

INITIAL SPACE SUMMARY

3.1 NARRATIVE DESCRIPTION

INTRODUCTION

The MSBA has issued an approved enrollment of 805 students, Grades 9-12 for Martha's Vineyard Regional High School (MVRHS). The proposed draft space template included within the PDP submission dated 10-15-24 developed with the Martha's Vineyard Regional High School District in a series of meetings with the senior curriculum leadership team as well as three visioning sessions that included faculty and staff. The template reflects the established goals set by the District in their Educational Program document.

CORE ACADEMIC

The core academic category exceeds the MSBA template by 4,940 NSF. This overage is in part due to a classroom size of 950 NSF. In addition, the District would like to have eight science labs while the MSBA guidance only shows seven science labs. The existing school has eight labs and maintaining that number allows the school to deliver its desired educational program without reducing its curriculum offerings or disruptive scheduling adjustments. The District also noted a critical need for an ELL Resource Room. ELL is a big component for MVRHS and as the demographics of the Island change, a program that can meet those needs is important. A Foreign Language Lab is also important because it will enhance the foreign languages programs by expanding possible instructional tools and teaching techniques.

Expanding students views and connections beyond just the Island is important to making them global citizens and well rounded people. Classes from all subjects will be able to use this space for different audio and recording projects or assignments.

SPECIAL EDUCATION

The special education category exceeds the MSBA template by 3,200 NSF. The overage is in part due to the added programs – physical therapy, occupational therapy, and speech therapy. These are all necessary spaces for MVRHS to accommodate and ensure all students thrive. The Compass program, Navigator program and Voyager programs are each allotted the equivalent space of one self-contained sped classroom. Reductions to the resource room and small group room square footage is acceptable because of the combination of the dedicated spaces for the Compass, Navigator and Voyager programs along with the self-contained special education classrooms and the added academic support center. The academic support center is an added space under Collaborative Program Spaces in the space summary. The school's student population with IEPs is continuing to grow. Space dedicated for academic support, small groups and individualized instruction are important for the success of students who are supported through the academic support centers.

ART & MUSIC

This category exceeds the MSBA template guidance by 4,550 NSF. The Performing Arts Department provides a variety of different courses ranging from large "big band" to "minnesingers". Three large rooms – Chorus, Ensemble, and Band, and a music / recording classroom and small practice spaces are needed to meet the educational needs of the music and robust drama program as described in the education program. The addition of the band room and enlarging the ensemble room contribute to the overage. A music classroom and recording studio are important to the development of the music program as courses change with technological advancements. Other school subjects and programs will be able to use the recording studio for video, audio, and sound production projects.

VOCATIONS & TECHNOLOGY

This category exceeds the MSBA template guidelines by 28,540 NSF. Most of the overage is due to the Chapter 74 programs – Automotive Technology, Carpentry, Culinary Arts, Early Education and Care, Health Assisting, Horticulture and Marine Service Technology. The CTE programs are especially important program elements to the school and to the Island. They prepare students for college and employment in a wide range of high wages, high skill, high demand careers. All the current chapter 74 programs are undersized, of those programs. The Culinary Arts program is recognized as one of the Flagship CTE programs in the school and currently undersized. With an upgrade and expansion, the program would be able to create a restaurant for student instruction and community wide benefit. The horticulture program needs more space to house new earthmoving machinery and equipment and more space to grow native plants. An expansion of space will allow each program to enhance educational instruction and to better serve the community.

HEALTH AND PHYSICAL EDUCATION

This category exceeds the MSBA template guidelines by 9,342 NSF. The fact that MVRHS is on an island creates a unique situation. On the mainland, a town's sports teams could use a neighboring town's facilities or even private facilities to help augment practice or games spaces. This High School does not have that luxury. Providing more health and physical education space allows for more equity and parity among sports teams vying for practice time and space. The overage is due in large part to an additional gym practice space, indoor track, and studio space. The small gym practice space allows for a variety of different activities ranging from wrestling to special education programs. The small gym practice space also supports PE programming when the community, job fairs, testing or other school wide events are using the large gym. The indoor track provides a safe space for students and faculty to exercise year-round. The studio space meets the needs of the PE program by creating a space that can be flexible to accommodate yoga or dance or a different program that promotes health and wellness. A health/PE classroom, equipment storage and trainer's room all contribute to the overage. A dedicated classroom for health and PE classes would allow for critical and specific health and wellness educational instruction. A trainer's room and equipment storage help provide necessary support to the athletic and PE programs.

