

September 10, 2019

PATHWAY #5 | PRELIMINARY SPACE PROGRAM NEW 9-12 HIGH SCHOOL | +/- 2,100 STUDENTS

No.	Program Area	Net Space Allocation			Notes
		Area	No	Total Net Area	
1.00	Core Curriculum				
1.01	Classrooms	900	41	36,900	(15) English, (15) Math, (15) Social Studies
1.02	Storage	50	12	600	
1.03	Data	38	5	190	
1.04	Science	1,700	12	20,400	
1.05	Prep	500	6	3,000	
1.06	Storage	75	6	450	
1.07	Physics	1,700	3	5,100	
1.08	Prep	500	2	1,000	
1.09	Storage	75	2	150	
1.10	Science Department Office	450	1	450	
1.11	ARETE	900	4	3,600	
1.12	Collaboration Spaces	1,000	12	12,000	
1.13	Marketing Classroom	1,100	1	1,100	
1.14	Storage	70	1	70	
1.15	Business Classroom	1,200	1	1,200	
1.16	Proficiency Classroom	900	-	-	
1.17	Integrated Tech.	900	1	900	
1.18	Foreign Language	900	8	7,200	
1.19	Large Group Instruction	1,600	-	-	
1.20	Study Hall	900	-	-	
1.21	Flex Classrooms	900	2	1,800	
	Total Core Curriculum Area:			96,110	
2.00	STEM / Tech. Ed.				
2.01	Automotive Lab	3,200	1	3,200	
2.02	Small Engine	700	1	700	
2.03	Classroom	1,200	1	1,200	
2.04	Storage	650	1	650	
2.05	Auto Tools	400	1	400	
2.06	Finishing	650	1	650	
2.07	Material Science Lab	2,300	1	2,300	
2.08	CNC Lab	800	1	800	
2.09	3D/CADD Lab	1,200	1	1,200	
2.10	Material Tools	400	1	400	
2.11	Material Storage	650	1	650	
2.12	Data	40	1	40	
2.13	Welding	1,000	1	1,000	
2.14	Construction Lab	2,600	1	2,600	
2.15	Tool Control	400	1	400	
2.16	Construction Storage	1,000	1	1,000	
2.17	Prep Office	250	1	250	
2.18	Toilet/Shower	70	1	70	
2.19	Engineering Lab/Classroom	1,500	2	3,000	

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		Area	No	Total Net Area	
2.00	STEM / Tech. Ed. - continued				
2.20	Storage	200	1	200	
2.21	STEM Commons/Collaboration	1,400	2	2,800	
2.22	AG. Lab	1,500	-	-	
2.23	Offices	120	-	-	
2.24	Animals	120	-	-	
2.25	Greenhouse	1,500	-	-	
2.26	Men's Toilet	200	1	200	
2.27	Women's Toilet	200	1	200	
	Total STEM / Tech. Ed. Area:				23,910
3.00	Music				
3.01	Choir	3,400	1	3,400	
3.02	Practice Rooms	100	1	100	
3.03	Ensemble Room	220	1	220	
3.04	Office	140	1	140	
3.05	Band	3,400	1	3,400	
3.06	Ensemble Room	250	1	250	
3.07	Practice Room 1	100	3	300	
3.08	Practice Room 2	150	1	150	
3.09	Office	450	2	900	
3.10	Orchestra	2,300	1	2,300	
3.11	Practice Rooms	90	1	90	
3.12	Ensemble Room 1	120	1	120	
3.13	Ensemble Room 2	175	1	175	
3.14	Office	220	1	220	
3.15	Instrument Storage	500	1	500	
3.16	Show Choir	2,500	1	2,500	
3.17	Storage	250	1	250	
3.18	Library / Repair	500	1	500	
3.19	Classroom	600	1	600	
3.20	Uniform Storage	400	1	400	
3.21	Department Storage	110	3	330	
3.22	Department Office	150	1	150	
	Total Music Area:				16,995
4.00	Computers/Technology				
4.01	Computer Lab	1,200	2	2,400	
	Total Computers/Technology Area:				2,400
5.00	Special Education				
5.01	LD/ED 1	450	2	900	
5.02	LD/ED 2	900	4	3,600	
5.03	CDS 1	500	1	500	
5.04	Toilet	50	1	50	
5.05	CDS 2	850	1	850	
5.06	Toilet	125	1	125	
5.07	Office	225	1	225	
5.08	OT/PT	900	1	900	
5.09	Storage	200	1	200	
5.10	Speech/Language	250	2	500	
5.11	Reading	900	1	900	
5.12	Therapy	650	1	650	
5.13	Transition with toilet	575	1	575	
5.14	At Risk	900	1	900	
5.15	E.L.L	450	2	900	
5.16	Sensory	70	1	70	
	Total Special Education Area:				11,845

