



BURLINGTON  
HIGH SCHOOL

GIFT OF THE CLASSES OF '81 '84 '85 '86

3

# INITIAL SPACE SUMMARY



# 3.1

## NARRATIVE DESCRIPTION





## NARRATIVE DESCRIPTION

### **INTRODUCTION**

The Burlington School District has approved an enrollment of 1100 students, Grade 9-12 for Burlington High School. The proposed draft space template included within the PDP submission dated 11-07-24 was developed from a modified version of the MSBA Guidelines and in discussion with the High School Principal and District Superintendent. The template reflects the established goals set by the District in their Educational Program document.

### **CORE ACADEMIC**

The core academic category includes 40 classrooms, two more from the 38 total suggested by the MSBA Guidelines. However, some of this square footage is recovered through 5 Academic Department Offices at 500NSF in lieu of the 3800NSF dedicated Teacher Planning Rooms recommended by the MSBA. The category also includes 10 Science Labs as proposed and an additional ESL Workroom. As the Educational Program strives for more collaboration between disciplines and project-based learning, an additional small group room is included.

### **SPECIAL EDUCATION**

The special education category is also modified from the MSBA Guidelines due to spaces that are reflective of their educational goals and responsive to programmatic needs. The category includes four self-contained special education classrooms that are reduced from the MSBA recommendation of 8. This square footage is reallocated to specific programmatic spaces including the Bridge Room, Read & Writing Lab, Speech, OT/PT and Connection (Home Ec). The category includes the suggested number and square footage of Small Group and Resource Rooms and an additional 500NSF Department Office.

### **ART & MUSIC**

The Arts Departments provides a variety of different courses from 2D Drawing and Painting, Ceramic and Sculpture, and Photography. To accommodate this, the program includes 3 Art Classrooms, a dark room and Department Office. The Performing Arts Department consists of two large rooms – Chorus and Band, as well as smaller practice and ensemble rooms and a Music Computer Lab.

### **VOCATIONS & TECHNOLOGY**

This category includes 4 rooms at 1440NSF. The provided spaces are programmed as The Help Desk/ Tech Exploration that is outfitted as a maker space and services tech support and robotics; AREA123, a space designated for Esports; computer science and additional laboratory use.

### **HEALTH AND PHYSICAL EDUCATION**

This category exceeds the MSBA recommended square footage by 9,150NSF. This is largely because the existing High School has two gyms and various fitness spaces that are integral to their PE programs and extracurriculars. The proposed Gym space includes an additional 6000NSF dedicated to their Gymnastics team. This category also includes a Wrestling Room and Fitness Center that can be flexible to accommodate different programs, such as dance to promote health and wellness. A training room, Department Office and Athletics Director's Office also contribute to the overage however are necessary to support the athletic and PE programs.

### **MEDIA CENTER**

This category is consistent with the MSBA template.

### **AUDITORIUM/DRAMA**

This category is consistent with the recommended square footage by the MSBA.

### **DINING & FOOD SERVICE**

This category exceeds the MSBA's recommended space requirement with additional freezer and dry food storage.

### **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 suggested square footage requirement by the MSBA by 900NSF. Like many other schools across the state, BHS is keenly aware of the need for spaces and programs to address behavioral health challenges and support students and their families. The overage is due in large part to the growing guidance and counseling services

that are available to all students. Additionally, an office supply closet is carried over from their existing program to support staff supply needs.

### **CUSTODIAL & MAINTENANCE**

This category is consistent with the recommended square footage by the MSBA.

### **OTHER**

This category lists four spaces that are not included on the standard MSBA template including the Cambridge Street Closet, the Cambridge Street Gallery, the School Store and New Mom's Rooms.

#### Cambridge Street Closet

The Cambridge Street Closet is a clothing donation center within the High School that creates a safe space for students to shop for clothing. The Cambridge Street Closet is invaluable as it is a space that promotes diversity, inclusion and community service.

#### School Store

The current Burlington High School has a store that sells school branded products and supplies. 350NSF has been carried over into the proposed program for this space.

#### New Mom's Room

The proposed program includes 200 NSF designated for nursing mothers.

### **NON – HIGH SCHOOL EDUCATIONAL PROGRAM**

Given the size of the existing Burlington High School building, the facility houses several non – high school related programs with services that support and collaborate with the high school educational program.