MEDIA CENTER

This category is consistent with the MSBA template.

AUDITORIUM/DRAMA

This category exceeds the MSBA template by 5,082 NSF. The school's current auditorium is about 7,000 NSF. Reducing the size of the auditorium from the current size will be a limitation on the type of productions and events that can go on there. The auditorium is one of the largest gathering spaces on the Island, and reducing the size would be a detriment to the entire population. Therefore, the proposed auditorium is 7,000 SF to allow the same level of drama productions and events to continue at an expanded or new facility. The addition of a drama classroom both to accommodate the school's strong drama program and as a project space for other programs also contributes to the overage. It is anticipated that the space will be used for multiple periods each school day for drama courses. In addition, it will be used as a theater/multi-purpose room with space to design and build sets and rehearse performances when the auditorium is in use for some other purpose. Additionally, the room offers opportunities for larger groups of students to come together for speeches, debates, minforums, exhibitions, video presentations, smaller musical/acting performances, and interdisciplinary programming both during and after the school day.

DINING & FOOD SERVICE

This category is consistent with the MSBA template.

MEDICAL

This category exceeds the MSBA template guidelines by 60 NSF. A restroom is added to the medical suite.

ADMINISTRATION & GUIDANCE

This category exceeds the MSBA template guidelines by 1,144 NSF. Like many other schools across the state, MVRHS is keenly aware of the need for spaces and programs to address behavioral health challenges and support students and their families. MVYPS' education philosophy is grounded in the belief that children learn best and succeed when their emotional needs are supported. The overage is due in large part to the robust guidance and counseling services that are available to all students. Equity and Access Coordinator, post-secondary transition position, and SRO all contribute to the wellbeing of the students but also contribute to the overage. An additional conference room is required to support the collaboration and communication of all the administrators, guidance and adjustment counselors, special education staff, school nurses and classroom teachers.

CUSTODIAL & MAINTENANCE

This category is consistent with the MSBA template.

OTHER

This category lists four spaces that are not included on the standard MSBA High School template:

Pre-Kindergarten Classroom:

Martha's Vineyard Regional School District has a Pre-K program across the Island at different schools. One Pre-K classroom is within the High School. Pairing this with the Early Education and Care CTE program will not only help the Island community but provide an invaluable learning opportunity for students. This space is listed at 1,200 NSF.

Project Vine Alternative Education Suite:

Project Vine is an embedded alternative education program. It offers 10th-12th graders smaller classes that are cohorted, enabling each grade level to attend the same classes together. The purpose of this program is to create a strong and supportive community that engages students that might otherwise be adversely affected by the challenges of high school. This space is listed at 2,600 NSF.

School Store:

The current MVRHS has a small store but would like to expand it. The store would provide valuable, real-world experiences in an authentic setting. The store would be able to sell school branded merchandise and potentially provide an opportunity for Culinary Arts students to sell healthy snacks. This space is listed at 500 NSF.

IT help desk / office:

Each student receives a school issued preloaded computer for use inside and outside the classroom. Space is required for troubleshooting and repairs of the computers. This space is listed at 300 NSF.

CONCLUSION

Martha's Vineyard Regional High School is in a unique position as a comprehensive high school on an isolated island. MVRHS needs to balance a traditional education model with career and technical educational programs while also providing support for students of all abilities. The school serves an island community which is economically and socially diverse and where both college and career readiness are of equal importance. The high school is an asset and resource for the entire island community beyond just being an academic building.