No.	Program Area	Net Space Allocation			Notes
		Area	No	Total Net Area	
6.00	Library				
6.01	Library	8,500	1	8,500	
6.02	Circulation Desk	200	1	200	
6.03	Work Room/Office/Storage	750	1	750	
6.04	Computer Lab	960	1	960	
6.05	Classroom	500	1	500	
6.06	AP Office	150	2	300	
6.07	Tech. Center 1	350	1	350	
6.08	Tech. Center 2	150	1	150	
6.09	Learning Center	700	1	700	
6.10	Office	100	1	100	
	Total Library Area:				12,510
7.00	Art				
7.01	Textile	1,200	1	1,200	
7.02	Storage	250	1	250	
7.03	Drawing/Painting	1,500	1	1,500	
7.04	3D Art	1,500	2	3,000	
7.05	Storage	350	1	350	
7.06	Kiln	120	1	120	
7.07	Graphic Arts	1,400	1	1,400	
7.08	Storage	250	1	250	
7.09	Photography	1,500	-	-	
7.10	Storage	250	-	-	
	Total Art Area:				8,070
8.00	F&CE				
8.01	Traditional Kitchen	1,400	1	1,400	
8.02	Advanced Kitchen	1,400	1	1,400	
8.03	Storage	200	1	200	
8.04	Human Services	1,200	1	1,200	
8.05	Storage	200	1	200	
8.06	Toilet	50	1	50	
8.07	Med. Occup.	1,200	1	1,200	
8.08	Storage	140	1	140	
8.09	Toilet	75	1	75	
8.10	Hospitality	600	1	600	
	Total F&CE Area:				6,465
9.00	Physical Education				
9.01	Fieldhouse	23,000	1	23,000	3 courts +/- 4,000 seats 40' clear to btm of struc.
9.02	Storage	500	1	500	
9.03	Gymnasium	13,400	1	13,400	2 courts +/- 130 seats X 2 sets of bleachers = 260
9.04	Storage	500	1	500	
9.05	AD Storage	75	1	75	
9.06	Health Classroom	900	2	1,800	
9.07	Training	900	1	900	
9.08	Toilets Men's	900	1	900	
9.09	Toilets Women's	1,000	1	1,000	
9.10	Concessions	300	1	300	
9.11	Family Toilets	60	2	120	
9.12	Women's P.E. Locker Room	1,500	1	1,500	
9.13	Office	200	1	200	
9.14	Locker/Toilet	170	1	170	
9.15	Shower	225	1	225	
9.16	Toilet	170	1	170	
9.17	Women's Team Locker Room	2,200	1	2,200	
9.18	Shower	150	1	150	

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		Area	No	Total Net Area	
9.00	Physical Education - continued				
9.19	Toilet	170	1	170	
9.20	Men's P.E. Locker Room	1,500	1	1,500	
9.21	Office	200	1	200	
9.22	Locker/Toilet	170	1	170	
9.23	Shower	225	1	225	
9.24	Toilet	170	1	170	
9.25	Men's Team Locker Room	2,200	1	2,200	
9.26	Shower	150	1	150	
9.27	Toilet	170	1	170	
9.28	Coach's Office	170	2	340	
9.29	Lockers/Toilet/Shower	170	2	340	
9.30	P.E. Office	200	2	400	
9.31	P.E. Storage	2,400	1	2,400	
9.32	Equipment Drying	200	1	200	
9.33	Weights/Fitness/Cross Fit	7,500	1	7,500	
9.34	Wrestling	5,800	1	5,800	
9.35	Office	130	1	130	
9.36	Storage	150	1	150	
9.37	Team Storage 1	1,400	1	1,400	
9.38	Team Storage 2	25	5	125	
9.39	Pool			not included	
9.40	Gymnastics			not included	
	Total Physical Education Area:				70,850
10.00	Administration & Student Services				
10.01	Administration/Main Office & Student Services	700	1	700	Includes space for waiting and receptionist
10.02	Principal Office	280	1	280	
10.03	Principal Secretary	150	1	150	
10.04	Assistant Principal Office	180	4	720	
10.05	Guidance Office	140	5	700	
10.06	Psychologist Office	140	2	280	
10.07	Social Worker Office	140	2	280	
10.08	Finance Manager	140	1	140	
10.09	Police Liaison Officer	140	1	140	
10.10	Tech. Sec.	140	1	140	
10.11	Special Ed. Manager	140	1	140	
10.12	Conference Room 1	180	1	180	
10.13	Conference Room 2	240	1	240	
10.14	Conference Room 3	300	1	300	
10.15	Staff Toilets	50	2	100	
10.16	Record Storage	180	1	180	
10.17	Staff Work/Copy/Mail	700	1	700	
10.18	Coat Closet	20	2	40	
10.19	Kitchennette	30	1	30	
10.20	Career Center	1,200	1	1,200	
10.21	Records	300	1	300	
10.22	Group Classroom	300	1	300	
10.23	Health	400	1	400	
10.24	Nurse's Office	180	1	180	
10.25	Toilet	60	1	60	
10.26	Attendance Office	300	1	300	
10.27	Athletic Director Administration	250	1	250	
10.28	Athletic Director Office	200	1	200	
10.29	Storage	100	1	100	
	Total Admin. & Student Services Area:				8,730

