

**Numerical Analysis
of Existing Facility**

	HCPSS Ed Spec		CURRENT - USE				PROPOSED - USE				
	quantity of spaces		quantity of spaces		difference from ed spec		quantity of spaces		difference from ed spec		
	design area	teaching spaces	teaching spaces		Exist area	area	Proposed area	area	percent	percent	
			quantity	plan ID							quantity
Administration											
Principal	250 S.F.				216 S.F.	-34		250 S.F.	0		
Principal Secretary	120 S.F.				171 S.F.	51		120 S.F.	0		
Office Reception	600 S.F.				386 S.F.	-214		603 S.F.	3		
Assist. Principal (4)	600 S.F.				481 S.F.	-119		617 S.F.	17		
Conference	200 S.F.				0 S.F.	-200		202.5 S.F.	3		
Attendance Office	120 S.F.				181 S.F.	61		126 S.F.	6		
Mail/Work Room	600 S.F.				365 S.F.	-235		610 S.F.	10		
Toilets/Closet	110 S.F.				117 S.F.	7		120 S.F.	10		
Secure Room	120 S.F.				0 S.F.	-120		122.5 S.F.	3		
Storage	100 S.F.				39 S.F.	-61		137 S.F.	37		
Bus. Mgr. Off.	150 S.F.				200 S.F.	50		155 S.F.	5		
Par/Com Volunteers	150 S.F.				0 S.F.	-150		160 S.F.	10		
Police Liaison Office	120 S.F.				117 S.F.	-3		160 S.F.	40		
	3,240 S.F.				2,273 S.F.	-967	-30%	3	3,383 S.F.	143	4%
Guidance											
Offices (7 @ 120)	840 S.F.				631	-209		631 S.F.	-209		
Records/register	300 S.F.				227	-73		227 S.F.	-73		
Workroom	200 S.F.				139	-61		139 S.F.	-61		
Conference	220 S.F.				214	-6		214 S.F.	-6		
Reception Area	400 S.F.				347	-53		347 S.F.	-53		
Career Center	1,200 S.F.				876	-324		876 S.F.	-324		
Data Clerk	120 S.F.				0	-120		0 S.F.	-120		
	3,280 S.F.				2434	-846	-26%	1	2434	-846	-26%
Health Suite											
Waiting and Treatment	200 S.F.				206	6		220 S.F.	20		
Office	120 S.F.				59	-61		99 S.F.	-21		
Cot Rooms (2 @ 160)	320 S.F.				378	58		315.5 S.F.	-5		
Storage Closet	80 S.F.				21	-59		31 S.F.	-49		
Toilets (2 @ 40)	80 S.F.				74	-6		74 S.F.	-6		
Cluster Nurse Office	80 S.F.				0	-80		0 S.F.	-80		
Exam room	0 S.F.				0	0		143 S.F.	143		
	880 S.F.				738	-142	-16%	1	882.5	3	0%
Cafeteria/Food Service											
Can Wash	110 S.F.				95	-15		95 S.F.	-15		
Kitchen Dry Storage	500 S.F.				380	-120		380 S.F.	-120		
Custodial Closet	60 S.F.				17	-43		17 S.F.	-43		
Refrig/Freezer St.	260 S.F.				341	81		341 S.F.	81		
Office	80 S.F.				129	49		129 S.F.	49		
Locker Room	160 S.F.				89	-71		89 S.F.	-71		
Dishwashing	330 S.F.				248	-82		248 S.F.	-82		
Kit & Serving	2,100 S.F.				1890	-210		1890 S.F.	-210		
Student Dining	7,280 S.F.				5391	-1,889		5391 S.F.	-1,889		
- Seating Capacity (15sf/person)	S.F.				0	0		0 S.F.	0		
Soap Storage					105	105		105 S.F.	105		
Receiving					510	510		510 S.F.	510		
	10,880 S.F.				9195	-1,685	-15%	1	9195	-1,685	-15%
Staff Lounge											
Faculty Dining	750 S.F.				S.F.	-750		S.F.	-750		
Faculty Lounge	500 S.F.				523 S.F.	23		523 S.F.	23		
	1,250 S.F.				523 S.F.	-727	-58%		523 S.F.	-727	-58%
Student Organizations											
