

# COLLEGIATE SCHOOL

SEPTEMBER 23, 2011

## PROGRAM REPORT INTRODUCTION

Collegiate School is defined by academic rigor and hard work, as well as by multiple intangibles such as camaraderie, strong ties between students and teachers, a blend of collaboration and individualism, intense inquisitiveness, and a sense of resourcefulness. These qualities have been nurtured in the boys within a building that is far from ideal. As Collegiate School faces the task of designing and building a future home, it is critical that the new building serve the specific needs of the curriculum and allow these intangibles to grow and thrive.

The architectural programming process is the first step towards finding this balanced solution. The process included:

- 1) Evaluation of existing conditions to understand how the school currently functions. All existing spaces were quantified and categorized to serve as a comparison to future program.
- 2) Identification of what works and what doesn't. Quantitative and qualitative information was gathered through a series of interviews, meetings, and class observations with faculty, staff and administration as well as surveys that faculty, parents and alumni were invited to participate in.
- 3) Examination of the relationships and adjacencies of the Divisions and Departments that comprise the Collegiate School community. This was performed through a series of workshops during which faculty collaborated to find possible approaches to organizing the program in a vertical campus.

4) Identification of the space shortages and scheduling problems that currently exist by performing a space utilization study.

5) Examination of similar school facilities in order to ascertain if differences occur and to understand if these differences are due to differences in school philosophies or for other reasons.

5) Identification of the spaces that should go in the future building, broken into three hierarchies: Basic Program (what the school must-have moving forward), Intermediate Program (the highest priority of additional spaces if possible) and Ideal Program.

6) Test Fit...

7) Phasing....

This preliminary program report documents the process and resulting analysis based on working with Faculty, Staff and Administration. The voices of other stakeholders including Students, Parents and Alumni, will be incorporated over the upcoming months.

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## PROGRAM REPORT



**SECTION A - EXISTING PROGRAM ANALYSIS**

**EXISTING PROGRAM ANALYSIS**

An inventory of the existing facilities shows how spaces are distributed within the school; what spaces are used by Divisions, Departments, Administration, and Staff; and the efficiency of the building facilities. The information is organized by building: West End Plaza and Infill Building combined, Platten Hall, and 77th Street Church Building.

The following methodology was used:

- 1) Measure gross square feet (gsf) of the existing facilities by building. Identify as total area owned/leased as well as by total area occupied by Collegiate School.
- 2) Measure net square feet (nsf) of program space currently in use, categorized by the Division, Department, Administration or Staff that are the primary users.
- 3) Determine net square feet (nsf) of walls, circulation (including hallways, elevators, and stairs), mechanical rooms, and bathrooms which are all areas not defined as program space.
- 4) Calculate the efficiency of the buildings, which is the percentage derived by nsf / gsf. Alternatively, calculate the grossing factor which is the factor derived by gsf / nsf.
- 5) Compare the efficiency or grossing factor of the existing facilities using an industry standard for schools of 60.7% efficiency or a grossing factor of 1.65. The higher the grossing factor equates to a less efficient building.

**SUMMARY OF KEY FINDINGS**

West End Plaza (WEP) with Infill Building are inefficient with a 55.5% efficiency or 1.80 grossing factor. Platten Hall is inefficient with a 56.8% efficiency or 1.76 grossing factor. Space is wasted in excess circulation at the expense of program space. Note that if the buildings had air conditioning, adequate mechanical space, and corridors and stairs to code in WEP, efficiencies would be far worse.

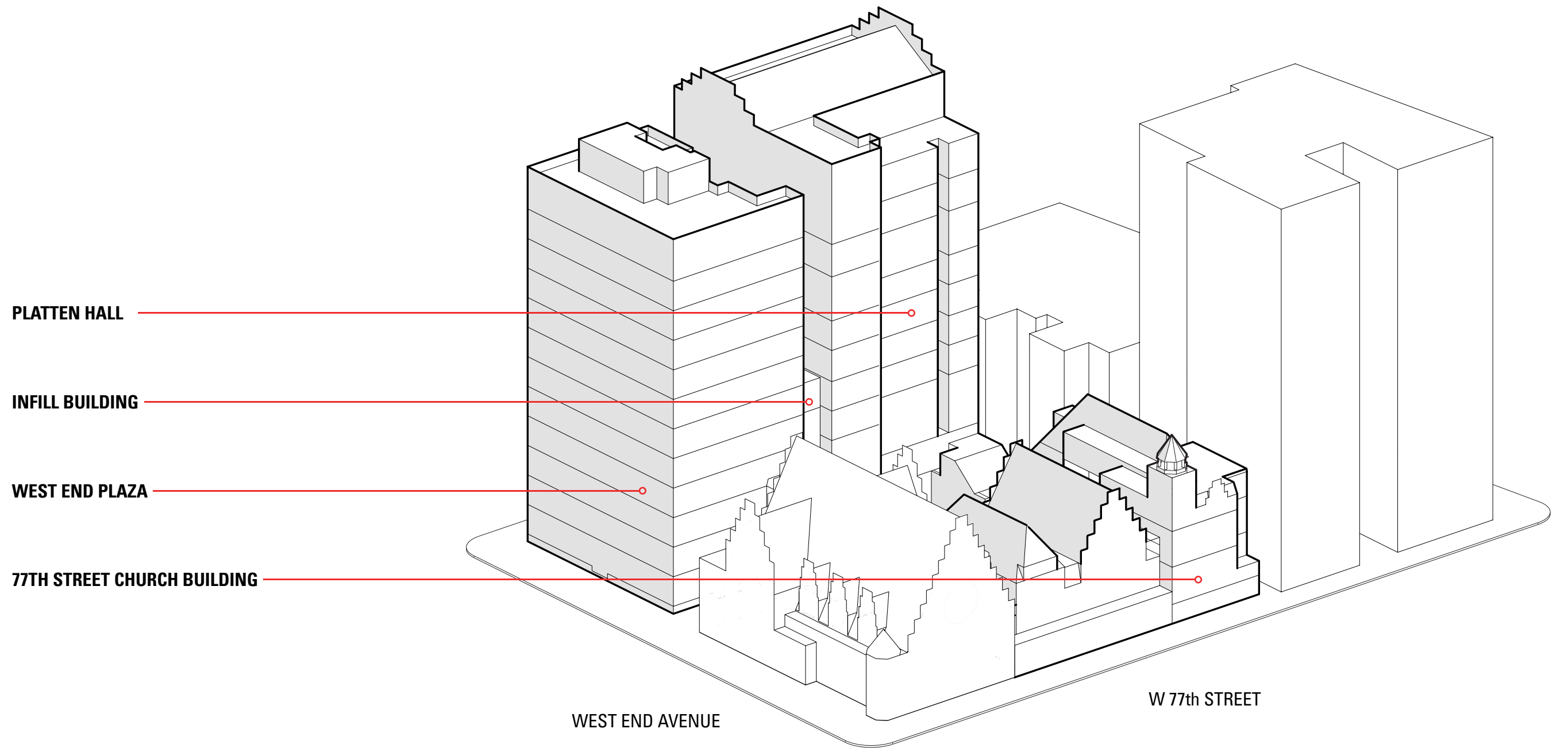
The 77th Street Church Building is efficient with a 63.7% efficiency or 1.57 grossing factor, but this is primarily due to the cramped quarters, narrow hallways, single means of egress and no elevator, all of which are not compliant with the current code requirements and ADA guidelines for education buildings.

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	GROSS AREA		NET AREA		GROSSING FACTOR	WALL/SHAFT AREA		CIRCULATION AREA		MECHANICAL AREA		W.C. AREA	
	G.S.F.		N.S.F.	% OF GROSS		S.F.	% OF GROSS	S.F.	% OF GROSS	S.F.	% OF GROSS	S.F.	% OF GROSS
West End Plaza & Infill Building	41,639		23,105	55.5%	1.80	8,866	21.3%	6,689	16.1%	2,021	4.9%	958	2.3%
Platten Hall	75,094		42,646	56.8%	1.76	13,530	18.0%	14,181	18.9%	3,536	4.7%	1,201	1.6%
77th Street Church Building	19,835		12,675	63.9%	1.57	3,521	17.8%	2,743	13.8%	617	3.1%	279	1.4%
<b>Total Collegiate Campus</b>	<b>136,568</b>		<b>78,436</b>	<b>57.4%</b>	<b>1.74</b>	<b>26,907</b>	<b>19.7%</b>	<b>22,613</b>	<b>16.6%</b>	<b>6,174</b>	<b>4.5%</b>	<b>2,438</b>	<b>1.8%</b>

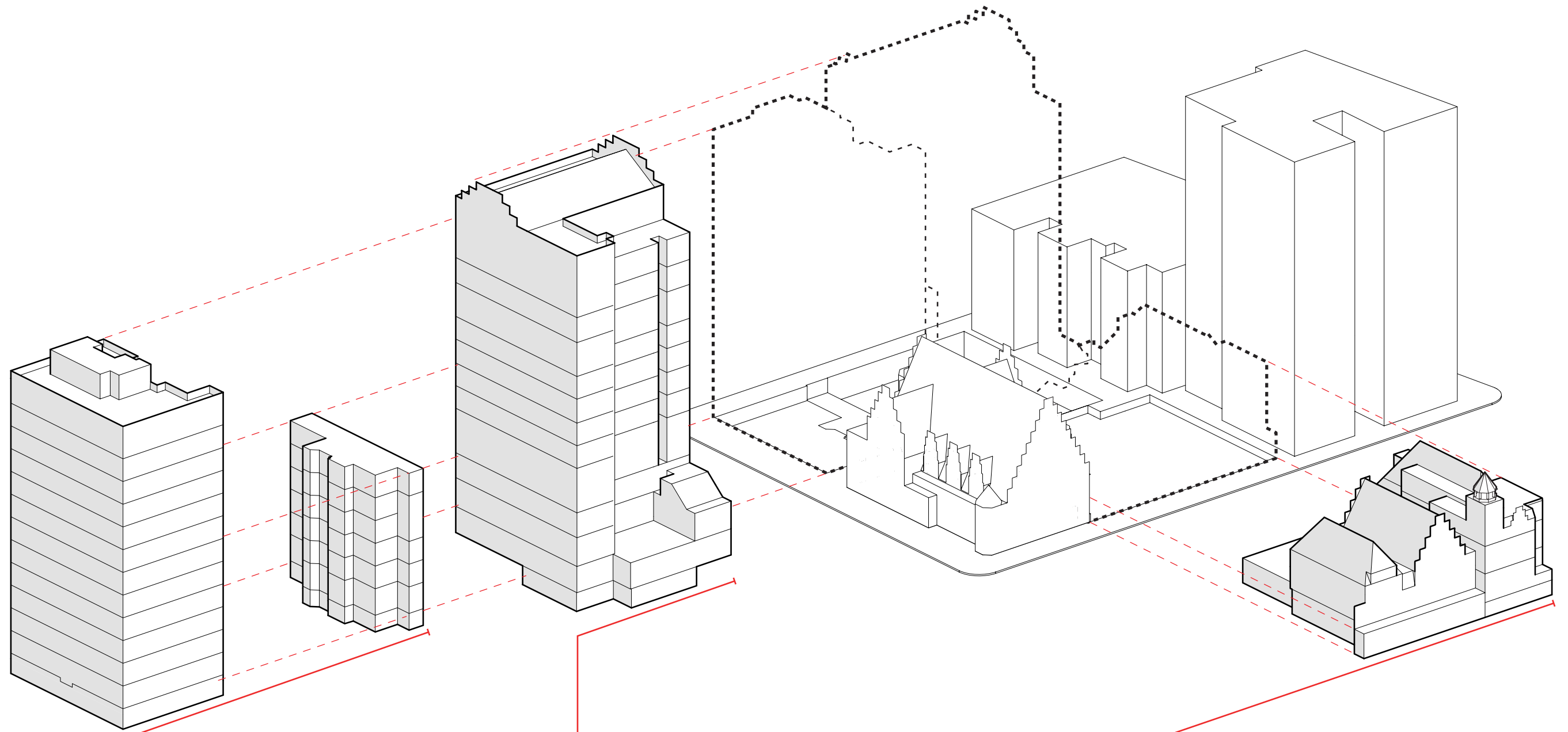
**1.65** Industry Standard School  
Grossing Factor

**GROSSING FACTOR:** A multiplication factor applied to Net Area that derives Gross Area (Net Area x Grossing Factor = Gross Area)  
\*The higher the grossing factor, the more inefficient the building.



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**WEST END PLAZA & INFILL BUILDING:**  
 Combined 12 Story and 6 Story Buildings  
 Building(s) Gross Area: 68,468 GSF  
 Gross Area Occupied by Collegiate: **41,639 GSF**

**PLATTEN HALL**  
 10 Story Building  
 Building Gross Area: 75,094 GSF  
 Gross Area Occupied by Collegiate: **75,094 GSF**

**77th STREET CHURCH BUILDING**  
 Combined 4 Story and 3 Story Buildings  
 Building(s) Gross Area: 27,120 GSF  
 Gross Area Occupied by Collegiate: **19,835 GSF**

**TOTAL** Building(s) Gross Area: 170,682 GSF  
**TOTAL** Gross Area Occupied by Collegiate: **136,568 GSF**



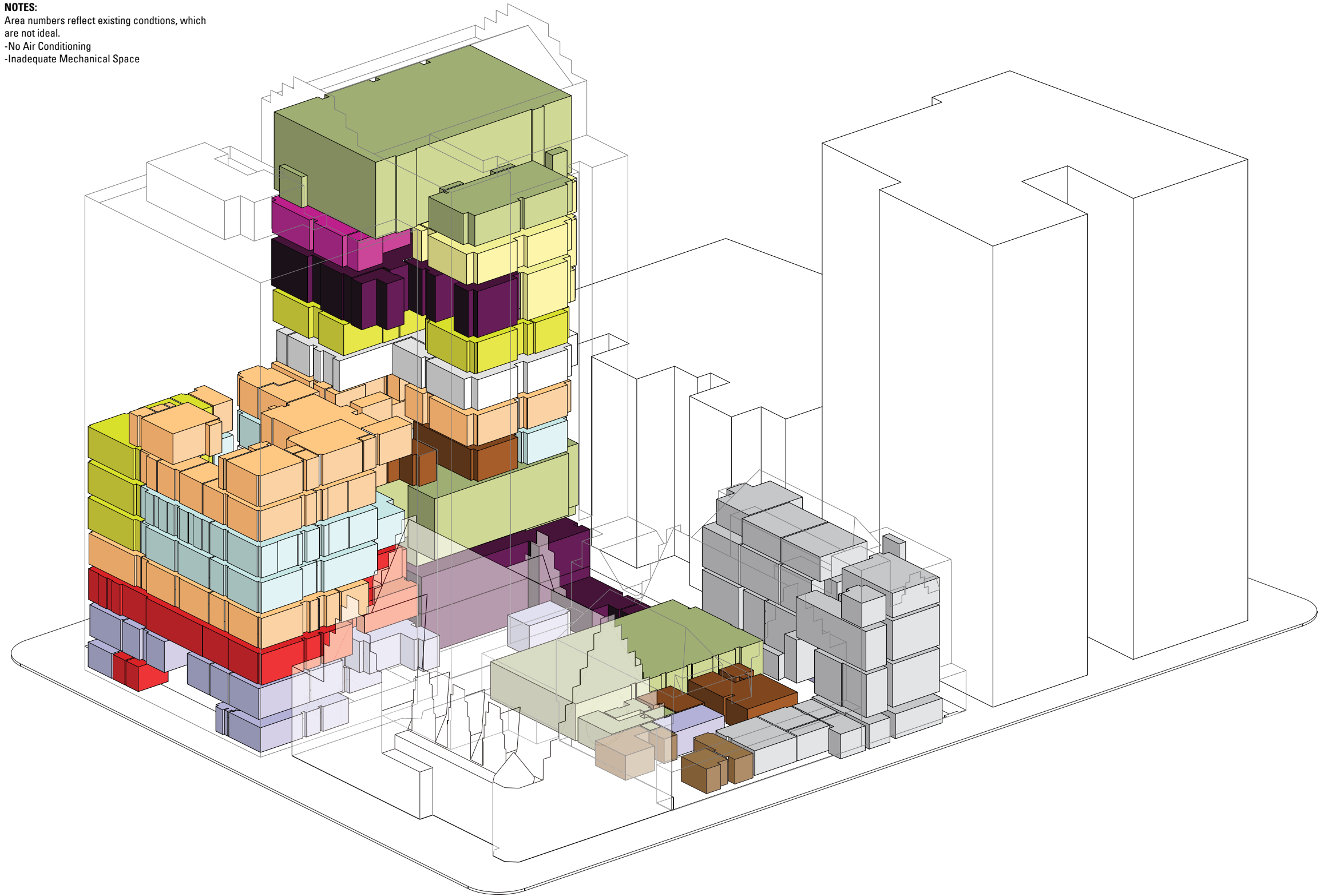
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- COLOR KEY**
- circulation (gross)
  - mechanical (gross)
  - w.c. (gross)
  - lower school
  - middle school
  - upper school
  - science
  - art
  - music
  - theater arts
  - library
  - technology
  - athletics
  - dining/food services
  - administration
  - service

**NOTES:**  
 Area numbers reflect existing conditions, which are not ideal.  
 -No Air Conditioning  
 -Inadequate Mechanical Space



**WEST END PLAZA & INFILL BUILDING:** 23,105 NSF  
 Ratio: 55.5% of Gross  
 Grossing Factor: 1.80

**PLATTEN HALL:** 42,656 NSF  
 Ratio: 56.8% of Gross  
 Grossing Factor: 1.78

**77TH STREET CHURCH BUILDING:** 12,675 NSF  
 Ratio: 63.9% of Gross  
 Grossing Factor: 1.57

**TOTAL:** 78,436 NSF

**TOTAL Collegiate Net Area: 78,436 NSF**  
**RATIO: 57.4% of Gross**  
 Grossing Factor: 1.74



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BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
West End Plaza, Infill	C1	Circulation	Corridor 1		1,015
West End Plaza, Infill	C1	Circulation	Corridor 3		43
West End Plaza, Infill	C1	Circulation	Freight Elevator 2		72
West End Plaza, Infill	C1	Circulation	Stair 1		45
West End Plaza, Infill	1	Circulation	Corridor 2		78
West End Plaza, Infill	1	Circulation	Corridor 3		102
West End Plaza, Infill	1	Circulation	Elevator 3		35
West End Plaza, Infill	1	Circulation	Freight Elevator 2		72
West End Plaza, Infill	1	Circulation	Stair 1		155
West End Plaza, Infill	1	Circulation	Vestibule and Stair		118
West End Plaza, Infill	2	Circulation	Elevator 3		35
West End Plaza, Infill	2	Circulation	Freight Elevator 2		72
West End Plaza, Infill	2	Circulation	Stair 1		130
West End Plaza, Infill	2	Circulation	Stair 2A, Corridor 1		288
West End Plaza, Infill	3	Circulation	Corridor 1		753
West End Plaza, Infill	3	Circulation	Elevator 3		35
West End Plaza, Infill	3	Circulation	Freight Elevator 2		69
West End Plaza, Infill	3	Circulation	Stair 1		139
West End Plaza, Infill	4	Circulation	Corridor 1		566
West End Plaza, Infill	4	Circulation	Corridor 2		234
West End Plaza, Infill	4	Circulation	Corridor 3		120
West End Plaza, Infill	4	Circulation	Elevator 3		35
West End Plaza, Infill	4	Circulation	Stair 1		147
West End Plaza, Infill	5	Circulation	Corridor 1		566
West End Plaza, Infill	5	Circulation	Corridor 3		174
West End Plaza, Infill	5	Circulation	Corridor 4		153
West End Plaza, Infill	5	Circulation	Elevator 3		35
West End Plaza, Infill	5	Circulation	Stair 1	149	149
West End Plaza, Infill	6	Circulation	Corridor 1		697
West End Plaza, Infill	6	Circulation	Corridor 3		171
West End Plaza, Infill	6	Circulation	Elevator 3		35
West End Plaza, Infill	6	Circulation	Stair 1		146

**WEST END PLAZA & INFILL BUILDING:**

**6,689 SF**

Platten Hall	C2	Circulation	Stair 3		143
Platten Hall	C1	Circulation	Auditorium Stair		81
Platten Hall	C1	Circulation	Corridor 2		259
Platten Hall	C1	Circulation	Elevators 1,2		150
Platten Hall	C1	Circulation	Stair 3		287
Platten Hall	C1	Circulation	Stair 5		130
Platten Hall	1	Circulation	Elevators 1,2		150
Platten Hall	1	Circulation	Stair 3		273
Platten Hall	1	Circulation	Stair 4		69
Platten Hall	1	Circulation	Stair 5		97
Platten Hall	1	Circulation	Vestibule 1		131
Platten Hall	1	Circulation	Vestibule 4		114
Platten Hall	1	Circulation	Vestibule 5		34
Platten Hall	2	Circulation	Corridor 2		383
Platten Hall	2	Circulation	Corridor 3		144
Platten Hall	2	Circulation	Elevators 1,2		150
Platten Hall	2	Circulation	Stair 3		297
Platten Hall	2	Circulation	Stair 4		382
Platten Hall	3	Circulation	Elevators 1,2		152
Platten Hall	3	Circulation	Stair 3		305
Platten Hall	3	Circulation	Stair 4		225
Platten Hall	4	Circulation	Elevators 1,2		151
Platten Hall	4	Circulation	Stair 3		284
Platten Hall	4	Circulation	Stair 4		226
Platten Hall	5	Circulation	Corridor 2		929
Platten Hall	5	Circulation	Elevators 1,2		152
Platten Hall	5	Circulation	Stair 3		299
Platten Hall	5	Circulation	Stair 4		226
Platten Hall	6	Circulation	Corridor 2		929
Platten Hall	6	Circulation	Elevator 1,2		152
Platten Hall	6	Circulation	Stair 3		299
Platten Hall	6	Circulation	Stair 4		227
Platten Hall	7	Circulation	Corridor 3		297
Platten Hall	7	Circulation	Elevator 1,2		151
Platten Hall	7	Circulation	Stair 3		290
Platten Hall	7	Circulation	Stair 4		229
Platten Hall	8	Circulation	Corridor 2		782
Platten Hall	8	Circulation	Elevators 1,2		152
Platten Hall	8	Circulation	Stair 3		304
Platten Hall	8	Circulation	Stair 4		227
Platten Hall	9	Circulation	Elevators 1,2		152
Platten Hall	9	Circulation	Stair 3		299
Platten Hall	9	Circulation	Stair 4		227
Platten Hall	10	Circulation	Corridor 2		632
Platten Hall	10	Circulation	Elevators 1,2		151
Platten Hall	10	Circulation	Stair 3		287
Platten Hall	10	Circulation	Stair 4		227
Platten Hall	11	Circulation	Corridor 2		196
Platten Hall	11	Circulation	Corridor 3		70
Platten Hall	11	Circulation	Elevators 1,2		144
Platten Hall	11	Circulation	Stair 3		299
Platten Hall	11	Circulation	Stair 4		235

**PLATTEN HALL:**

**14,181 SF**

77th Street Church Building	1	Circulation	Corridor 4		963
77th Street Church Building	1	Circulation	Stair 6		82
77th Street Church Building	1	Circulation	Vestibule 6		130
77th Street Church Building	1	Circulation	Vestibule 7		39
77th Street Church Building	2	Circulation	Corridor 4		163
77th Street Church Building	2	Circulation	Corridor 5		162
77th Street Church Building	2	Circulation	Stair 6		190
77th Street Church Building	3	Circulation	Corridor 4		147
77th Street Church Building	3	Circulation	Corridor 5		152
77th Street Church Building	3	Circulation	Stair 6		198
77th Street Church Building	4	Circulation	Corridor 3		366
77th Street Church Building	4	Circulation	Stair 6		151

**77TH STREET CHURCH BUILDING:**

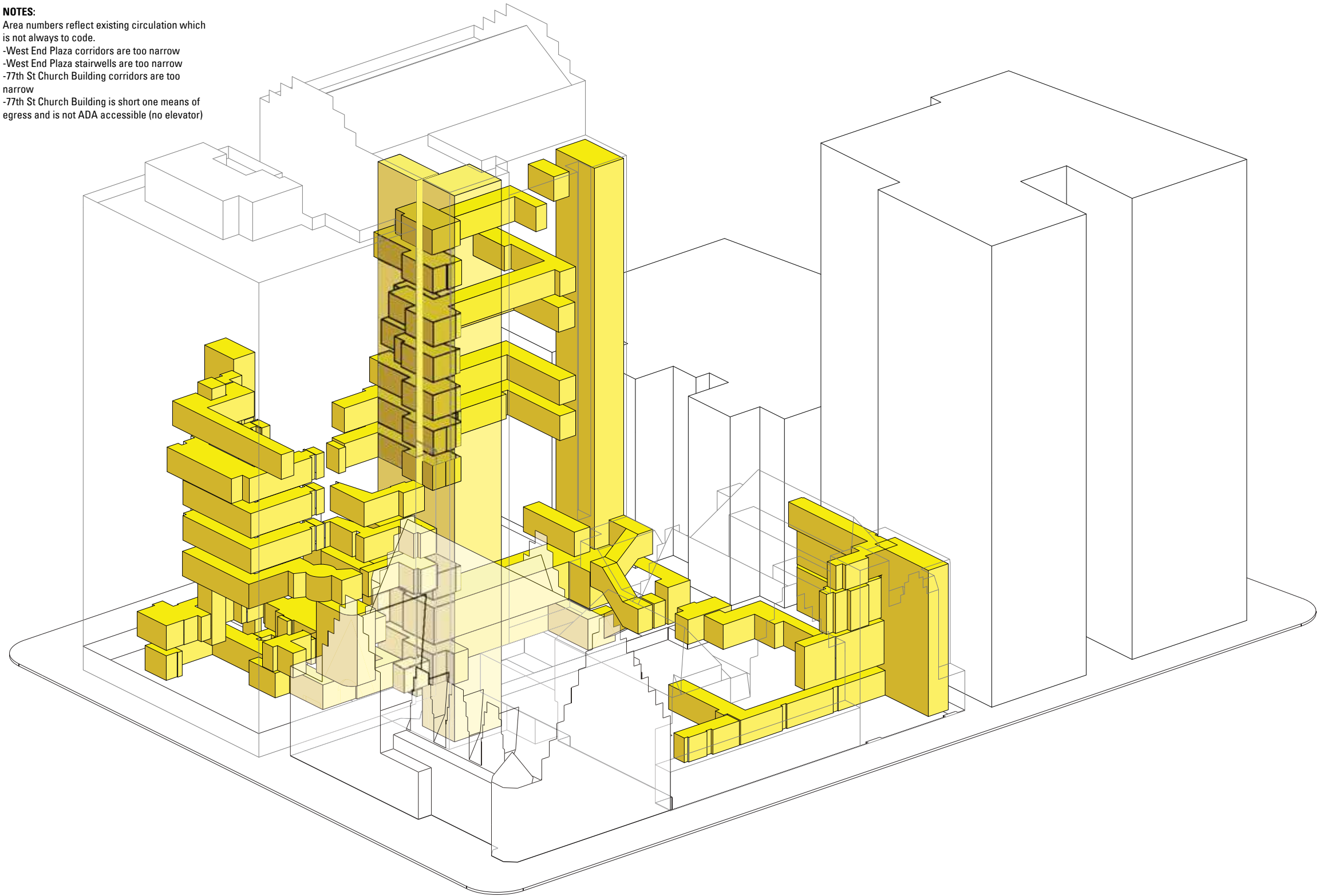
**2,743 SF**

**TOTAL:**

**22,613 SF**

\*See Page 22 for complete index of Collegiate spaces

**NOTES:**  
 Area numbers reflect existing circulation which is not always to code.  
 -West End Plaza corridors are too narrow  
 -West End Plaza stairwells are too narrow  
 -77th St Church Building corridors are too narrow  
 -77th St Church Building is short one means of egress and is not ADA accessible (no elevator)



**TOTAL Collegiate Circulation Area: 22,613 SF**  
**RATIO: 16.6% of Gross**



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BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
West End Plaza, Infill	C1	Mechanical	Electrical Room 1	166	
West End Plaza, Infill	C1	Mechanical	Electrical Switch Room	256	
West End Plaza, Infill	C1	Mechanical	Elevator Machine Room 1	284	
West End Plaza, Infill	C1	Mechanical	Elevator Machine Room 2	55	
West End Plaza, Infill	C1	Mechanical	Mechanical Room 1	275	
West End Plaza, Infill	C1	Mechanical	Mechanical Room 2	50	
West End Plaza, Infill	C1	Mechanical	Water Pump	52	
West End Plaza, Infill	C1	Mechanical	Water Room	199	
West End Plaza, Infill	1	Mechanical	Mechanical Room 1	124	
West End Plaza, Infill	2	Mechanical	Telephone Closet	34	
West End Plaza, Infill	3	Mechanical	Electrical Closet	8	
West End Plaza, Infill	3	Mechanical	Mechanical Room	133	
West End Plaza, Infill	4	Mechanical	Electrical Closet	8	
West End Plaza, Infill	4	Mechanical	Mechanical Room 1	100	
West End Plaza, Infill	4	Mechanical	Telephone Closet	21	
West End Plaza, Infill	5	Mechanical	Electrical Closet	5	
West End Plaza, Infill	5	Mechanical	Mechanical Room 1	104	
West End Plaza, Infill	5	Mechanical	Telephone Closet	21	
West End Plaza, Infill	6	Mechanical	Electrical Closet	10	
West End Plaza, Infill	6	Mechanical	Mechanical Room 1	95	
West End Plaza, Infill	6	Mechanical	Telephone Closet	21	

**WEST END PLAZA & INFILL BUILDING: 2,021 SF**

Platten Hall	C2	Mechanical	Boiler Room	943	
Platten Hall	C2	Mechanical	Elevator Pit	153	
Platten Hall	C2	Mechanical	Mechanical Room	726	
Platten Hall	C2	Mechanical	Oil Tank Storage	556	
Platten Hall	C1	Mechanical	Electrical Room 2	101	
Platten Hall	C1	Mechanical	Meter Room	82	
Platten Hall	1	Mechanical	Mechanical Room 2	57	
Platten Hall	2	Mechanical	Mechanical Room	918	