The core academic classrooms, science classrooms and special education spaces all need more space to meet the education program. The Island has a passion for art and music and the school mirrors that with robust art, music and performing arts programs. The auditorium is a beloved space on Martha's Vineyard because it is an entire island wide resource. Maintaining the size of that program element is crucial. The current CTE program spaces are undersized and do not meet state standards. To benefit the students and Island, they need to increase in size. CTE spaces are not a part of the base space summary template, resulting in the space template being larger. Athletics are a source of pride on the Island. A variety of spaces like an indoor track or small gym practice space allows student athletes to flourish. Spaces that allow for guidance and counseling staff to engage all students while providing social emotional support that permits students to fully engage in the school community and abroad are critical. The education program reflects the desire and need to provide educational opportunities that prepare students for a lifetime of learning, wellness, and independence on and off the Island. The space template reflects the education program.

3.2 INITIAL SPACE SUMMARY

Proposed Space Summary - High School

Proposed Space Summary - High School PDP SUBMISSION					PROPOSED PROGRAM								Date: [10/23/2024] Preliminary Design Program							
[ENTER DISTRICT NAME] [ENTER SCHOOL NAME]	EXISTING CONDITIONS			EXISTING	EXISTING TO REMAIN / RENOVATED			NEW CONSTRUCTION			TOTAL			VARIATION TO MSBA GUIDELINES			(Ref		A GUIDELINES (DO NOT MODIFY) nal Facility Planning for additional information)	
ROOM TYPE	ROOM NFA ¹	# OF ROOMS	AREA TOTALS	ROOM NFA ¹	# OF ROOMS	AREA TOTALS	ROOM	# OF ROOMS	AREA TOTALS	ROOM NFA ¹	# OF ROOMS	AREA TOTALS	ROOM NFA ¹	# OF ROOMS	AREA TOTALS	ROOM NFA ¹	# OF ROOMS	AREA TOTAL	S COMMENTS	
						<u> </u>														
E ACADEMIC rooms of different sizes separately)	705		30,696			0	050		45,620	050		45,620			4,940	000		40,680		
General Classroom Teacher Planning Small Group Seminar (20-30 seats)	735 340	25 3 0	18,375 1,020			0	950 700 500	28 4 2	26,600 2,800 1,000		28 4 2	26,600 2,800 1,000	50 600 0	0 -24 0	1,400 0	900 100 500	28 28 2	25,200 2,800 1,000		
Science Classroom / Lab	1,198	8	9,584			0	1,440	8	11,520		8	11,520	0	1	1,440	1,440	7		Assumed schedule: 3 x 85% utilization = 20 seats; 1 perio per student; 1,440 NSF (minimum size); refer to the <u>Scien</u>	
Prep Room	404	3	1,212			0	200	8	1,600		8	1,600	0	1	200	200	7	1,400		
Central Chemical Storage Room Foreign Language Lab ELL Resource Room	0	0	0			0	200 950 950	1 1 1	200 950 950	200 950 950	1 1	200 950 950	950 950	0 1 1	950	200	1	200	(1) 200 NSF Central Chemical Storage Room required	
IAL EDUCATION			4,899			0			12,260			12,260			3,200			9,060	Special Education spaces require DESE review and appro	
rooms of different sizes separately)					1	1													825 NSF (minimum size) - 950 NSF; equal to the size of t	
