

Proposed Space Summary v6 (in progress)

Date: 7/18/2022 Schematic Design Submittal

Revere High School			
Existing Conditions			
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals
CORE ACADEMIC SPACES			84,418
<i>(List classrooms of different sizes separately)</i>			
Classroom - General	905	47	42,525
Classroom - Freshman	895	14	12,525
Flexible Learning (corridor pull-out w/ every 4 CRs)	-	-	-
Teacher Planning	288	2	575
Small Group Seminar (EL-8 full, 4 half crs exist)	735	12	8,825
Science (exist=7fa-bio,4chem,3phy,rob,env,bio-I)	969	17	16,475
- Robotics machine tool + storage	600	1	600
Prep Room	176	14	2,461
Central Chemical Storage Rm	432	1	432
SPECIAL EDUCATION			8,952
<i>(List classrooms of different sizes separately)</i>			
Self-Contained SPED (Life Skills Labs)	530	3	1,590
Self-Contained SPED Toilet & Hygiene	-	-	-
Resource Room	-	-	-
Small Group Room (SLGs/Concepts)	606	5	3,031
SLG/Concepts Science	699	2	1,398
Coast Collab (2 desks, 30 comp, sep entrance)	1,039	1	1,039
OT/PT	575	1	575
Sensory/Quiet (w/ each L.S. & 1 Concepts)	183	1	183
Speech/Psych Suite			
- Speech (2) & OT/PT (2) Offices	551	1	551
- ETLs	293	2	585
- Psych	-	-	-
- Testing	-	-	-
- IEP Conference	-	-	-
ART & MUSIC			8,365
Art Classroom (digital photo/graph w/ voc/tech)	1,195	2	2,390
Art Workroom w/ Storage & kiln	258	3	775
Band - 50 - 100 seats	1,867	1	1,867
Chorus - 50 - 100 seats	1,283	1	1,283
Ensemble	-	-	-
Music Practice / Office	67	10	674
Music Storage	202	2	403
Music Tech	973	1	973
Theater	-	-	-
Changing	-	-	-
VOCATIONS & TECHNOLOGY			8,410
Technology/Engineering Rooms			
- Business/Accounting/Law	occurs in gen classrooms		
- Computer Science (incl. digital lit)	936	2	1,871
- Digital Studio (incl. graphics)	1,168	1	1,168
- Marketing	occurs in gen classrooms		
- Architecture/Engineering	837	1	837
- Video Production/Studio Suite	900	1	900
- Hospitality (kitchen)	-	-	-
- Hospitality (CR/restaurant)	-	-	-
- Marine Sci/Aquaculture	-	-	-
- Maker Space (locate near Fine Arts & Stage)	-	-	-
- Machine Tool (locate w/ Robotics)	617	1	617
- JROTC classrms 2 for 151, 3 for 251 (288 cap)	586	3	1,758
Support Spaces			
- Tech Storage	120	2	239
- JROTC staff/operations	258	1	258
- JROTC changing	-	-	-
- JROTC work	518	1	518
- JROTC storage (4st/cadet)	244	1	244
- JROTC drills (locate as MP room adj to gym)	-	-	-
HEALTH & PHYSICAL EDUCATION			44,957
Gymnasium (not incl. Adaptive sta.)	28,310	1	28,310
PE Alternatives (Weights/Fitness)	2,311	1	2,311
Gym Storeroom	399	7	2,790
Locker Rooms - Boys / Girls w/ Toilets	1,301	7	9,106
Team Room	-	-	-
Phys. Ed. Storage	417	2	833
Athletic Director's Office	240	2	479
Health Instructor's Office w/ Shower & Toilet	376	3	1,128
Adaptive PE (co-locate w/ Gym)	-	-	-
MEDIA CENTER			9,030
Media Center / Reading Room	5,462	1	5,462
Computer Lab	792	1	792
STEM & Writing Centers	945	2	1,889
DE & Credit Recovery Stations	within reading room		
4 Meeting Rooms	182	4	728
Office/Work Room	159	1	159
AUDITORIUM / DRAMA			9,462
Auditorium (defaults to 750, but 1000max seats)	6,624	1	6,624
Stage	2,556	1	2,556
Auditorium Storage (co-loc Maker Space here)	282	1	282
Make-up / Dressing Rooms	-	-	-
Controls / Lighting / Projection	-	-	-
DINING & FOOD SERVICE			17,979
Cafeteria / Student Lounge / Break-out	10,129	1	10,129
Freshman Cafeteria	-	-	-
Chair / Table Storage (w/ Gym)	300	1	300