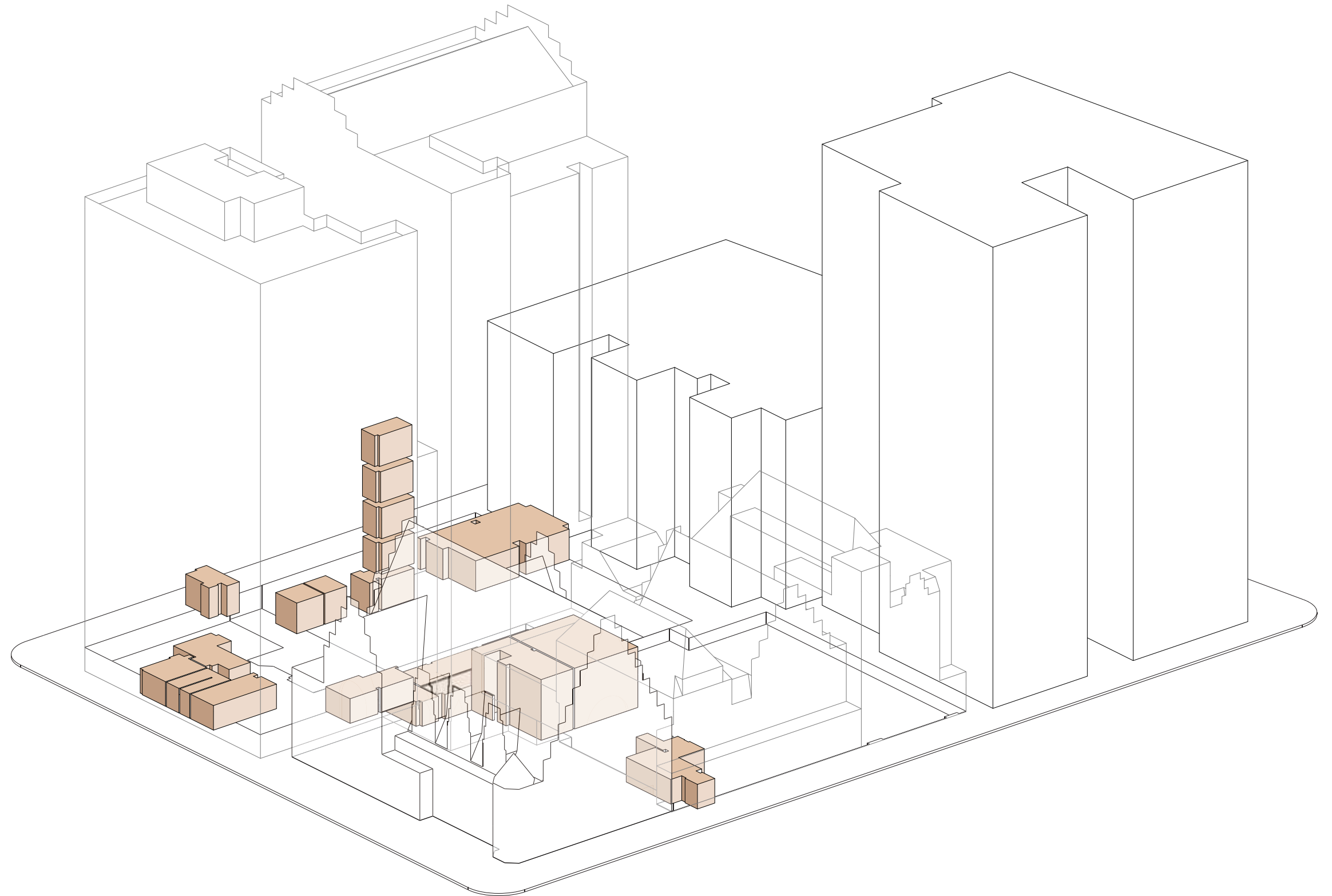
**PLATTEN HALL: 3,536 SF**

77th Street Church Building	1	Mechanical	Electrical Closet	57	
77th Street Church Building	1	Mechanical	Mechanical Room 3	560	

**77TH STREET CHURCH BUILDING: 617 SF**

**TOTAL: 6,174 SF**

\*See Page 22 for complete index of Collegiate spaces



**TOTAL Collegiate Mechanical Area: 6,174 SF**  
**RATIO: 4.5% of Gross**



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# MECHANICAL AREA

\*mechanical defined as all mechanical rooms, does not include shafts



BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
West End Plaza, Infill	1	W.C.	Men's Toilet		40
West End Plaza, Infill	1	W.C.	Private Toilet		81
West End Plaza, Infill	1	W.C.	Women's Toilet		73
West End Plaza, Infill	2	W.C.	Staff Toilet - Kitchen Food Service		37
West End Plaza, Infill	3	W.C.	Men's Toilet		153
West End Plaza, Infill	3	W.C.	Staff Toilet		51
West End Plaza, Infill	4	W.C.	Men's Toilet		132
West End Plaza, Infill	4	W.C.	Staff Toilet		40
West End Plaza, Infill	5	W.C.	Men's Toilet		131
West End Plaza, Infill	5	W.C.	Staff Toilet		40
West End Plaza, Infill	6	W.C.	Men's Toilet		140
West End Plaza, Infill	6	W.C.	Staff Toilet		40

**WEST END PLAZA & INFILL BUILDING: 958 SF**

Platten Hall	C1	W.C.	Men's Restroom		82
Platten Hall	C1	W.C.	Women's Restroom		129
Platten Hall	2	W.C.	Staff Toilet - Athletics		28
Platten Hall	2	W.C.	Toilet 1 - Athletics Locker Room		43
Platten Hall	2	W.C.	Toilet 2 - Athletics Locker Room		100
Platten Hall	2	W.C.	Toilet 3 - Athletics Locker Room		66
Platten Hall	5	W.C.	Men's Toilet 2		125
Platten Hall	6	W.C.	Staff Toilet	604A	31
Platten Hall	6	W.C.	Student Toilet	607A	24
Platten Hall	6	W.C.	Student Toilet	602A	23
Platten Hall	6	W.C.	Toilet		58
Platten Hall	7	W.C.	Men's Toilet		89
Platten Hall	7	W.C.	Women's Toilet		20
Platten Hall	8	W.C.	Men's Toilet		103
Platten Hall	8	W.C.	Women's Toilet		44
Platten Hall	9	W.C.	Men's Toilet		138
Platten Hall	9	W.C.	Women's Toilet		50
Platten Hall	10	W.C.	Toilet		48

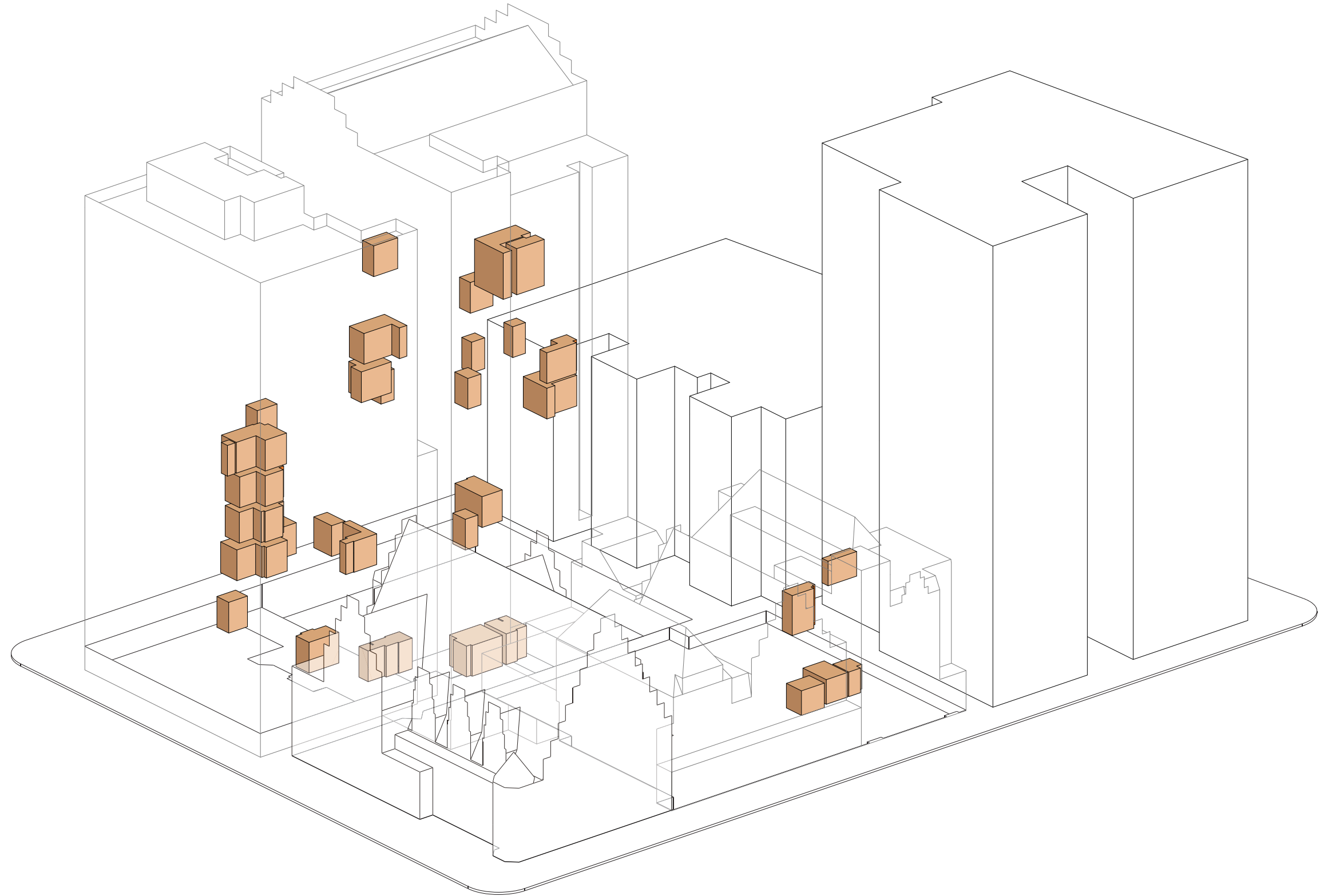
**PLATTEN HALL: 1,201 SF**

77th Street Church Building	1	W.C.	Men's Toilet		135
77th Street Church Building	1	W.C.	Women's Toilet		62
77th Street Church Building	3	W.C.	Men's Toilet		48
77th Street Church Building	4	W.C.	Men's Toilet		34

**77TH STREET CHURCH BUILDING: 279 SF**

**TOTAL: 2,438 SF**

\*See Page 22 for complete index of Collegiate spaces



**TOTAL Collegiate W.C. Area: 2,438 SF**  
**RATIO: 1.8% of Gross**



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1- BUILDINGS SUMMARY

A6














**W.C. AREA**



### GROSS AREA PER STUDENT














	GROSS AREA	# OF STUDENTS	GSF PER STUDENT
COLLEGIATE CAMPUS	136,568 GSF	643	212.4 GSF

### NET AREA PER STUDENT

	NET AREA	# OF STUDENTS	NSF PER STUDENT
 LOWER SCHOOL	8,290 NSF	225	36.8 NSF
 MIDDLE SCHOOL	7,661 NSF	192	39.9 NSF
 UPPER SCHOOL	7,607 NSF	226	33.7 NSF
 SCIENCE	6,003 NSF	643	9.3 NSF
 ART	2,951 NSF	643	4.6 NSF
 MUSIC	2,799 NSF	643	4.4 NSF
 THEATER ARTS	6,222 NSF	643	9.7 NSF
 LIBRARY	4,354 NSF	643	6.8 NSF
 TECHNOLOGY	1,452 NSF	643	2.3 NSF
 ATHLETICS	15,553 NSF	643	24.2 NSF
 DINING/FOOD SERVICES	5,758 NSF	643	9.0 NSF
 ADMINISTRATION	7,835 NSF	N/A	N/A
 SERVICE	4,389 NSF	N/A	N/A
COLLEGIATE CAMPUS	78,436 NSF	643	122.0 NSF

### NET AREA BY PROGRAM - SUMMARY

	NET AREA	% OF NET
WEST END PLAZA AND INFILL	23,105 NSF	29.5%
PLATTEN HALL	42,656 NSF	54.4%
77TH STREET CHURCH BUILDING	12,675 NSF	16.1%
COLLEGIATE CAMPUS	78,436 NSF	100.0%

	NET AREA	% OF NET
 LOWER SCHOOL	8,290 NSF	10.6%
 MIDDLE SCHOOL	7,661 NSF	9.8%
 UPPER SCHOOL	7,607 NSF	9.7%
 SCIENCE	6,003 NSF	7.7%
 ART	2,951 NSF	3.8%
 MUSIC	2,799 NSF	3.6%
 THEATER ARTS	6,222 NSF	7.9%
 LIBRARY	4,354 NSF	5.6%
 TECHNOLOGY	1,452 NSF	1.9%
 ATHLETICS	15,553 NSF	19.8%
 DINING/FOOD SERVICES	5,758 NSF	7.3%
 ADMINISTRATION	7,835 NSF	10.0%
 SERVICE	1,951 NSF	2.5%
COLLEGIATE CAMPUS	78,436 NSF	100.0%



BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
West End Plaza, Infill	3	Lower School	Kindergarten Activity Room	314	505
West End Plaza, Infill	3	Lower School	Classroom, Kindergarten	315	681
West End Plaza, Infill	3	Lower School	Classroom, Kindergarten	318	660
West End Plaza, Infill	3	Lower School	Curriculum Coordinator	312	144
West End Plaza, Infill	3	Lower School	Kindergarten Office	316	128
West End Plaza, Infill	3	Lower School	Storage 1		45
West End Plaza, Infill	3	Lower School	Storage 2		66
West End Plaza, Infill	6	Lower School	After School Program Office	616	90
West End Plaza, Infill	6	Lower School	Classroom, 4th Grade	613	559
West End Plaza, Infill	6	Lower School	Classroom, 4th Grade	612	501
West End Plaza, Infill	6	Lower School	Lower School Center		550
West End Plaza, Infill	6	Lower School	Lower School Faculty Workroom		110
West End Plaza, Infill	6	Lower School	Lower School Head Office		155
West End Plaza, Infill	6	Lower School	Lower School Office		145
West End Plaza, Infill	6	Lower School	Psychologist Office	634	97
West End Plaza, Infill	6	Lower School	Reading Room 1	614	123
West End Plaza, Infill	6	Lower School	Reading Room 2	624	113
West End Plaza, Infill	6	Lower School	Storage 1		21

**WEST END PLAZA & INFILL BUILDING: 4,693 NSF**

Platten Hall	6	Lower School	Classroom, 1st Grade	606	558
Platten Hall	6	Lower School	Classroom, 1st Grade	604	565
Platten Hall	6	Lower School	Classroom, 2nd Grade	607	556
Platten Hall	6	Lower School	Classroom, 2nd Grade	605	512
Platten Hall	6	Lower School	Classroom, 3rd Grade	603	512
Platten Hall	6	Lower School	Classroom, 3rd Grade	602	551
Platten Hall	6	Lower School	Copy Room		54
Platten Hall	6	Lower School	Faculty Office	608	64
Platten Hall	6	Lower School	Office	601A	56
Platten Hall	6	Lower School	Reading Room	601	105
Platten Hall	6	Lower School	Storage 2		9
Platten Hall	6	Lower School	Storage 3		31
Platten Hall	6	Lower School	Storage 4		12
Platten Hall	6	Lower School	Storage 5		12

**PLATTEN HALL: 3,597 NSF**

**77TH STREET CHURCH BUILDING: 0 NSF**

**TOTAL: 8,290 NSF**

\*See Page A22 for complete index of Collegiate spaces



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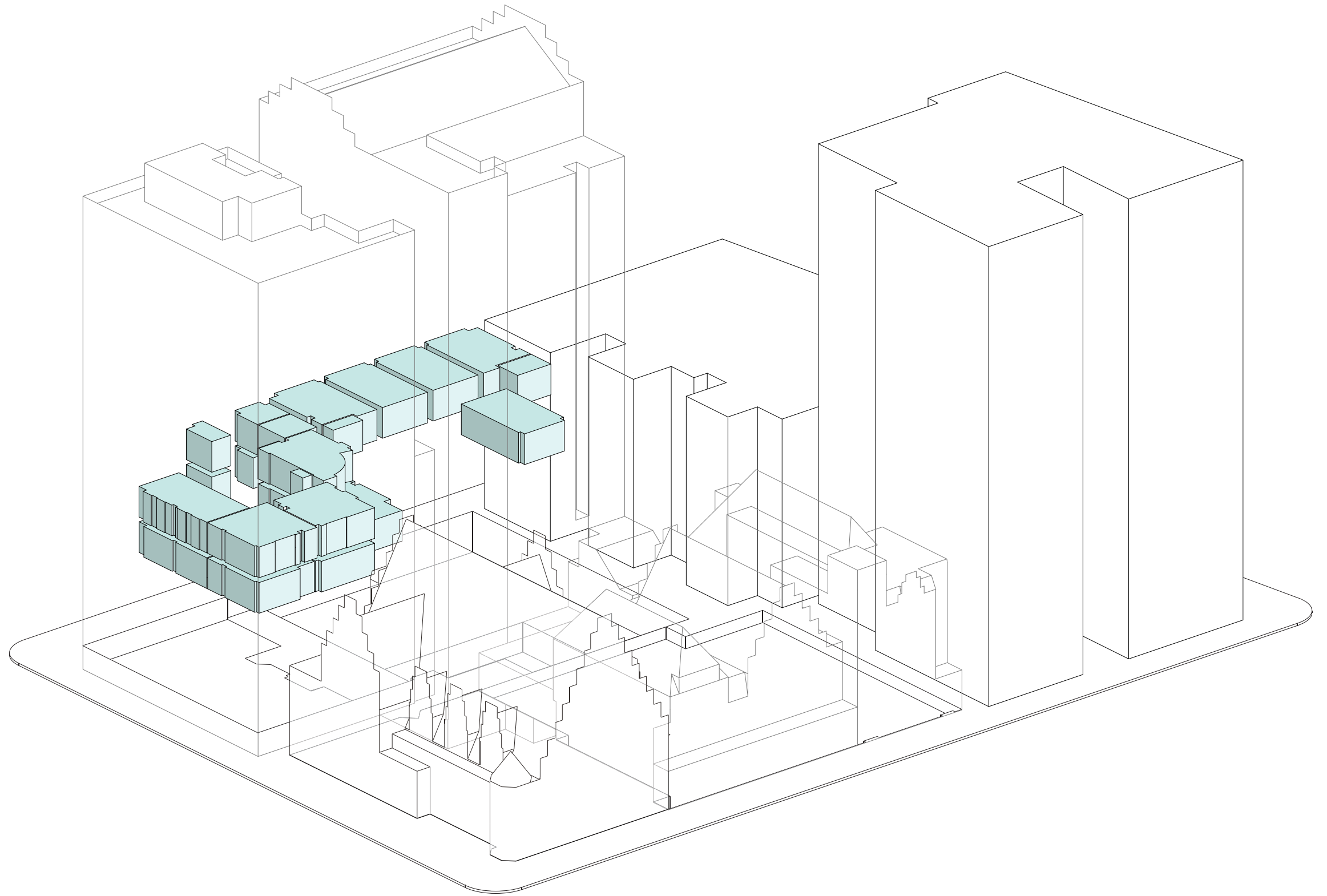
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**TOTAL Collegiate Lower School Area: 8,290 NSF**  
**RATIO: 10.6% of Net**

2- PROGRAM SPECIFICS

**LOWER SCHOOL AREA**





BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
West End Plaza, Infill	4	Middle School	5th/6th Grade Deans Office	416	92
West End Plaza, Infill	4	Middle School	7th/8th Grade Deans Office		76
West End Plaza, Infill	4	Middle School	Classroom, 7th Grade	414	535
West End Plaza, Infill	4	Middle School	Classroom, 7th Grade	413	524
West End Plaza, Infill	4	Middle School	Classroom, 7th Grade	412	490
West End Plaza, Infill	4	Middle School	Classroom, 7th Grade		6
West End Plaza, Infill	4	Middle School	Classroom, 7th Grade		20
West End Plaza, Infill	4	Middle School	Middle School Center		773
West End Plaza, Infill	4	Middle School	Middle School Work Room		122
West End Plaza, Infill	5	Middle School	Classroom, 8th Grade	514	540
West End Plaza, Infill	5	Middle School	Classroom, 8th Grade	513	533
West End Plaza, Infill	5	Middle School	Classroom, 8th Grade	512	504
West End Plaza, Infill	5	Middle School	Classroom, 8th Grade	511	504
West End Plaza, Infill	5	Middle School	Faculty Office - Psychologist	516	93
West End Plaza, Infill	5	Middle School	Middle School Center Upper		351
West End Plaza, Infill	5	Middle School	Middle School Head		147
West End Plaza, Infill	5	Middle School	Middle School Office		152
West End Plaza, Infill	5	Middle School	Storage 1		20

**WEST END PLAZA & INFILL BUILDING: 4,978 NSF**

Platten Hall	5	Middle School	Classroom, 5th Grade	507	522
Platten Hall	5	Middle School	Classroom, 5th Grade	505	489
Platten Hall	5	Middle School	Classroom, 6th Grade	503	489
Platten Hall	5	Middle School	Classroom, 6th Grade	504	492
Platten Hall	5	Middle School	Classroom	502	519
Platten Hall	5	Middle School	Learning Specialist	501	118
Platten Hall	5	Middle School	Storage 2 - Copy Room		54

**PLATTEN HALL: 2,683 NSF**

**77TH STREET CHURCH BUILDING: 0 NSF**

**TOTAL: 7,661 NSF**

**TOTAL Collegiate Middle School Area: 7,661 NSF  
RATIO: 9.8% of Net**

\*See Page A22 for complete index of Collegiate spaces



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2- PROGRAM SPECIFICS

A9

**MIDDLE SCHOOL AREA**

BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
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**WEST END PLAZA & INFILL BUILDING: 0 NSF**

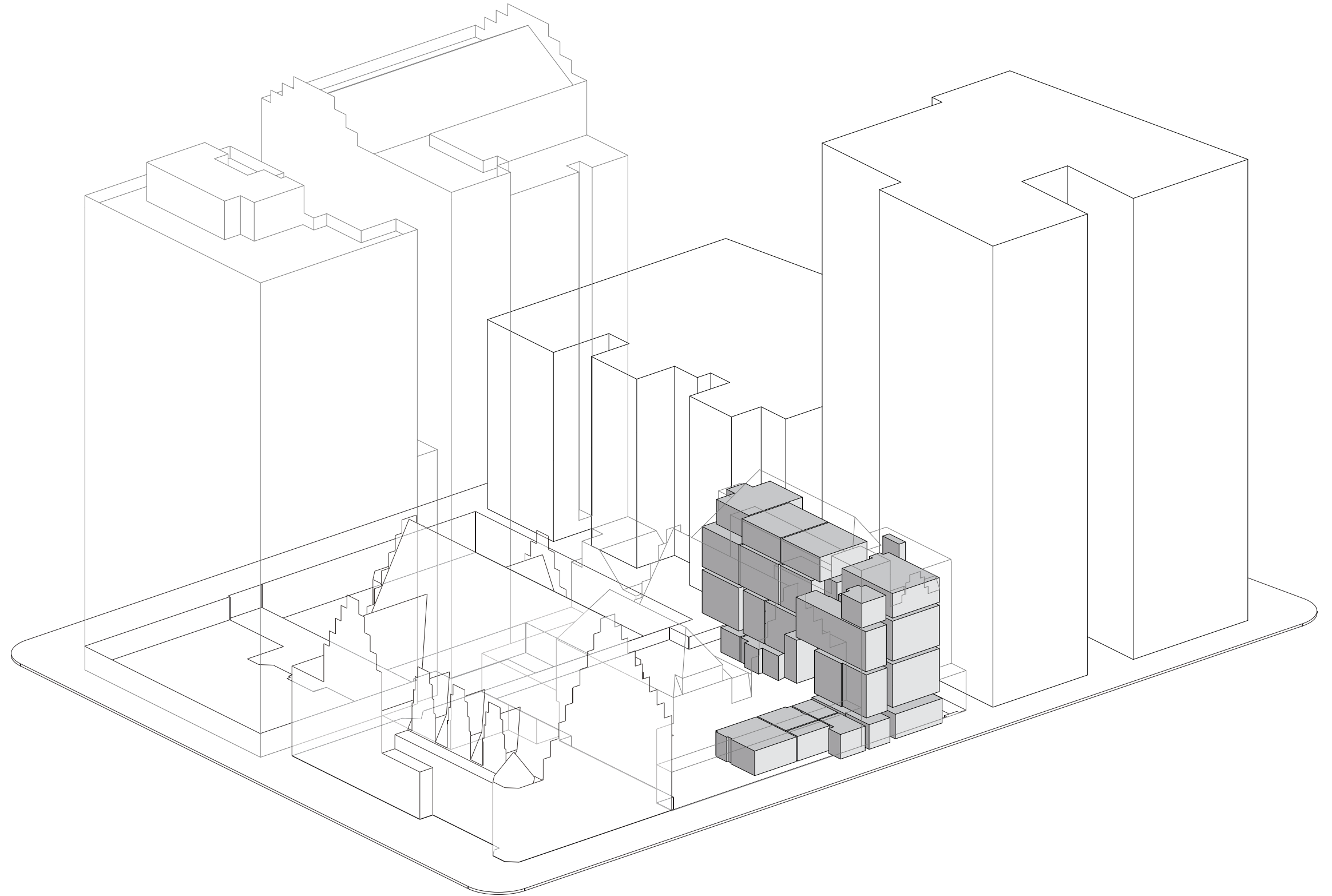
**PLATTEN HALL: 0 NSF**

77th Street Church Building	1	Upper School	Book Storage		142
77th Street Church Building	1	Upper School	Classroom	15	441
77th Street Church Building	1	Upper School	Closet 10		29
77th Street Church Building	1	Upper School	Closet 11		8
77th Street Church Building	1	Upper School	Closet 12		5
77th Street Church Building	1	Upper School	Closet 13 - Guidance Office		62
77th Street Church Building	1	Upper School	Closet 9		19
77th Street Church Building	1	Upper School	Dean of Students	10	120
77th Street Church Building	1	Upper School	Fisher-Landau Office		92
77th Street Church Building	1	Upper School	Academic Conf. Room 1/Asst. Acad. C	14	299
77th Street Church Building	1	Upper School	Academic Conf. Room 2		159
77th Street Church Building	1	Upper School	History Office		215
77th Street Church Building	1	Upper School	Reading Office		103
77th Street Church Building	1	Upper School	Student Center	11	274
77th Street Church Building	2	Upper School	Assistant's Office		102
77th Street Church Building	2	Upper School	Classroom	21	431
77th Street Church Building	2	Upper School	Classroom	23	347
77th Street Church Building	2	Upper School	Classroom	25	428
77th Street Church Building	2	Upper School	Classroom, Counselling	22	247
77th Street Church Building	2	Upper School	Closet 1 - Foreign Language Office		5
77th Street Church Building	2	Upper School	Closet 2 - Foreign Language Office		6
77th Street Church Building	2	Upper School	Copy Room		45
77th Street Church Building	2	Upper School	Foreign Language Office		194
77th Street Church Building	2	Upper School	Upper School Head Office		139
77th Street Church Building	3	Upper School	Classroom	31	431
77th Street Church Building	3	Upper School	Classroom	32	390
77th Street Church Building	3	Upper School	Classroom	33	389
77th Street Church Building	3	Upper School	Classroom	35	439
77th Street Church Building	3	Upper School	Math Department Office		229
77th Street Church Building	3	Upper School	Storage - Math Office		28
77th Street Church Building	3	Upper School	Storage 6 - Classroom		16
77th Street Church Building	4	Upper School	Classroom	41	337
77th Street Church Building	4	Upper School	Classroom	42	326
77th Street Church Building	4	Upper School	Classroom	43	321
77th Street Church Building	4	Upper School	Classroom	44	429
77th Street Church Building	4	Upper School	English Department Office 1		241
77th Street Church Building	4	Upper School	Fac Office Support - Foreign Lang Head		19
77th Street Church Building	4	Upper School	Foreign Language Office		100

**77TH STREET CHURCH BUILDING: 7,607 NSF**

**TOTAL: 7,607 NSF**

\*See Page A22 for complete index of Collegiate spaces



**TOTAL Collegiate Upper School Area: 7,607 NSF**  
**RATIO: 9.7% of Net**



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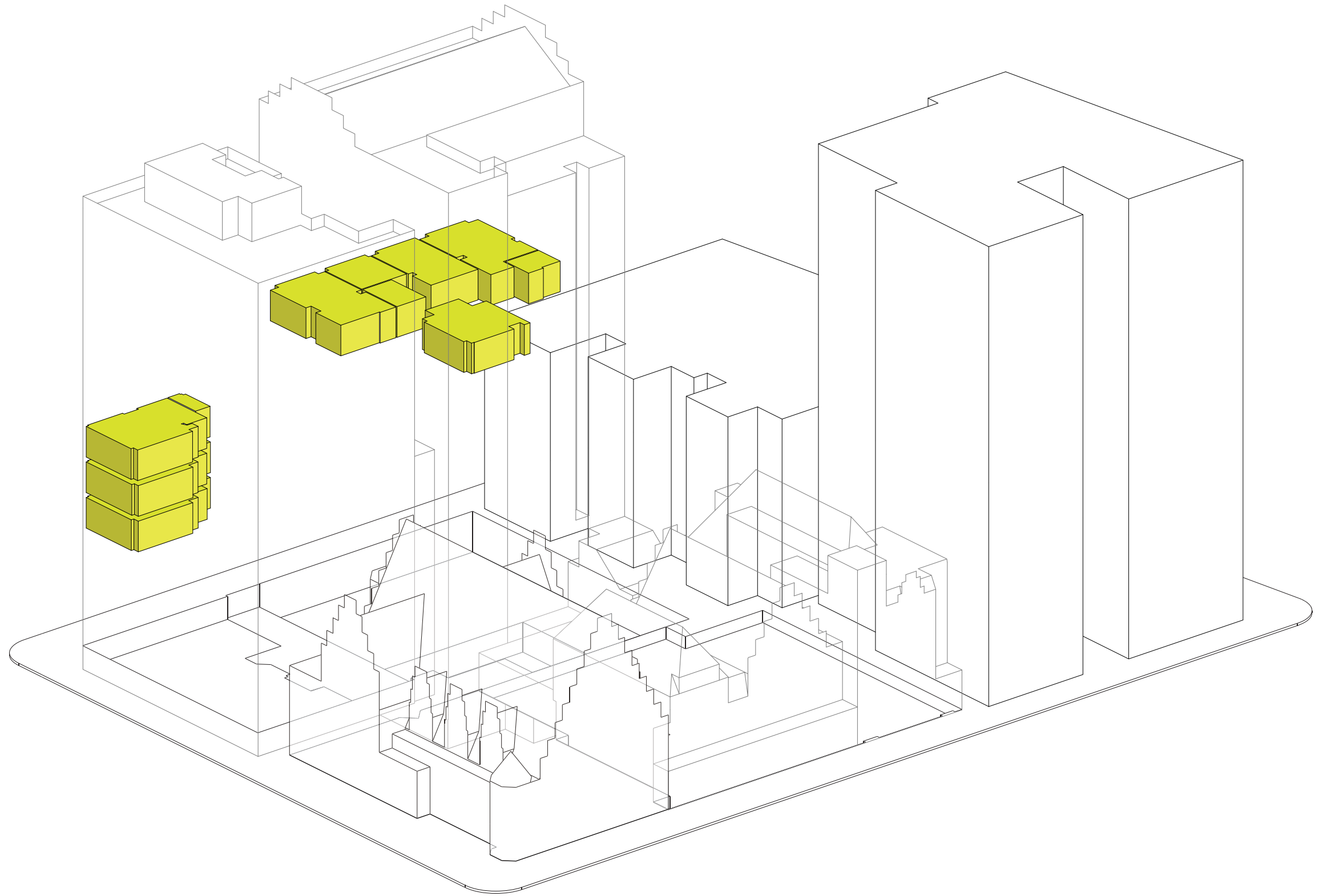
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2- PROGRAM SPECIFICS