Self-Contained Special Education Classroom		0	0	_		0	950	3	2,850	950	3	2,850	0	-3	-2,850	950	6	5,70	0 proposed General Classrooms that serve the same stud population.	
Compass Program	617	1	617			0	475	2	950	475	2	950	-475	2	950	950	0		825 NSF (minimum size) - 950 NSF; equal to the size of t 0 proposed General Classrooms that serve the same stud population.	
lavigator Program	870	1	870			0	475	2	950	475	2	950	-475	2	950	950	0	(825 NSF (minimum size) - 950 NSF; equal to the size of t 0 proposed General Classrooms that serve the same stud	
Self-Contained Special Education Toilet Room	100	1	100				60	6	360	60		360	0	0		60	6	360	population.	
Resource Room	400	4 3	1,600			0	250	4	1,000	250	4	1,000	-250	1	-500	500	3	1,500		
Physical Therapy	0	0	0			0	650	1	650	650 650	1	650	650	1	650				-	
Deupational Therapy Speech Therapy	0	0	0			0	400	1	650 400		1	400	650 400	1	400					
Public Day Education Spaces (List rooms separately below)																	1			
Collaborative Program Spaces (List rooms separately below) Academic Support Center	0	0	0			0	2,500	1	2,500	2,500	1	2,500	2,500	1	2,500	050				
loyager Program	512	1	512 7,078			0	950	1	950	950	1	950	0	1	950 4,550	950	0	5,200		
rt Classroom (25 seats)	1,398	2	2,796 1.305			0	1,200	2	2,400	1,200	2	9,750 2,400 600	0	0	4,550 0 300	1,200	2	2,400 300	Assumed schedule: 25% total enrollment; 5 times per w	
Art Workroom with Storage and Kiln Chorus (50-100 seats) Ensemble	1,305 1,866 0	1 1 0	1,305 1,866 0		<u> </u>	0	600 1,500 1,500	1 1 1	600 1,500 1,500	1,500	1 1 1	600 1,500 1,500	450 0 1,300	-1 0 0	300 0 1,300	150 1,500 200	2 1 1	300 1,500 200		
Music Practice Music Storage	0 237	0	0			0	100 500	3 1	300	100	3	300	25	-1 0	0	75	4	300		
Drama Band	960 0	1 0	0			0	1,500	1	1,500	1,500	1	1,500	1,500	1	1,500					
Ausic Classroom - Recording Ausic Offices	0 874	0 1 0	0 874			0	950 250 250	1 1	950 250 250	950 250 250	1 1 1	950 250 250	950 250 250	1 1 1	950 250 250					
Art Offices		0	0			0	250	1	250 35,740	250	1	250	250	1	250			7,200		
ATIONS & TECHNOLOGY Non-Chapter 74 Programs (List rooms separately below) Cechnology / Engineering Rooms			18,589		T	0	_		35,740			35,740	4 ***	-	28,540	4.445			STE Guidelines Policy Assumed schedule: 100% total enrolmment, 5 times per	
Fechnology / Engineering Rooms Photography / Graphics Suite Design, Architecture, Animation	1,362 760	1	0 1,362 760			0	0 1,440 1,440	0	0 1,440 1,440	0 1,440 1.440	0 1 1	0 1,440 1,440	-1,440 0	-5 1 1	-7,200 1,440 1,440	1,440 1,440 1.440	5 0 0	7,200	ALE (minimum size) - 2.000 ALE (maximum size)	
Jesign, Architecture, Animation Computer Technology Fabrication Lab	840 0	1	760 840 0			0	1,440 1,440 1,440	1 1	1,440 1,440	1,440 1,440 1,440	1	1,440	0	1	1,440 1,440	1,440 1,440	0	-		
TEAM thapter 74 Programs (List rooms separately below)	0	0	0			0	1,440	2	2,880	1,440	2	2,880	0	2	2,880	1,440	0		Inclusion of Chapter 74 Programs require DESE review a	
utomotive Technology (15)	3,930	1	3,930			0	5,400	1	5,400	5,400	1	5,400	5,400	1	5,400				and a support of trograms require DESC review a	
arpentry (15) ulinary Arts (15) arly Education and Care (15)	3,262 3,635 1,140	1 1 1	3,262 3,635 1,140			0	4,350 4,300 2,100	1 1	4,350 4,300 2,100		1 1 1	4,350 4,300 2,100	4,350 4,300 2,100	1 1 1	4,350 4,300 2,100					