Student Org. Room	375 S.F.				S.F.	-375		0 S.F.	-375		
Storage	50 S.F.				96 S.F.	46		96 S.F.	46		
School Store	200 S.F.				S.F.	-200		0 S.F.	-200		
	625 S.F.				96 S.F.	-529	-85%		96 S.F.	-529	-85%
Student Support Center											
BSAP Acad. Mentor Off.	120 S.F.				158 S.F.	38		120 S.F.	0		
AEPS or ALPS Office	150 S.F.				116 S.F.	-34		153 S.F.	3		
Maryland Tomorrow Off.	120 S.F.				S.F.	-120		110 S.F.	-10		
Contract Room/Alt. Ed	400 S.F.				476 S.F.	76		399 S.F.	-1		
	790 S.F.				750 S.F.	-40	-5%	1	782 S.F.	-8	-1%

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	quantity of spaces		quantity of spaces		difference from ed spec			quantity of spaces		difference from ed spec		
	design area	teaching spaces	teaching spaces		Exist area	area	percent	teaching spaces		Proposed area	area	percent
			quantity	plan ID				quantity	additional			
Professional Dev. School's Office & Seminar Room												
Office (for 2 people)	150 S.F.				0 S.F.	-150		1	156 S.F.		6	
Seminar for 20 people	600 S.F.				0 S.F.	-600			0 S.F.		-600	
	750 S.F.				0 S.F.	-750	-100%	1	156 S.F.		-594	-79%
Career Connection's Office (CR&D)												
	500 S.F.		1	[21]	880 S.F.	380		1	507 S.F.		7	
	500 S.F.		1		880 S.F.	380	76%	1	507 S.F.		7	1%
Custodial Area												
Toil./Shower	240 S.F.				S.F.	-240		1	90 S.F.		-150	
Custodial Office	200 S.F.				342 S.F.	142			210 S.F.		10	
Shop & Storage	500 S.F.				620 S.F.	120			620 S.F.		120	
Gen. School Storage	600 S.F.				S.F.	-600			0 S.F.		-600	
Outside Storage	150 S.F.				S.F.	-150		1	120 S.F.		-30	
	1,690 S.F.				962 S.F.	-728	-43%	2	1040 S.F.		-650	-38%
Art Education												
Art Studio (2 @ 1,300)	2,600 S.F.	2	2	[14-15]	2349 S.F.	-251		2	2349 S.F.		-251	
Central Storage	650 S.F.				580 S.F.	-70			580 S.F.		-70	
Sculpture/Kiln	900 S.F.				0 S.F.	-900		1	450 S.F.		-450	
Photo Dark Room	800 S.F.				461 S.F.	-339			800 S.F.		0	
Plan/Prep	180 S.F.				S.F.	-180			0 S.F.		-180	
Display within Bldg												
	5,130 S.F.	2	2		3390 S.F.	-1,740	-34%	2	4179 S.F.		-951	-19%
Auditorium												
Auditorium - 900 Seats	8,600 S.F.	1	1	[3]	6805 S.F.	-1,795		1	6805 S.F.		-1,795	
Workshop	1,200 S.F.				0 S.F.	-1,200		1	1200 S.F.		0	
Dance Studio	1,750 S.F.	1	1	[40]	1616 S.F.	-134		1	1742 S.F.		-8	
Storage Rooms	1,000 S.F.				622 S.F.	-378			800 S.F.		-200	
Stage/Wings	3,600 S.F.				2263 S.F.	-1,337			2263 S.F.		-1,337	
Commons/Drama	2,600 S.F.	1	1	[4]	793 S.F.	-1,807		1	2556 S.F.		-44	
Tickets/Lavs	500 S.F.				475 S.F.	-25			500 S.F.		0	
	19,250 S.F.	3	3		12574 S.F.	-6,676	-35%	3	15866 S.F.		-3,384	-18%
Bus. Ed & Computer Mgt. System												
Comp Lab (4 @ 1,060)	4,240 S.F.	4	4	[29-30-31-51]	4420 S.F.	180		4	4089 S.F.		-151	
Stor. Rooms (4 @ 60)	240 S.F.				143 S.F.	-97			126 S.F.		-114	
Teacher Planning	60 S.F.				0 S.F.	-60			0 S.F.		-60	
	4,540 S.F.	4	4		4563 S.F.	23	1%	4	4215 S.F.		-325	-7%
Health Education												