#### BECC/ Pre-Kindergarten

The Burlington Early Childhood Center (BECC) is the town's public preschool that supports the general education and special educational needs of children ages 3 to 5. The program has a fluctuating enrollment greater than 100 students. The allocated space for this program is 11,550NSF that includes 10 classrooms, various office space, and small groups rooms.

#### LABBB

The LABBB Collaborative is a service that provides specialized curriculum and programs for students ages 14 to 22 with special needs between multiple neighboring towns. Their offices are currently located in the existing high school building. The space is listed at 1,830 NSF.

#### BCAT

BCAT is Burlington's Cable Access Television with offices and production space within the existing school facility. According to the districts Educational Program, BCAT provides educational training on video production and free access equipment for community use. The program also offers an after-school video club for students and collaborates with the BHS Journalism club. 2,700 NSF is allocated for BCAT.

#### Central Admin

The existing high school building houses a central admin wing that includes the district's Superintendent Office, Special Education Office, Business, the School Committee Room and the Curriculum & Instruction Office. This space is listed at 7,750 NSF.

#### District Maintenance

The existing high school building houses the district's maintenance department with a wood and metal fabrication shop and offices. This space is listed at 3,000 NSF.

#### Science Center

The Science Center is part of the Burlington Public School System and functions as a science hub that supplies kits and resources that support the K-5 curriculum. The center also houses live animals that are loaned out to classrooms. The space is listed at 2,000 NSF.

#### BPS Technology Department

The BPS Technology Department is the district-wide Technology department that includes the IT Team and EdTech Team that support students, staff and the greater community with trouble shooting, instruction and coordination for digital learning. The space is listed at 2,500 NSF.