A10

**UPPER SCHOOL AREA**





BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
Platten Hall	8	Science, Upper School	Physics Lab	808	577
Platten Hall	8	Science, Upper School	Physics Prep Room		28
Platten Hall	8	Science, Upper School	Project Room	805	316
Platten Hall	8	Science, Upper School	Science Dept. Office		385
Platten Hall	8	Science, Upper School	Closet 1 - Science Office		10
Platten Hall	8	Science, Upper School	Storage - Science		40

**WEST END PLAZA & INFILL BUILDING: 2,331 NSF**

West End Plaza, Infill	6	Science, Lower School	Prep Room	615A	70
West End Plaza, Infill	6	Science, Lower School	Science Room	615	694
West End Plaza, Infill	4	Science, Middle School	Prep Room	415A	71
West End Plaza, Infill	4	Science, Middle School	Science Lab	415	712
West End Plaza, Infill	5	Science, Middle School	Prep Room	515A	73
West End Plaza, Infill	5	Science, Middle School	Science Lab	515	711
Platten Hall	8	Science, Upper School	Advanced Biology Lab	804	526
Platten Hall	8	Science, Upper School	Biology Lab	807	705
Platten Hall	8	Science, Upper School	Biology Prep Room	806	178
Platten Hall	8	Science, Upper School	Chemistry Lab	802	694
Platten Hall	8	Science, Upper School	Chemistry Prep	801	134
Platten Hall	8	Science, Upper School	Chemistry Storage	801A	79

**PLATTEN HALL: 3,672 NSF**

**77TH STREET CHURCH BUILDING: 0 NSF**

**TOTAL: 6,003 NSF**

**TOTAL Collegiate Science Area: 6,003 NSF  
RATIO: 7.7% of Net**

\*See Page A22 for complete index of Collegiate spaces



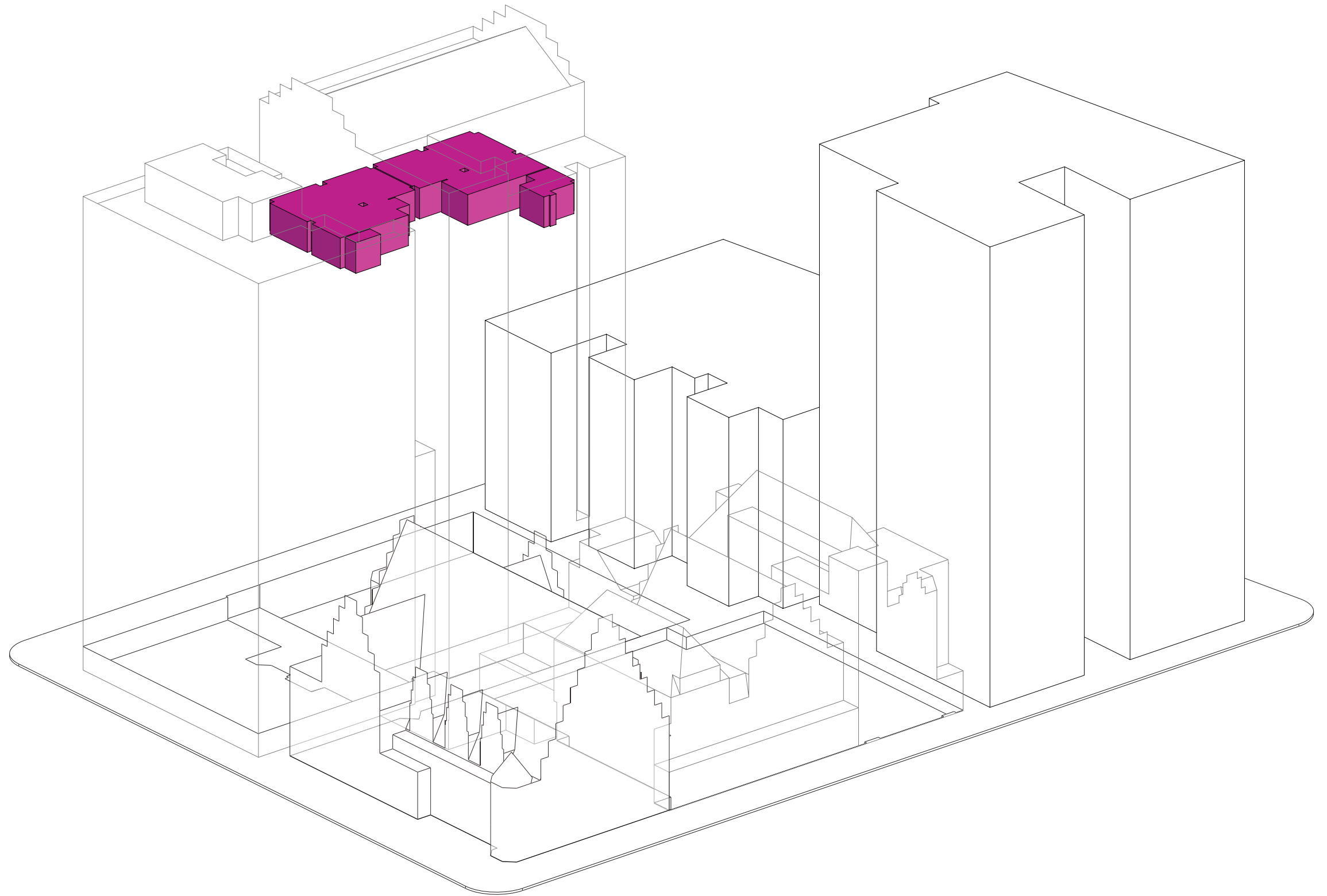
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2- PROGRAM SPECIFICS

A11

**SCIENCE AREA**



BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
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**WEST END PLAZA & INFILL BUILDING: 0 NSF**

Platten Hall	10	Art	Art Office	1003	208
Platten Hall	10	Art	Art Room	1002	1,235
Platten Hall	10	Art	Art Room	1004	1,262
Platten Hall	10	Art	Klin		48
Platten Hall	10	Art	Photo Lab	1004B	179
Platten Hall	10	Art	Photo Lab Vestibule	1004A	19

**PLATTEN HALL: 2,951 NSF**

**77TH STREET CHURCH BUILDING: 0 NSF**

**TOTAL: 2,951 NSF**

\*See Page A22 for complete index of Collegiate spaces

**TOTAL Collegiate Art Area: 2,951 NSF**  
**RATIO: 3.8% of Net**



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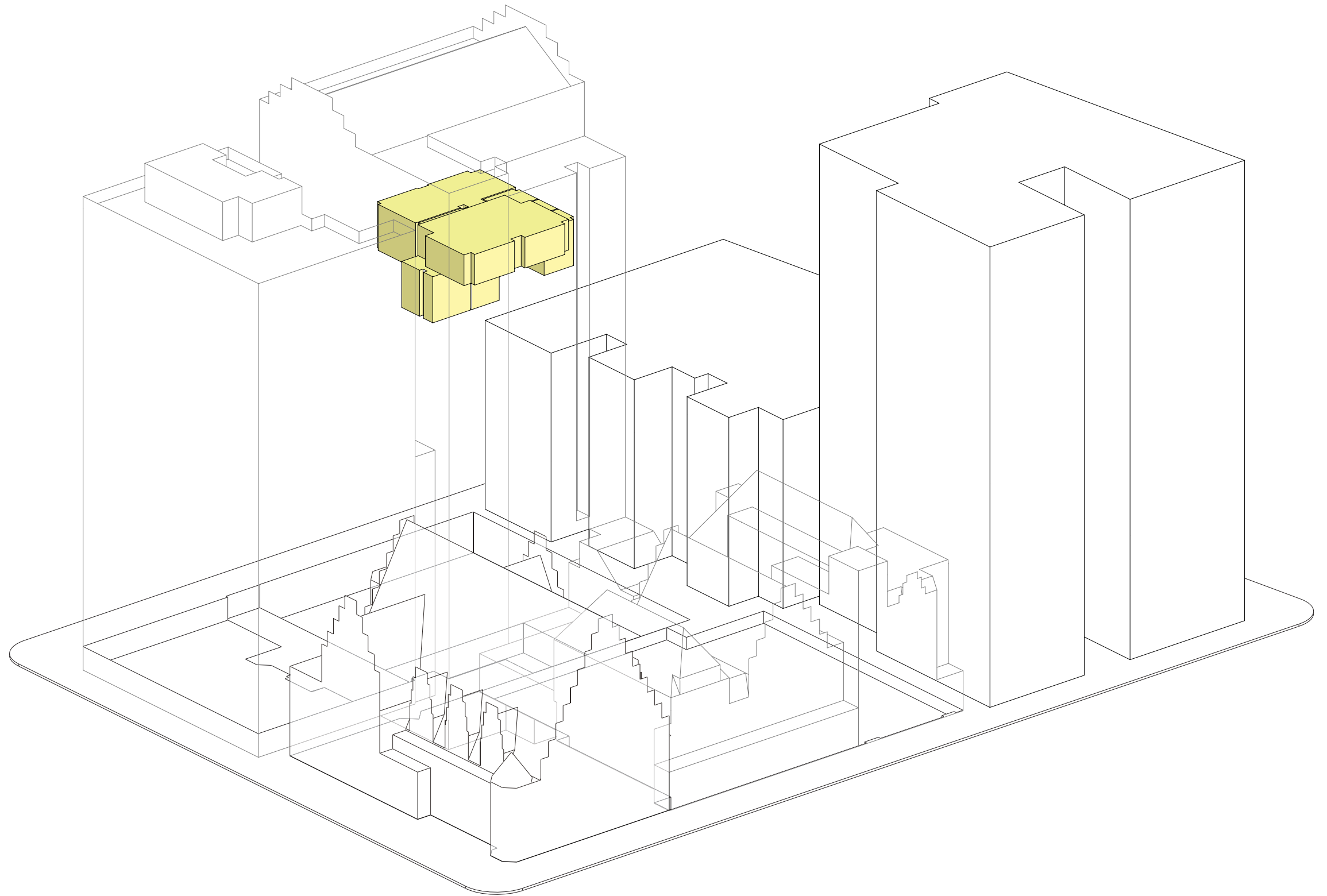
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2- PROGRAM SPECIFICS

A12

**ART AREA**





BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
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**WEST END PLAZA & INFILL BUILDING: 0 NSF**

Platten Hall	9	Music	Instr. Music Room	906	774
Platten Hall	9	Music	Mixing Room	907	323
Platten Hall	9	Music	Music Office	902	157
Platten Hall	9	Music	Practice Room	905	126
Platten Hall	9	Music	Practice Room	904	109
Platten Hall	9	Music	Practice Room	903	107
Platten Hall	9	Music	Practice Room	907A	88
Platten Hall	9	Music	Practice Room	908	57
Platten Hall	10	Music	Closet 1 - Music		10
Platten Hall	10	Music	Closet 2 - Music		18
Platten Hall	10	Music	Music Room	1001	1,030

**PLATTEN HALL: 2,799 NSF**

**77TH STREET CHURCH BUILDING: 0 NSF**

**TOTAL: 2,799 NSF**

\*See Page A22 for complete index of Collegiate spaces

**TOTAL Collegiate Music Area: 2,799 NSF**  
**RATIO: 3.6% of Net**



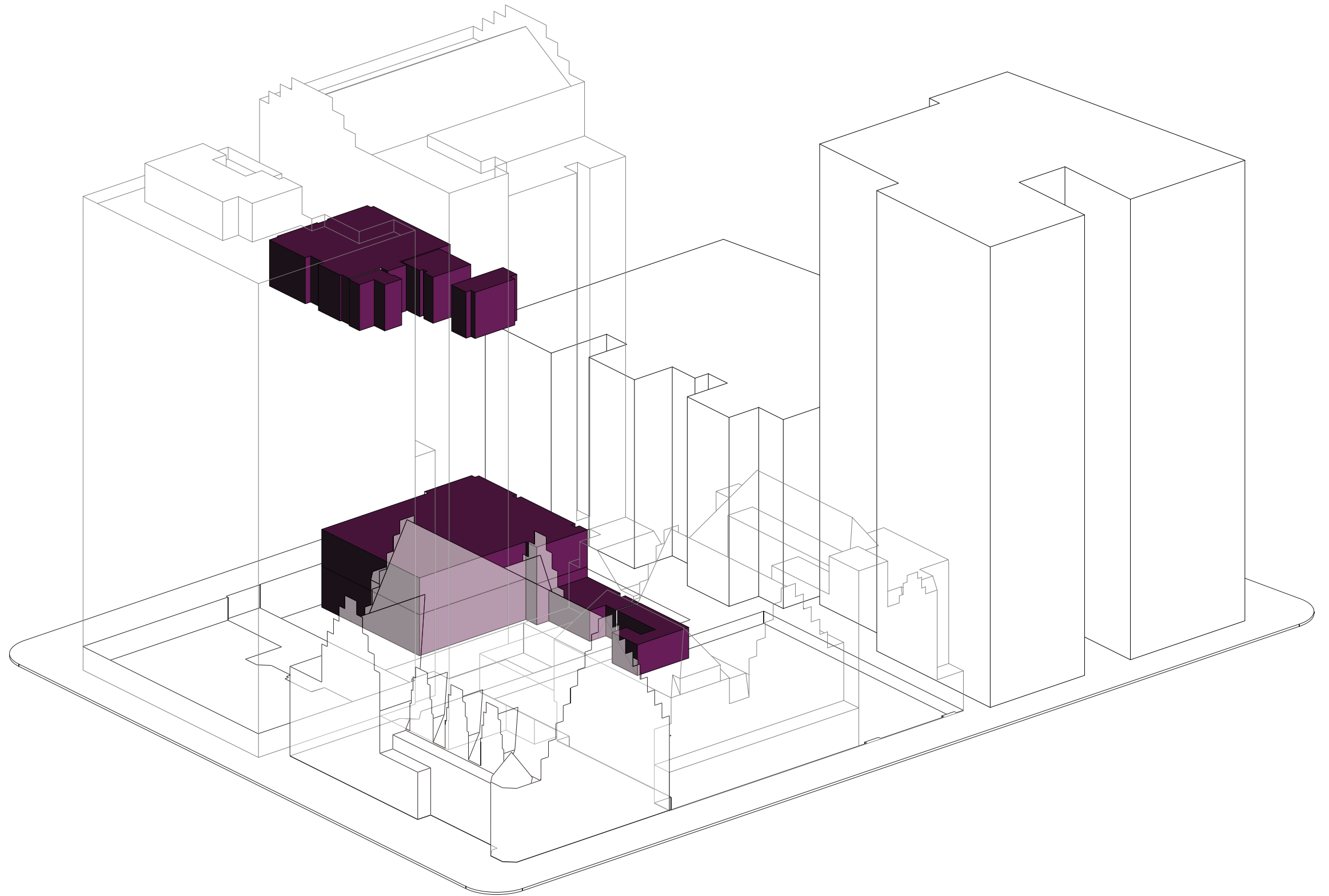
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2- PROGRAM SPECIFICS

A13

**MUSIC AREA**



BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
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**WEST END PLAZA & INFILL BUILDING: 0 NSF**

Platten Hall	C1	Theater Arts	Auditorium		2,602
Platten Hall	C1	Theater Arts	Auditorium Storage		72
Platten Hall	C1	Theater Arts	Scenery Shop		323
Platten Hall	C1	Theater Arts	Set Storage 1		291
Platten Hall	C1	Theater Arts	Set Storage 2		51
Platten Hall	1	Theater Arts	Auditorium Balcony		903
Platten Hall	1	Theater Arts	Sound Booth		31
Platten Hall	9	Theater Arts	Drama Office	901	161
Platten Hall	9	Theater Arts	Drama Studio (Black Box)	910	1,492
Platten Hall	9	Theater Arts	Green Room	909	208
Platten Hall	9	Theater Arts	Lighting/Sound Booth	910A	88

**PLATTEN HALL: 6,222 NSF**

**77TH STREET CHURCH BUILDING: 0 NSF**

**TOTAL: 6,222 NSF**

\*See Page A22 for complete index of Collegiate spaces

**TOTAL Collegiate Theater Arts Area: 6,222 NSF**  
**RATIO: 7.9% of Net**



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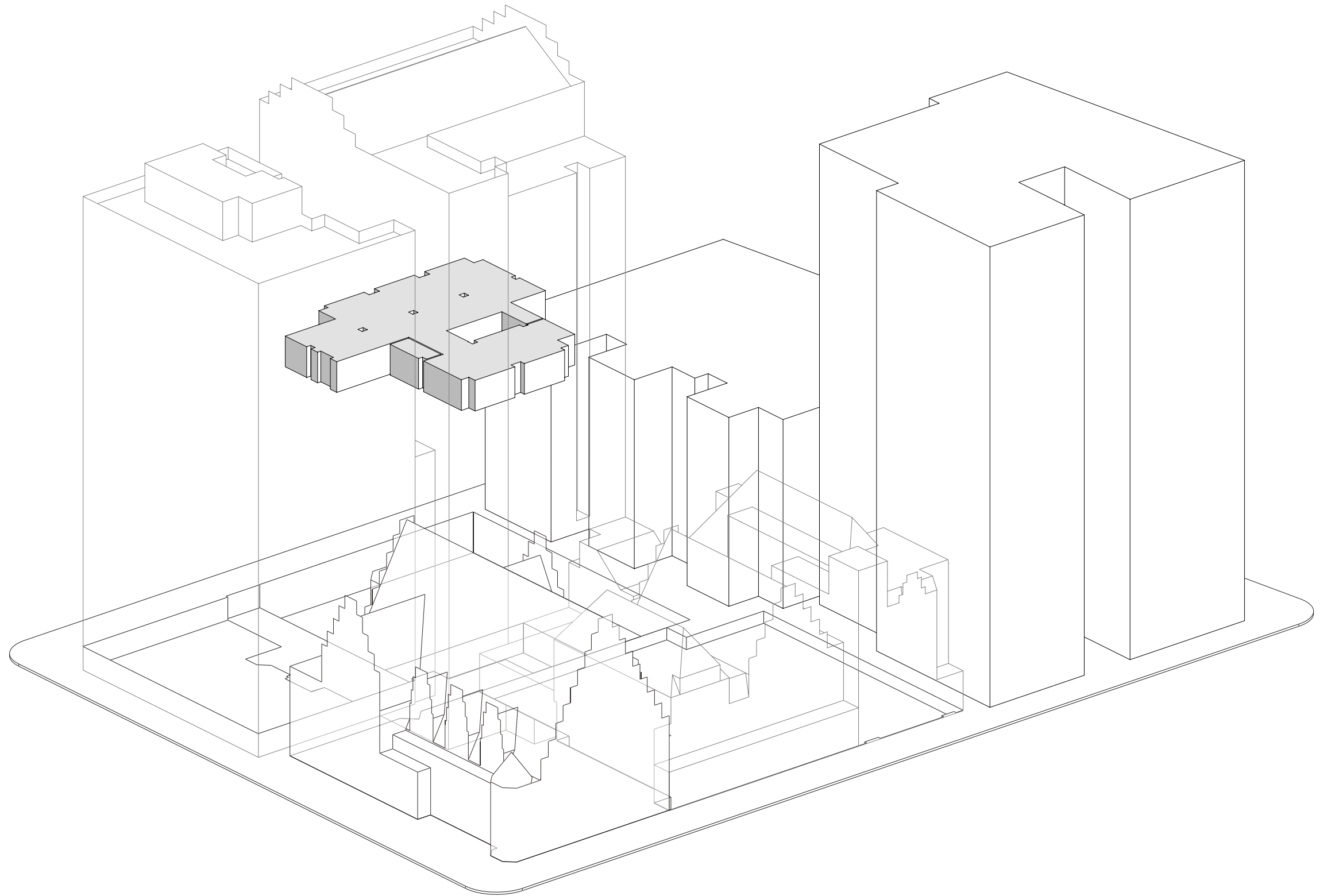
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2- PROGRAM SPECIFICS

A14

**THEATER ARTS AREA**





BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
<b>WEST END PLAZA &amp; INFILL BUILDING:</b>					<b>0 NSF</b>

Platten Hall	7	Library	Library Academic Conference Room	179
Platten Hall	7	Library	Library Hillman Conference Room	154
Platten Hall	7	Library	Library Office	149
Platten Hall	7	Library	Lower School Library	940
Platten Hall	7	Library	Server Room	104
Platten Hall	7	Library	Storage 1 - Library	23
Platten Hall	7	Library	Upper School Library	2,805

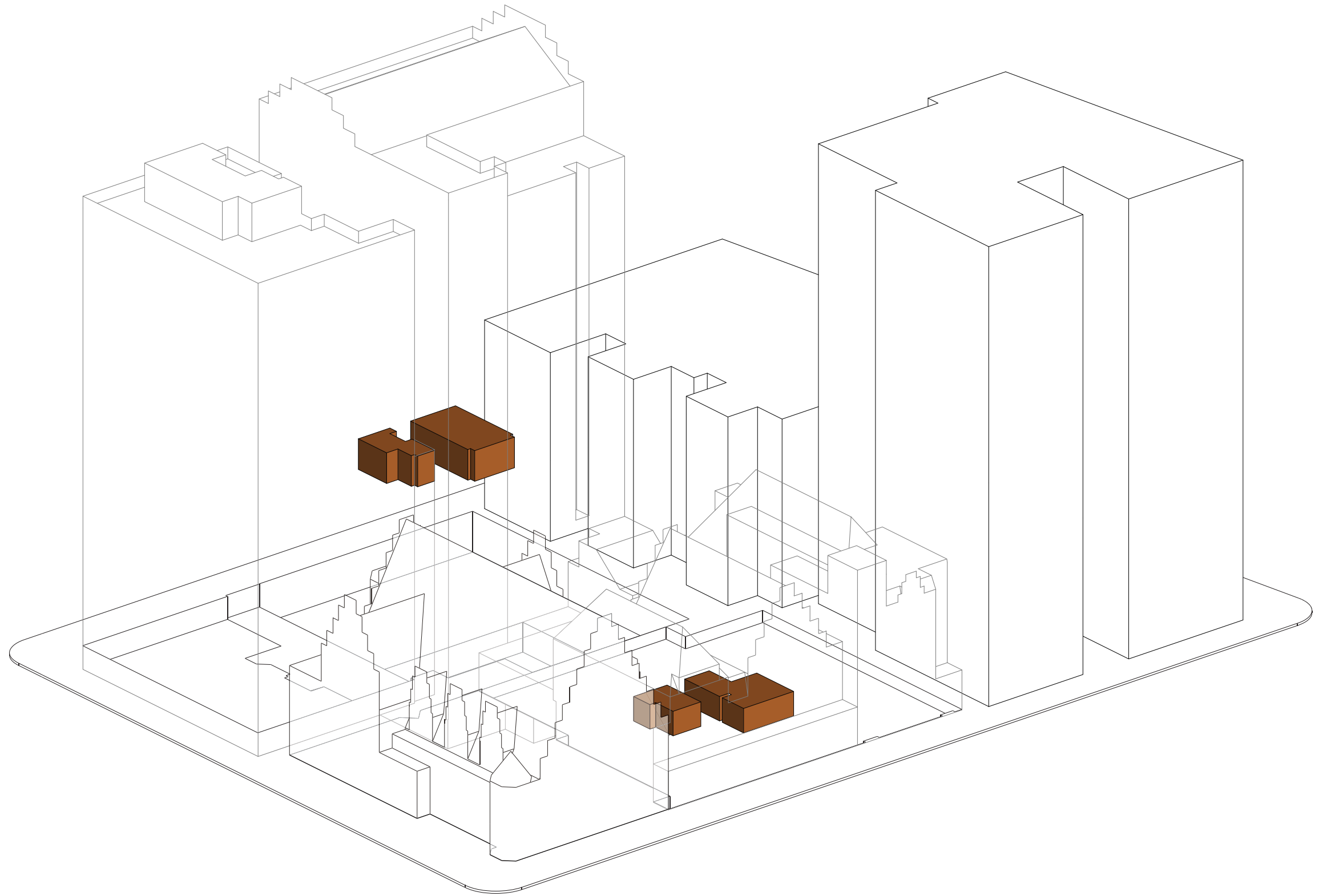
**PLATTEN HALL: 4,354 NSF**

**77TH STREET CHURCH BUILDING: 0 NSF**

**TOTAL: 4,354 NSF**

**TOTAL Collegiate Library Area: 4,354 NSF**  
**RATIO: 5.6% of Net**

\*See Page A22 for complete index of Collegiate spaces



BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
West End Plaza, Infill	6	Technology, Lower School	Lower School Computer Lab	611	203

**WEST END PLAZA & INFILL BUILDING: 203 NSF**

Platten Hall	5	Technology	Faculty Office - Technology (fishbowl)	508	79
Platten Hall	5	Technology, Middle School	Middle School Computer Lab	506	492

**PLATTEN HALL: 571 NSF**

77th Street Church Building	1	Technology	Faculty Office - Technology	61	
77th Street Church Building	1	Technology, Upper School	Computer Center	431	
77th Street Church Building	1	Technology, Upper School	Computer Tech Room	186	

**77TH STREET CHURCH BUILDING: 678 NSF**

**TOTAL: 1,452 NSF**

\*See Page A22 for complete index of Collegiate spaces

**TOTAL Collegiate Technology Area: 1,452 NSF**  
**RATIO: 1.9% of Net**



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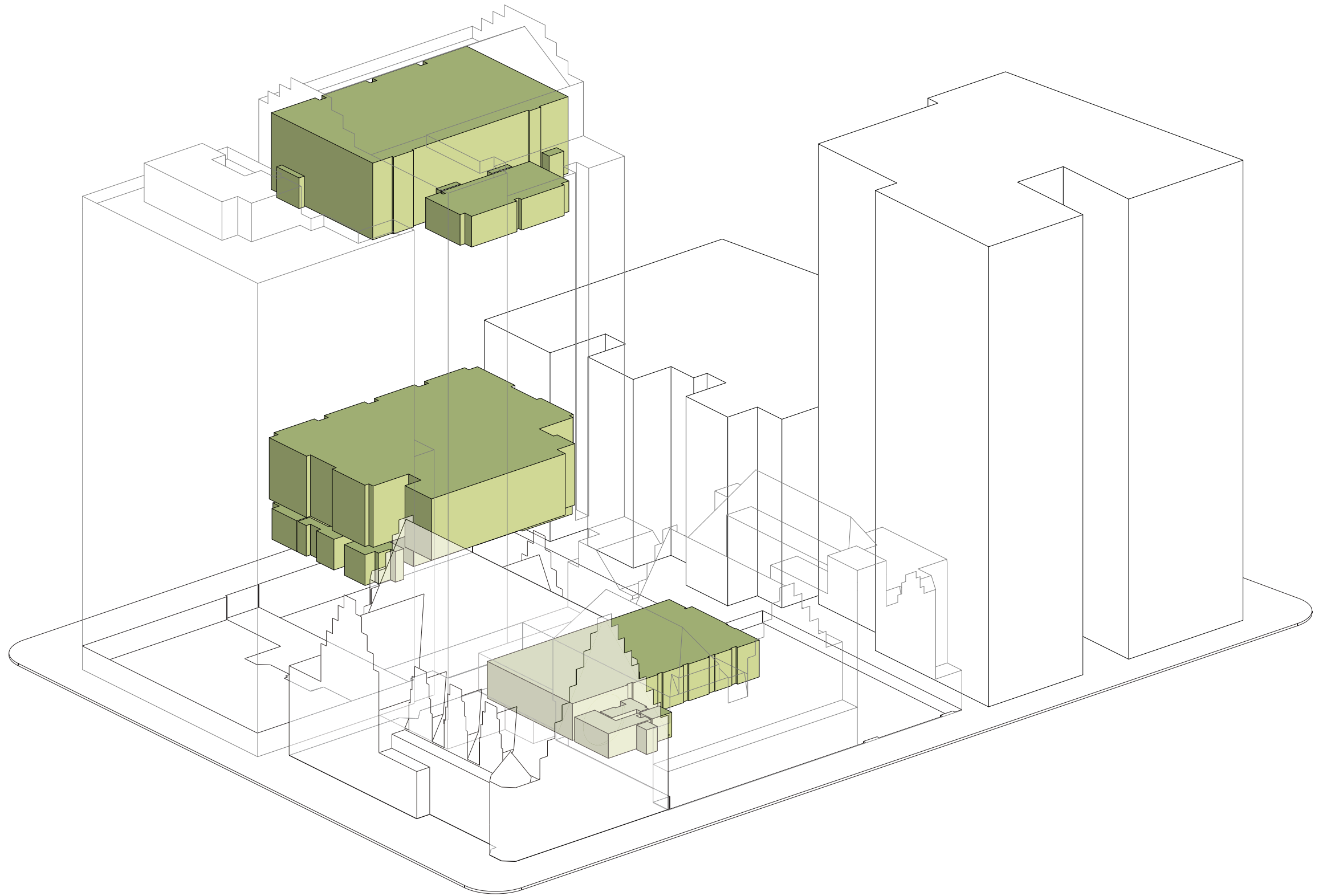
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2- PROGRAM SPECIFICS

A16

**TECHNOLOGY AREA**





BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
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**WEST END PLAZA & INFILL BUILDING: 0 NSF**

Platten Hall	2	Athletics	Athletic Director's Office	80
Platten Hall	2	Athletics	Coaches Office	213
Platten Hall	2	Athletics	Drying Room	93
Platten Hall	2	Athletics	Equipment Room	148
Platten Hall	2	Athletics	Home Locker Room	282
Platten Hall	2	Athletics	Main Locker Room	1,311
Platten Hall	2	Athletics	Shower Room 1	102
Platten Hall	2	Athletics	Shower Room 2	148
Platten Hall	2	Athletics	Staff Locker and Shower	54
Platten Hall	2	Athletics	Storage 2	5
Platten Hall	2	Athletics	Storage 3	8
Platten Hall	2	Athletics	Storage 4	91
Platten Hall	2	Athletics	Training Room	139
Platten Hall	2	Athletics	Visitor Locker Room	273
Platten Hall	2	Athletics	Laundry	132
Platten Hall	3	Athletics	Gymnasium	4,814
Platten Hall	3	Athletics	Storage 4	17
Platten Hall	3	Athletics	Storage 5	20
Platten Hall	11	Athletics	Closet 1	21
Platten Hall	11	Athletics	Closet 2	16
Platten Hall	11	Athletics	Closet 3	11
Platten Hall	11	Athletics	Closet 4	11
Platten Hall	11	Athletics	Closet 5	16
Platten Hall	11	Athletics	Closet 6	19
Platten Hall	11	Athletics	Closet 7	21
Platten Hall	11	Athletics	Fitness Room	789
Platten Hall	11	Athletics	Gymnasium	3,550

