Concord-Carlisle Regional High School	E	Existing Conditions			
<u>ROOM TYPE</u>	ROOM NFA ¹	# OF RMS	area totals		
CORE 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	790		
Ex CR - English	800	1	800		
Ex CR - English	795	1	795		
Ex CR - English (shared w/Social Sci.)	795	1	795		
Ex CR - English (shared w/Social Sci.)	820	1	820		
Ex CR - English	656	1	656		
Ex CR - English (small)	310	1	310		
Ex CR - English (shared w/F. Language)	1,010	1	1,010		
English (separate Resource Ctr, Writing Lab) English/Social Sciences (SSERC) Resource Ctr.	840	1	840		
Social Science (14 FTE)		9	6,750		
Ex CR-Social Science	795	1	795		
Ex CR-Social Science	795	1	795		
Ex CR-Social Science	800	1	800		
Ex CR-Social Science	800	1	800		
Ex CR-Social Science	795	1	795		
Ex CR-Social Science	785	1	785		
Ex CR-Social Science	780	1	780		
Ex CR-Social Science	600	2	1,200		
SS Resource Ctr. (none existing)					

	Proposed								
Existin	Existing to Remain/Renovated			New		Total			
ROOM NFA ¹	# OF DMC prop totals			# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	
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MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)						
ROOM NFA ¹	#OFRMS	area totals	Comments			
		58,690				
850	41	34,850	825 SF min - 950 SF max			
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Concord-Carlisle Regional High School	E	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	8,70		
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	11	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	1,40		
Ex. English/Social Sciences (shared)	910	1	910		
Ex. Social Sciences (separate)	1.290	1	1.29		
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Ex. Math	1,270	1	1,27		
Ex. Foreign Language (separate)	1,595	ļ <u>1</u>	1,59		
Ex. Science (separate)	1,095	11	1,09		
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Proposed								
Existir	ng to Remain/Re	novated		New		Total		
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	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)						
ROOM NFA ¹	#OFRMS	area totals	Comments				
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100	41	4,100					

Regional High School	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	
Group Seminar / Presentation (small: 20-30)		1	1,690	
Small Foreign Language w/ kitchenette			1,000	
Small Foreign Language w/ kitchenette		Ŷ		
Small Group - standard		İ	<u> </u>	
Small Group - standard			1	
Small Group - standard		1		
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	890	1	3	
ExCR Biology Classroom/Lab	880	1	8	
ExCR Biology Classroom/Lab	1,040	1	1,0	
ExCR Biology Classroom/Lab	975	11		
Chemistry		4	4,3	
ExCR Chemistry Classroom	780	11	1	
ExCR Chemistry Classroom	780	1 1	7	
ExCR Chemistry Classroom/Lab	1,480	11	1,4	
ExCR Chemistry Classroom/Lab	1,320	11	1,3	
Physics		2	2,3	
ExCR Physics Classroom/Lab	1,190	<u>1</u>	1,1	
ExCR Physics Classroom/Lab	1,180	11	1,	
Earth Science		2	1,6	
ExCR Earth Science Classroom	850	11	8	
ExCR Earth Science Classroom	840	11		
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	1	
Chemistry Storage	80	1		
Chemistry Storage	100	1		
Physics Prep Room	430	1	4	
Earth Science Prep Room	190	1		
Earth Science Prep Room	160	1	1	
Earth Science Storage	80	1	ļ	
Earth Science Storage	80	11		
Chemical Storage Prep Room				
Foreign Language Recording&Storage	160	1	1	
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
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	(refer to MSBA	MSBA 20 A Educational Pro	010 Guidelines ogram & Space Standard Guidelines)
ROOM NFA ¹	#OF RMS	area totals	Comments
500	3	1,500	
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1,440	11	15,840	3 x85% ut=20 Seats-1 per /day/student
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200	11	2,200	
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200	1	200	

Concord-Carlisle Regional High School	E	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals		
SPECIAL EDUCATION		21	7,145		
(List classrooms of different sizes separately)					
Self-Contained SPED	765	1	765		
"Alt Pro" (Alternative Program)	850	1	850		
"Lighthouse" (Post-Hospitalization) Self-Contained SPED Toilet					
OT / PT Therapy and SPED Classroom	780	1	780		
"Pathways" SPED	615	1	615		
Resource Room	580	1	580		
Small Group Room		:			
Resource Rooms / Seminar Rooms	104	9	935		
SPED Offices			1		
SPED Psychologist Offices		1			
Small Group / Conference Room	230	1	230		
SPED Support					
SPED Secretary	260	1	260		
SPED Waiting	175	1	175		
SPED Workroom	155	1	155		
SPED Kitchenette	45	11	45		
"Compass" (ex. program)	940	1	940		
ELL / SPED (shared classroom)	815	1	815		
ART & MUSIC			11,779		
Art Classroom - 25 seats		3	3,515		
Art Workroom w/ Storage & kiln		5	565		
2D Art CR (1-TS)	1,465	1	1,465		
2D Art Storage	120	1	120		
Ceramics (1-TS)	1,290	1	1,290		
Ceramics Storage	100	1	100		
Ceramics Storage	90	11	90		
Kiln Room (none existing)		ļ			
Photography CR (1-TS)	760	1	760		
Dark Room	210	11	210		
Photography Storage	45	11	4!		
Art Teacher's Center (5 FTE)	330	1	330		
Art Gallery		1	720		
OL TOUR CONTROL	700		700		