Proposed		
ROOM NFA ¹	# OF RMS	area totals
		123,050
900	58	52,200
850	19	16,150
60	16	960
700	11	7,700
600	19	11,400
1,440	21	30,240
400	11	4,400
included above		
		17,120
1,440	3	4,320
60	7	420
0	0	0
900	7	6,300
1,440	2	2,880
900	1	900
450	1	450
100	4	400
150	2	300
150	2	300
150	1	150
50	2	100
300	2	600
		11,200
1,200	4	4,800
150	4	600
1,500	1	1,500
1,500	1	1,500
200	1	200
75	12	900
500	1	500
0	0	0
1,200	1	1,200
0	0	0
		24,480
	17	
900	2	1,800
1,000	3	3,000
1,000	2	2,000
1,000	1	1,000
1,000	1	1,000
2,000	1	2,000
2,000	1	2,000
1,000	1	1,000
1,500	1	1,500
1,200	1	1,200
500	1	500
900	3	2,700
in room or in grossing factor		
480	1	480
40	5	200
300	1	300
800	1	800
3,000	1	3,000
		35,920
3,000	5	15,000
1,500	2	3,000
1,800	1	1,800
5,500	2	11,000
1,000	1	1,000
500	1	500
150	1	150
235	2	470
3,000	1	3,000
		15,213
5,000	2	10,000
1,000	1	1,000
1,000	2	2,000
1,000	1	1,000
200	4	800
413	1	413
		13,300
10,000	1	10,000
2,000	1	2,000
500	1	500
300	2	600
200	1	200
		18,226
9,000	1	9,000
3,250	1	3,250
763	1	763

MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM NFA ¹	# OF RMS	area totals	Comments
		115,990	
850	83	70,550	825 SF min - 950 SF max
100	83	8,300	
500	5	2,500	
1,440	21	30,240	3 x85% ut=20 Seats-1 per day/student
200	21	4,200	
200	1	200	
		24,170	
950	17	16,150	825-950 SF equal to surrounding classrooms
60	17	1,020	
500	7	3,500	1/2 size Genl. Clrm.
500	7	3,500	1/2 size Genl. Clrm.
		11,350	
1,200	5	6,000	Assumed use - 25% Population - 5 times/week
150	5	750	
1,500	1	1,500	Assumed use - 25% Population - 5 times/week
1,500	1	1,500	
200	1	200	
75	12	900	
500	1	500	
1,440	17	24,480	2,000 SF
		29,920	Excess PE Spaces Policy
12,000	1	12,000	
3,000	1	3,000	
300	1	300	
13,720	1	13,720	5.6 sf/student total
500	1	500	
150	1	150	
250	1	250	
		15,213	
15,213	1	15,213	
		10,400	Excess Auditorium Spaces Policy
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	
		18,226	
12,250	1	12,250	3 seatings - 15SF per seat
763	1	763	