lealth Assisting (15) lorticulture (15)	435 2,290	2	870			0	2,300 4,400	1 1	2,300		1	2,300	2,300 4,400	1 1	2,300 4,400					
larine Service Technology (15) H & PHYSICAL EDUCATION	500	1	500 19,510			0	4,250	1	4,250 30,300	4,250	1	4,250	4,250	1	4,250 9,342			20,958	Excess PE Spaces Policy	
ymnasium E Alternatives <mark>(Weights + Studio)</mark>	14,100 130	1	14,100 130			0	12,000 1,500	1 2	12,000 3,000	1,500	1 2	12,000	0	0	0	12,000 3,000	1	12,000		
ym Storeroom ocker Rooms - Boys and Girls with Toilets	264 3,675	1	264 3,675			0	300 4,500	1	300 4,500	4,500	1	300 4,500	0 -8	0	0-8	300 4,508	1	300 4,508) 5.6 NSF per student (total enrollment)	
YE Storage Athletic Director's Office Health Instructor's Office with Shower and Toilet	116 0 0	1 0 0	116			0	500 150 250	1 1 1	500 150 250	150	1 1 1	500 150 250	0 0 0	0 0 0 0	0	500 150 250	1 1 1	500 150 250		
Coaches Room Practice Space	175	2	350			0	2.000	2	4.000	2,000	2	4,000	1,750	1	3,750	250	1	250		
Indoor Track Health / Gym Classroom	0	0	0			0	4,000 950	1	4,000 950	950	1	4,000	4,000 950	1	4,000 950					
Equipment Storage Trainer Room	0 875	0	0 875			0	250 400	1 1	250 400	250 400	1	250 400	250 400	1	250 400					
IA CENTER			4,658			0			4,931			4,931			0			4,931		
Media Center / Reading Room	4,658	1	4,658			0	4,931	1	4,931	4,931	1	4,931	0	0	0	4,931	1	4,931		
ITORIUM / DRAMA Auditorium	7,064	1	9,364 7,064			0	7,000	1	13,300 7,000		1	13,300 7,000	1,633	0	5,082 1,633	5,367	1	8,218 5,367	Excess Auditorium Spaces Policy 2/3 total enrollment at 10 NSF per seat (750 seats maxin	
Stage Auditorium Storage	2,300	1 0 0	2,300			0	1,600 600 250	1	1,600 600 750	600	1	1,600 600 750	0 149	0 0 1	0 149 150	1,600 451	1 1 2	1,600		
Make-up / Dressing Rooms (mens, womens, all gender) Controls / Lighting / Projection Drama Classroom	0 0 0	0	0			0	350 3,000	1	350	350	1	350	-50 150 3,000	0	150	300 200	1	600		
NG & FOOD SERVICE			6,088			0			7,532			7,532			0			7,532		
Cafeteria / Dining Chair / Table Storage	3,693 130	1	3,693 130			0	4,025 351	1	4,025		1	4,025	0	0	0	4,025 351	1	4,025	Based on 3 lunch seatings - 15 NSF per seat	
Scramble Serving Area Kitchen	0 1,950	0	0 1,950			0	600 2,105	1	600 2,105	2,105	1	600 2,105	0	0	0	600 2,105	1) 1,600 NSF for first 300 students + 1 NSF per additional st	
Staff Lunch Room	315	1	315			0	451	1	451		1	451	0	0	0	451	1		20 NSF per student	
ICAL Medical Suite Toilet	60	2	596 120			0	60	2	970 120	60	2	970 120	0	1	60 60	60	1	910 60		
Iurses' Office / Waiting Room nterview Room	132 0	1 0	132			0	250 100	1 2	250 200	100	1 2	250	0	0	0	250 100	1 2	250		
xamination Room / Resting NISTRATION & GUIDANCE	172	2	344 3,617		t		100	4	400 5,216	100	4	400 5,216	0	0	1,144	100	4	400		
eneral Office / Waiting Room with Toilet	620 0	1	3,617 620		-	0	403 100	1	5,216 403 100		1	5,216 403 100	1	0	1	403	1	4,072 403 100		
eachers' Mail and Time Room opy Room ecords Room	0 80 80	0 1 1	0 80 80		<u> </u>	0	200 200	1 1 1	200	200	1 1 1	200	0	0	0	200 200	1 1 1	200	, 	