Health Ed. Cl. Room	800 S.F.	1	1	[38]	906 S.F.	106		1	880 S.F.		80	
Storage Area	50 S.F.				S.F.	-50			0 S.F.		-50	
Teacher Planning	60 S.F.				S.F.	-60			0 S.F.		-60	
	910 S.F.	1	1		906 S.F.	-4	0%	1	880 S.F.		-30	-3%
Home Economics												
Foods & Nutrition Classroom	960 S.F.	1	1	[33]	0 S.F.	-960		1	0 S.F.		-960	
Child Dev. Lab	800 S.F.	1			1116 S.F.	316			1116 S.F.		316	
Storage	900 S.F.	1			0 S.F.	-900			0 S.F.		-900	
Teaching Planning	300 S.F.				98 S.F.	-202			98 S.F.		-202	
Plus outside Child Dev. Play Area/Classes	120 S.F.				0 S.F.	-120			0 S.F.		-120	
	3,080 S.F.	3	1		1214 S.F.	-1,866	-61%	1	1214 S.F.		-1,866	-61%

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	design area	teaching spaces	teaching spaces			area	percent	Proposed area	area		percent	
			quantity	plan ID	quantity					additional		
Media												
Main Reading Room	5,900 S.F.				6423 S.F.	523				6423 S.F.	523	
Tech. Resource Rm	860 S.F.	1	1	[8]	785 S.F.	-75		1		500 S.F.	-360	
Office & Work Space	300 S.F.				634 S.F.	334				634 S.F.	334	
Media Production	600 S.F.				0 S.F.	-600				0 S.F.	-600	
Book & AV Storage	800 S.F.				912 S.F.	112				912 S.F.	112	
Distribution Center	300 S.F.				0 S.F.	-300				0 S.F.	-300	
TV Studio/Classroom	800 S.F.				729 S.F.	-71				1028 S.F.	228	
Conference Rm					190	190				142	142	
	9,560 S.F.	1	1		9673 S.F.	113	1%	1		9639 S.F.	79	1%
Music Education												
Instrumental Rehearsal	2,800 S.F.	1	1	[1]	2359 S.F.	-441		1		2800 S.F.	0	
- Equipment Stor.	300 S.F.				312 S.F.	12				322 S.F.	22	
- Instru. Repair	160 S.F.				0 S.F.	-160		1		182 S.F.	22	
- Uniform Stor.	220 S.F.				182 S.F.	-38				308 S.F.	88	
Choral Rehearsal	1,275 S.F.	1	1	[2]	1105 S.F.	-170		1		1634 S.F.	359	
- Stor. Cabinets	45 S.F.				0 S.F.	-45				45 S.F.	0	
- Stor. Work Rm	220 S.F.				0 S.F.	-220		1		333 S.F.	113	
Practice Rms (4 @ 65)	260 S.F.				569 S.F.	309				280 S.F.	20	
Piano Lab	240 S.F.				0 S.F.	-240				0 S.F.	-240	
Electronics Lab	200 S.F.				0 S.F.	-200		1		420 S.F.	220	
Ensemble/Music Lib.	435 S.F.				0 S.F.	-435		1		480 S.F.	45	
Office					204	204				160	160	
	6,155 S.F.	2	2		4731 S.F.	-1,424	-23%	2	4	6964 S.F.	809	13%
Physical Education												
Main Gym	10,000 S.F.	2	2	[43-44]	10000 S.F.	0		2		10000 S.F.	0	
Auxiliary Gym	4,800 S.F.	1	1	[41]	4841 S.F.	41		1		4841 S.F.	41	
Wrestling Room	2,058 S.F.	1			2198 S.F.	140		1		1904 S.F.	-154	
Weight Training Room	2,925 S.F.	1	1	[42]	0 S.F.	-2,925		1	1	3000 S.F.	75	
Locker Rooms (2)	3,766 S.F.				2333 S.F.	-1,433				3264 S.F.	-502	
Shower Rooms (2)	800 S.F.				412 S.F.	-388				810 S.F.	10	
Drying Rooms (2)	320 S.F.				581 S.F.	261				312 S.F.	-8	
Toilet Rooms (2)	340 S.F.				348 S.F.	8				286 S.F.	-54	
Teacher Planning	400 S.F.				96 S.F.	-304				408 S.F.	8	
Team Rooms (4)	1,200 S.F.				928 S.F.	-272				1194 S.F.	-6	
Coaches Planning (2)	480 S.F.				654 S.F.	174				560 S.F.	80	