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ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	Comments			
Scramble Serving Area			included below	800	1	800	600	1	600				
Kitchen	6,937	1	6,937	3,550	1	3,550	3,750	1	3,750	1600 SF for first 300 + 1 SF/student Add'l			
Staff Lunch Room	613	1	613	863	1	863	863	1	863	20 SF/Occupant			
MEDICAL			928			1,910			1,910				
Medical Suite Toilet (2 GN, 1 Mothers & Hygiene)	20	2	40	60	4	240	60	1	60				
Nurses' Office / Waiting Room	167	2	333	250	1	250	250	1	250				
Interview Room (3 + 2 Isolation)	-	-	-	100	6	600	100	6	600				
Examination Room / Resting	278	2	555	100	8	800	100	10	1,000				
Storage	-	-	-	20	1	20							
ADMINISTRATION & GUIDANCE			11,805			12,250			8,014				
General Office / Waiting / Toilet / Kitch (2 admin)	674	1	674	800	1	800	1,225	1	1,225				
Teachers' Mail and Time Room	202	1	202	within house offices			100	1	100	DOES NOT SCALE W/ ENROLLMENT			
Duplicating Room (copy center)	465	1	465	450	1	450	200	1	200	DOES NOT SCALE W/ ENROLLMENT			
Records Room / Storage	211	1	211	200	1	200	200	1	200	DOES NOT SCALE W/ ENROLLMENT			
Principal's Office w/ Conference Area	685	1	685	350	1	350	375	1	375	DOES NOT SCALE W/ ENROLLMENT			
Principal's Secretary / Waiting			within General Office	within main office			125	1	125	DOES NOT SCALE W/ ENROLLMENT			
Conference				200	1	200							
Deputy Principals' Office + Secr/Wait	294	2	587	150	1	150	150	1	150	DOES NOT SCALE W/ ENROLLMENT			
House Admin Work Rooms				120	5	600							
Assistant Principal's Office	177	5	887	150	5	750	150	4	600				
AP Admin/Waiting + Mail Rooms	240	4	962	240	5	1,200							
Supervisory / Spare Office (EL Coach)	145	1	145	additional AP above									
Conference Room (for 10-12)	149	2	298	200	5	1,000							
Guidance Office (1 dir, 9 guid, 3 career)	137	10	1,369	150	13	1,950							
Guidance Waiting Room	475	3	1,426	250	1	250							
Guidance Storeroom			see Admin & SPED Storage	200	1	200							
Career Center (not sep, pres space)	89	1	89	800	1	800							
Records Room			see Admin & SPED Storage	200	1	200							
Teachers' Work Room	422	3	1,265	within house offices									
Student Support Center	-	-	-	450	1	450							
Social Workers	242	4	969	150	7	1,050							
Special Educ Dir (PK5 & 6-12)	359	2	718	150	2	300							
Business Office	205	1	205	150	1	150							
Special Educ Work (w/ 3 secr)	349	1	349	450	1	450							
Files (7 years/fireproof)	300	1	300	450	1	450							
Confemce	-	-	-	300	1	300							
CUSTODIAL & MAINTENANCE			5,488			3,463			3,463				
Custodian's Office			incl. with workshop below	0	0	0	150	1	150	DOES NOT SCALE W/ ENROLLMENT			
Custodian's Workshop	493	1	493	0	0	0	250	1	250	DOES NOT SCALE W/ ENROLLMENT			
Custodian's Storage (dispersed)	104	16	1,660	0	0	0	375	1	375	DOES NOT SCALE W/ ENROLLMENT			
Recycling Room / Trash	121	1	121	0	0	0	400	1	400	DOES NOT SCALE W/ ENROLLMENT			
Receiving and General Supply	338	5	1,689	0	0	0	763	1	763				
Storeroom	606	2	1,212	0	0	0	1,325	1	1,325				
Network / Telecom Room	157	2	313	0	0	0	200	1	200	DOES NOT SCALE W/ ENROLLMENT			
OTHER			9,150			5,450			0				
SRO/Security	382	1	382	400	1	400							
Parent Info Center	-	-	-	400	1	400							
Student ID/IT Support	253	2	506	250	2	500							
School Store & Credit Union	397	2	793	400	2	800							
Community Health Center	1,153	1	1,153	1,400	1	1,400							
Second Hand Clothing	-	-	-	300	1	300							
Athletic Trainer	357	1	357	450	1	450							
Internships (20 comps, 3 offices, 1 conf)			uses the LC space	1,200	1	1,200							
Inclusion	490	1	490										
Revere Cares	282	1	282										
Revere Community Office	275	1	275										
Bus Maint/Stor/Tools/Off	3,507	1	3,507										
Unknown Spaces	255	7	1,787										
TOTAL BUILDING NET FLOOR AREA (NFA)			218,944			281,582			263,134				
Proposed Student Capacity / Enrollment						2,450			2,450	157			
NON-PROGRAMMED SPACES						% of GFA			0				
Total Building Gross Floor Area (GFA) ²			340,351			422,600			394,701				
Grossing factor (GFA/NFA)			1.55			1.50			1.50	override			

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-

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

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

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

Name of Architect Firm: Perkins Eastman / DPC

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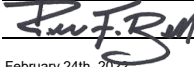
Revere High School			
Existing Conditions			
ROOM NFA ¹	# OF RMS	area totals	
ROOM TYPE			

Proposed		
ROOM NFA ¹	# OF RMS	area totals

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

Name of Principal Architect: Robert Bell

Signature of Principal Architect:



Date: February 24th, 2022