**PLATTEN HALL: 12,384 NSF**

77th Street Church Building	1	Athletics	Alumni Gymnasium	2,832
77th Street Church Building	1	Athletics	Closet 16	45
77th Street Church Building	1	Athletics	Closet 17	19
77th Street Church Building	1	Athletics	Coach's Office	98
77th Street Church Building	1	Athletics	Storage 3	175

**77TH STREET CHURCH BUILDING: 3,169 NSF**

**TOTAL: 15,533 NSF**

**TOTAL Collegiate Athletics Area: 15,533 NSF**  
**RATIO: 19.8% of Net**

\*See Page A22 for complete index of Collegiate spaces



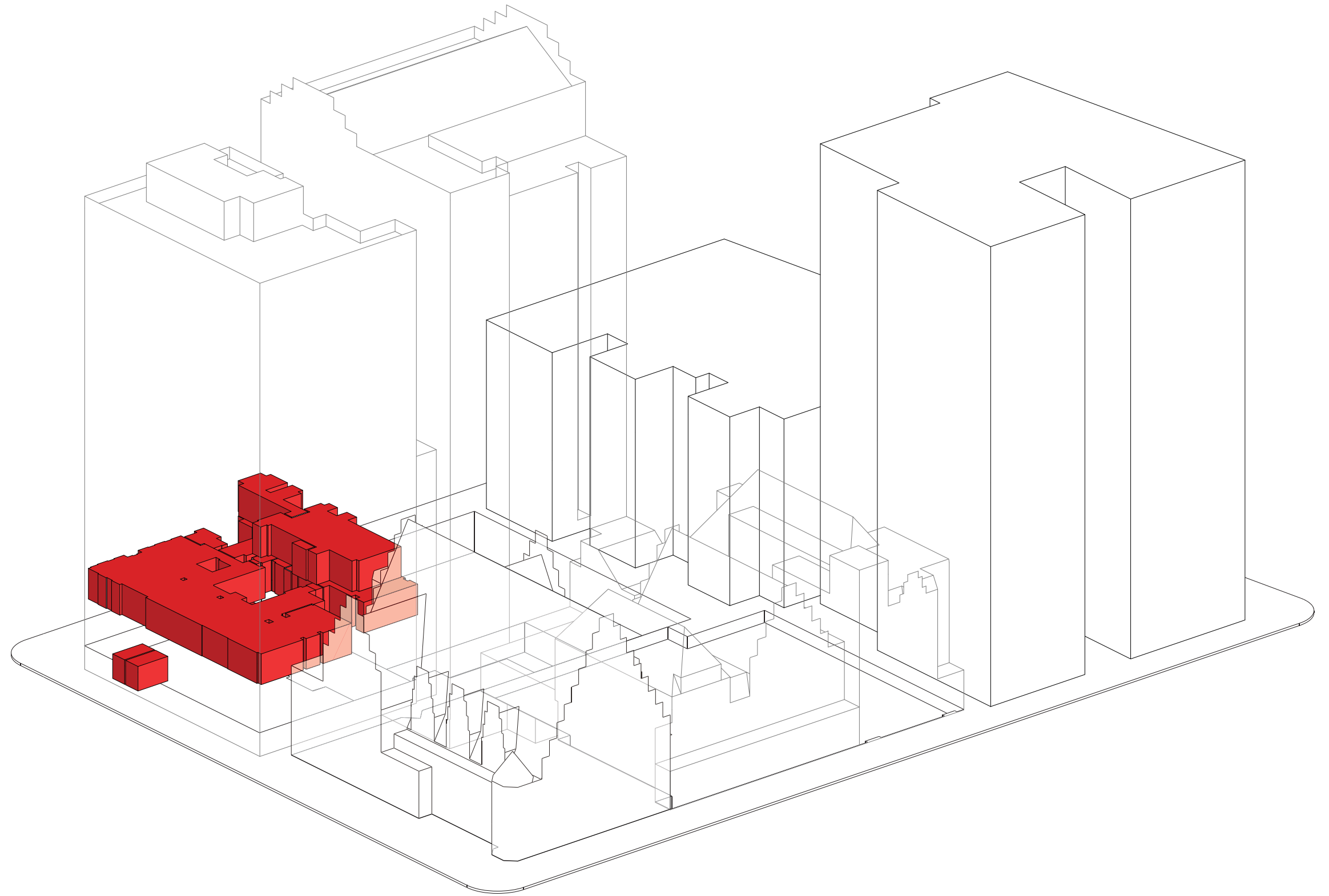
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2- PROGRAM SPECIFICS

A17

**ATHLETICS AREA**



BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
West End Plaza, Infill	C1	Dining/Food Services	Kitchen Storage		210
West End Plaza, Infill	C1	Dining/Food Services	Men's Staff Lockers		66
West End Plaza, Infill	C1	Dining/Food Services	Women's Staff Lockers		64
West End Plaza, Infill	2	Dining/Food Services	Dining Area		2,778
West End Plaza, Infill	2	Dining/Food Services	Kitchen		1,416
West End Plaza, Infill	2	Dining/Food Services	Kitchen Office		39
West End Plaza, Infill	2	Dining/Food Services	Kitchen Storage 1		16
West End Plaza, Infill	2	Dining/Food Services	Service Room - Kitchen Storage		88
West End Plaza, Infill	3	Dining/Food Services	Dry Storage		255
West End Plaza, Infill	3	Dining/Food Services	Lower School Dining		805
West End Plaza, Infill	3	Dining/Food Services	Storage 3 - LS Dining Room		21

**WEST END PLAZA & INFILL BUILDING: 5,758 NSF**

**PLATTEN HALL: 0 NSF**

**77TH STREET CHURCH BUILDING: 0 NSF**

**TOTAL: 5,758 NSF**

**TOTAL Collegiate Dining/Food Service Area: 5,758 NSF  
RATIO: 7.3% of Net**

\*See Page A22 for complete index of Collegiate spaces



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BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
West End Plaza, Infill	C1	Administration, Business	Archive Room - Business Office?	122	
West End Plaza, Infill	C1	Administration, Development	Alumni Conference Room	226	
West End Plaza, Infill	C1	Administration, Development	Alumni Development Office	626	
West End Plaza, Infill	C1	Administration, Development	Closet 1 - Alumni Dev Office	4	
West End Plaza, Infill	C1	Administration, Development	Parent's Association	261	
West End Plaza, Infill	C1	Administration, Development	Closet 2 - Parents Assoc.	7	
West End Plaza, Infill	C1	Administration, Development	Private Office - Development Dir	114	
West End Plaza, Infill	C1	Administration, Development	Publications Office	40	
West End Plaza, Infill	C1	Administration, Development	Storage 1 - Development	35	
West End Plaza, Infill	C1	Administration, Development	Storage 2 - Parent Association	33	
West End Plaza, Infill	1	Administration	Closet 7 - General Reception	17	
West End Plaza, Infill	1	Administration	Closet 8 - Coat Closet	16	
West End Plaza, Infill	1	Administration	Conference Room	334	
West End Plaza, Infill	1	Administration	General Reception	693	
West End Plaza, Infill	1	Administration	Kitchenette - Conference Room	16	
West End Plaza, Infill	1	Administration	Mailroom	178	
West End Plaza, Infill	1	Administration, Admissions	Admission	227	
West End Plaza, Infill	1	Administration, Admissions	Admission's Officer Office	10	
West End Plaza, Infill	1	Administration, Admissions	Closet 2 - Admissions	10	
West End Plaza, Infill	1	Administration, Admissions	Closet 3 - Admissions	33	
West End Plaza, Infill	1	Administration, Admissions	Director of Admission	167	
West End Plaza, Infill	1	Administration, Business	Business Office 1 - HR	83	
West End Plaza, Infill	1	Administration, Business	Business Office 2 - CFO	130	
West End Plaza, Infill	1	Administration, Business	Business Office 3 - Controller	85	
West End Plaza, Infill	1	Administration, Business	Business Office 4 - Payroll	186	
West End Plaza, Infill	1	Administration, Business	Business Office Reception	205	
West End Plaza, Infill	1	Administration, Business	Closet 1 - Business Office	29	
West End Plaza, Infill	1	Administration, Business	Storage 1 - Business Office	33	
West End Plaza, Infill	1	Administration, Headmaster	Closet 4 - Headmaster	11	
West End Plaza, Infill	1	Administration, Headmaster	Closet 5 - Headmaster	12	
West End Plaza, Infill	1	Administration, Headmaster	Closet 6 - Headmaster	5	
West End Plaza, Infill	1	Administration, Headmaster	Headmaster's Assistant	181	
West End Plaza, Infill	1	Administration, Headmaster	Headmaster's Office	267	

**WEST END PLAZA & INFILL BUILDING: 4,396 NSF**

Platten Hall	C1	Administration	Nurse's Office	165	
Platten Hall	C1	Administration	Pt. Dir. Office	82	
Platten Hall	C1	Administration	Lower Lobby	698	
Platten Hall	1	Administration	North Lobby	681	
Platten Hall	1	Administration	South Lobby	1,432	
Platten Hall	1	Administration	Security	54	

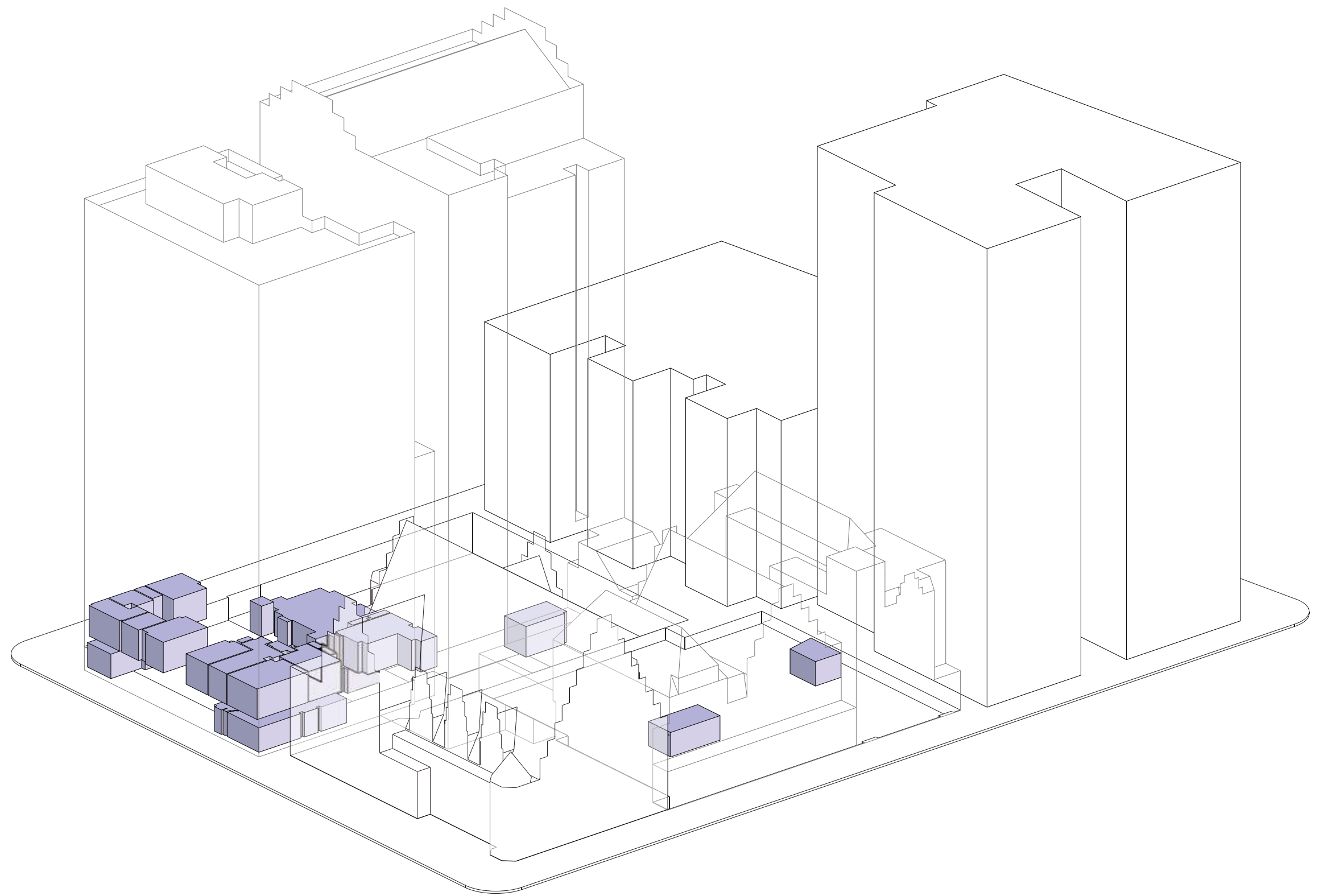
**PLATTEN HALL: 3,112 NSF**

77th Street Church Building	1	Administration	College Guidance Office	199	
77th Street Church Building	1	Administration	Mailroom	128	

**77TH STREET CHURCH BUILDING: 327 NSF**

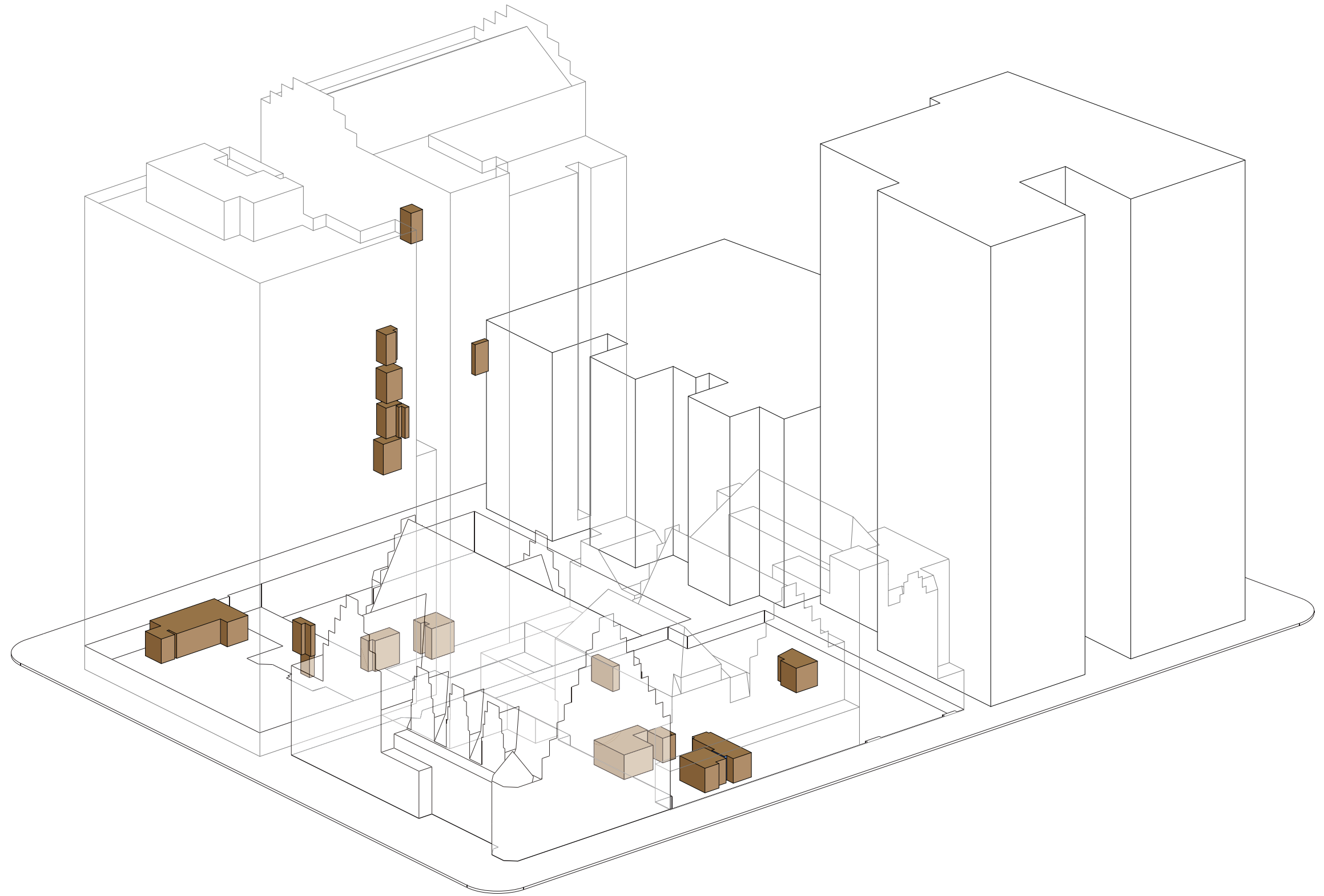
**TOTAL: 7,835 NSF**

\*See Page A22 for complete index of Collegiate spaces



**TOTAL Collegiate Administration Area: 7,835 NSF**  
**RATIO: 10.0% of Net**





BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
West End Plaza, Infill	C1	Service	Maintenance Shop		445
West End Plaza, Infill	1	Service	Service Entry		249
West End Plaza, Infill	1	Service	Storage 2 - Deliveries		21
West End Plaza, Infill	2	Service, Janitor	Janitor's Closet		7
West End Plaza, Infill	3	Service, Janitor	Janitor's Closet 1		8
West End Plaza, Infill	4	Service, Janitor	Janitor's Closet 1		8
West End Plaza, Infill	5	Service, Janitor	Janitor's Closet 1		8

**WEST END PLAZA & INFILL BUILDING: 746 NSF**

Platten Hall	C1	Service	Storage 3		20
Platten Hall	C1	Service	Storage 4		70
Platten Hall	C1	Service, Janitor	Janitor's Closet		50
Platten Hall	1	Service, Janitor	Janitor's Closet		6
Platten Hall	3	Service, Janitor	Janitor's Closet 2		21
Platten Hall	5	Service, Janitor	Janitor's Closet 2		32
Platten Hall	6	Service, Janitor	Janitor's Closet 2		27
Platten Hall	7	Service, Janitor	Janitor's Closet		30
Platten Hall	8	Service, Janitor	Janitor's Closet		23
Platten Hall	9	Service, Janitor	Janitor's Closet		10
Platten Hall	10	Service, Janitor	Janitor's Closet		22

**PLATTEN HALL: 311 NSF**

77th Street Church Building	1	Service	Building Services Supervisor Office		85
77th Street Church Building	1	Service	Closet 14		3
77th Street Church Building	1	Service	Closet 15		3
77th Street Church Building	1	Service	Storage 4		35
77th Street Church Building	1	Service	Storage 5		104
77th Street Church Building	1	Service	Storage 6		144
77th Street Church Building	1	Service	Storage 7 Crawl Space		334
77th Street Church Building	1	Service	Workroom		183
77th Street Church Building	3	Service, Janitor	Janitor's Closet 3		3

**77TH STREET CHURCH BUILDING: 894 NSF**

**TOTAL: 1,951 NSF**

**TOTAL Collegiate Service Area: 1,951 NSF  
RATIO: 2.5% of Net**

\*See Page A22 for complete index of Collegiate spaces



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2- PROGRAM SPECIFICS

A20

## SERVICE AREA

\*service defined as all toilets, closets and storage

BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
77th Street Church Building	4	Upper School	Fac Office Support - Foreign Lang Head		19
77th Street Church Building	4	Upper School	Foreign Language Office		100
77th Street Church Building	4	W.C.	Men's Toilet		34
Platten Hall	C2	Circulation	Stair 3		143
Platten Hall	C2	Mechanical	Boiler Room		943
Platten Hall	C2	Mechanical	Elevator Pit		153
Platten Hall	C2	Mechanical	Mechanical Room		726
Platten Hall	C2	Mechanical	Oil Tank Storage		556
Platten Hall	C1	Administration	Nurse's Office		165
Platten Hall	C1	Administration	Pl. Dir. Office		82
Platten Hall	C1	Administration	Lower Lobby		698
Platten Hall	C1	Circulation	Auditorium Stair		81
Platten Hall	C1	Circulation	Corridor 2		259
Platten Hall	C1	Circulation	Elevators 1,2		150
Platten Hall	C1	Circulation	Stair 3		287
Platten Hall	C1	Circulation	Stair 5		130
Platten Hall	C1	Mechanical	Electrical Room 2		101
Platten Hall	C1	Mechanical	Meter Room		82
Platten Hall	C1	Service	Storage 3		20
Platten Hall	C1	Service	Storage 4		70
Platten Hall	C1	Service, Janitor	Janitor's Closet		50
Platten Hall	C1	Theater Arts	Auditorium		2,602
Platten Hall	C1	Theater Arts	Auditorium Storage		72
Platten Hall	C1	Theater Arts	Scenery Shop		323
Platten Hall	C1	Theater Arts	Set Storage 1		291
Platten Hall	C1	Theater Arts	Set Storage 2		51
Platten Hall	C1	W.C.	Men's Restroom		82
Platten Hall	C1	W.C.	Women's Restroom		129
Platten Hall	1	Administration	North Lobby		681
Platten Hall	1	Administration	South Lobby		1,432
Platten Hall	1	Administration	Security		54
Platten Hall	1	Circulation	Elevators 1,2		150
Platten Hall	1	Circulation	Stair 3		273
Platten Hall	1	Circulation	Stair 4		69
Platten Hall	1	Circulation	Stair 5		97
Platten Hall	1	Circulation	Vestibule 1		131
Platten Hall	1	Circulation	Vestibule 4		114
Platten Hall	1	Circulation	Vestibule 5		34
Platten Hall	1	Mechanical	Mechanical Room 2		57
Platten Hall	1	Service, Janitor	Janitor's Closet		6
Platten Hall	1	Theater Arts	Auditorium Balcony		903
Platten Hall	1	Theater Arts	Sound Booth		31
Platten Hall	2	Athletics	Athletic Director's Office		80
Platten Hall	2	Athletics	Coaches Office		213
Platten Hall	2	Athletics	Drying Room		93
Platten Hall	2	Athletics	Equipment Room		148
Platten Hall	2	Athletics	Home Locker Room		282
Platten Hall	2	Athletics	Main Locker Room		1,311
Platten Hall	2	Athletics	Shower Room 1		102
Platten Hall	2	Athletics	Shower Room 2		148
Platten Hall	2	Athletics	Staff Locker and Shower		54
Platten Hall	2	Athletics	Storage 2		5
Platten Hall	2	Athletics	Storage 3		8
Platten Hall	2	Athletics	Storage 4		91
Platten Hall	2	Athletics	Training Room		139
Platten Hall	2	Athletics	Visitor Locker Room		273
Platten Hall	2	Athletics	Laundry		132
Platten Hall	2	Circulation	Corridor 2		383
Platten Hall	2	Circulation	Corridor 3		144
Platten Hall	2	Circulation	Elevators 1,2		150
Platten Hall	2	Circulation	Stair 3		297
Platten Hall	2	Circulation	Stair 4		382
Platten Hall	2	Mechanical	Mechanical Room		918
Platten Hall	2	W.C.	Staff Toilet - Athletics		28
Platten Hall	2	W.C.	Toilet 1 - Athletics Locker Room		43
Platten Hall	2	W.C.	Toilet 2 - Athletics Locker Room		100
Platten Hall	2	W.C.	Toilet 3 - Athletics Locker Room		66
Platten Hall	3	Athletics	Gymnasium		4,814
Platten Hall	3	Athletics	Storage 4		17
Platten Hall	3	Athletics	Storage 5		20
Platten Hall	3	Circulation	Elevators 1,2		152
Platten Hall	3	Circulation	Stair 3		305

BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
77th Street Church Building	1	Administration	College Guidance Office		199
77th Street Church Building	1	Administration	Mailroom	12	128
77th Street Church Building	1	Athletics	Alumni Gymnasium		2,832
77th Street Church Building	1	Athletics	Closet 16		45
77th Street Church Building	1	Athletics	Closet 17		19
77th Street Church Building	1	Athletics	Coach's Office		98
77th Street Church Building	1	Athletics	Storage 3		175
77th Street Church Building	1	Circulation	Corridor 4		963
77th Street Church Building	1	Circulation	Stair 6		82
77th Street Church Building	1	Circulation	Vestibule 6		130
77th Street Church Building	1	Circulation	Vestibule 7		39
77th Street Church Building	1	Mechanical	Electrical Closet		57
77th Street Church Building	1	Mechanical	Mechanical Room 3		560
77th Street Church Building	1	Service	Building Services Supervisor Office		85
77th Street Church Building	1	Service	Closet 14		3
77th Street Church Building	1	Service	Closet 15		3
77th Street Church Building	1	Service	Storage 4		35
77th Street Church Building	1	Service	Storage 5		104
77th Street Church Building	1	Service	Storage 6		144
77th Street Church Building	1	Service	Storage 7 Crawl Space		334
77th Street Church Building	1	Service	Workroom		183
77th Street Church Building	1	Technology	Faculty Office - Technology		61
77th Street Church Building	1	Technology, Upper School	Computer Center		431
77th Street Church Building	1	Technology, Upper School	Computer Tech Room		186
77th Street Church Building	1	Upper School	Book Storage		142
77th Street Church Building	1	Upper School	Classroom	15	441
77th Street Church Building	1	Upper School	Closet 10		29
77th Street Church Building	1	Upper School	Closet 11		8
77th Street Church Building	1	Upper School	Closet 12		5
77th Street Church Building	1	Upper School	Closet 13 - Guidance Office		62
77th Street Church Building	1	Upper School	Closet 9		19
77th Street Church Building	1	Upper School	Dean of Students	10	120
77th Street Church Building	1	Upper School	Fisher-Landau Office		92
77th Street Church Building	1	Upper School	Academic Conf. Room 1/Asst. Acad. C	14	299
77th Street Church Building	1	Upper School	Academic Conf. Room 2		159
77th Street Church Building	1	Upper School	History Office		215
77th Street Church Building	1	Upper School	Reading Office		103
77th Street Church Building	1	Upper School	Student Center	11	274
77th Street Church Building	1	W.C.	Men's Toilet		135
77th Street Church Building	1	W.C.	Women's Toilet		62
77th Street Church Building	2	Circulation	Corridor 4		163
77th Street Church Building	2	Circulation	Corridor 5		162
77th Street Church Building	2	Circulation	Stair 6		190
77th Street Church Building	2	Upper School	Assistant's Office		102
77th Street Church Building	2	Upper School	Classroom	21	431
77th Street Church Building	2	Upper School	Classroom	23	347
77th Street Church Building	2	Upper School	Classroom	25	428
77th Street Church Building	2	Upper School	Classroom, Counselling	22	247
77th Street Church Building	2	Upper School	Closet 1 - Foreign Language Office		5
77th Street Church Building	2	Upper School	Closet 2 - Foreign Language Office		6
77th Street Church Building	2	Upper School	Copy Room		45
77th Street Church Building	2	Upper School	Foreign Language Office		194
77th Street Church Building	2	Upper School	Upper School Head Office		139
77th Street Church Building	3	Circulation	Corridor 4		147
77th Street Church Building	3	Circulation	Corridor 5		152
77th Street Church Building	3	Circulation	Stair 6		198
77th Street Church Building	3	Service, Janitor	Janitor's Closet 3		3
77th Street Church Building	3	Upper School	Classroom	31	431
77th Street Church Building	3	Upper School	Classroom	32	390
77th Street Church Building	3	Upper School	Classroom	33	389
77th Street Church Building	3	Upper School	Classroom	35	439
77th Street Church Building	3	Upper School	Math Department Office		229
77th Street Church Building	3	Upper School	Storage - Math Office		28
77th Street Church Building	3	Upper School	Storage 6 - Classroom		16
77th Street Church Building	3	W.C.	Men's Toilet		48
77th Street Church Building	4	Circulation	Corridor 3		366
77th Street Church Building	4	Circulation	Stair 6		151
77th Street Church Building	4	Upper School	Classroom	41	337
77th Street Church Building	4	Upper School	Classroom	42	326
77th Street Church Building	4	Upper School	Classroom	43	321
77th Street Church Building	4	Upper School	Classroom	44	429
77th Street Church Building	4	Upper School	English Department Office 1		241



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3- APPENDIX

**EXISTING PROGRAM INDEX**

BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
Platten Hall	3	Circulation	Stair 4		225
Platten Hall	3	Service, Janitor	Janitor's Closet 2		21
Platten Hall	4	Circulation	Elevators 1,2		151
Platten Hall	4	Circulation	Stair 3		284
Platten Hall	4	Circulation	Stair 4		226
Platten Hall	5	Circulation	Corridor 2		929
Platten Hall	5	Circulation	Elevators 1,2		152
Platten Hall	5	Circulation	Stair 3		299
Platten Hall	5	Circulation	Stair 4		226
Platten Hall	5	Middle School	Classroom, 5th Grade	507	522
Platten Hall	5	Middle School	Classroom, 5th Grade	505	489
Platten Hall	5	Middle School	Classroom, 6th Grade	503	489
Platten Hall	5	Middle School	Classroom, 6th Grade	504	492
Platten Hall	5	Middle School	Classroom	502	519
Platten Hall	5	Middle School	Learning Specialist	501	118
Platten Hall	5	Middle School	Storage 2 - Copy Room		54
Platten Hall	5	Service, Janitor	Janitor's Closet 2		32
Platten Hall	5	Technology	Faculty Office - Technology (fishbowl)	508	79
Platten Hall	5	Technology, Middle School	Middle School Computer Lab	506	492
Platten Hall	5	W.C.	Men's Toilet 2		125
Platten Hall	6	Circulation	Corridor 2		929
Platten Hall	6	Circulation	Elevator 1,2		152
Platten Hall	6	Circulation	Stair 3		299
Platten Hall	6	Circulation	Stair 4		227
Platten Hall	6	Lower School	Classroom, 1st Grade	606	558
Platten Hall	6	Lower School	Classroom, 1st Grade	604	565
Platten Hall	6	Lower School	Classroom, 2nd Grade	607	556
Platten Hall	6	Lower School	Classroom, 2nd Grade	605	512
Platten Hall	6	Lower School	Classroom, 3rd Grade	603	512
Platten Hall	6	Lower School	Classroom, 3rd Grade	602	551
Platten Hall	6	Lower School	Copy Room		54
Platten Hall	6	Lower School	Faculty Office	608	64
Platten Hall	6	Lower School	Office	601A	56
Platten Hall	6	Lower School	Reading Room	601	105
Platten Hall	6	Lower School	Storage 2		9
Platten Hall	6	Lower School	Storage 3		31
Platten Hall	6	Lower School	Storage 4		12
Platten Hall	6	Lower School	Storage 5		12
Platten Hall	6	Service, Janitor	Janitor's Closet 2		27
Platten Hall	6	W.C.	Student Toilet	604A	31
Platten Hall	6	W.C.	Student Toilet	607A	24
Platten Hall	6	W.C.	Student Toilet	602A	23
Platten Hall	6	W.C.	Toilet		58
Platten Hall	7	Circulation	Corridor 3		297
Platten Hall	7	Circulation	Elevator 1,2		151
Platten Hall	7	Circulation	Stair 3		290
Platten Hall	7	Circulation	Stair 4		229
Platten Hall	7	Library	Library Academic Conference Room		179
Platten Hall	7	Library	Library Hillman Conference Room		154
Platten Hall	7	Library	Library Office		149
Platten Hall	7	Library	Lower School Library		940
Platten Hall	7	Library	Server Room		104
Platten Hall	7	Library	Storage 1 - Library		23
Platten Hall	7	Library	Upper School Library		2,805
Platten Hall	7	Service, Janitor	Janitor's Closet		30
Platten Hall	7	W.C.	Men's Toilet		89
Platten Hall	7	W.C.	Women's Toilet		20
Platten Hall	8	Circulation	Corridor 2		782
Platten Hall	8	Circulation	Elevators 1,2		152
Platten Hall	8	Circulation	Stair 3		304
Platten Hall	8	Circulation	Stair 4		227
Platten Hall	8	Science, Upper School	Advanced Biology Lab	804	526
Platten Hall	8	Science, Upper School	Biology Lab	807	705
Platten Hall	8	Science, Upper School	Biology Prep Room	806	178
Platten Hall	8	Science, Upper School	Chemistry Lab	802	694
Platten Hall	8	Science, Upper School	Chemistry Prep	801	134
Platten Hall	8	Science, Upper School	Chemistry Storage	801A	79
Platten Hall	8	Science, Upper School	Physics Lab	808	577
Platten Hall	8	Science, Upper School	Physics Prep Room		28
Platten Hall	8	Science, Upper School	Project Room	805	316
Platten Hall	8	Science, Upper School	Science Dept. Office		385
Platten Hall	8	Science, Upper School	Closet 1 - Science Office		10

BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
Platten Hall	8	Science, Upper School	Storage - Science		40
Platten Hall	8	Service, Janitor	Janitor's Closet		23
Platten Hall	8	W.C.	Men's Toilet		103
Platten Hall	8	W.C.	Women's Toilet		44
Platten Hall	9	Circulation	Elevators 1,2		152
Platten Hall	9	Circulation	Stair 3		299
Platten Hall	9	Circulation	Stair 4		227
Platten Hall	9	Music	Instr. Music Room	906	774
Platten Hall	9	Music	Mixing Room	907	323
Platten Hall	9	Music	Music Office	902	157
Platten Hall	9	Music	Practice Room	905	126
Platten Hall	9	Music	Practice Room	904	109
Platten Hall	9	Music	Practice Room	903	107
Platten Hall	9	Music	Practice Room	907A	88
Platten Hall	9	Music	Practice Room	908	57
Platten Hall	9	Service, Janitor	Janitor's Closet		10
Platten Hall	9	Theater Arts	Drama Office	901	161
Platten Hall	9	Theater Arts	Drama Studio (Black Box)	910	1,492
Platten Hall	9	Theater Arts	Green Room	909	208
Platten Hall	9	Theater Arts	Lighting/Sound Booth	910A	88
Platten Hall	9	W.C.	Men's Toilet		138
Platten Hall	9	W.C.	Women's Toilet		50
Platten Hall	10	Art	Art Office	1003	208
Platten Hall	10	Art	Art Room	1002	1,235
Platten Hall	10	Art	Art Room	1004	1,262
Platten Hall	10	Art	Kiln		48
Platten Hall	10	Art	Photo Lab	1004B	179
Platten Hall	10	Art	Photo Lab Vestibule	1004A	19
Platten Hall	10	Circulation	Corridor 2		632
Platten Hall	10	Circulation	Elevators 1,2		151
Platten Hall	10	Circulation	Stair 3		287
Platten Hall	10	Circulation	Stair 4		227
Platten Hall	10	Music	Closet 1 - Music		10
Platten Hall	10	Music	Closet 2 - Music		18
Platten Hall	10	Music	Music Room	1001	1,030
Platten Hall	10	Service, Janitor	Janitor's Closet		22
Platten Hall	10	W.C.	Toilet		48
Platten Hall	11	Athletics	Closet 1		21
Platten Hall	11	Athletics	Closet 2		16
Platten Hall	11	Athletics	Closet 3		11
Platten Hall	11	Athletics	Closet 4		11
Platten Hall	11	Athletics	Closet 5		16
Platten Hall	11	Athletics	Closet 6		19
Platten Hall	11	Athletics	Closet 7		21
Platten Hall	11	Athletics	Fitness Room		789
Platten Hall	11	Athletics	Gymnasium		3,550
Platten Hall	11	Circulation	Corridor 2		196
Platten Hall	11	Circulation	Corridor 3		70
Platten Hall	11	Circulation	Elevators 1,2		144
Platten Hall	11	Circulation	Stair 3		299
Platten Hall	11	Circulation	Stair 4		235
West End Plaza, Infill	C1	Administration, Business	Archive Room - Business Office?		122
West End Plaza, Infill	C1	Administration, Development	Alumni Conference Room		226
West End Plaza, Infill	C1	Administration, Development	Alumni Development Office		626
West End Plaza, Infill	C1	Administration, Development	Closet 1 - Alumni Dev Office		4
West End Plaza, Infill	C1	Administration, Development	Parent's Association		261
West End Plaza, Infill	C1	Administration, Development	Closet 2 - Parents Assoc.		7
West End Plaza, Infill	C1	Administration, Development	Private Office - Development Dir		114
West End Plaza, Infill	C1	Administration, Development	Publications Office		40
West End Plaza, Infill	C1	Administration, Development	Storage 1 - Development		35
West End Plaza, Infill	C1	Administration, Development	Storage 2 - Parent Association		33
West End Plaza, Infill	C1	Circulation	Corridor 1		1,015
West End Plaza, Infill	C1	Circulation	Corridor 3		43
West End Plaza, Infill	C1	Circulation	Freight Elevator 2		72
West End Plaza, Infill	C1	Circulation	Stair 1		45
West End Plaza, Infill	C1	Dining/Food Services	Kitchen Storage		210
West End Plaza, Infill	C1	Dining/Food Services	Men's Staff Lockers		66
West End Plaza, Infill	C1	Dining/Food Services	Women's Staff Lockers		64
West End Plaza, Infill	C1	Mechanical	Electrical Room 1		166
West End Plaza, Infill	C1	Mechanical	Electrical Switch Room		256
West End Plaza, Infill	C1	Mechanical	Elevator Machine Room 1		284
West End Plaza, Infill	C1	Mechanical	Elevator Machine Room 2		55



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# EXISTING PROGRAM INDEX



BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
West End Plaza, Infill	4	Circulation	Corridor 2		234
West End Plaza, Infill	4	Circulation	Corridor 3		120
West End Plaza, Infill	4	Circulation	Elevator 3		35
West End Plaza, Infill	4	Circulation	Stair 1		147
West End Plaza, Infill	4	Mechanical	Electrical Closet		8
West End Plaza, Infill	4	Mechanical	Mechanical Room 1		100
West End Plaza, Infill	4	Mechanical	Telephone Closet		21
West End Plaza, Infill	4	Middle School	5th/6th Grade Deans Office	416	92
West End Plaza, Infill	4	Middle School	7th/8th Grade Deans Office		76
West End Plaza, Infill	4	Middle School	Classroom, 7th Grade	414	535
West End Plaza, Infill	4	Middle School	Classroom, 7th Grade	413	524
West End Plaza, Infill	4	Middle School	Classroom, 7th Grade	412	490
West End Plaza, Infill	4	Middle School	Closet 1 - 7th Grade Classroom		6
West End Plaza, Infill	4	Middle School	Closet 2 - MS Center		20
West End Plaza, Infill	4	Middle School	Middle School Center		773
West End Plaza, Infill	4	Middle School	Middle School Work Room		122
West End Plaza, Infill	4	Science, Middle School	Prep Room	415A	71
West End Plaza, Infill	4	Science, Middle School	Science Lab	415	712
West End Plaza, Infill	4	Service, Janitor	Janitor's Closet 1		8
West End Plaza, Infill	4	W.C.	Men's Toilet		132
West End Plaza, Infill	4	W.C.	Staff Toilet		40
West End Plaza, Infill	5	Circulation	Corridor 1		566
West End Plaza, Infill	5	Circulation	Corridor 3		174
West End Plaza, Infill	5	Circulation	Corridor 4		153
West End Plaza, Infill	5	Circulation	Elevator 3		35
West End Plaza, Infill	5	Circulation	Stair 1	149	149
West End Plaza, Infill	5	Mechanical	Electrical Closet		5
West End Plaza, Infill	5	Mechanical	Mechanical Room 1		104
West End Plaza, Infill	5	Mechanical	Telephone Closet		21
West End Plaza, Infill	5	Middle School	Classroom, 8th Grade	514	540
West End Plaza, Infill	5	Middle School	Classroom, 8th Grade	513	533
West End Plaza, Infill	5	Middle School	Classroom, 8th Grade	512	504
West End Plaza, Infill	5	Middle School	Faculty Office - Psychologist	516	93
West End Plaza, Infill	5	Middle School	Middle School Center Upper		351
West End Plaza, Infill	5	Middle School	Middle School Head		147
West End Plaza, Infill	5	Middle School	Middle School Office		152
West End Plaza, Infill	5	Middle School	Storage 1		20
West End Plaza, Infill	5	Science, Middle School	Prep Room	515A	73
West End Plaza, Infill	5	Science, Middle School	Science Lab	515	711
West End Plaza, Infill	5	Service, Janitor	Janitor's Closet 1		8
West End Plaza, Infill	5	W.C.	Men's Toilet		131
West End Plaza, Infill	5	W.C.	Staff Toilet		40
West End Plaza, Infill	6	Circulation	Corridor 1		697
West End Plaza, Infill	6	Circulation	Corridor 3		171
West End Plaza, Infill	6	Circulation	Elevator 3		35
West End Plaza, Infill	6	Circulation	Stair 1		146
West End Plaza, Infill	6	Lower School	After School Program Office	616	90
West End Plaza, Infill	6	Lower School	Classroom, 4th Grade	613	559
West End Plaza, Infill	6	Lower School	Classroom, 4th Grade	612	501
West End Plaza, Infill	6	Lower School	Lower School Center		550
West End Plaza, Infill	6	Lower School	Lower School Faculty Workroom		110
West End Plaza, Infill	6	Lower School	Lower School Head Office		155
West End Plaza, Infill	6	Lower School	Lower School Office		145
West End Plaza, Infill	6	Lower School	Psychologist Office	634	97
West End Plaza, Infill	6	Lower School	Reading Room 1	614	123
West End Plaza, Infill	6	Lower School	Reading Room 2	624	113
West End Plaza, Infill	6	Lower School	Storage 1		21
West End Plaza, Infill	6	Mechanical	Electrical Closet		10
West End Plaza, Infill	6	Mechanical	Mechanical Room 1		95
West End Plaza, Infill	6	Mechanical	Telephone Closet		21
West End Plaza, Infill	6	Science, Lower School	Prep Room	615A	70
West End Plaza, Infill	6	Science, Lower School	Science Room	615	694
West End Plaza, Infill	6	Technology, Lower School	Lower School Computer Lab	611	203
West End Plaza, Infill	6	W.C.	Men's Toilet		140
West End Plaza, Infill	6	W.C.	Staff Toilet		40

BUILDING	FLOOR	CATEGORY	ROOM NAME	ROOM #	AREA (NSF)
West End Plaza, Infill	C1	Mechanical	Mechanical Room 1		275
West End Plaza, Infill	C1	Mechanical	Mechanical Room 2		50
West End Plaza, Infill	C1	Mechanical	Water Pump		52
West End Plaza, Infill	C1	Mechanical	Water Room		199
West End Plaza, Infill	C1	Service	Maintenance Shop		445
West End Plaza, Infill	1	Administration	Closet 7 - General Reception		17
West End Plaza, Infill	1	Administration	Closet 8 - Coat Closet		16
West End Plaza, Infill	1	Administration	Conference Room		334
West End Plaza, Infill	1	Administration	General Reception		693
West End Plaza, Infill	1	Administration	Kitchenette - Conference Room		16
West End Plaza, Infill	1	Administration	Mailroom		178
West End Plaza, Infill	1	Administration, Admissions	Admission		227
West End Plaza, Infill	1	Administration, Admissions	Admission's Officer Office		10
West End Plaza, Infill	1	Administration, Admissions	Closet 2 - Admissions		10
West End Plaza, Infill	1	Administration, Admissions	Closet 3 - Admissions		33
West End Plaza, Infill	1	Administration, Admissions	Director of Admission		167
West End Plaza, Infill	1	Administration, Business	Business Office 1 - HR		83
West End Plaza, Infill	1	Administration, Business	Business Office 2 - CFO		130
West End Plaza, Infill	1	Administration, Business	Business Office 3 - Controller		85
West End Plaza, Infill	1	Administration, Business	Business Office 4 - Payroll		186
West End Plaza, Infill	1	Administration, Business	Business Office Reception		205
West End Plaza, Infill	1	Administration, Business	Closet 1 - Business Office		29
West End Plaza, Infill	1	Administration, Business	Storage 1 - Business Office		33
West End Plaza, Infill	1	Administration, Headmaster	Closet 4 - Headmaster		11
West End Plaza, Infill	1	Administration, Headmaster	Closet 5 - Headmaster		12
West End Plaza, Infill	1	Administration, Headmaster	Closet 6 - Headmaster		5
West End Plaza, Infill	1	Administration, Headmaster	Headmaster's Assistant		181
West End Plaza, Infill	1	Administration, Headmaster	Headmaster's Office		267
West End Plaza, Infill	1	Circulation	Corridor 2		78
West End Plaza, Infill	1	Circulation	Corridor 3		102
West End Plaza, Infill	1	Circulation	Elevator 3		35
West End Plaza, Infill	1	Circulation	Freight Elevator 2		72
West End Plaza, Infill	1	Circulation	Stair 1		155
West End Plaza, Infill	1	Circulation	Vestibule and Stair		118
West End Plaza, Infill	1	Mechanical	Mechanical Room 1		124
West End Plaza, Infill	1	Service	Service Entry		249
West End Plaza, Infill	1	Service	Storage 2 - Deliveries		21
West End Plaza, Infill	1	W.C.	Men's Toilet		40
West End Plaza, Infill	1	W.C.	Private Toilet		81
West End Plaza, Infill	1	W.C.	Women's Toilet		73
West End Plaza, Infill	2	Circulation	Elevator 3		35
West End Plaza, Infill	2	Circulation	Freight Elevator 2		72
West End Plaza, Infill	2	Circulation	Stair 1		130
West End Plaza, Infill	2	Circulation	Stair 2A, Corridor 1		288
West End Plaza, Infill	2	Dining/Food Services	Dining Area		2,778
West End Plaza, Infill	2	Dining/Food Services	Kitchen		1,416
West End Plaza, Infill	2	Dining/Food Services	Kitchen Office		39
West End Plaza, Infill	2	Dining/Food Services	Kitchen Storage 1		16
West End Plaza, Infill	2	Dining/Food Services	Service Room - Kitchen Storage		88
West End Plaza, Infill	2	Mechanical	Telephone Closet		34
West End Plaza, Infill	2	Service, Janitor	Janitor's Closet		7
West End Plaza, Infill	2	W.C.	Staff Toilet - Kitchen Food Service		37
West End Plaza, Infill	3	Circulation	Corridor 1		753
West End Plaza, Infill	3	Circulation	Elevator 3		35
West End Plaza, Infill	3	Circulation	Freight Elevator 2		69
West End Plaza, Infill	3	Circulation	Stair 1		139
West End Plaza, Infill	3	Dining/Food Services	Dry Storage		255
West End Plaza, Infill	3	Dining/Food Services	Lower School Dining		805
West End Plaza, Infill	3	Dining/Food Services	Storage 3 - LS Dining Room		21
West End Plaza, Infill	3	Lower School	Kindergarten Activity Room	314	505
West End Plaza, Infill	3	Lower School	Classroom, Kindergarten	315	681
West End Plaza, Infill	3	Lower School	Classroom, Kindergarten	318	660
West End Plaza, Infill	3	Lower School	Curriculum Coordinator	312	144
West End Plaza, Infill	3	Lower School	Kindergarten Office	316	128
West End Plaza, Infill	3	Lower School	Storage 1		45
West End Plaza, Infill	3	Lower School	Storage 2		66
West End Plaza, Infill	3	Mechanical	Electrical Closet		8
West End Plaza, Infill	3	Mechanical	Mechanical Room		133
West End Plaza, Infill	3	Service, Janitor	Janitor's Closet 1		8
West End Plaza, Infill	3	W.C.	Men's Toilet		153
West End Plaza, Infill	3	W.C.	Staff Toilet		51
West End Plaza, Infill	4	Circulation	Corridor 1		566

3- APPENDIX



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**EXISTING PROGRAM INDEX**



FACULTY WORKSHOP ANALYSIS

Faculty participated in programming workshops, during which they worked collaboratively to develop different approaches to organizing the future building. A major concern involves the consequences of long "commute times" due to the distance of the 77th Street Church Building to the upper floors of West End Plaza and Platten Hall. If the future building is a vertical campus, adjacencies need to be considered to avoid replicating the commute time problem.

Workshops were organized by Division. Each workshop was subdivided into four teams of 8 to 10 people. Teams organized program in a theoretical 14 story building, considering horizontal adjacencies (what program works best together on the same floor) and vertical adjacencies (what program works best near each other with minimal stair/elevator travel). They were not to be restricted by the configuration of the existing buildings. Rather, they were asked to think of ideal relationships that would convey the culture of Collegiate School and enhance how teaching and learning would best be accomplished in the future building.

Color-coded blocks were provided for major program groupings (i.e. orange for Lower School Division), with blocks labeled as smaller components within that grouping (i.e. kindergarten, 1st grade, etc.). Teams could add program that they felt was missing but would benefit the curriculum.

The 12 solutions were analyzed, looking for patterns and anomalies, and resulted in a series of interpretations and questions. The information from these workshops will form the basis for adjacency diagrams that will be developed during conceptual design.

78 out of 124 faculty attended at least one workshop (61% of all faculty or 70% of faculty returning next year). 6 faculty members attended 2 workshops. Refer to the appendix for minutes documenting discussions from each team.

SUMMARY OF KEY FINDINGS

Divisional Autonomy: Collaboration and "one school K-12" define Collegiate School, but it seemed important to most teams to maintain physical autonomy for each of the Division. Collaboration and interaction can occur informally or during structured times, but for the most part the boys are different developmentally at different ages, and the spaces for each Division should work for specifically for those needs. As boys grow, it is important for them to feel they are truly moving up, so maintaining the mystery and uniqueness of each Division is important so the boys have something to look forward to.

Public face of Collegiate (what's on first and what's on top): For proximity to the first floor entry, teams chose spaces that should be accessible to visitors (i.e. Administration offices), that are used by large groups of people (i.e. auditorium, black box theater, gymnasium, music performance, art gallery), and that show the life of the school at its best (i.e. library).

Circulation and "commute times": To reduce commute times and make passing periods more efficient, teams identified spaces that would work well between Divisions because they are shared spaces (i.e. dining, library, gymnasium, music, art, theater). The general approach seemed to try and limit travel time for LS and MS, and allow the US to travel the furthest so they have the largest "world" to navigate. One team came up with the concept of a sky lobby, which will be investigated during conceptual design. If a sky lobby is used, it is still important to create a sense of procession on the first (and maybe onto the second) floor prior to getting on an express elevator to avoid removing the life away from the front door of the school.

Teams had different proposals for locations, configurations and adjacencies of specific program pieces based on whether they felt it should be located by Division, by Department, or combined for maximum sharing. See the pages of specific program for detailed information.

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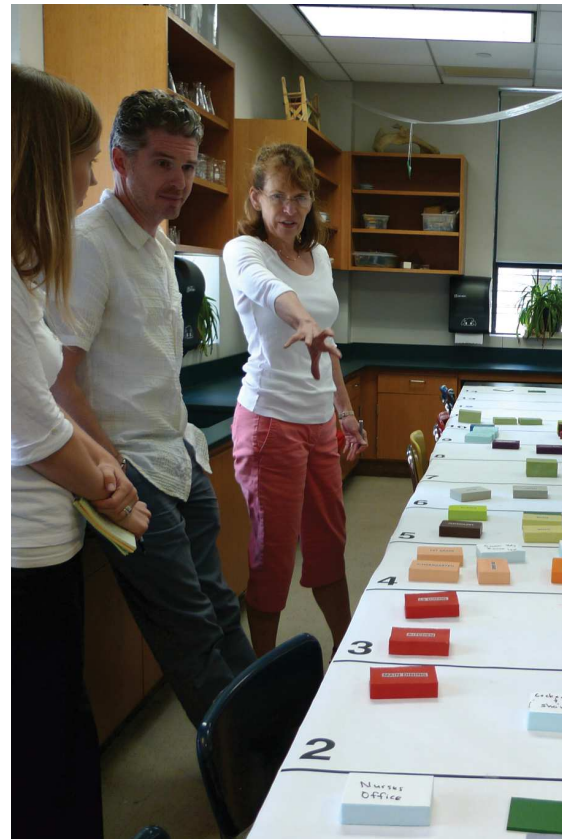
## FACULTY WORKSHOP GOALS

1. Architectural Programming involves the research and discussions that determine the scope of work to be designed. Before floor plans can be drawn and the building designed, Programming identifies the spaces that will go in the building, and examines the interrelationships of those individual elements.
2. Three levels of scale in Programming:
  - a. **Global (Big picture)**  
Identify the groups that make up the Collegiate School community.  
These are the Divisions, Departments, Administration, and the shared facilities that allow the school to operate (i.e. Food Services, Outdoor Space).  
Determine the best organization of these groups within an overall building.
  - b. **Regional**  
Identify the smaller components that make up each group. For example, the individual grades are the components of a Division.  
Determine the best organization of these components.
  - c. **Local**  
List the individual spaces that are needed.  
Determine quantity and sizes of those spaces.
3. Faculty were asked to explore the Global and Regional levels in small group work sessions of approximately 8 people. Each small group came up with an approach to organizing the program pieces in a theoretical building. The faculty were asked not to feel restricted by the current configuration and arrangement of the existing buildings. Instead, the goal was to identify ideal relationships that effectively convey the culture of Collegiate School as a whole as well as enhance how teaching and learning can be done in the building.

## FACULTY PARTICIPATION

Number of faculty that attended 1 workshop:  
78 (61% of all faculty, 70% of faculty returning next year)

Number of faculty that attended 2 workshops:  
6 (4.7% of all faculty, 5.4% of faculty returning next year)



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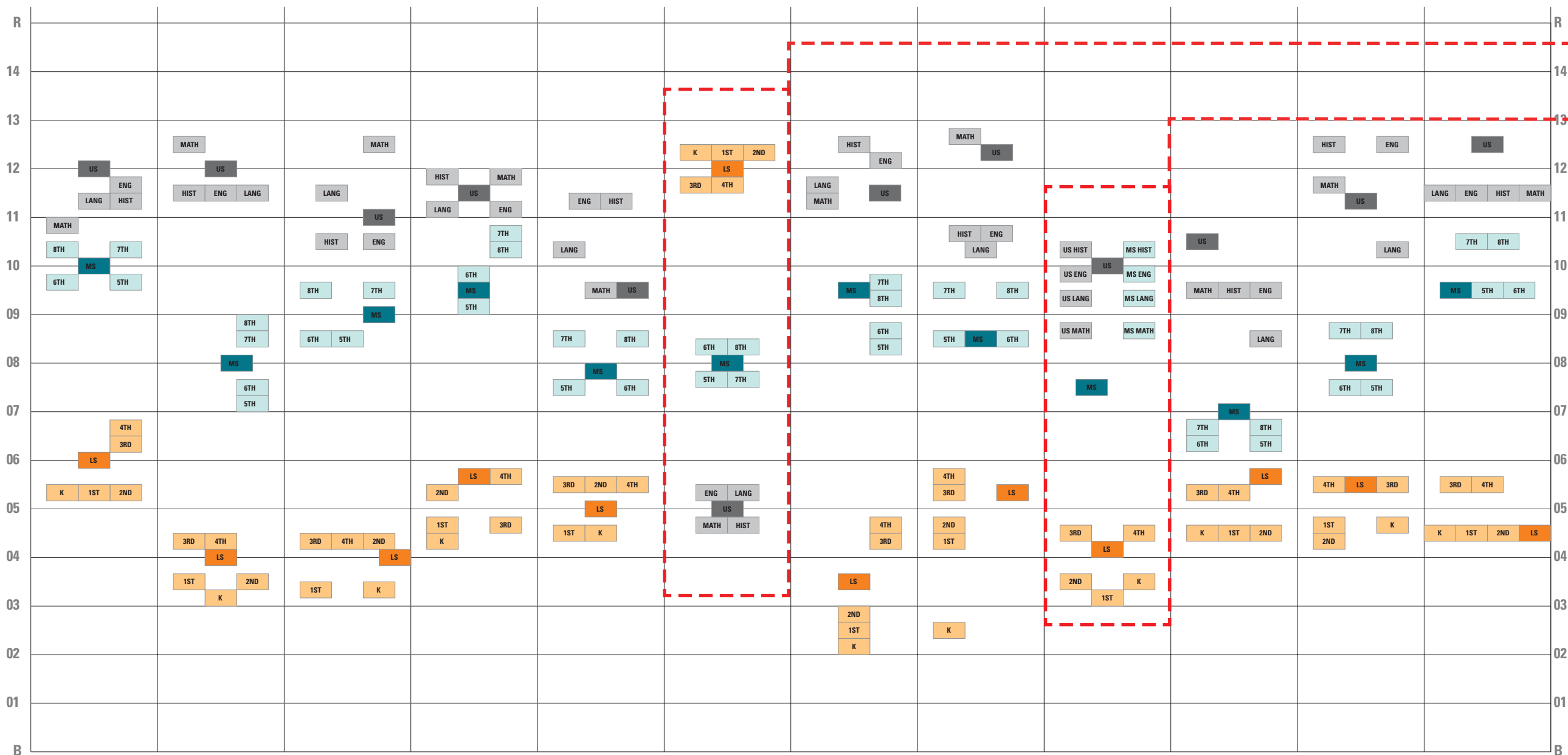
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FACULTY WORKSHOP ANALYSIS

# SUMMARY OF APPROACHES

LS-1 LS-2 LS-3 LS-4 MS-1 MS-2 MS-3 MS-4 US-1 US-2 US-3 US-4



**KEY FINDINGS**

**LOCATION OF DIVISIONS**

Typical: LS, MS, and US on separate floors. LS located near bottom of the building (11/12)

- LS, MS, and US on separate floors. LS located near top of the building (1/12)
- MS and US organized by department. Distinct MS and US on those floors separated by the elevator/stair and student centers. (1/12)

**RESULTING QUESTIONS**

Which model is best?

What works better pedagogically – MS and US organized by Division or Department?



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FACULTY WORKSHOP ANALYSIS

B3

**DIVISIONAL AUTONOMY VS. BLENDING**

- LOWER SCHOOL
- MIDDLE SCHOOL
- UPPER SCHOOL

**KEY FINDINGS**

**SPACES NEXT TO THE LOBBY ON FIRST FLOOR**

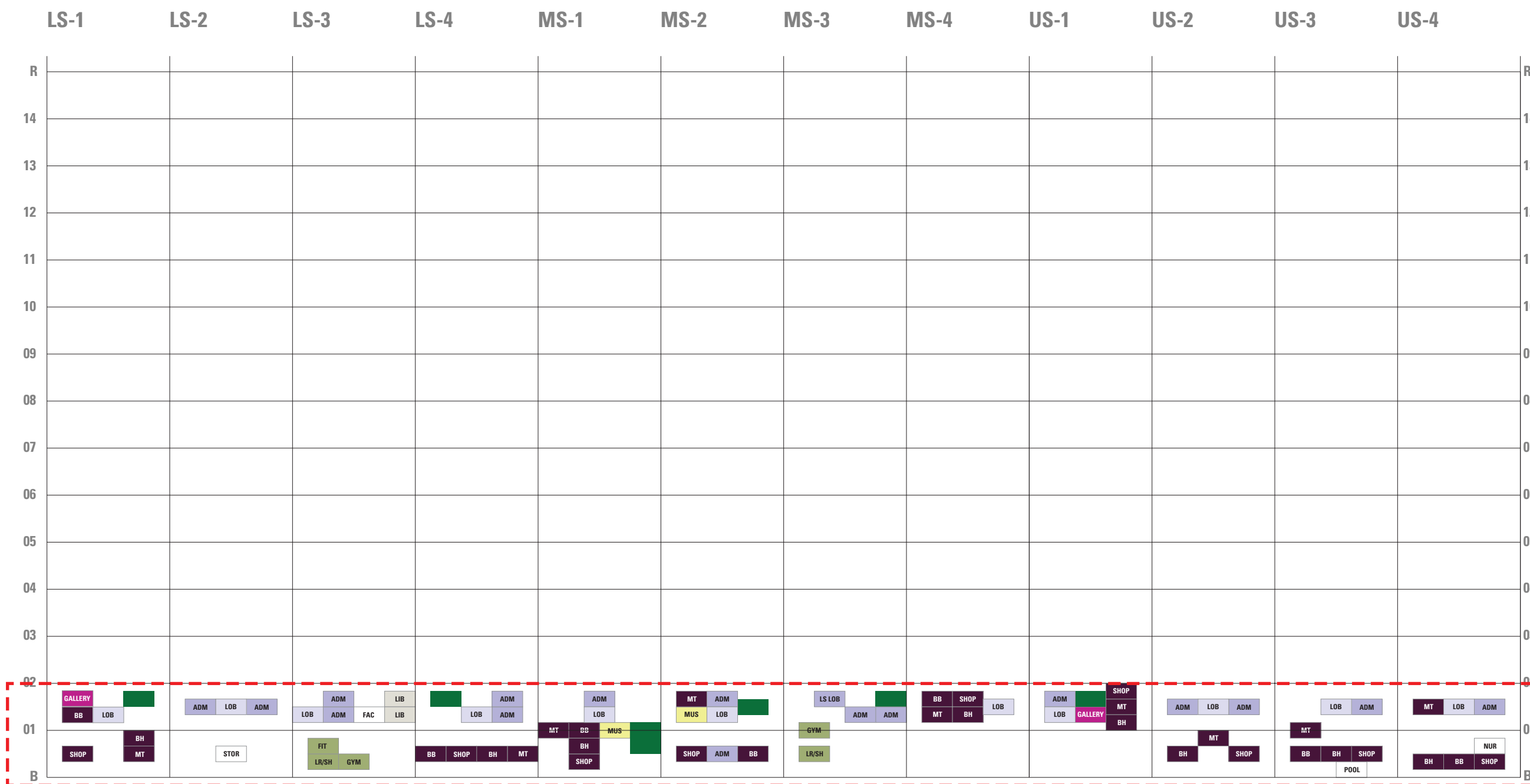
- Administrative Offices (10/12)
- Main Theater/Auditorium (9/12)
- Black Box Theater (7/12)
- Outdoor Space (6/12)
- Gymnasium (2/12)
- Art Gallery (2/12)
- Music Performance Space (2 of 12)
- Library (1/12)
- Faculty Office (1/12)

**RESULTING QUESTIONS**

What is the most logical 1st floor program, considering entry/exit of large numbers of people and ability to secure the rest of the building during an evening event?