No.	Program Area	Net Space Allocation			Notes
		Area	No	Total Net Area	
11.00	Staff Work & Break				
11.01	Staff Break/Lunch	900	1	900	
11.02	Toilet	65	4	260	
	Total Staff Work & Break Area:				1,160
12.00	Cafeteria/Kitchen				
12.01	Main Cafeteria	6,000	1	6,000	400 students @ 15 sq. ft. per student
12.02	Distributed Dining Spaces	2,100	5	10,500	140 students @ 5 locations = 700 students
12.03	Serveries for Distributed Dining Spaces	400	5	2,000	
12.04	Kitchen	1,500	1	1,500	
12.05	Servery	2,000	1	2,000	
12.06	Dishwasher	150	1	150	
12.07	Freezer/Coolers	400	2	800	
12.08	Dry Storage	250	1	250	
12.09	Receiving/Storage	2,500	1	2,500	
12.10	General Storage	650	1	650	
12.11	Office	180	1	180	
12.12	Lockers	75	1	75	
12.13	Toilet	60	1	60	
12.14	Concessions	200	2	400	
12.15	Table Storage	700	1	700	
12.16	Custodial Storage/Scrubber	150	1	150	
	Total Cafeteria/Kitchen Area:				27,915
13.00	Maintenance/Janitorial				
13.01	Janitor's Closets	50	13	650	
13.02	Office	140	1	140	
13.03	Electrical	20	10	200	
13.04	Switchgear	310	1	310	
13.05	Generator/Transformer	440	1	440	
13.06	General Building Storage	200	1	200	
13.07	Laundry	140	1	140	
	Total Maintenance/Janitorial Area:				2,080
14.00	Shared/Common Space				
14.01	Lobby	-	-	-	Cafeteria is used as lobby
14.02	School Store	900	1	900	
14.03	Storage	200	1	200	
14.04	Public Restroom Men's	190	12	2,280	
14.05	Public Restroom Women's	200	12	2,400	
14.06	Public Unisex Restroom	65	15	975	
14.07	Elevator	75	3	225	1 Academics 1 Athletics 1 Auditorium
14.08	Elevator Equipment Rooms	60	3	180	
	Total Shared/Common Space Area:				7,160
15.00	Performing Arts Center				
15.01	Lobby	3,700	1	3,700	
15.02	House with Balcony	9,300	1	9,300	800 seats no balcony
15.03	Stage	3,500	1	3,500	
15.04	Pit	1,500	1	1,500	
15.05	Control Booth	230	1	230	
15.06	Black Box Performance Space	3,200	1	3,200	300 seats
15.07	Control / Storage	2,000	1	2,000	
15.08	Scene Storage	900	1	900	
15.09	Shop/Receiving	1,600	1	1,600	
15.10	Green Room	700	1	700	
15.11	Dressing Rooms	600	2	1,200	
15.12	Toilets / Showers	60	4	240	
15.13	Ticket Booth	100	1	100	

No.	Program Area	Net Space Allocation			Notes
		Area	No	Total Net Area	
15.00	Performing Arts Center - continued				
15.14	Office	100	1	100	
15.15	Concessions	200	1	200	
15.16	Storage	150	2	300	
15.17	Public Restroom Men's	500	1	500	
15.18	Public Restroom Women's	700	1	<u>700</u>	
	Total Performing Arts Center Area:				29,970
	Total Building Area - Net:				326,170
16.00	Grossing Calculation				
16.01	Circulation grossing factor	326,170	@	15.0%	48,900
16.02	Mechanical grossing factor	375,070	@	10.0%	37,500
16.03	Misc. grossing factor	375,070	@	10.0%	<u>37,500</u>
	Total Grossing Factors:				123,900
	Total Building Area:				450,070