect:
	Signature of Principal Architect:
	Date:

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.