

Proposed Space Summary- K - 8 Schools

Date: 6/15/2021 Preliminary Design Program

PIERCE SCHOOL	Existing Conditions			PROPOSED									Difference to MSBA Guidelines			MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)									
	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	Existing to Remain/Renovated	New			Total			ROOM NFA1	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	Comments							
CORE ACADEMIC SPACES		82		51,907			0		68		48,620		68		48,620		33		15,690		35		32,930		
<i>(List classrooms of different sizes separately)</i>																									
Pre-Kindergarten w/ toilet							0	1,200	3		3,600		3		3,600		3		3,600		1,200		-	1,100 SF min - 1,300 SF max	
Kindergarten w/ toilet		7		3,961			0	1,200	4		4,800		4		4,800		0		0		1,200		4	4,800	1,100 SF min - 1,300 SF max; 2 sinks min. req
General Classrooms - Grades 1-6		30		31,011			0	915	23		21,045		23		21,045		2		1,095		950		21	19,950	900 SF min - 1,000 SF max; 2 sinks min. req
Science Classroom / Lab- Grade 6		1		775				1,440	1		1,440		1		1,440		1		1,440						
STE Room- Grades 3-6							0										#VALUE!		1,440		1,080				Refer to STE Guidelines for Additional information
STE Storage							0										#VALUE!		0		120				Refer to STE Guidelines for Additional information
General Classrooms - Grades 7-8		6		5,520			0	865	6		5,190		6		5,190		1		440		950		5	4,750	850 SF min - 950 SF max
Science Classroom / Lab- Grades 7-8		2		2,327			0	1,440	2		2,880		2		2,880		0		0		1,440		2	2,880	1 period / day / student
Prep room / Storage		1		164			0		2		340		2		340		0		-60		200		2	400	
Central Chemical Storage Rm							0	150	1		150		1		150		0		0		150		1	150	
World Language Classrooms		3		1,913			0	850	3		2,550		3		2,550		3		2,550						
Project Areas (vary in size - 250sf average)		3		1,615			0	250	9		2,250		9		2,250		9		2,250						
Small Group Rooms - Literacy & Math Specialists		10		1,515			0	240	6		1,440		6		1,440		6		1,440						
ETS / ECS Office							0	150	1		150		1		150		1		150						
ELL Small Classroom		4		1,390			0	430	4		1,720		4		1,720		4		1,720						
ELL testing							0	100	1		100		1		100		1		100						
Youth in Transition Program							0	865	1		865		1		865		1		865						
Youth in Transition Clinician							0	100	1		100		1		100		1		100						
Classroom/Teacher Storage		12		1,136									0		0		0		0						
Multi-purpose (Pit)		1		437									0		0		0		0						
SPECIAL EDUCATION		17		4,148			0		30		7,180		30		7,180		12		-1,880		18		9,060		
<i>(List rooms of different sizes separately)</i>																									
Self-Contained SPED - Grades K-6							0	0	0		0		0		0		-4		-3,800		950		4	3,800	900-1,300 SF equal to surrounding classrooms
Self-Contained SPED - Grades 7-8							0	0	0		0		0		0		-2		-1,900		950		2	1,900	850-950 SF equal to surrounding classrooms
Self-Contained SPED - Grades K-6 toilet							0	0	0		0		0		0		-4		-240		60		4	240	
Self-Contained SPED - Grades 7-8 toilet							0	0	0		0		0		0		-2		-120		60		2	120	
Resource Room - Grades K-6							0	0	0		0		0		0		-3		-1,500		500		3	1,500	
Resource Room - Grades 7-8		2		550			0	0	0		0		0		0		-1		-500		500		1	500	
Small Group Room / Reading		1		75			0	0	0		0		0		0		-2		-1,000		500		2	1,000	1/2 size Genl. Clrm.
Learning Center PK-8		7		1,884			0	450	3		1,350		3		1,350		3		1,350						
Small Learning Center PK-8							0	300	3		900		3		900		3		900						
Learning Center Teacher Planning/Office							0	100	3		300		3		300		3		300						
SWD Classroom PK-8 toilet							0	60	1		60		1		60		1		60						
De-Escalation Room (Safety Room)		1		47			0	70	1		70		1		70		1		70						
Speech Room		2		804			0	300	2		600		2		600		2		600						
Speech Office							0	150	1		150		1		150		1		150						
Special Ed Office		1		80																					
BCBA/OT/APE Office		1		205																					
Special Ed./BCBA Office							0	150	1		150		1		150		1		150						
OT/PT/APE Office							0	205	1		205		1		205		1		205						
OT/PT Room							0	815	1		815		1		815		1		815						
Special Ed Team Facilitator		1		339			0	150	1		150		1		150		1		150						
Special Ed Conference							0	250	1		250		1		250		1		250						
Psychologist		1		164			0	140	1		140		1		140		1		140						
Skills and Language Program 3-8							0	450	2		900		2		900		2		900						
Skills and Language Small Group Room							0	250	2		500		2		500		2		500						
Skills and Language Office							0	100	2		200		2		200		2		200						
BEEP offices							0	110	3		330		3		330		3		330						
Testing room							0	110	1		110		1		110		1		110						