rincipal's Office with Conference Area rincipal's Secretary / Waiting	307 435	1 1	307 435			0	375 125	1	375 125	375 125	1 1	375	0	0	0	375 125	1 1	375		
ssistant Principal's Office - AP1 (SOA Director) ssistant Principal's Office AP2 Operations upppisons / Spare Office Figure Director	280 140 0	1 1 0	280 140			0	150 150 120	1 1 1	150 150	150	1 1 1	150 150 120	0	0 1 0	0	150 150 120	1 0 1	- 150		
upervisory / Spare Office Finance Director TE Director onference Room (ADMIN + GUIDANCE)	0 200	0 0 2	0 0 400		<u> </u>	0	120 120 350	1 1 2	120 120 700	120	1 1 2	120 120 700	0 -100	0 0 1	0 250	120 120 450	1 1 1	120 120 450		
uidance Office uidance Waiting Room	115 525	5 1	575 525			0	150 100	9 1	1,350 100	150 100	9 1	1,350 100	0	4 0	600	150 100	5 1	750 100	 	
uidance Storeroom areer Center	50 0	1 0	50			0	100 350	1	100	350	1	100 350	-1	0	-1	100 351	1	100		
ecords Room eachers' Work Room chool Resource Officer (SRO)	125 0 0	1 0 0	125 0 0			0	150 403 120	1 1 1	150 403 120		1 1 1	150 403 120	24 1 120	0 0 1	24 1 120	126 403	1	126		
DIAL & MAINTENANCE			1,382			0			2,229			2,229			0			2,229		
ustodian's Office ustodian's Workshop	96 770	1 1	96		-	0	150 250	1 1	150	150 250	1 1	150	0	0	0	150 250	1 1	150		
ustodian's Storage ecycling Room / Trash	0 116	0	0 116			0	375 400	1	375 400	375 400	1	375	0	0	0	375 400	1	375		
eceiving and General Supply toreroom	200 200	1	200			0	351 503	1	351 503	351 503	1	351 503	0	0	0	351 503	1	351		
etwork / Telecom Room	0	0	0 1,704			0	200	1	200 5,300	200	1	200 5,300	0	0	0 5,300	200	1	200		
ist rooms separately below)			1,704			0	1.200	1		1 200	1		0	1		1.000		0	1 100 NSE (minimum rine) - 1 200 NEE (
re-Kindergarten Classroom with Toilet (if applicable) roject Vine Alternative Education Suite (Classrooms, Offices) chool Store	426 0	4	0 1,704 0			0	1,200 2,600 1,200	1 1 1	1,200 2,600 1,200	1,200 2,600 1,200	1 1 1	1,200 2,600 1,200	0 2,600 1,200	1 1 1	1,200 2,600 1,200	1,200	0	-	1,100 NSF (minimum size) - 1,300 NSF (maximum size)	
Help Desk / Office	0	0	0			0	1,200 300	1	1,200	1,200 300	1	1,200	1,200 300	1	1,200					
otal Building Net Floor Area (NFA)	·		108,181			0			173,148			173,148			62,158			110,990	Total Building Net Floor Area (NFA)	
roposed Student Capacity / Enrollment																		805	Enter Total Enrollment	
PROGRAMMED SPACES		ı			% of GFA	0		% of GFA	86,552		% of GFA	86,552			l		I		Complete this category with Schematic Design Submitte	
Other Occupied Rooms (List rooms separately below) Inoccupied MEP / FP Spaces Inoccupied Clasts Council Document and Statemen Pages				-	#DIV/0!		-	0.0000%		-	0.0000%	0								
Inoccupied Closets, Supply Rooms, and Storage Rooms oilet Rooms				-	#DIV/0! #DIV/0! #DIV/0!	-		0.0000% 0.0000%			0.0000% 0.0000% 0.0000%	0					-			
'irculation (corridors, stairs, ramps and elevators)				-	#DIV/0!	0	-	33.3277%	86,552	-	33.3277%		L			L	L			
lemaining ³								1	259,700		r	259,700	r	-	93,215		1	166 485	Total Building Gross Floor Area (GFA) ²	
Irculation (corridors, stairs, ramps and elevators) Remaining ³ Total Building Gross Floor Area (GFA) ² Grossing Factor (GFA / NFA)			165,000 1.53			#DIV/0!			1.50			1.50			0.00				Grossing Factor (GFA / NFA)	