# 3.2

## INITIAL SPACE SUMMARY







[BURLINGTON PUBLIC SCHOOLS] [BURLINGTON HIGH SCHOOL]		EXISTING CONDITIONS		
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF ROOMS	AREA TOTALS	
<b>CORE ACADEMIC</b>				<b>62,909</b>
(List rooms of different sizes separately)				
Academic Department Office	407	5	2,035	
General Classroom (rm.123)	485	1	485	
General Classroom (rm.410)	615	1	615	
General Classroom (rm.305, 203, 412, 402, 408, 411, 400)	667	7	4,669	
General Classroom (rm.418, 154, 407)	728	3	2,184	
General Classroom (rm.152, 207, 404, 315, 202, 205, 212, 214, 403, 206, 322, 405, 204, 210)	755	14	10,570	
General Classroom (rm.314, 401, 201)	793	3	2,379	
General Classroom (rm.208, 317, 121, 406)	828	4	3,312	
General Classroom (rm.104, 100, 109, 320, 303, 150)	866	6	5,196	
General Classroom (rm.125, 300, 301)	897	3	2,691	
General Classroom (rm.304, 318, 302, 306, 308, 310)	923	6	5,538	
General Classroom (rm.113)	995	1	995	
General Classroom (rm.200, 413)	1,095	2	2,190	
Teacher Planning (See Academic Dept. Office above)	0	0	0	
Small Group Seminar (20-30 seats)	425	1	425	
Collab (rm.312)	195	1	195	
ESL Workroom	425	1	425	
Science Classroom / Lab (rm. 136 and 120)	883	2	1,766	
<b>12</b> Science Classroom / Lab (rm. 141, 147, 134, 122)	1,051	4	4,204	
Science Classroom / Lab (rm. 142, 144, 140, 148, 143, 145)	1,155	6	6,930	
Science Prep Room & Storage (rm.X79, X81, X82, X84, X91)	105	5	525	
Science Prep Room & Storage (rm.X90, X85, X83, X77)	229	4	915	
Science Prep Room & Storage (rm.X86)	480	1	480	
Science Dept. Lab, Prep and Storage (rm. X88, X78, X89)	2,850	1	2,850	
Central Chemical Storage Room	0	0	0	
Science Lecture Hall (rm.128)	1,335	1	1,335	
<b>SPECIAL EDUCATION</b>				<b>7,852</b>
(List rooms of different sizes separately)				
Self-Contained Special Education Classroom			0	
Self-Contained Special Education Toilet Room			0	
Resource Room			0	
Small Group Room (rm. 126, 130, 132)	419	3	1,257	
Bridge Room & SGR/ Office (rm. 101, 103, 107, 111)	3,110	1	3,110	
Reading & Writing Lab	440	1	440	
Speech & Language Therapy Room			0	
Home Ec./Connection (rm. 311)	1,005	1	1,005	
OT/PT	0	0	0	
Special Education Department Office			0	
<b>Collaborative Program Spaces (List rooms separately below)</b>				
LABBB Program (rm.313)	1,005	1	1,005	
LABBB Program (rm.309)	710	1	710	
LABBB Program (rm. X154)	325	1	325	
<b>ART &amp; MUSIC</b>				<b>16,360</b>
Art Classroom (25 seats) (2D Art)	1,253	2	2,506	
Art Workroom with Storage and Klin			0	
Sculpture & Ceramics and Office (rm. 414 & 416)	4,539	1	4,539	
Photography (Includes Dark Rm. & Storage)	2,285	1	2,285	
Fashion	470	1	470	
Art Department Office	630	1	630	
Art Misc. Storage	210	1	210	
Band (50-100 seats)	2,200	1	2,200	
Chorus (50-100 seats)	1,385	1	1,385	
Music Computer Lab	635	1	635	
Ensemble			0	
Music Practice	65	3	195	
Music Storage	408	2	815	
Music Department Office	490	1	490	
<b>VOCATIONS &amp; TECHNOLOGY</b>				<b>3,031</b>
(List rooms separately below)				
Technology / Engineering Rooms			0	
Robotics	560	1	560	
Alternative Ed.	270	2	540	
English Workroom (Computer Lab)	546	1	546	
MAC Lab (Graphic Design Computer Lab)	693	2	1,385	
Computer Science			0	
<b>HEALTH &amp; PHYSICAL EDUCATION</b>				<b>58,444</b>
Gymnasium	13,425	2	26,850	
PE Alternatives (Fitness Center)	4,790	1	4,790	
Gym Storeroom	304	5	1,520	
Fitness Storeroom (?)	479	1	479	
Locker Rooms - Boys and Girls with Toilets	14,375	1	14,375	
PE Storage			0	
Dance	2,465	1	2,465	
Wrestling	2,615	1	2,615	
Training Room	700	1	700	
Athletic Director's Office (with Toilet)	720	1	720	
Health Instructor's Office with Shower and Toilet	495	2	990	
PE Department Office	700	1	700	

PROPOSED PROGRAM				
ROOM NFA <sup>1</sup>	# OF ROOMS	AREA TOTALS	COMMENTS	
<b>Science Lab Guidelines</b>				
		<b>57,600</b>		
500	5	2,500		
900	40	36,000	825 NSF (minimum size) - 950 NSF (maximum size)	
		-		
		-		
		-		
		-		
		-		
		-		
		-		
		-		
		-		
0	0	-		
500	4	2,000		
500	0	-	After school magazine club. Does not need a designated space.	
500	1	500		
1,440	10	14,400	Assumed schedule: 3 x 85% utilization = 20 seats; 1 period per day per student; 1,440 NSF (minimum size); refer to the <u>Science Lab Guidelines</u> for additional information	
		-		
		-		
200	10	2,000	(1) 200 NSF Prep Room required per Science Classroom / Lab	
		-		
		-		
200	1	200	(1) 200 NSF Central Chemical Storage Room required	
		-		
		<b>11,965</b>	Special Education spaces require DESE review and approval.	
900	4	3,600	825 NSF (minimum size) - 950 NSF, equal to the size of the proposed General Classrooms that serve the same student population.	
60	4	240		
500	4	2,000	1/2 size of a General Classroom	
500	4	2,000	1/2 size of a General Classroom	
1,500	1	1,500		
400	1	400		
400	1	400		
825	1	825	With kitchen, laundry and restroom	
500	1	500		
500	1	500		
		<b>9,625</b>		
1,200	3	3,600	Assumed schedule: 25% total enrollment; 5 times per week	
150	3	450		
		-	Counted in Art Classroom	
500	1	500	Photography counted in Art Classroom. 500 for dark room.	
		-		
500	1	500	Built into classrooms.	
1,500	1	1,500	Assumed schedule: 25% total enrollment; 5 times per week	
1,200	1	1,200		
500	1	500		
150	1	150		
75	3	225		
500	1	500		
500	1	500		
		<b>5,760</b>		
<b>STE Guidelines/Policy</b>				
1,440	4	5,760	Assumed schedule: 100% total enrollment; 5 times per week; 825 NSF (minimum size) - 2,000 NSF (maximum size)	
0	0	-	Maker Space part of Tech./Eng. Rooms. Label as <u>Help Desk</u> or <u>Tech. Exploration Program</u> . Locate near Media Center. Includes storage.	
		-	Does not require dedicated space.	
		-	Part of Tech./Eng. Rooms	
0	0	-	Part of Tech./Eng. Rooms	
		<b>31,510</b>	Excess PE Spaces Policy	
18,000	1	18,000	Includes gymnastics.	
3,000	1	3,000		
300	1	300		
		-		
6,160	1	6,160	5.6 NSF per student (total enrollment)	
500	1	500	Provided in PE Alternatives.	
1,800	1	1,800		
1,000	1	1,000		
250	1	250	Office and Secretary.	
0	0	-	Provided in PE Department Office.	
500	1	500	with Toilet/ Shower.	