Lobby Area	TBD S.F.				S.F.					0 S.F.	0	
- Athletic Director	120 S.F.				137 S.F.	17				308 S.F.	188	
- Ticket Booth	TBD S.F.				S.F.					S.F.	0	
- Concession Stand	TBD S.F.				S.F.					S.F.	0	
- Rest Rooms	TBD S.F.				S.F.			4		640 S.F.	640	
Training Room	400 S.F.				70 S.F.	-330				261 S.F.	-139	
Laundry Room	150 S.F.				314 S.F.	164				150 S.F.	0	
Storage Area	610 S.F.				1048 S.F.	438				532 S.F.	-78	
Outside Storage	850 S.F.				S.F.	-850		1		396 S.F.	-454	
Team Room Stor.	220 S.F.				S.F.	-220				0 S.F.	-220	
Small Stor. Areas	420 S.F.				763 S.F.	343				193 S.F.	-227	
Towel Rm	S.F.				120 S.F.	120				0 S.F.	0	
	29,859 S.F.	5	4		24843 S.F.	-5,016	-17%	5	6	29059 S.F.	-800	-3%
Science												
science classrooms/labs rooms total					11834 S.F.	11,834				11834 S.F.	11,834	
Earth Science (2)	2,700 S.F.	2	2	[45-46]	S.F.	-2,700		2		S.F.	-2,700	
Biology (3)	4,500 S.F.	3	3	[52-66-67]	S.F.	-4,500		3		S.F.	-4,500	
Chemistry (4)	6,000 S.F.	4	4	[53-63-64-65]	S.F.	-6,000		4		S.F.	-6,000	
Science Classroom	0 S.F.				S.F.	0				S.F.	0	
Prep Area - Bio/ES	800 S.F.				868 S.F.	68				868 S.F.	68	
Prep Area - Chem	300 S.F.				401 S.F.	101				401 S.F.	101	
Storage Area	350 S.F.				704 S.F.	354				704 S.F.	354	
Seminar Area	375 S.F.				S.F.	-375				0 S.F.	-375	
Project Area	375 S.F.				350 S.F.	-25				350 S.F.	-25	
Teacher Planning	540 S.F.				S.F.	-540		1		537 S.F.	-3	
Greenhouse	510 S.F.				S.F.	-510				S.F.	-510	
	16,450 S.F.	9	9		14157 S.F.	-2,293	-14%	9	1	14694 S.F.	-1,756	-11%
Technology Education												
Fab/Production Lab	2,400 S.F.	1	1	[39]	2312 S.F.	-88		1		2400 S.F.	0	
- Materials Stor.	250 S.F.				250 S.F.	0				252 S.F.	2	
- Project Stof. & Fin	200 S.F.				68 S.F.	-132				200 S.F.	0	
Communications Lab	1,400 S.F.	1			S.F.	-1,400		2	2	2740 S.F.	1,340	
Storage	200 S.F.				S.F.	-200			1	480 S.F.	280	
Teacher Planning	120 S.F.				192 S.F.	72				132 S.F.	12	
	4,570 S.F.	2	1		2822 S.F.	-1,748	-38%	3	3	6204 S.F.	1,634	36%

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	design area	teaching spaces	teaching spaces		Exist area	area	percent	teaching spaces		Proposed area	area	percent	
			quantity	plan ID				quantity	additional				
Gifted and Talented													
Gifted & Talented	800 S.F.	1			285 S.F.	-515			1	800 S.F.	0		
Storage	50 S.F.				S.F.	-50			1	78 S.F.	28		
Teacher Planning	60 S.F.				S.F.	-60			1	108 S.F.	48		
	910 S.F.	1		0	285 S.F.	-625	-69%		1	2	986 S.F.	76	8%
Special Education													
Speech-Lang Ther.	150 S.F.				170 S.F.	20				162 S.F.	12		
OT/PT Area	300 S.F.				S.F.	-300				S.F.	-300		
OT Storage	60 S.F.				S.F.	-60				S.F.	-60		
Conference Room	220 S.F.				S.F.	-220				S.F.	-220		
Classroom (6)	3,000 S.F.				1530 S.F.	-1,470		5		2163 S.F.	-837		
Teacher Planning (3)	180 S.F.				354 S.F.	174				250 S.F.	70		
Storage	60 S.F.				0 S.F.	-60			1	40 S.F.	-20		
	3,970 S.F.				2,054 S.F.	-1,916	-48%		1	2,615 S.F.	-1,355	-34%	