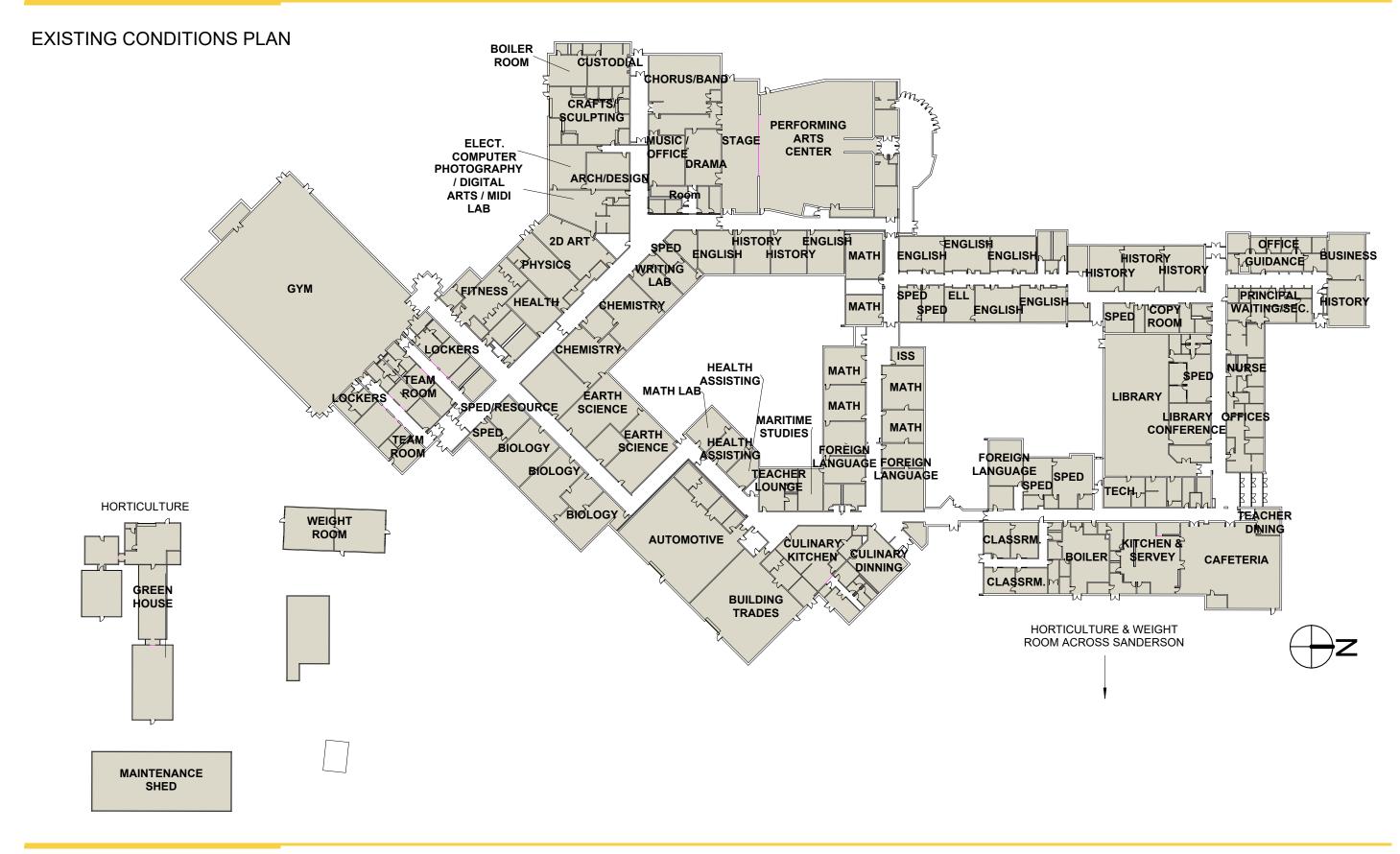
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Architect Certification	
I hereby certify that all of the information provided in this "Proposed Space Summary" is true, complete and accurate and, except as agreed to in writing by the Massachusetts School Building Authority, in accordance with the 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 Architecture Firm: Tappé Architects, Inc.	
Name of Principal Architect: Christopher Blessen AIA	
Signature of Principal Architect:	
Date: 10/15/2024	

High School Space Summary

3.3 EXISTING CONDITIONS FLOOR PLAN



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