Many people have stated that the Library shows the life of the school at its best. Should it be highlighted on the 1st floor, or will this make it feel like a fishbowl and jeopardize its role as a place that all boys want to be?

Some have commented that the Music and Arts program feels marginalized and isolated from the rest of the school. Can the inclusion of an Art Gallery and Music Performance Space change this for the better?



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FACULTY WORKSHOP ANALYSIS

**PUBLIC FACE OF COLLEGIATE**

- ART
- MUSIC
- ATHLETICS
- THEATER
- OUTDOOR
- LIBRARY
- ADMIN/LOBBY



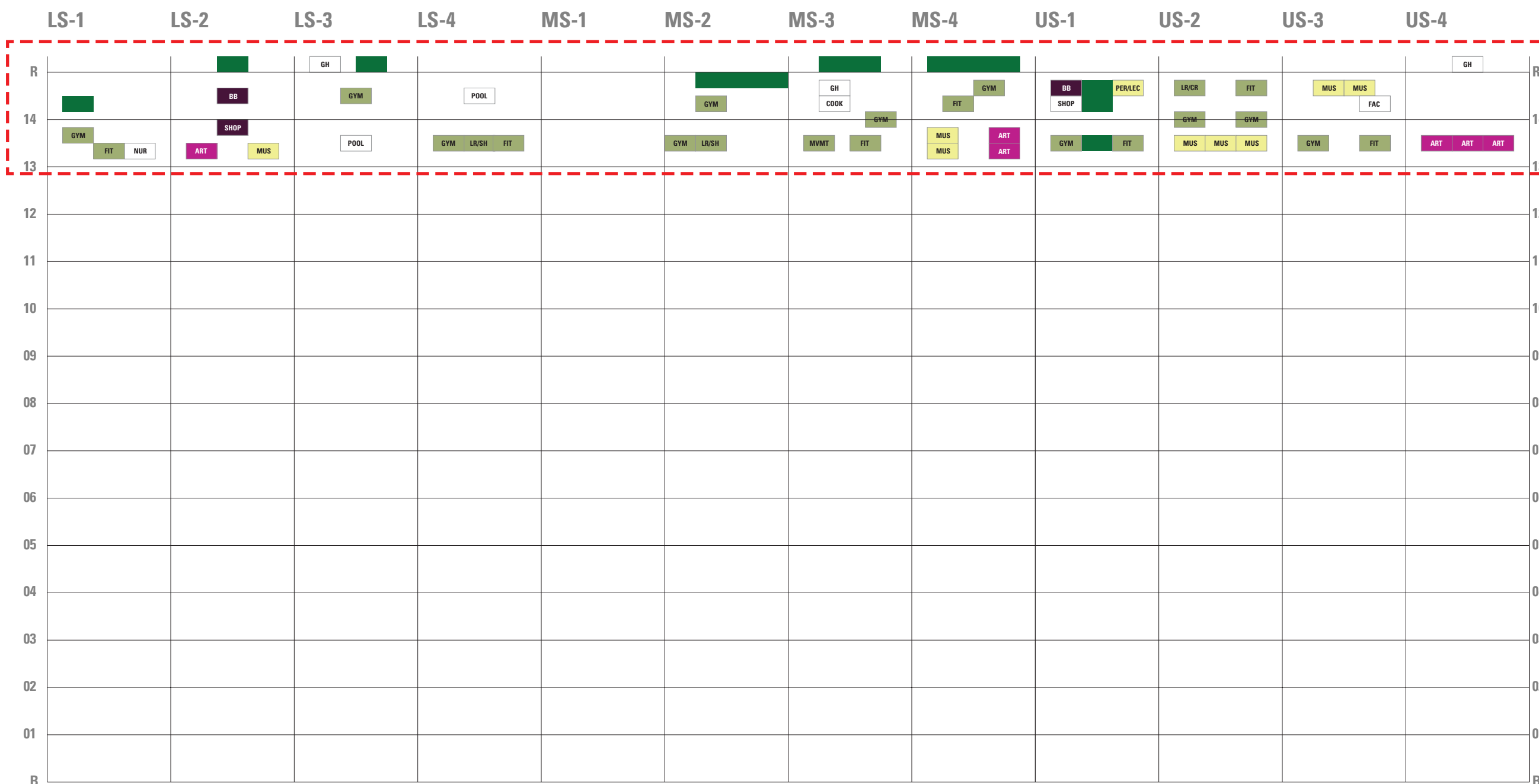
**KEY FINDINGS**

**SPACES AT THE TOP OF THE BUILDING**

- Gymnasium/Fitness/Pool (9/12)
- Outdoor Recreation Area (8/12)
- Black Box Theater (3/12)  
With garage door for outdoor performances
- Music Performance Space (3/12)
- Greenhouse (3/12)  
With Science Research or Cooking Classroom

**RESULTING QUESTIONS**

- Should the roof area allow for a public function (with the resulting consequences of egress stairs)?
- If so, what is the best public function?
- Comment on the suggested added program – Greenhouse, Science Research Lab, Cooking Classroom, Music Performance Space.



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FACULTY WORKSHOP ANALYSIS

B5

**THE TOP PUBLIC OR PRIVATE**

THEATER  
 MUSIC  
 ATHLETICS  
 OUTDOOR  
 OTHER



**KEY FINDINGS**

**SHARED SPACES ON FLOORS BETWEEN DIVISIONS FACILITATE SHARING AND REDUCE COMMUTE TIMES**

- Dining Room Between LS & MS (4/12)
- Library Between LS & MS (6/12)
- Library Between MS & US (5/12)
- Gym between LS & MS (4/12)
- Gym Between MS and US (1/12)
- Music Between LS & MS (3/12)
- Music Between MS & US (2/12)
- Art Between LS & MS (2/12)
- Art Between MS & US (2/12)
- Main Theater and Black Box Theater Between LS and MS (3/12)
- Sky Lobby on 7th Floor between LS & MS (1/12)

**RESULTING QUESTIONS**

The general approach seems to try and limit travel time for LS and MS, and allow the US to travel the furthest (so they have the largest "world" to navigate). If this is an appropriate solution, then what spaces make the most sense for the transition floors?

Music and Art are departments in which the scale of the room and equipment is specific for LS, and as a result many faculty suggested dedicated LS rooms. To address the issue of commute times for the faculty, does it make sense for Music and Art to be consolidated for all Divisions on transition floors, but be located between LS and MS?

Comment on the sky lobby concept.



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FACULTY WORKSHOP ANALYSIS

**CIRCULATION & "COMMUTE TIMES"**

- ART
- MUSIC
- DINING
- THEATER
- ATHLETICS
- LIBRARY
- SKY LOBBY

**KEY FINDINGS**

**SHARED VS. DEDICATED**

Typical: Centralized in one shared location for all divisions. (9/12)

Hybrid: MS and US Library located between Division, dedicated LS Library on LS floors. (2/12)

Hybrid: LS and MS Library located between Divisions, dedicated US Library on US floors. (1/12)

**ADJACENCY**

Between LS and MS floors (6/12)

Between MS and US floors (5/12)

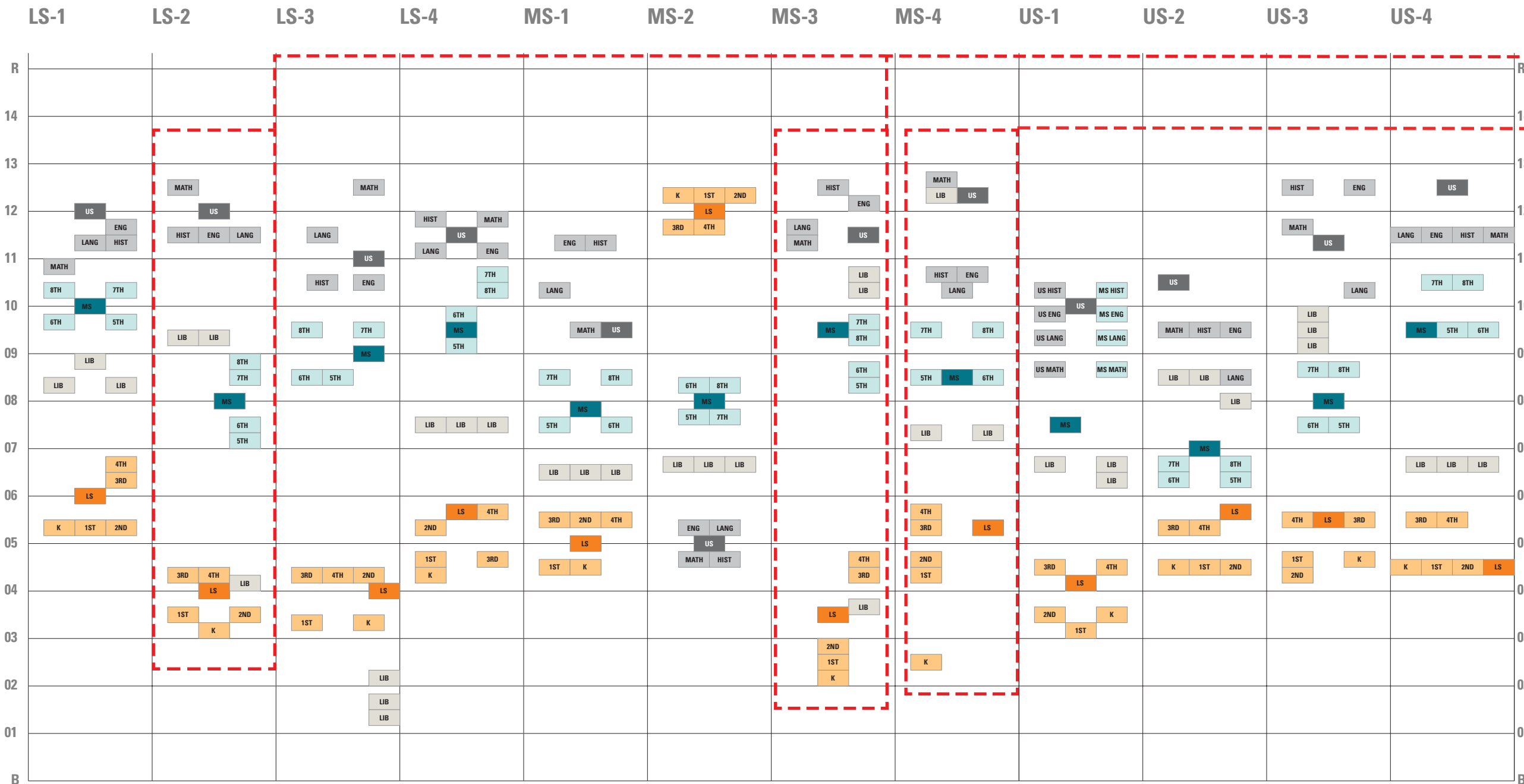
Located on 1st Floor (1/12)

**RESULTING QUESTIONS**

Some have commented that the Library is heavily used by LS and US, but not as much by MS boys. Possible reasons given are:

1. MS boys study in the MS center.
2. US boys use the library as a student center
3. Since there is no identifiable library area for MS boys, they feel intimidated sharing tables with US boys.

Should the Library be one space with designated areas for each Division?



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FACULTY WORKSHOP ANALYSIS

**LIBRARY**

- B7
- LOWER SCHOOL
  - MIDDLE SCHOOL
  - UPPER SCHOOL
  - LIBRARY

**KEY FINDINGS**

**DIVISION VS DEPARTMENT**

Typical: Separate and locate Computer Labs by Division (11/12)

Hybrid: MS and US Computer Labs by Department, LS Computer Labs by Division (1/12)

**ADJACENCY**

Computer Labs adjacent to student centers (10/12)

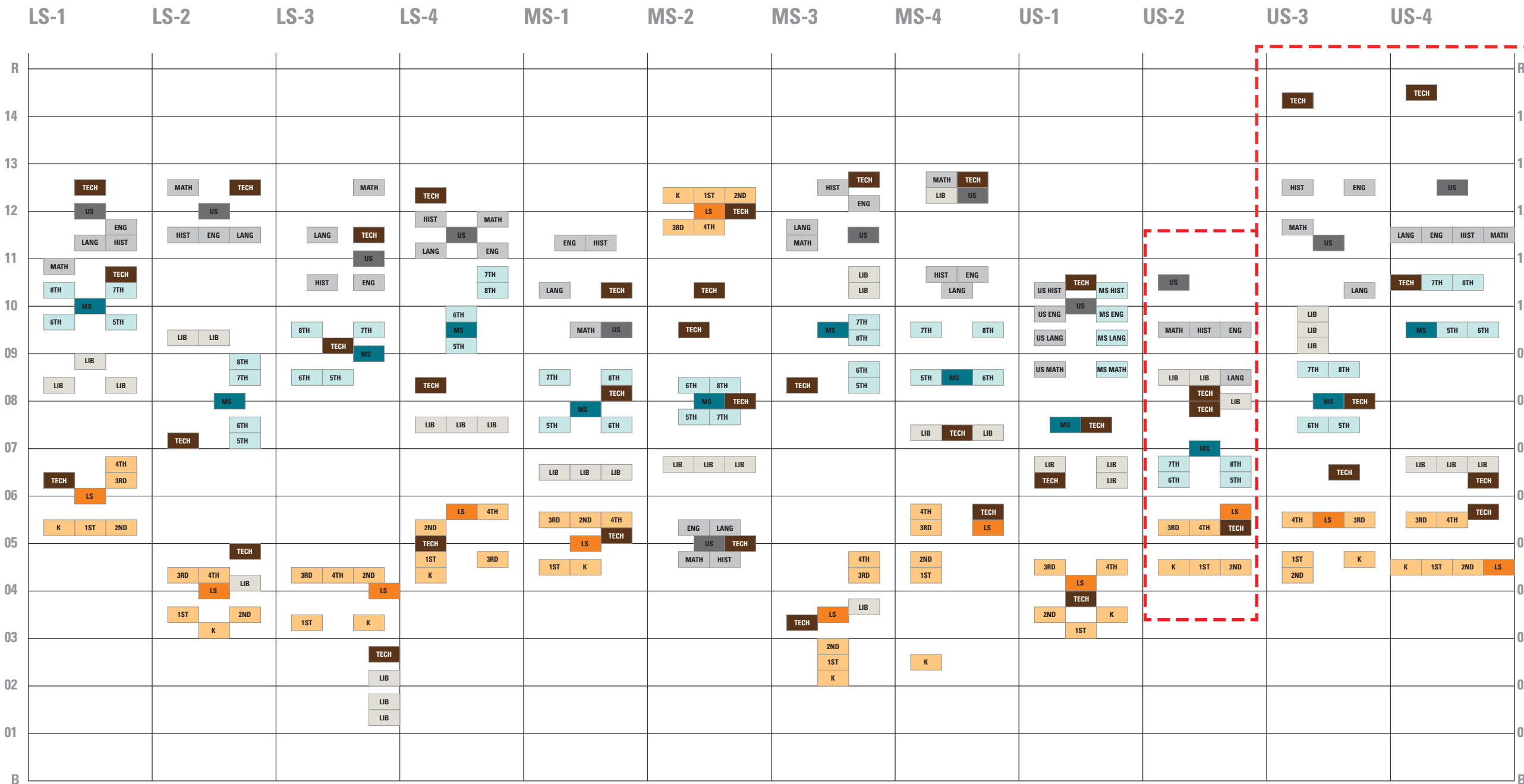
Computer Labs adjacent to Library (6/12)

**RESULTING QUESTIONS**

There appears to be general agreement on Division-specific computer labs in close proximity to the student centers, and on a computer lab as part of the Library. Please confirm.

What is the future of the computer lab? should computers be located in the classroom to integrate with teaching? Will collegiate become a laptop or iPad school?

How are computer lab needs different for each division?





**KEY FINDINGS**

**LOCATION OF GYMS**

Distribute gyms at bottom, middle, and top of building for "dedicated" space by division (6/12)

○ Anchor top and bottom of building with gyms. Locate lockers/showers near bottom and fitness center at top (5/12)

○ Consolidate all gyms near bottom of building to facilitate sharing of lockers/showers. (1/12)

**PROPOSED ADDITIONS**

Movement Center for martial arts, dance, yoga (1/12)

Locker and Changing rooms at one gym, lockers/changing/showers at the other gym (2/12)

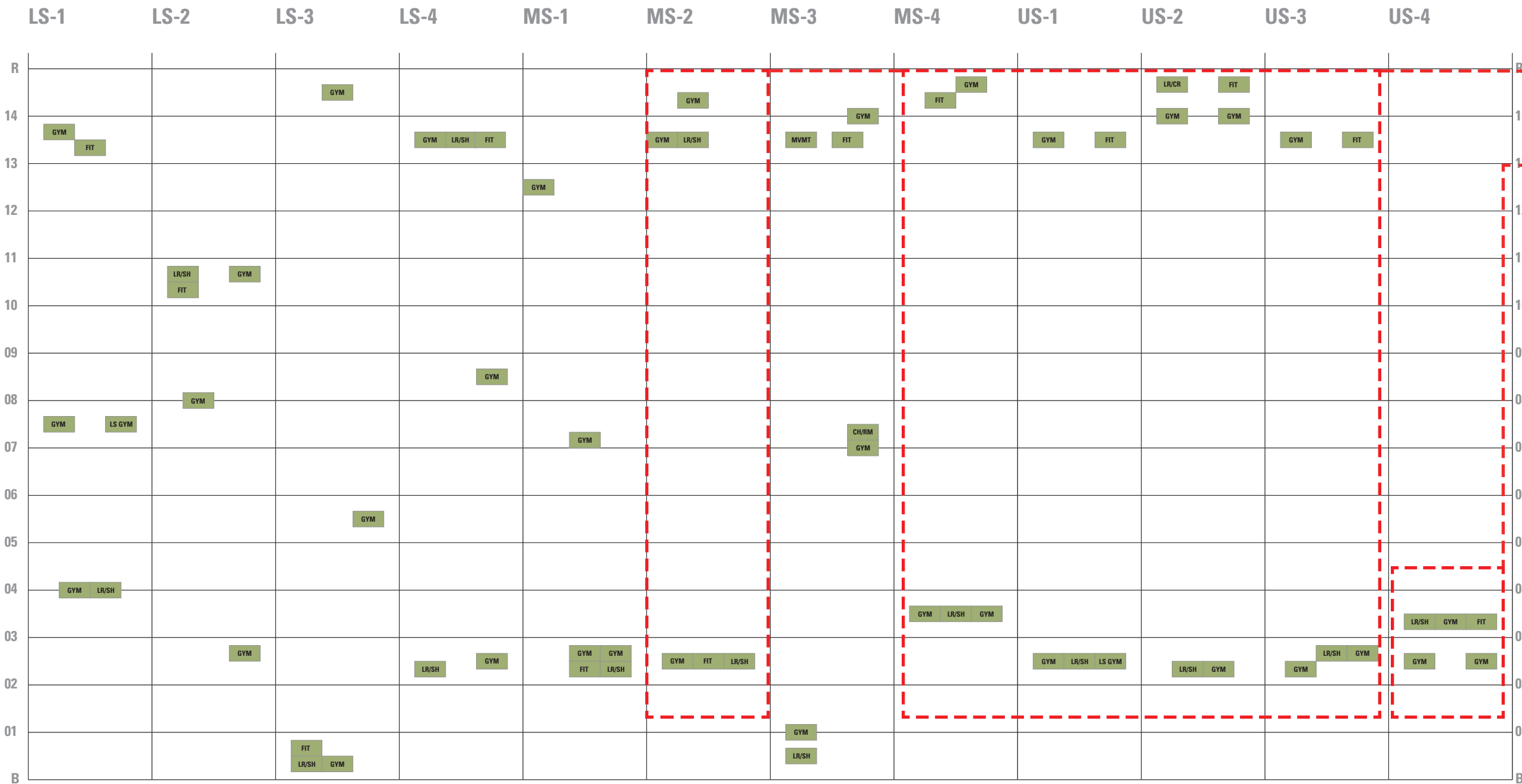
**RESULTING QUESTIONS**

How can the curriculum/course offerings adjust to allow for smaller spaces to work effectively for P.E. without having 3 gyms?

Could two different classes share a gym with a partition in the middle, if the sport was modified to, for example, volleyball on a half court instead of kickball on a full court?

Would a movement room for martial arts, yoga, dance, wrestling alleviate the need for a third gym?

Where else can a reception or event take place to alleviate the need for a third gym (i.e. music performance space, art gallery)?



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**KEY FINDINGS**

**CONSOLIDATED VS. SEPARATE**

Consolidated: Main and LS Dining Room on same floor with Kitchen, although LS is a distinct space (9/12)

○ Separate: Main and LS Dining room on different floors. Kitchen on Main Dining Room floor and LS Dining Room on LS floors (3/12)

**ADJACENCY**

Locate near bottom of building i.e. 2nd or 3rd floor (8/12)

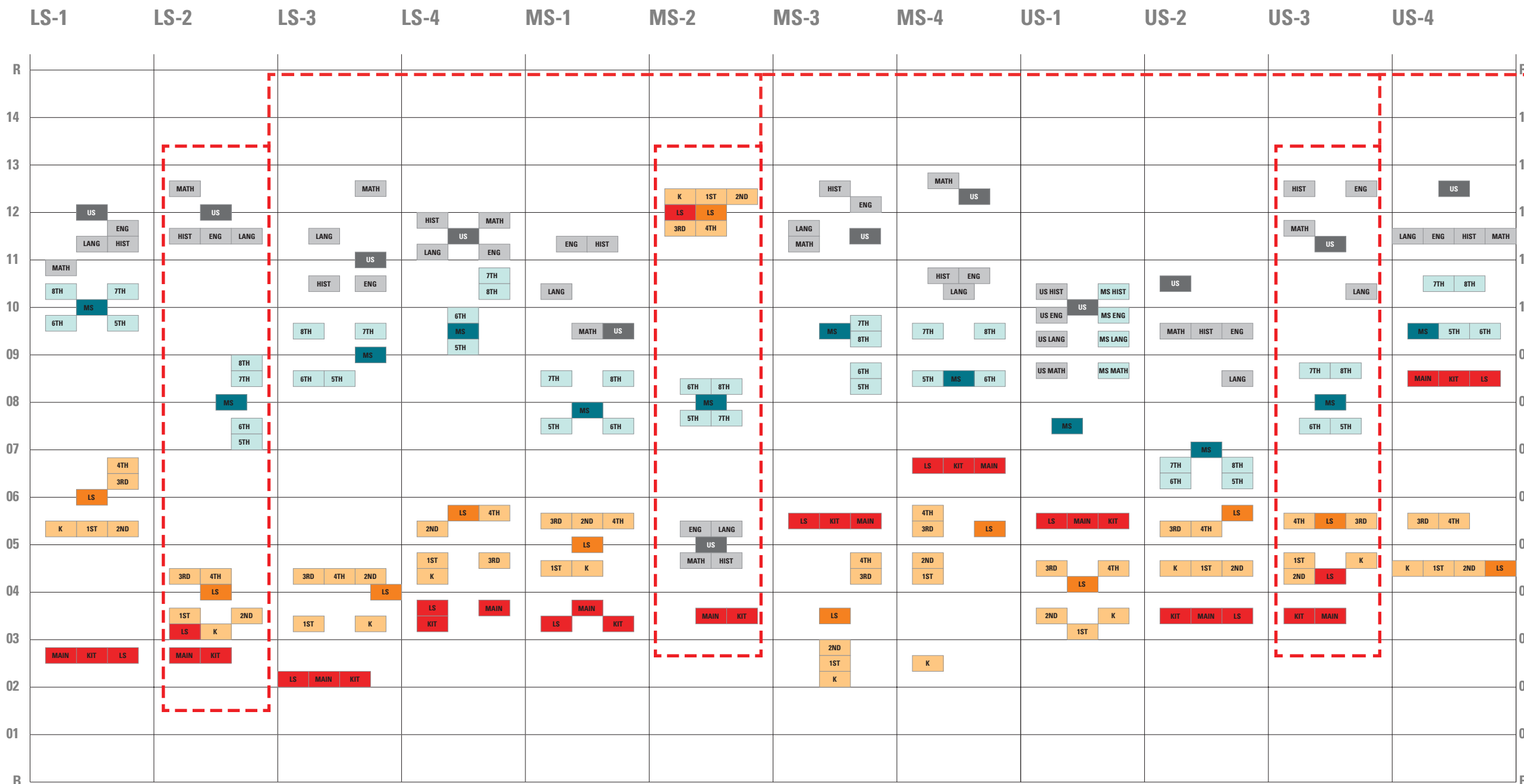
Locate between LS and MS floors to reduce some travel time (4/12)

**RESULTING QUESTIONS**

It seems the Main and LS Dining Rooms should be on the same floor to facilitate operations for the Kitchen staff and deliveries, as long as the LS Dining Room has a designed area. Please confirm.

Should the Dining Rooms be near the bottom of the building (i.e. 2nd floor) or on a transition floor between LS and MS Divisions?

One team located the Dining Room in close proximity to the US since it is used often by the boys for breakfast, free time, etc. How critical is this close proximity?



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**DINING ROOM**

- LOWER SCHOOL
- MIDDLE SCHOOL
- UPPER SCHOOL

DINING

**KEY FINDINGS**

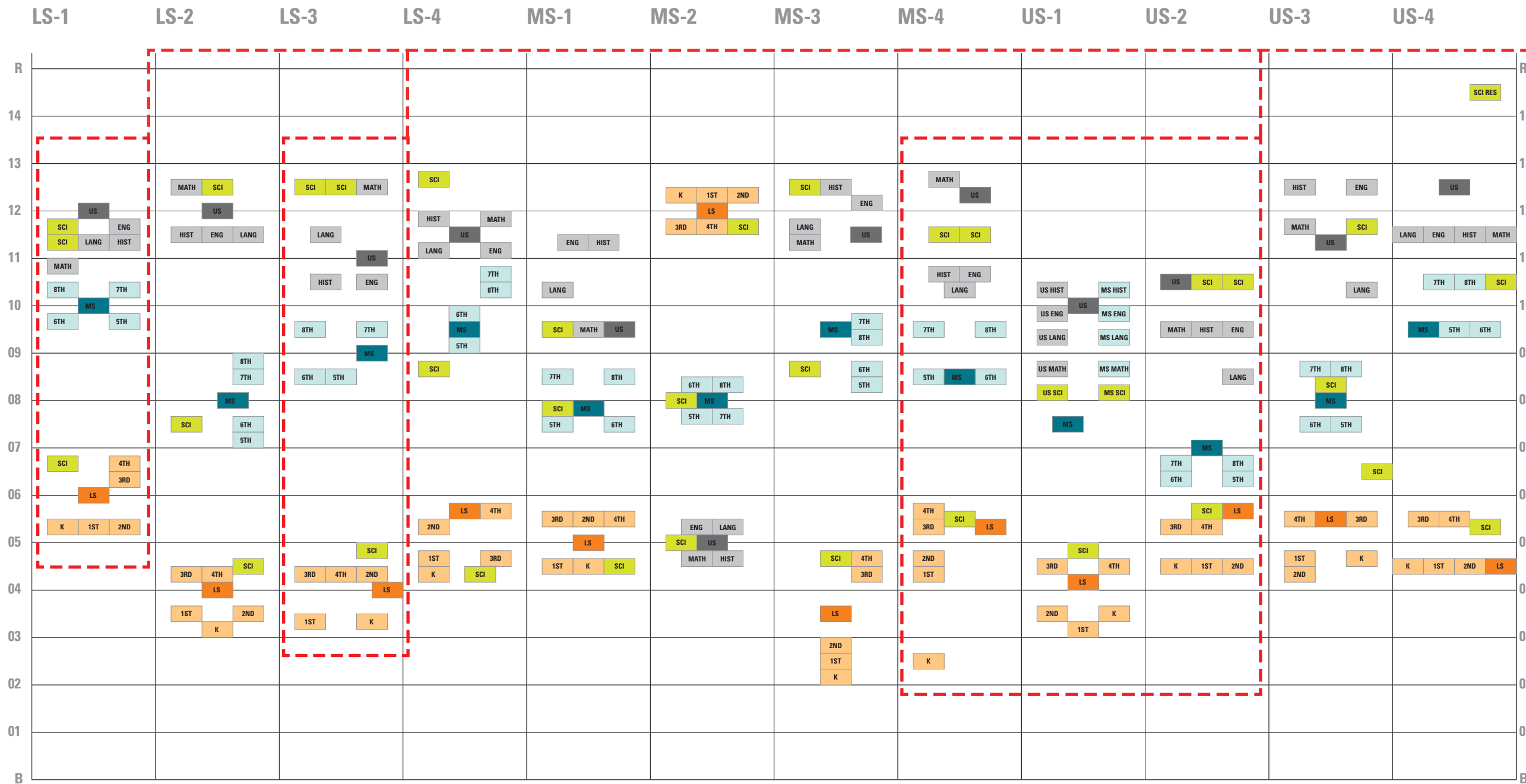
**DIVISION VS DEPARTMENT**

Separate and locate Science Labs by Division (7/12)

Hybrid: MS and US Science Labs by Department, LS Science by Division (5/12)

**RESULTING QUESTIONS**

Faculty is evenly split on this issue. What is preferred?



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FACULTY WORKSHOP ANALYSIS

**SCIENCE**

- LOWER SCHOOL
- MIDDLE SCHOOL
- UPPER SCHOOL
- SCIENCE

## KEY FINDINGS

### DIVISION VS DEPARTMENT

Hybrid: MS and US Art Studios by Department, LS Art Room by Division (5/12).