Proposed								
Existin	g to Remain/Re	novated		New			Total	
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	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)							
ROOM NFA ¹	#OF RMS	area totals	Comments					
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950	99	8,550	assumed 8% of pop. in self-contained SPED					
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	1		there is now 525 in net and 225 sf in gross					

Concord-Carlisle Regional High School	E:	Existing Conditions					
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals				
Art Storage - General	150	1	1				
Performance and Music		3	4,110				
Band - 50-100 seats	1,600	1	1,6				
Chorus - 50-100 seats	1,420	1	1,4				
Ensemble (Chamber Orchestra)	1,090	1	1,0				
Drama Classroom							
Music Practice	-	3	245				
	70		215				
Practice	70	11	ļ				
Practice Practice	70 75	1 1					
Music Support		4	769				
Perf. Arts Teacher's Center							
Orch. Office	240	1	2				
Band Office	169	1	1				
Chorus Office	200	1	2				
Theater Office	160	1	1				
Music Storage		3	305				
Band Storage	120	1	1				
Music Library (Sheet Music)	75	<u>1</u>					
Drama Costume Storage	110	ļ1	ļ				
Electronic Music Lab (MIDI)		5	1,100				
Digital Music Classroom	600	1	•				
Electronic Music Lab Control Room	225	1	2				
Recording Booth	100	1					
Recording Booth	130	1					
Recording Booth	45	1					
OCATIONS & TECHNOLOGY			8,03				
Tech Clrm (E.G. Drafting, Business)			4,475				
Mac Lab Video (currently in Art)	1,175	11	1,1				
Architecture/Sculpture (1-TS)	1,500	1	1,5				
Architecture/Sculpture Storage	150	1	1				
IT Instruction (3 staff + 4 students)		L	L				
IT Office / Instruction (In ex. Mac Lab)	190	1	1				
IT Office / Instruction (In ex. Mac Lab)	100	11	1				
Digital Imaging (1-TS) [ex PC Lab]	1,360	1	1,3				
Tech Shop - (E.G. Consumer, Wood)			3,560				
Woodworking / Maint., / Set Const.	1,780	1	1,7				
Woodworking /- Spray Booth	140	1	1				
Woodworking Storage	140	1	1				
Fabrication Lab		1	1				
Engineering/Robotics	1,500	1	1,5				

				Proposed				
Existin	g to Remain/Re	enovated		New			Total	
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Comments   FORMS   Area totals   Comments		(refer to MSBA	MSBA 20 Educational Pro	010 Guidelines ogram & Space Standard Guidelines)
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Concord-Carlisle Regional High School	E	xisting Conditi	ons
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
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HEALTH & PHYSICAL EDUCATION			31,075
[6 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
	ļ		
Locker Rooms - Boys/Girls w/Toilets		2	8,305
Girls	4,405	1	4,405
Boys	3,900	11	3,900
Phys. Ed. Storage (MSBA)		3	500
Phys. Ed. Storage	260	1 1	260
Phys. Ed. Storage	170	1	170
Phys. Ed. Storage	70	11	70
Athletic Director's Office		1	145
Ex. Athletic Director's Office	120	11	120
Ex. Athletic Director's Office Storage	25	11	25
Health Instructor Office w/Shower & Toilet		1 1	200
Teacher's Center (5-FTE)		ļ	
Girls P.E. Office Locker Room	200	11	200
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MEDIA CENTER		<del></del>	13,480
Media Center/Reading Room	I		1
Commons/Media Center (4-staff / FTE)			40.400
(Ex. area less Mac Lab)	5.040		13,480
Lower Library (inc. Lower level ramps)	5,640	11	5,640
Upper Library (stacks)	6,850	ļ <u>1</u>	6,850
Library Office	640	11	640
Project Room / Conference	350	ļ	350
Faculty/Staff Workroom		÷	<del> </del>
Faculty/Staff Break room	·	<del> </del>	ļ
Circulation Desk		<del> </del>	<del> </del>
Silent Area/study carrels	+	ţ	<del> </del>
Group workstations		<del></del>	
Stacks area (11,800 vols)		İ	†
Conference/Project Rooms	+	÷	
Large		····	÷
Medium (sim. to SPED / Guidance)		<del> </del>	<del> </del>
Small (independent Study)		<u> </u>	ļ
Student Presentation area (Multi-purpose)		İ	†
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Existin	g to Remain/Re	novated		New		Total		
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area total
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	(refer to MSBA	MSBA 20	010 Guidelines ogram & Space Standard Guidelines)
ROOM NFA ¹	#OFRMS	area totals	Comments
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Concord-Carlisle Regional High School	E	Existing Conditions					
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals				
AUDITORIUM / DRAMA			9,667				
Auditorium (ex. 604 seats)	6,090	1	6,090				
Stage	1,770	1	1,770				
Wings 2 @ (15'x40')							
Auditorium Storage	190	1	190				
Theater Storage		ļ					
			ļ				
Make-up / Dressing Rooms		ļ	ļ				
Ex. outside portable units	504	3	1,512				
Controls / Lighting / Projection	105	1	105				
Controls / Eighting / Projection		<del> </del>	100				
DINING & FOOD SERVICE			13,068				
Cafeteria / Student Lounge/ Break-out	8,880	1	8,880				
Chair / Table Storage		1					
Scramble Serving Area							
Kitchen	2,245	1 1	2,245				
Dishwashing	330	11	330				
Kitchen Office	165	11	165				
Food Storage	260	11	260				
Walk-in Cooler	95	11	95				
Walk-in Freezer	55	11	55				
Walk-in Freezer	80	11	80				
Staff Lunch Room	860	1					
Stall Lunch Room	000	÷	860				
Staff Lockers	60	1 1	60				
Kitchen Staff Toilet	38	<del> </del>	38				
Titoriori Otali Toriot		<u> </u>					
MEDICAL			690				
Medical Suite Toilet	45	1	45				
Nurses' Office/Waiting Room	500	1	500				
Interview Room							
Examination Room / Resting	145	1	145				
	1		1				