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	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	Existing to Remain/Renovated	New			Total			ROOM NFA1	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	Comments	
ART & MUSIC		11		7,254	0	13	10,325	13	10,325	13	10,325	-1	2,275	14	8,050				
Art Classroom - Grades K-6					0	0	0	0	0	0	0	-2	-2,000	1,000	2	2,000	assumed schedule 2 times / week / student		
Art Classroom - Grades 7-8					0	0	0	0	0	0	0	-1	-1,200	1,200	1	1,200	assumed use - 50% population 2 times / week		
Art Classroom - Grades K-8		2		2,196	0	1,000	1	1,000	1	1,000	1	1,000							
Art Classroom - Grades 5-8					0	1,200	1	1,200	1	1,200	1	1,200							
Art Workroom w/ Storage & kiln		3		283	0	2	300	2	300	2	300	-1	-150	150	3	450			
Band / Chorus - 100 seats					0	1,500	1	1,500	1	1,500	1	1,500	0	0	1,500	1	1,500		
Music Classroom / Large Group - 25-50 seats		2		1,318	0	1,200	2	2,400	2	2,400	2	2,400	0	0	1,200	2	2,400	assumed schedule 2 times / week / student	
Music Practice / Ensemble - Grades K-6					0	0	0	0	0	0	0	-4	-300	75	4	300			
Music Practice / Ensemble - Grades 7-8		1		44	0	100	2	200	2	200	2	200	1	0	200	1	200		
Multipurpose Room		2		3,195	0	3,425	1	3,425	1	3,425	1	3,425	1	3,425					
Multipurpose Chair/Music Storage		1		218	0	100	3	300	3	300	3	300	3	300					
Stage (shown in DINING & FOOD SERVICE)																			
VOCATIONS & TECHNOLOGY				1,615	0	2	2,490	2	2,490	2	2,490	1	1,050	1	1,440				
Technology/Engineering Rooms					0	0	0	0	0	0	0	-1	-1,440	1,440	1	1,440	Assumed use - 50% Population - 5 times/week; 850 SF - 2,000 SF; Based on Grades 7-8		
Tech Classroom. - FabLab					0	940	1	940	1	940	1	940	1	940					
Tech Shop - Makerspace		3		1,615	0	1,550	1	1,550	1	1,550	1	1,550	1	1,550					
HEALTH & PHYSICAL EDUCATION		26		8,212	0	12	12,390	12	12,390	12	12,390	7	4,068	5	8,322	Excess PE Spaces Policy			
Gymnasium		1		4,103	0	6,450	1	6,450	1	6,450	1	6,450	0	450	6,000	1	6,000	6000 SF Min. Size	
Gym Storeroom		6		608	0	210	1	210	1	210	1	210	0	60	150	1	150		
Gym Storeroom					0	100	2	200	2	200	2	200	2	200					
Health Instructor's Office w/ Shower & Toilet		4		181	0	0	0	0	0	0	0	-1	-172	172	1	172			
Health Office					0	150	1	150	1	150	1	150	1	150					
PE Office					0	150	1	150	1	150	1	150	1	150					
Locker Rooms - Boys / Girls w/ Toilets (Grades 5-8)		14		2,706	0	0	0	0	0	0	0	-2	-2,000	1,000	2	2,000			
Boy / Girls Toilets w/ Benches					0	300	2	600	2	600	2	600	2	600					
Gender Neutral Toilet with Shower					0	100	1	100	1	100	1	100	1	100					
Small Gym		1		614	0	2,765	1	2,765	1	2,765	1	2,765	1	2,765					
Fitness Room					0	900	1	900	1	900	1	900	1	900					
Health Classroom					0	865	1	865	1	865	1	865	1	865					
MEDIA CENTER		3		5,611	0	6	4,069	6	4,069	6	4,069	5	0	1	4,069				
Media Center/Reading Room		3		5,611	0	3,009	1	3,009	1	3,009	1	3,009	0	-1,060	4,069	1	4,069		
Media Work Room for book repair					0	135	1	135	1	135	1	135	1	135					
Small Group Rooms					0	310	2	620	2	620	2	620	2	620					
Media Center Office					0	135	1	135	1	135	1	135	1	135					
Media Book Room					0	170	1	170	1	170	1	170	1	170					
DINING & FOOD SERVICE		9		6,618	0	9	10,168	9	10,168	9	10,168	4	382	5	9,785				
Cafeteria / Dining (2 seatings)					0	5,438	1	5,438	1	5,438	1	5,438	0	0	5,438	1	5,438	2 seatings - 15SF per seat	
Quiet Eating areas (incl. above)																			
Cafeteria / Dining (3 seatings) / Multi-Use		1		3,338														3 seatings - 15SF per seat	
Kitchen / Servery		3		1,324	0	2,025	1	2,025	1	2,025	1	2,025	0	0	2,025	1	2,025	1600 SF for first 300 + .333 SF/student Add'l	
Kitchen Office		1		151	0	75	1	75	1	75	1	75	1	75					
Kitchen Storage		1		387	0	150	1	150	1	150	1	150	1	150					
Kitchen Toilet		1		15	0	55	1	55	1	55	1	55	1	55					
Kitchen Custodial					0	45	1	45	1	45	1	45	1	45					
Chair / Table / Equipment Storage		1		885	0	400	1	400	1	400	1	400	0	-42	442	1	442	200 SF for first 300 + .333 SF/student Add'l	
Staff Lunch Room					0	380	1	380	1	380	1	380	0	99	281	1	281	200 SF for first 400 + .25 SF/student Add'l	
Stage (Located with Multipurpose - ART & MUSIC)		1		518	0	1,600	1	1,600	1	1,600	1	1,600	0	0	1,600	1	1,600		