○ Centralized: Art Studios in one shared location by Department (4/12)

○ Split: Separate and locate Art Studios by Division (3/12)

### ADJACENCY TO OTHER SPECIALTY SPACES

Pair with Music on same floor (5/12)

Locate near but on a different floor than Music (4/12)

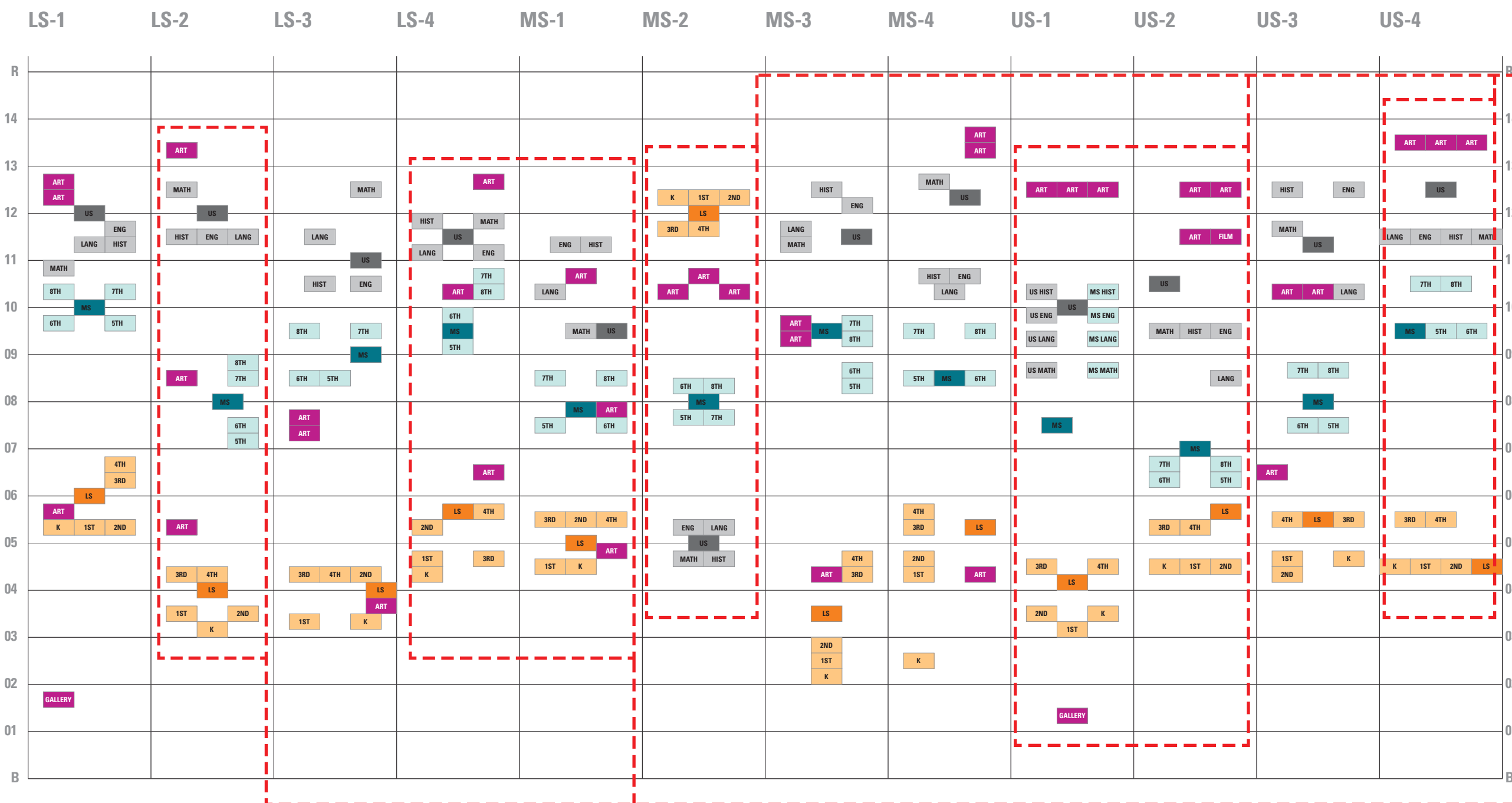
### RESULTING QUESTIONS

Art faculty have commented on the difficulty of LS Art Rooms in a remote location from the MS and US Art Studios.

Should Art be on one floor as long as there is a separate Art Room for the LS?

Should the Art floor be on a transition floor between the LS and MS?

Comment on the suggested addition of an Art Gallery for both student and visiting artist work.



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## FACULTY WORKSHOP ANALYSIS

# ART

- B12
- LOWER SCHOOL
  - MIDDLE SCHOOL
  - UPPER SCHOOL
  - ART



**KEY FINDINGS**

**DRAMA AS A PUBLIC EVENT VS. INTERNAL EDUCATIONAL PROCESS**

Consolidated/Public: Locate Main Theater/Auditorium and Black Box Theater on first floor both to facilitate shared back of house spaces, as well as act as a public face of the school (7/12)

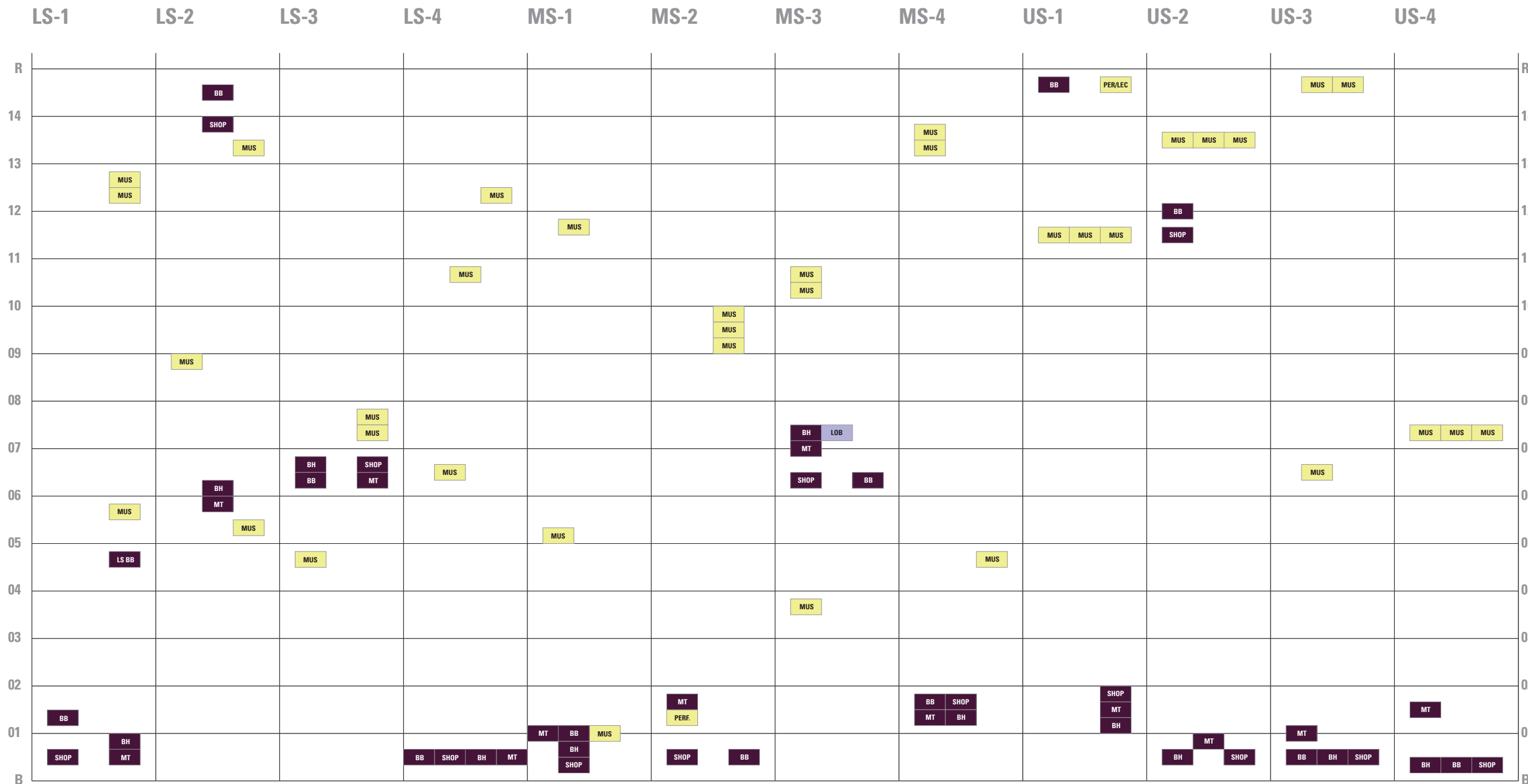
Separated: Locate Black Box Theater separate from Main Theater because it is intended to be experimental and more about the educational process for the boys rather than a show for the public. (3/12)

Consolidated/Private: Locate Main Theater/Auditorium and Black Box Theater in the center of the school (possibly off of a sky lobby) to facilitate sharing between divisions and reduce commute times, both to facilitate shared back of house spaces as well as act as a public face of the school. (2/12)

**RESULTING QUESTIONS**

How would you characterize the difference between the Main Theater and the Black Box?

Are Theater and Music Performance spaces compatible?  
Should they be located proximate to or remote from each other?



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**THEATER**

- THEATER
- MUSIC
- LOBBY

**KEY FINDINGS**

**DIVISION VS DEPARTMENT**

Hybrid: MS and US Music Rooms by Department, LS Music Room by Division (5/12)

○ Centralized: Music Rooms in one shared location by Department (4/12)

○ Split: Separate and locate Music Rooms by Division (2/12)

Public: One Music Room on the 1st floor as part of a "performance center" with other music rooms located by Division (1/12)

**LOCATION**

Private: Locate near the center or top of the building (11/12)

Public: Locate of 1st floor for a public presence. Locate other Music Rooms at center or top (1/12)

**ADJACENCY TO OTHER SPECIALTY SPACES**

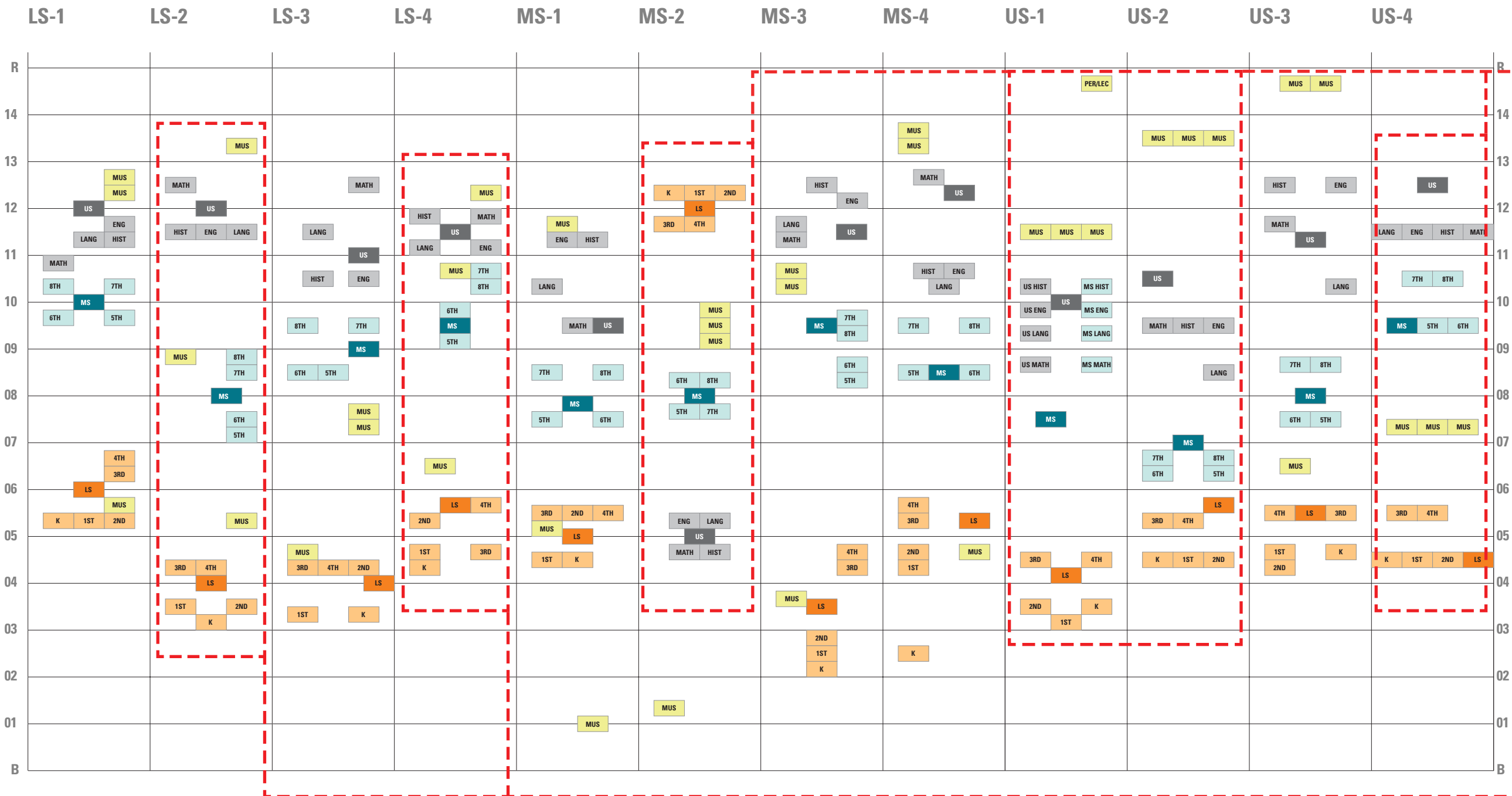
Pair with Visual Arts on the same floor (5/12)

Pair with either Main Theater or Black Box for a Performance Center (2/12)

**RESULTING QUESTIONS**

Faculty have commented that Music Performance is not compatible with the Drama spaces (either because acoustics are different, needs are different, scheduling is a problem), and that the Main Theater/Auditorium stage is too small and limiting.

Should a Music Performance space be added to the school if it can be configured to function as an events space and lecture hall?



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FACULTY WORKSHOP ANALYSIS

**MUSIC**

- LOWER SCHOOL
- MIDDLE SCHOOL
- UPPER SCHOOL
- MUSIC

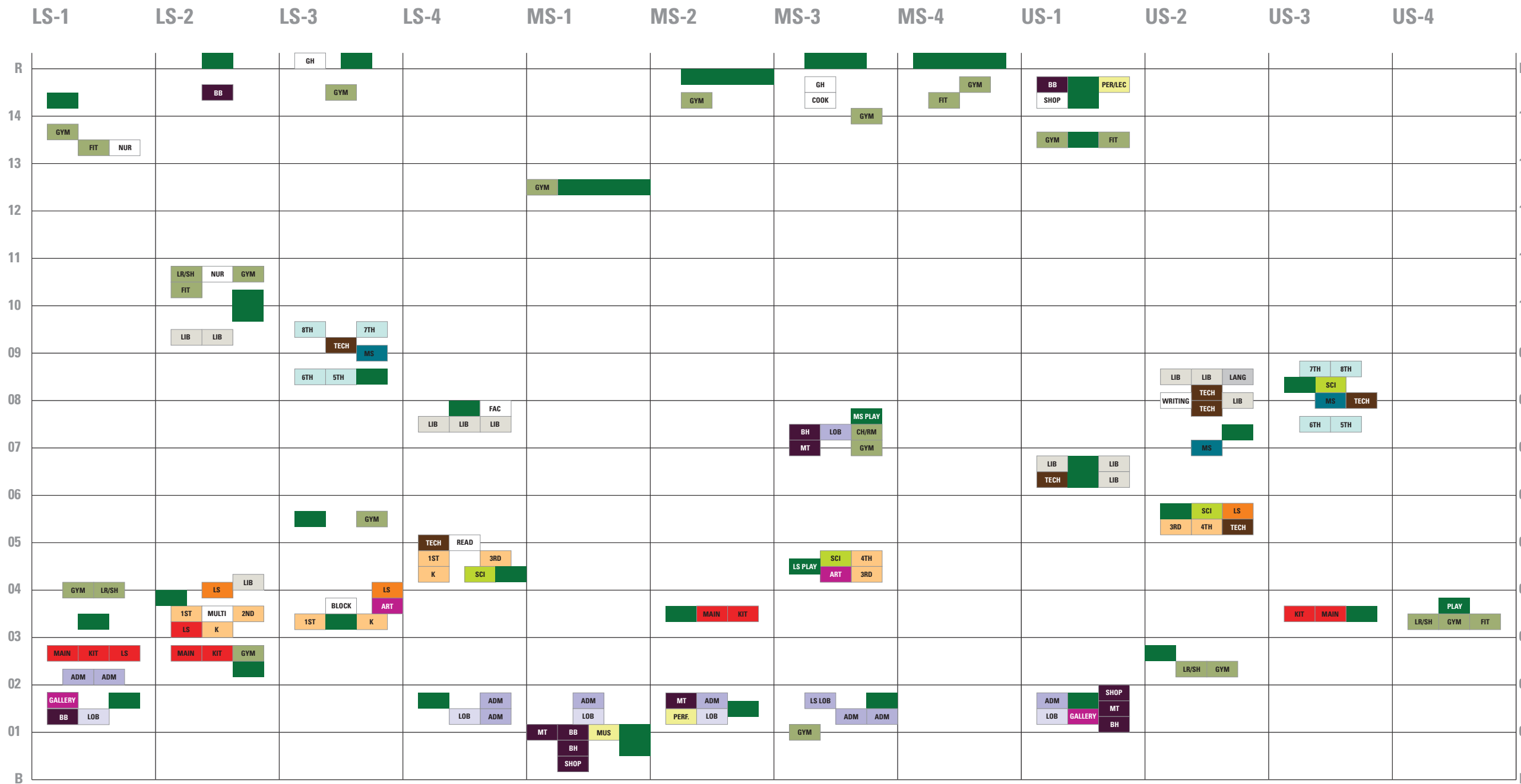
**KEY FINDINGS**

**COMPATIBLE INTERIOR SPACES FOR ACCESS TO OUTDOOR AREAS**

- Gymnasium (9/12).
- Roof (8/12)
- 1st Floor Lobby (6/12)
- Library Overlooking Outdoor Courtyard (4/12)
- Dining Room with Easy Access to Play After Lunch (3/12)
- Music Performance Space (2/12)
- Theatre Performance Space (1/12)

**RESULTING QUESTIONS**

Confirm best adjacencies to outdoor space.



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**SECTION C - FACULTY SURVEY ANALYSIS**

**FACULTY SURVEY ANALYSIS**

Faculty participated in an online survey after the faculty workshops were complete. Whereas the workshops required debate, dialogue and collaborative solutions, the intent of the survey was to provide an avenue to express individual opinions that may not have come out during the workshops.

The survey was also more specific, asking practical questions about sizes, quantities, configurations, and priorities. Questions about Collegiate culture were included. Faculty also provided wish list items that do not currently exist but would benefit the curriculum.

The collected data was sorted according to Division when possible.

81 out of 124 faculty responded to the survey (65% of all faculty). Refer to the appendix to view the original survey.

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**2 - PARENT SURVEY ANALYSIS**

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**SURVEY ANALYSIS**

# FACULTY SURVEY ANALYSIS



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**The school's history**

**79%**

**Boys working collaboratively**

**70%**

**Quality education from K-12**

**69%**

**Simplicity/utility of existing buildings**

**23%**

**Ties to Collegiate Church**

**13%**

**Strong, lasting bonds boys forge with each other and their teachers**

**5%**

**Scholarship and hard work that challenges both faculty and students to achieve at the highest level**

**5%**

**Enduring but not restrictive traditions – school is governed more by expectations than rules**

**3%**

**Comprehensive education that lets students pursue individual interests and grow academically**

**3%**

**Curiosity and enthusiasm**

**2%**

**Quality Faculty**

**2%**

**History of New York City and its cultural, economic, and political developments**

**1%**

**The character and tradition exist in spite of the space**

**1%**

**Rich connections that the school engenders with parents and alums**

**1%**

**Community well-being**

**1%**

**Strength in basketball and distance running**

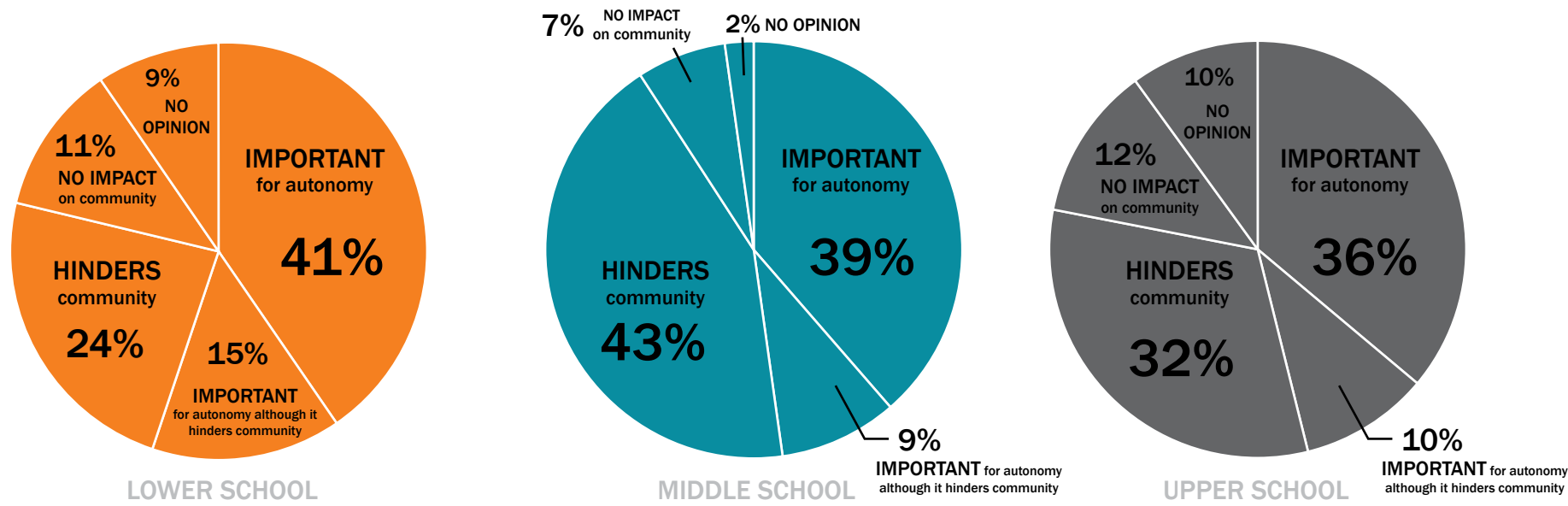
**1%**





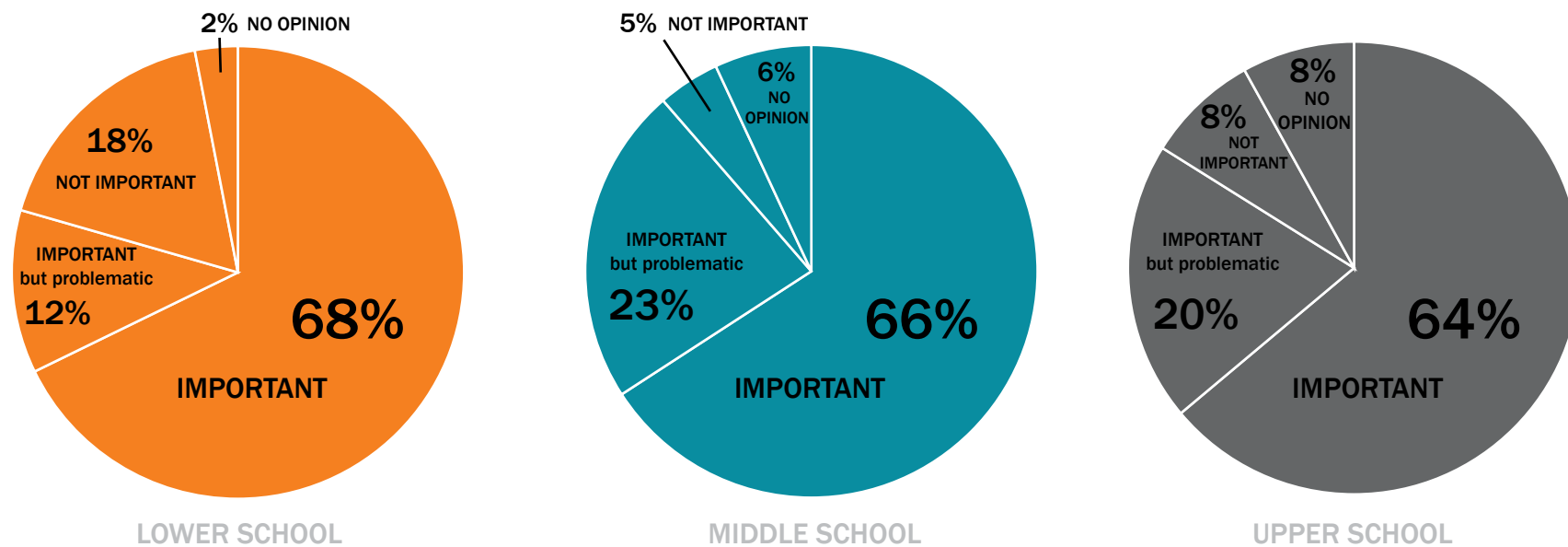
# PHYSICAL SEPARATION

## PHYSICAL SEPARATION BETWEEN THE LS, MS, AND US DIVISIONS:



# SHARED FACILITIES

## SHARED FACILITIES ARE:



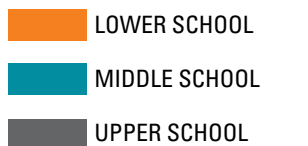
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FACULTY SURVEY ANALYSIS

C2

# DIVISIONAL AUTONOMY & SHARED FACILITIES



ASSUMING SCHEDULING IS NOT AN ISSUE, SPACES THAT CAN BE EFFECTIVELY SHARED AMONGST DIVISIONS FROM A PEDAGOGICAL STANDPOINT ARE...

Library	92.3%
Auditorium	83.3%
Performance Space	76.9%
Gymnasiums	73.1%
Dining Room	73.1%
Outdoor Play/Recreation Space	62.8%
Music Practice Rooms	60.3%
Black Box Theater	56.4%
Music Rooms	55.1%
Lecture Hall	53.8%
Art Rooms	50.0%
Computer Labs	29.5%
Locker Rooms	25.6%
Research Lab	17.9%
Science Labs	15.4%
Other	5.1%



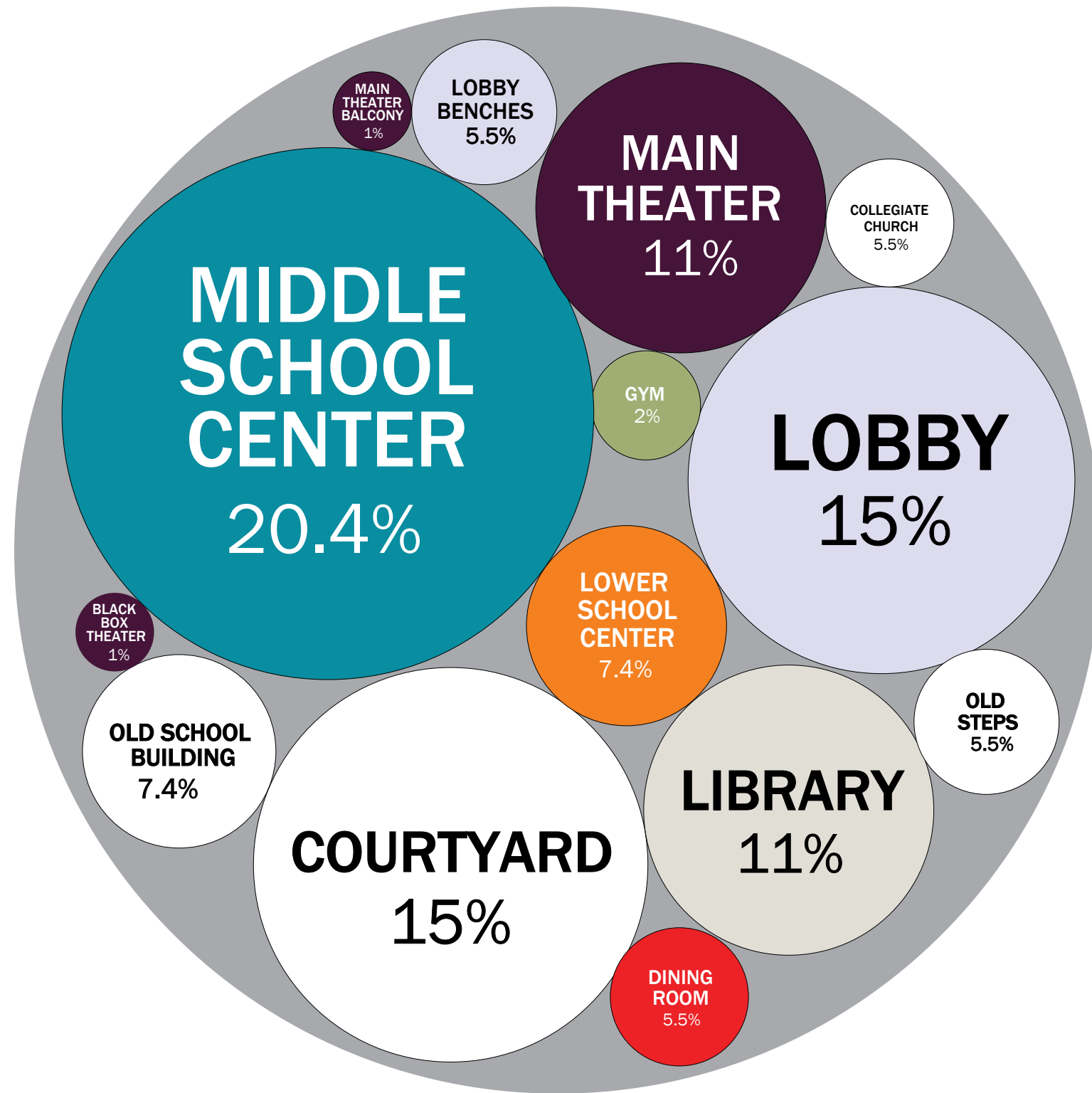
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FACULTY SURVEY ANALYSIS

## SHARED SPACES

THE EXISTING SPACES THAT BEST PROMOTE  
THE CULTURE AND TRADITION OF COLLEGIATE....