[BURLINGTON PUBLIC SCHOOLS] [BURLINGTON HIGH SCHOOL]		EXISTING CONDITIONS		
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF ROOMS	AREA TOTALS	
PE Office and Toilet	220	1	220	
PE Office	420	1	420	
PE Office	330	2	660	
PE Office	138	2	275	
PE Office (rm.150)	240	1	240	
PE Laundry	425	1	425	
<b>MEDIA CENTER</b>			<b>12,655</b>	
Media Center / Reading Room	4,738	2	9,475	
Library Work Room (rm.x69)	285	1	285	
Library Computer Room	540	1	540	
Library Office (rm. X244, LL1)	395	2	790	
Library Conference (rm.X253)	280	1	280	
Library Help Desk	535	1	535	
Writing Fellows & Tutor(s)	250	3	750	
<b>AUDITORIUM / DRAMA</b>			<b>11,510</b>	
Auditorium	7,179	1	7,179	
Stage	2,291	1	2,291	
Auditorium Storage	1,490	1	1,490	
Make-up / Dressing Rooms	72	5	360	
Controls / Lighting / Projection	190	1	190	
<b>DINING &amp; FOOD SERVICE</b>			<b>19,911</b>	
Cafeteria / Dining	5,663	2	11,326	
Chair / Table Storage	200	1	200	
Scramble Serving Area	1,877	1	1,877	
Kitchen	2,075	1	2,075	
Staff Lunch Room	975	1	975	
Freezer & Dry Food Storage	1,600	1	1,600	
Food Service Office	98	3	294	
Food Service Laundry and Toilets	253	1	253	
Teacher Break Room	437	3	1,311	
<b>MEDICAL</b>			<b>1,355</b>	
Medical Suite Toilet	30	2	60	
Nurses' Office / Waiting Room	480	1	480	
Interview Room and Sink	80	2	160	
Examination Room / Resting and Storage	328	2	655	
<b>ADMINISTRATION &amp; GUIDANCE</b>			<b>7,349</b>	
General Office / Waiting Room with Toilet and Kitchenette	850	1	850	
Teachers' Mail and Time Room	200	1	200	
Copy Room	0	0	0	
Records Room	0	0	0	
Principal's Office with Conference Area	350	1	350	
Principal's Secretary / Waiting	0	0	0	
Assistant Principal's Office - AP1	170	1	170	
Assistant Principal's Office - AP2	175	1	175	
Assistant Principal's Office - AP3	250	1	250	
Assistant Principal's Reception	190	1	190	
AP Conference Room	190	1	190	
Student Resource Officer	110	1	110	
Supervisory / Spare Office	0	0	0	
Conference Room	290	1	290	
Large Conference Room	1,015	1	1,015	
Guidance Office and Director	174	6	1,044	
Guidance Conference	155	1	155	
Counseling Department	745	1	745	
School Adjustment Counselor (rm. LL5, X135)	228	2	455	
Guidance Waiting Room	0	0	0	
Guidance Storeroom	0	0	0	
Curriculum and Instruction Office	810	1	810	
Career Center	0	0	0	
Records Room	140	1	140	
Teachers' Work Room	0	0	0	
Office Supply Storage	105	2	210	
<b>CUSTODIAL &amp; MAINTENANCE</b>			<b>6,835</b>	
Custodian's Office	280	1	280	
Custodian's Workshop	0	0	0	
Custodian's Storage	1,700	1	1,700	
Custodian's Small Closet	20	8	160	
Custodian's Closet	105	4	420	
Recycling Room / Trash	0	0	0	
Receiving and General Supply	440	1	440	
Storeroom	3,835	1	3,835	
Network / Telecom Room	0	0	0	
<b>PRE-KINDERGARTEN / BECC</b>			<b>11,804</b>	
Pre-Kindergarten Classroom with Toilet (if applicable)	0	0	0	
Pre-Kindergarten Classroom (rm. B12 and B8)	540	2	1,080	
Pre-Kindergarten Classroom (rm. B1, B2, B5, B7, B9, B10, B11)	656	7	4,592	
Pre-Kindergarten Classroom (rm. B4)	870	1	870	
Pre-Kindergarten Classroom (rm. 216)	1,480	1	1,480	
Pre-Kindergarten "Big Room"	780	1	780	
Pre-Kindergarten Main Office	225	1	225	
Pre-Kindergarten Office	118	4	472	
Pre-Kindergarten Nurse	160	1	160	
Pre-Kindergarten Conference	195	1	195	
Pre-Kindergarten Kitchen	610	1	610	
Pre-Kindergarten Storage	370	1	370	
Pre-Kindergarten Restrooms	485	1	485	