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		ROOM NFA ¹	# OF RMS	area totals	Existing to Remain/Renovated			New			Total			ROOM NFA1	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	Comments	
MEDICAL			4	575			0		7	700		7	700		2	90		5	610		
	Medical Suite Toilet		2	40			0	55	2	110		2	110		1	50		60	1	60	
	Nurses' Office / Waiting Room		1	359			0	250	1	250		1	250		0	0		250	1	250	
	Examination Room / Resting		1	176			0	100	1	100		1	100		-2	-200		100	3	300	
	Examination Room / Resting						0	70	2	140		2	140		2	140					
	Isolation Room						0	100	1	100		1	100		1	100					
ADMINISTRATION & GUIDANCE			21	4,566			0		31	6,377		31	6,377		15	3,209		16	3,169		
	Principal's Office w/ Conference Area		1	254			0	350	1	350		1	350		0	-25		375	1	375	
	Principal's Secretary / Waiting						0	0	0	0		0	0		-1	-125		125	1	125	
	Assistant Principal's Office - AP1		1	228			0	135	1	135		1	135		0	8		127	1	127	
	Assistant Principal's Office - AP2		1	169			0	135	1	135		1	135		1	135		127	0	-	
	Assistant Principal's Office - AP3		1	91			0	135	1	135		1	135		1	135					
	General Office / Waiting Room / Toilet		3	460			0	501	1	501		1	501		0	0		501	1	501	
	Conference room		1	562			0	285	1	285		1	285		0	13		272	1	272	
	Teachers' Mail and Time Room						0	100	1	100		1	100		0	0		100	1	100	
	Duplicating Room		1	106			0		4	140		4	140		3	-21		161	1	161	
	Records Room						0	115	1	115		1	115		0	-15		130	1	130	
	Supervisory / Spare Office		1	111			0	135	1	135		1	135		0	8		127	1	127	
	General Waiting Room						0	100	1	100		1	100		0	0		100	1	100	
	Guidance Office		3	336			0	175	3	525		3	525		-1	-75		150	4	600	
	Social Worker Office						0	175	1	175		1	175		1	175					
	Guidance Storeroom						0	0	0	0		0	0		-1	-38		38	1	38	
	Teachers' Work Room		5	1,820			0	450	3	1,350		3	1,350		2	838		513	1	513	
	Small Conference Room						0	260	3	780		3	780		3	780					
	Specialist Collaborative Workspace						0	272	3	816		3	816		3	816					
	World Language Office						0	150	1	150		1	150		1	150					
	METCO Office		1	169			0	150	1	150		1	150		1	150					
	Steps to Success Office		1	169			0	150	1	150		1	150		1	150					
	PBIS						0	150	1	150		1	150		1	150					
	Technology Office		1	91																	
CUSTODIAL & MAINTENANCE			22	2,280			0		11	2,655		11	2,655		4	358		7	2,297		
	Custodian's Office		1	86			0	135	1	135		1	135		0	-15		150	1	150	
	Custodian's Toilet / Shower		1	52				65	1	65		1	65		1	65					
	Custodian's Workshop						0	280	1	280		1	280		0	-67		347	1	347	
	Custodian's Storage		13	1,565				225	2	450		2	450		1	75		375	1	375	
	Storeroom		6	359			0	435	2	870		2	870		1	387		483	1	483	
	Recycling Room / Trash						0	325	1	325		1	325		0	-75		400	1	400	
	Receiving and General Supply						0	340	1	340		1	340		0	-2		342	1	342	
	Network / Telecom Room		1	218			0	110	1	110		1	110		0	-90		200	1	200	
	Outdoor Storage							80	1	80		1	80		1	80					
OTHER			7	1,074			0		8	1,335		8	1,335		8	1,335		0	0		
	Other (specify)						0					0	0		0	0					
	Extended Day Storage		3	407				385	1	385		1	385		1	385					
	Extended Day Office		3	401				315	1	315		1	315		1	315					
	PTO							375	1	375		1	375		1	375					
	Staff Showers							100	2	200		2	200		2	200					
	ADA Wheelchair lift storage							20	3	60		3	60		3	60					
	District Office / Storage		1	266																	
PARKING			3	74,934			0		3	74,934		3	74,934		3	74,934		0	0		
	Parking Garage - School		1	22,307				1	22,307		1	22,307		1	22,307						
	Parking Garage - Other		2	52,627				2	52,627		2	52,627		2	52,627						