								Proposed							
MSBA 2010 Gu refer to MSBA Educational Program			Total (ref			New Total				Existing to Remain/Renovated		ons	isting Condition	Ex	
	area totals	#OF RMS	ROOM NFA ¹	area totals	# OF RMS	ROOM NFA ¹	area totals	# OF RMS	ROOM NFA ¹	area totals	# OF RMS	ROOM NFA ¹	area totals	# OF RMS	ROOM NFA ¹
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	MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)									
ROOM NFA ¹	#OFRMS	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	o dealings 1001 per deal							
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								

Concord-Carlisle Regional High School	Exi	sting Condition	ons
ROOMTYPE	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	11	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	<u>-</u> '	70
Copy Room	65	<u>'</u>	65
Interns	40	4	160
IIICIIS	40		100
Teachers' Work Room [Adult Support]		•	
Program Capacity (MSBA)			
Adult Support (Planning/Break/Kit)			
Student Service Programs			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

Proposed								
Existin	g to Remain/Re	novated		New			Total	
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area tota
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Concord-Carlisle Regional High School	Ex	Existing Conditions			
ROOMTYPE	ROOM NFA ¹	# OF RMS	area totals		
CUSTODIAL & MAINTENANCE		7	2,779		
Custodian's Office			1		
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	11	80		
Ex. Custodian's Storage	165	1	165		
Ex. Custodian's Storage	255	1	255		
Recycling Room / Trash					
Receiving and General Supply					
Storeroom			1		
Ex. trailer	504	1	504		
Network/Telecom Room					
Existing included in gsf			ļ		
Ex. Grounds Equip.(incl. in gsf)	ļ				
Ex. Custodial Clos. (incl. in gsf)	1				
Ex. Telecom. Switch Clos. (incl. in gsf)					

Proposed										
Existin	g to Remain/Re	novated		New			Total			
ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals		
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Concord-Carlisle Regional High School	E	cisting Conditi	ons
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
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		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
Adult Education AE Directors Office	225	2	385 225
AE Directors Office	225	1	225
AE Directors Office AE Education Office	225	1 1	225 160
AE Directors Office AE Education Office	225 160	1 1	225 160 100

Existing to Re ROOM	### April 1	9,850 7,676 2,175 5,000 500 1,675 675 1,000 0 500 9,0	ROOM NFA ¹	0 0 0 5	3,690 0	ROOM NFA ¹	# OF RMS	1,67
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Concord-Carlisle Regional High School	Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	
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 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	
	1			1	:		:	1	
					·				
		9,850			155,742			165,592	
					ļ		ļ		
	ļ	1,225			1,225			1,225	
	}	16,275			225,826			242,101	
	1	1							
	ļ	<u> </u>					ļ		
		1.65			1.45			1.46	
		1.00		ļ	1.70				

MSBA 2010 Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)							
ROOM NFA ¹	#OFRMS	area totals	Comments				
	1						
		152,692					
		1,225	181				
		221,725					
	ļ	1.45					

Individual			

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

Date:

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 OMR Architects, Inc.