English Lang. Arts													
Cl. Rms (10 @ 800)	8,000 S.F.	10			9106 S.F.	1,106			10	7748 S.F.	-252		
					[5-6-7-9-10-11]	0							
					[12-13-16-18-20]	0							
Teacher Planning	780 S.F.				616 S.F.	-164				768 S.F.	-12		
Central Storage	550 S.F.				133 S.F.	-417				320 S.F.	-230		
Seminar Rms (2)	750 S.F.				0 S.F.	-750			1	768 S.F.	18		
Technology Res.	860 S.F.				0 S.F.	-860			1	800 S.F.	-60		
Journalism/Year Book	1,300 S.F.				0 S.F.	-1,300			1	1067 S.F.	-233		
	12,240 S.F.	10		11	9,855 S.F.	-2,385	-19%		10	3	11,471 S.F.	-769	-6%
Foreign Lang/ESOL													
Tech Resource & Stor. Classroom (4 @ 800)	860 S.F.								1	849 S.F.	-11		
	3,200 S.F.	4			5170 S.F.	1,970			4	3114 S.F.	-86		
					[26-27-28]	0					0		
					[34-49-61-62]	0					0		
- ESOL classrooms					1 [32]	874 S.F.	874			0 S.F.	0		
Seminar Room	375 S.F.				0 S.F.	-375			1	360 S.F.	-15		
Teaching Planning	360 S.F.				489 S.F.	129				384 S.F.	24		
Storage	300 S.F.				S.F.	-300			1	112 S.F.	-188		
	5,095 S.F.	4		8	6,533 S.F.	1,438	28%		4	3	4,819 S.F.	-276	-5%
Mathematics													
Tech Resource Room	860 S.F.				S.F.	-860			1	810 S.F.	-50		
Classroom (10 @ 900)	9,000 S.F.	10			8015 S.F.	-985			10	8159 S.F.	-841		
					[47-48-50-54-55]	0					0		
					[56-57-58-59-60]	0					0		
Math Book Storage	300 S.F.				290 S.F.	-10				290 S.F.	-10		
Teacher Planning	660 S.F.				690 S.F.	30				660 S.F.	0		
	10,820 S.F.	10		10	8,995 S.F.	-1,825	-17%		10	1	9,919 S.F.	-901	-8%

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	quantity of spaces		quantity of spaces		difference from ed spec		quantity of spaces		difference from ed spec			
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			quantity	plan ID				quantity	additional			
Social Studies												
Classroom (10)	8,000 S.F.	10	9		7562 S.F.	-438		10		7691 S.F.	-309	
				[17-19-22-23]		0					0	
				[24-25-35-36-37]		0					0	
Teacher Planning	660 S.F.				810 S.F.	150				690 S.F.	30	
Seminar Rooms	375 S.F.				0 S.F.	-375				S.F.	-375	
Storage/Work Room	400 S.F.				663 S.F.	263				600 S.F.	200	
Tech. Resource Rm	860 S.F.				S.F.	-860				S.F.	-860	
						0					0	
	10,295 S.F.	10	9		9,035 S.F.	-1,260	-12%	10		8,981 S.F.	-1,314	-13%
JROTC												
Classroom (2)	1,500 S.F.				S.F.	-1,500				0 S.F.	-1,500	
Planning Office	340 S.F.				S.F.	-340				0 S.F.	-340	
Uniform Storage	600 S.F.				S.F.	-600				0 S.F.	-600	
						0				0 S.F.	-2,440	-100%
	2,440 S.F.	0	0		0 S.F.	-2,440	-100%	0		0 S.F.	-2,440	-100%
Special Ed E.D.												
Classroom (2)	1,200 S.F.				762 S.F.	-438				1216 S.F.	16	
Teacher Plan (2)	180 S.F.				115 S.F.	-65				160 S.F.	-20	
Time-out Room	42 S.F.				488 S.F.	446				160 S.F.	118	
Storage	60				309						40	
	1,482 S.F.				1674 S.F.	192	13%			1536 S.F.	154	10%
	170,641 S.F.	67	67		135,155 S.F.	-35,486	-21%	67	33	152,240 S.F.	-18,402	-11%

use areas do not include portable classrooms