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		Existing Conditions			Existing to Remain/Renovated			New			Total						ROOM NFA ¹ # OF RMS area totals			Comments
ROOM TYPE	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 NFA1	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	Comments	
Total Building Net Floor Area (NFA) with garages			168,794			0			181,243			181,243			101,510			79,733		
Total Building Net Floor Area (NFA) without garages			93,860						106,309			106,309			26,576					
NON-PROGRAMMED SPACES				% of GFA	0	% of GFA	67,719	% of GFA	67,719											
Other Occupied Rooms (list separately)				#DIV/0!		0%		0%			0%								Non-Programmed space areas are required to be included in the following submittals: Schematic Design Submittal Design Development Submittal 60% Construction Documents 90% Construction Documents Final Construction Documents	
				#DIV/0!		0%		0%			0%									
				#DIV/0!		0%		0%			0%									
Unoccupied MEP/FP Spaces				#DIV/0!		0%		0%			0%									
Unoccupied Closets, Supply Rooms & Storage Rooms				#DIV/0!		0%		0%			0%									
Toilet Rooms				#DIV/0!		0%		0%			0%									
Circulation (corridors, stairs, ramps & elevators)				#DIV/0!		0%		0%			0%									
Remaining ³				#DIV/0!	0	27%	67,719	27%	67,719											
Total Building Gross Floor Area (GFA) ² with garages			226,452			0			248,962			248,962			129,363			119,599		
Total Building Gross Floor Area (GFA) ² without garages			147,690						170,200			170,200			50,601					
Grossing factor (GFA/NFA) with garages			1.34		#DIV/0!				1.37			1.37						1.50		
Grossing factor (GFA/NFA) without garages			1.57						1.60			1.60								

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

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

Architect Certification

I hereby