PROPOSED PROGRAM				
ROOM NFA <sup>1</sup>	# OF ROOMS	AREA TOTALS	COMMENTS	
<b>6,775</b>			<b>6,775</b>	
6,775	1	6,775		
<b>10,258</b>			<b>10,258</b>	
7,333	1	7,333	Excess Auditorium Spaces Policy	
1,600	1	1,600	2/3 total enrollment at 10 NSF per seat (750 seats maximum)	
525	1	525		
300	2	600		
200	1	200		
<b>10,950</b>			<b>10,950</b>	
5,500	1	5,500	Based on 3 lunch seatings - 15 NSF per seat	
425	1	425		
600	1	600		
2,400	1	2,400	1,600 NSF for first 300 students + 1 NSF per additional student	
525	1	525	20 NSF per student	
1,000	1	1,000	Includes Food Service Offices & Laundry.	
500	1	500		
<b>1,070</b>			<b>1,070</b>	
60	2	120		
250	1	250		
100	2	200		
100	5	500		
<b>5,558</b>			<b>5,558</b>	
550	1	550		
100	1	100		
200	1	200	Includes Mail Room.	
200	1	200		
375	1	375		
125	1	125		
150	1	150		
150	1	150		
150	1	150		
150	1	150		
150	1	150		
120	1	120		
450	1	450		
150	8	1,200		
			See Career Center.	
100	1	100		
100	1	100		
425	1	425		
163	1	163		
550	1	550		
300	1	300		
<b>2,450</b>			<b>2,450</b>	
150	1	150		
250	1	250		
375	1	375		
400	1	400		
425	1	425		
650	1	650		
200	1	200		
<b>11,550</b>			<b>11,550</b>	
850	10	8,500	1,100 NSF (minimum size) - 1,300 NSF (maximum size)	
250	1	250	Include toilet.	
120	5	600	Pathologist, OT/PT Therapist, Psychologist	
150	1	150		
			Included in department office square footage.	
100	1	100	Included in PK Staff Room.	



[ BURLINGTON PUBLIC SCHOOLS ] [ BURLINGTON HIGH SCHOOL ]		EXISTING CONDITIONS	
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF ROOMS	AREA TOTALS

PROPOSED PROGRAM		
ROOM NFA <sup>1</sup>	# OF ROOMS	AREA TOTALS

<sup>3</sup> 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.

# 3.3

## EXISTING CONDITIONS FLOOR PLAN





EXISTING CONDITIONS PLAN - MAIN FLOOR