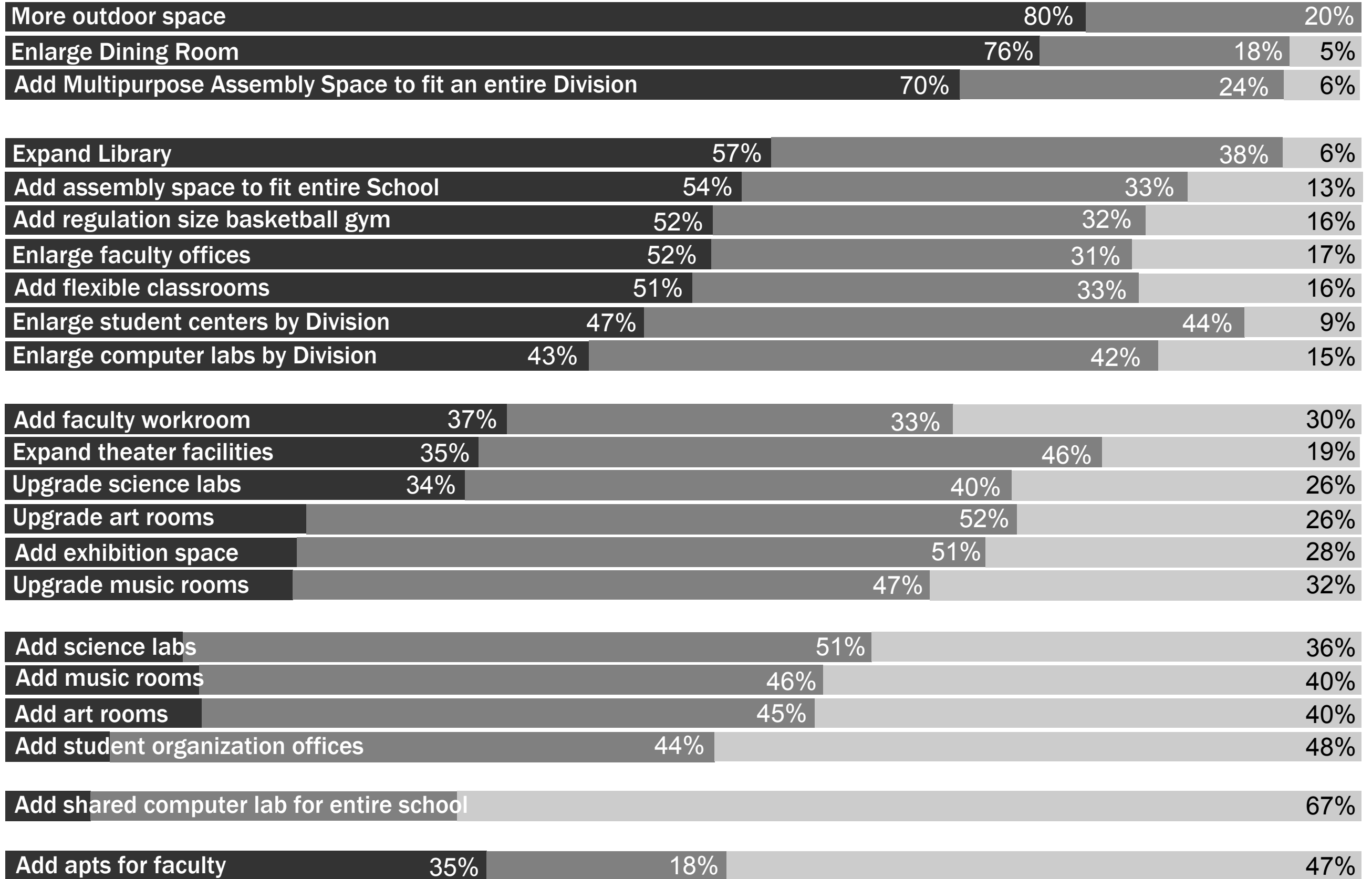


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PRIORITY LEVEL



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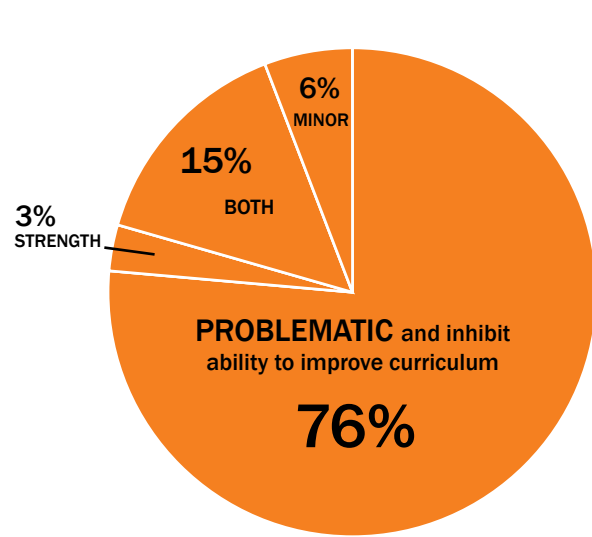
FACULTY SURVEY ANALYSIS

**PRIORITIES**

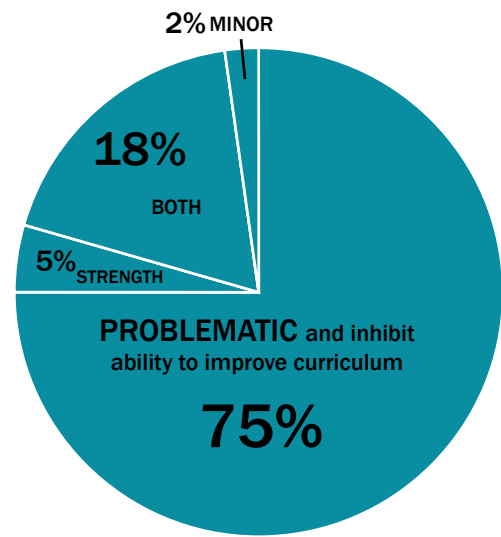
C5  
 ■ HIGH PRIORITY  
 ■ MEDIUM PRIORITY  
 ■ LOW PRIORITY

# SPACE LIMITATIONS

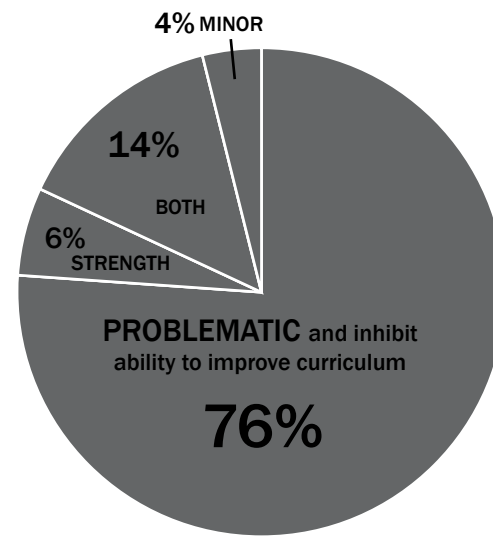
THE CURRENT BUILDINGS' SPACE LIMITATIONS ARE:



LOWER SCHOOL



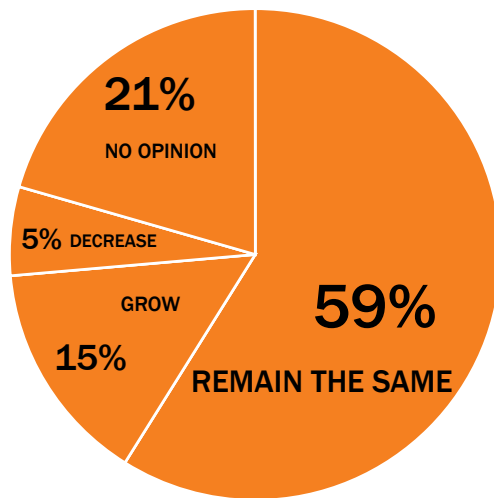
MIDDLE SCHOOL



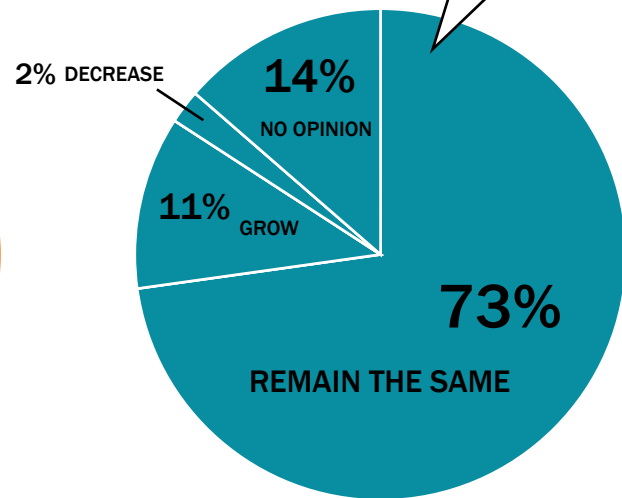
UPPER SCHOOL

# STUDENT BODY SIZE

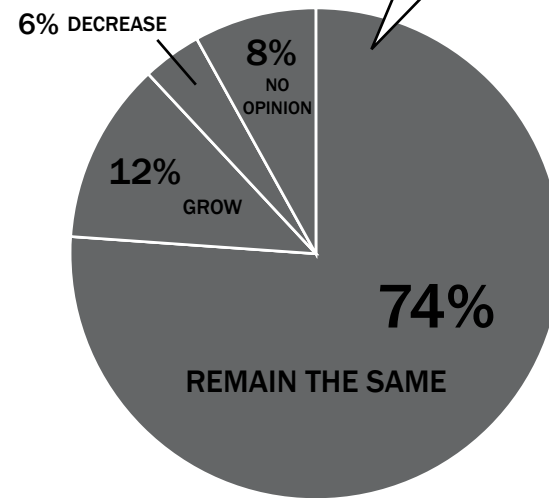
THE STUDENT BODY SIZE SHOULD:



LOWER SCHOOL



MIDDLE SCHOOL



UPPER SCHOOL

...“The physical plant makes it difficult to grow the student body. However, I think many students would benefit from larger grade sizes, more boys to interact/connect with, provided that section sizes remain the same or decrease”...

...“The strength of the program derives in part from our small size. The school manages to be intimate and expansive at the same time”...

...“We may need to grow. We ought to plan for growth; particularly, we ought to plan for the possibility of going co-ed at some point”....



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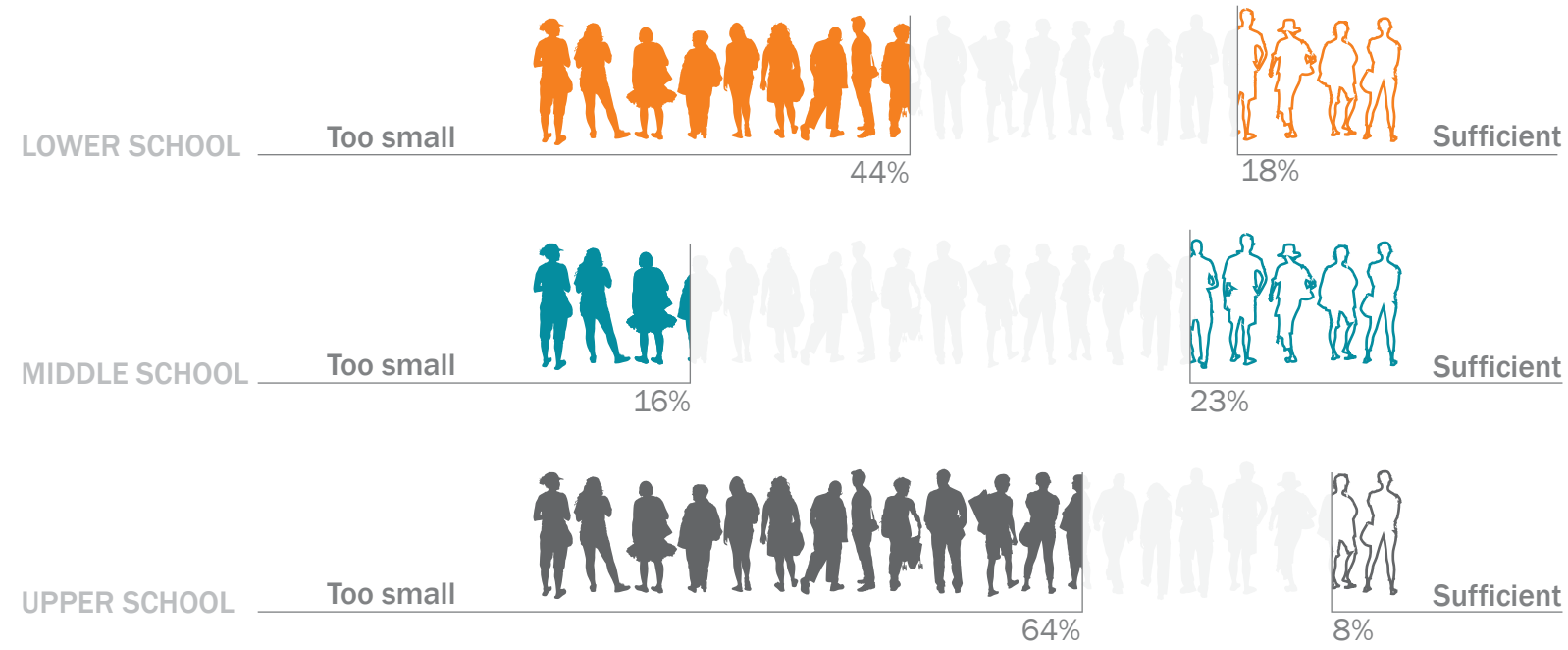
FACULTY SURVEY ANALYSIS

C6

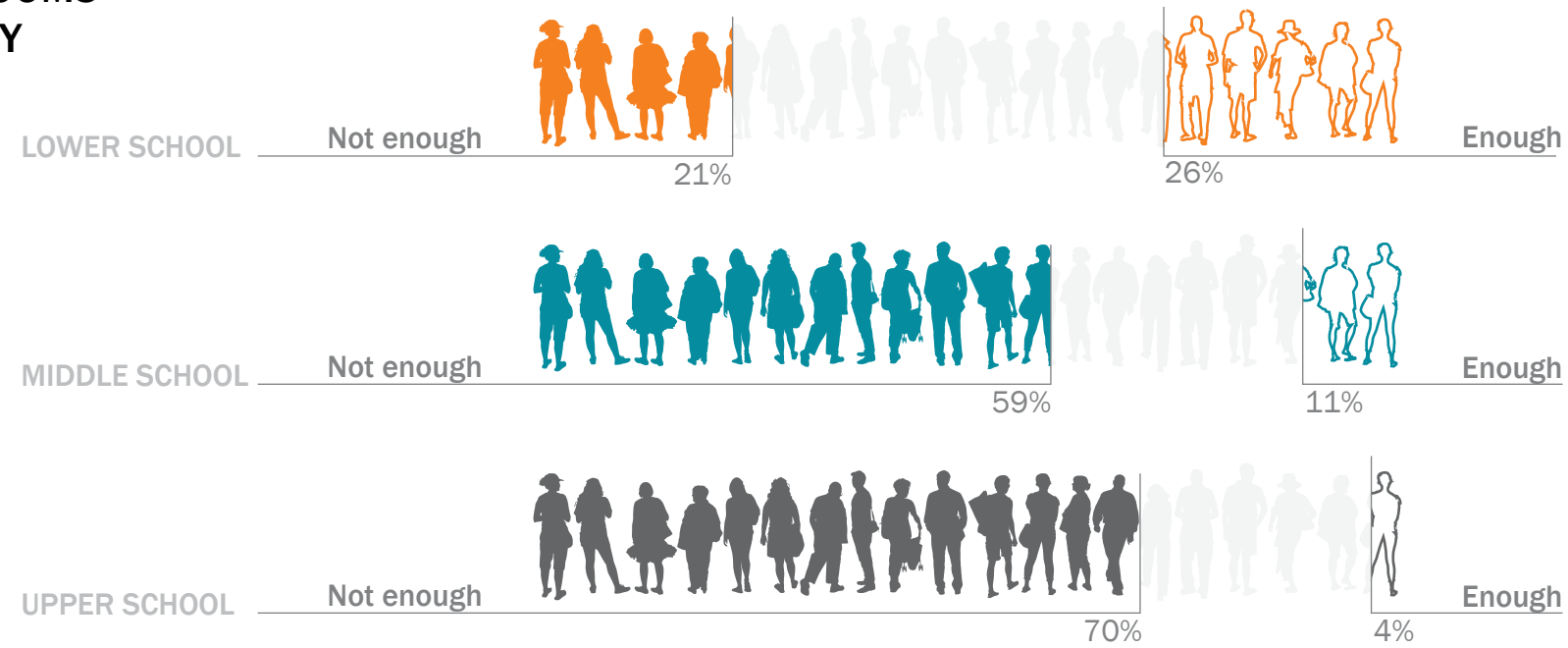
# SPACE LIMITATIONS & STUDENT BODY SIZE

- LOWER SCHOOL
- MIDDLE SCHOOL
- UPPER SCHOOL

## CLASSROOMS SIZE



## CLASSROOMS QUANTITY



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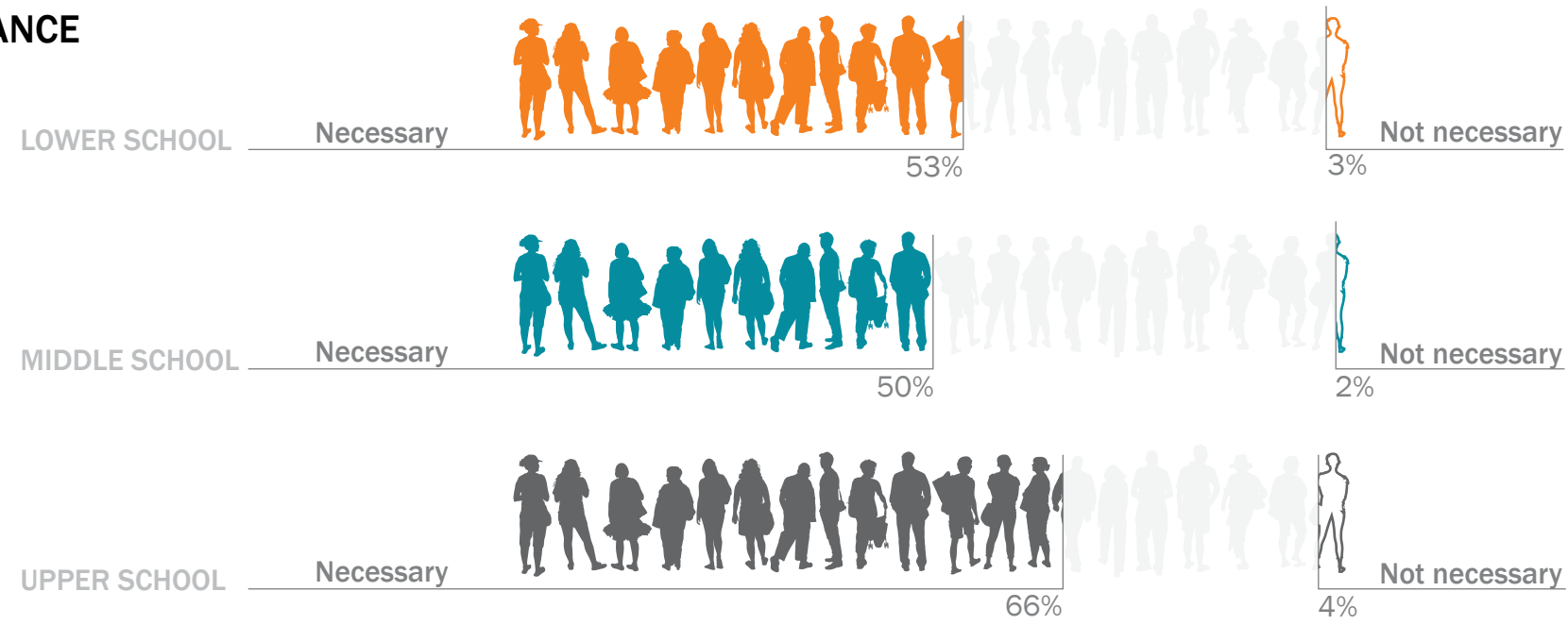
FACULTY SURVEY ANALYSIS

## CLASSROOMS

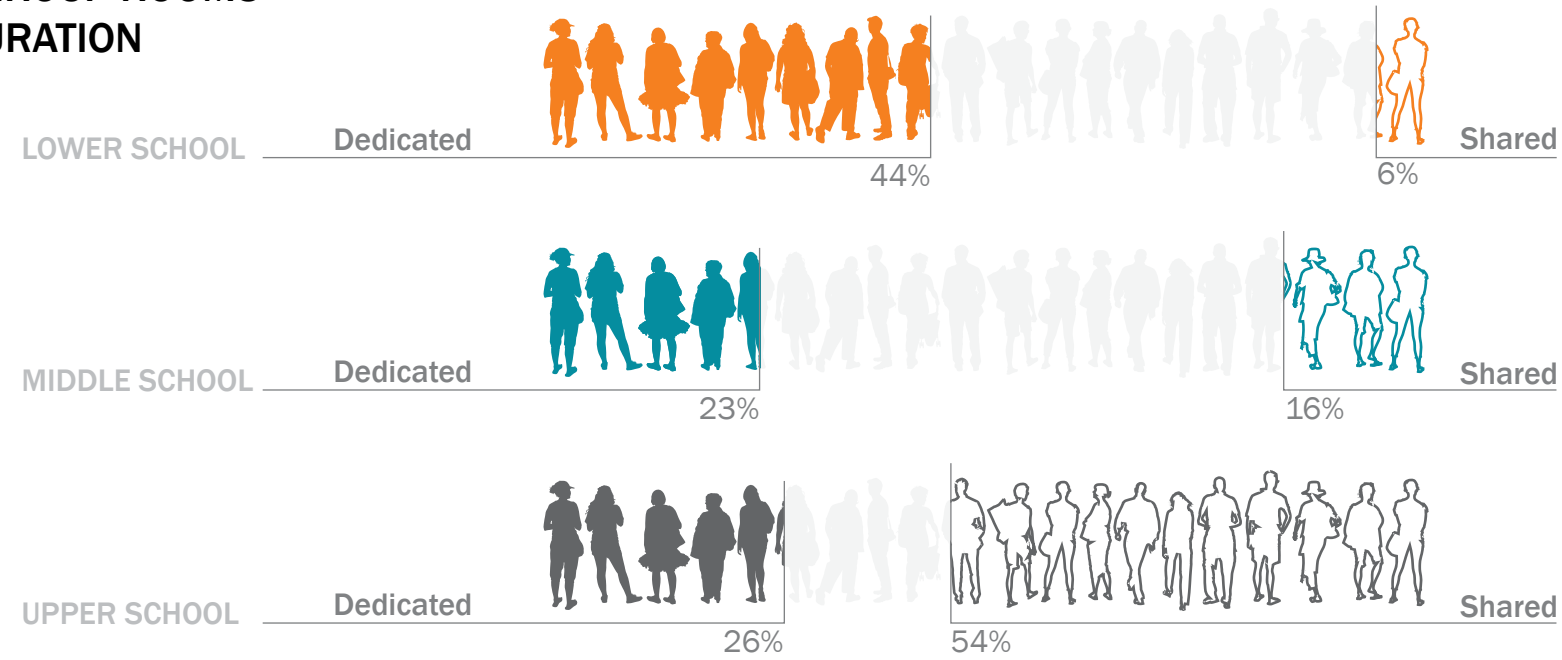
C7  
 LOWER SCHOOL  
 MIDDLE SCHOOL  
 UPPER SCHOOL



## SMALL GROUP ROOMS IMPORTANCE



## SMALL GROUP ROOMS CONFIGURATION



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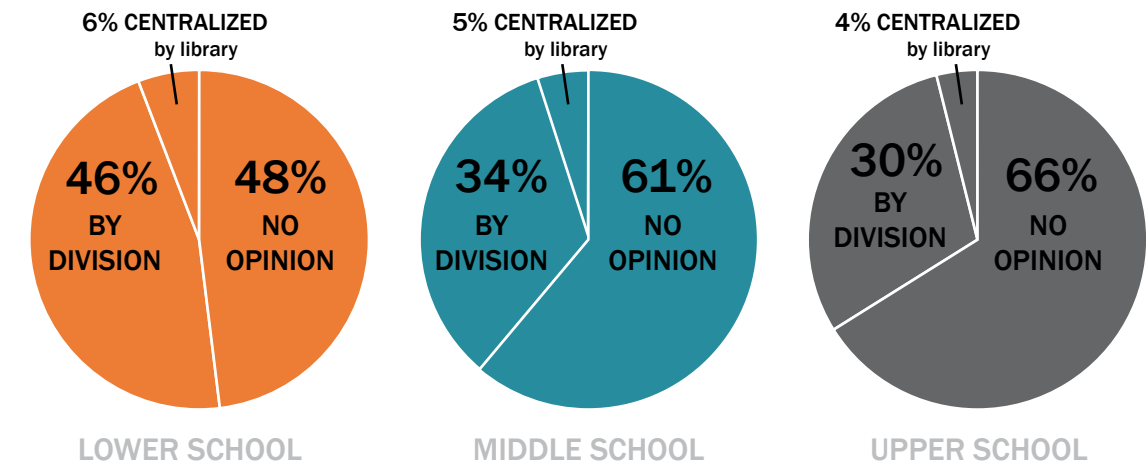
# SMALL GROUP ROOMS

C8  
 LOWER SCHOOL  
 MIDDLE SCHOOL  
 UPPER SCHOOL

## LEARNING SPECIALIST ROOMS SIZE

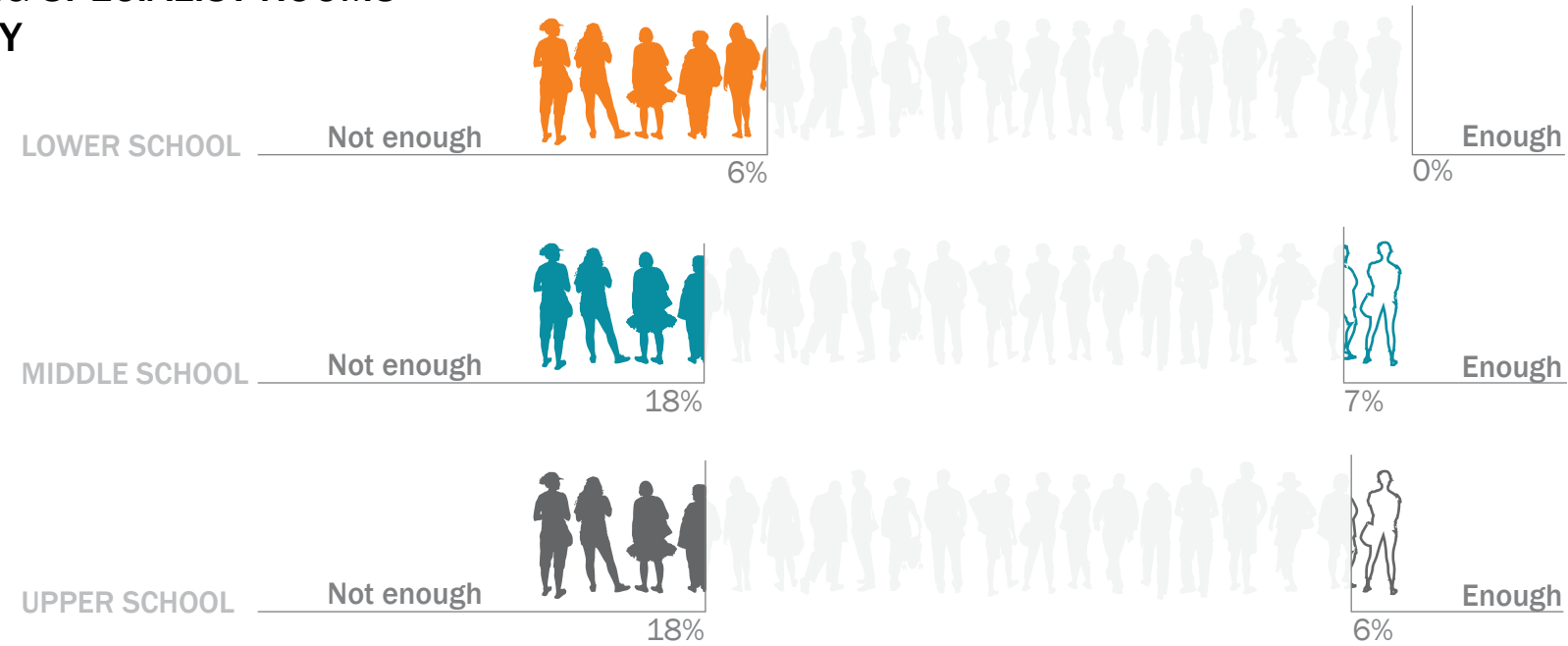


## LEARNING SPECIALIST ROOMS LOCATION



...“This is an ongoing discussion within the Department: should we be centralized within or near the library, or should we be dedicated within each division? Is there a possibility for both?”...

## LEARNING SPECIALIST ROOMS QUANTITY



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FACULTY SURVEY ANALYSIS

## LEARNING SPECIALIST

C9  
 LOWER SCHOOL  
 MIDDLE SCHOOL  
 UPPER SCHOOL

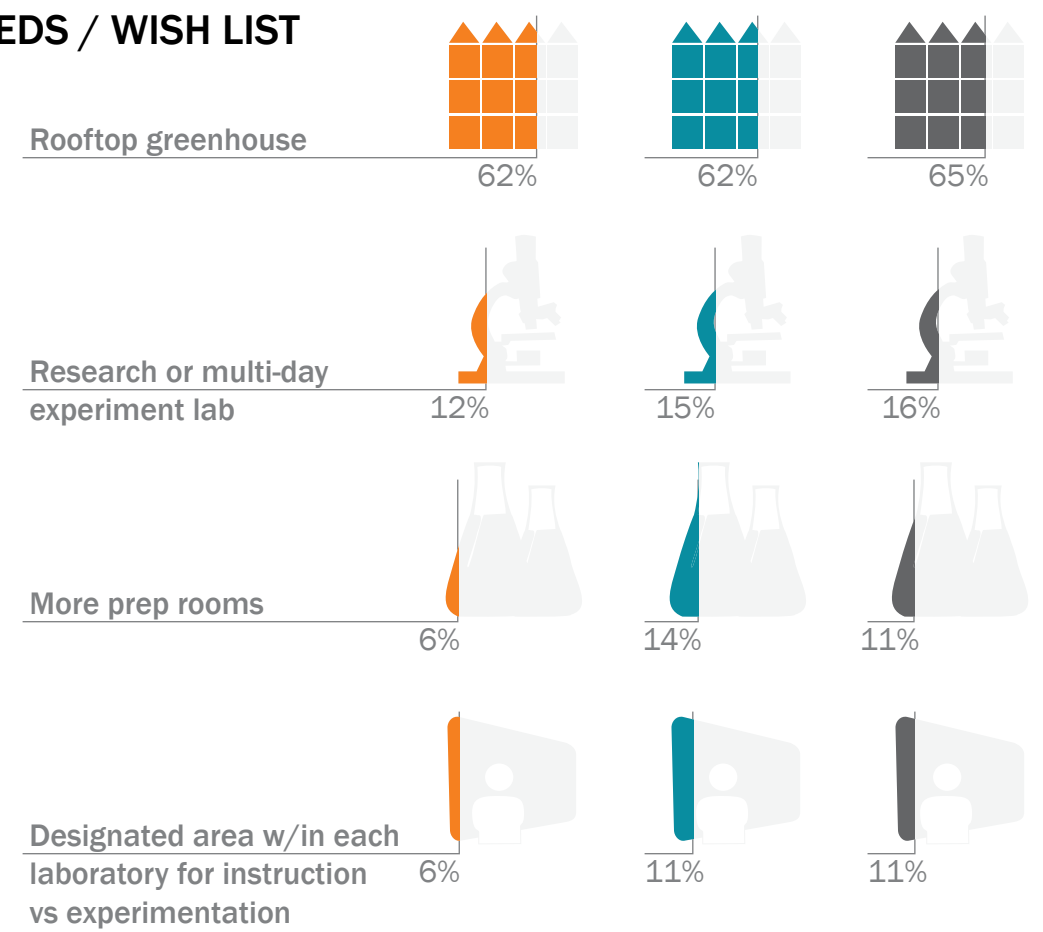
## SCIENCE FACILITIES SIZE



## SCIENCE FACILITIES QUANTITY



## SCIENCE FACILITIES NEEDS / WISH LIST



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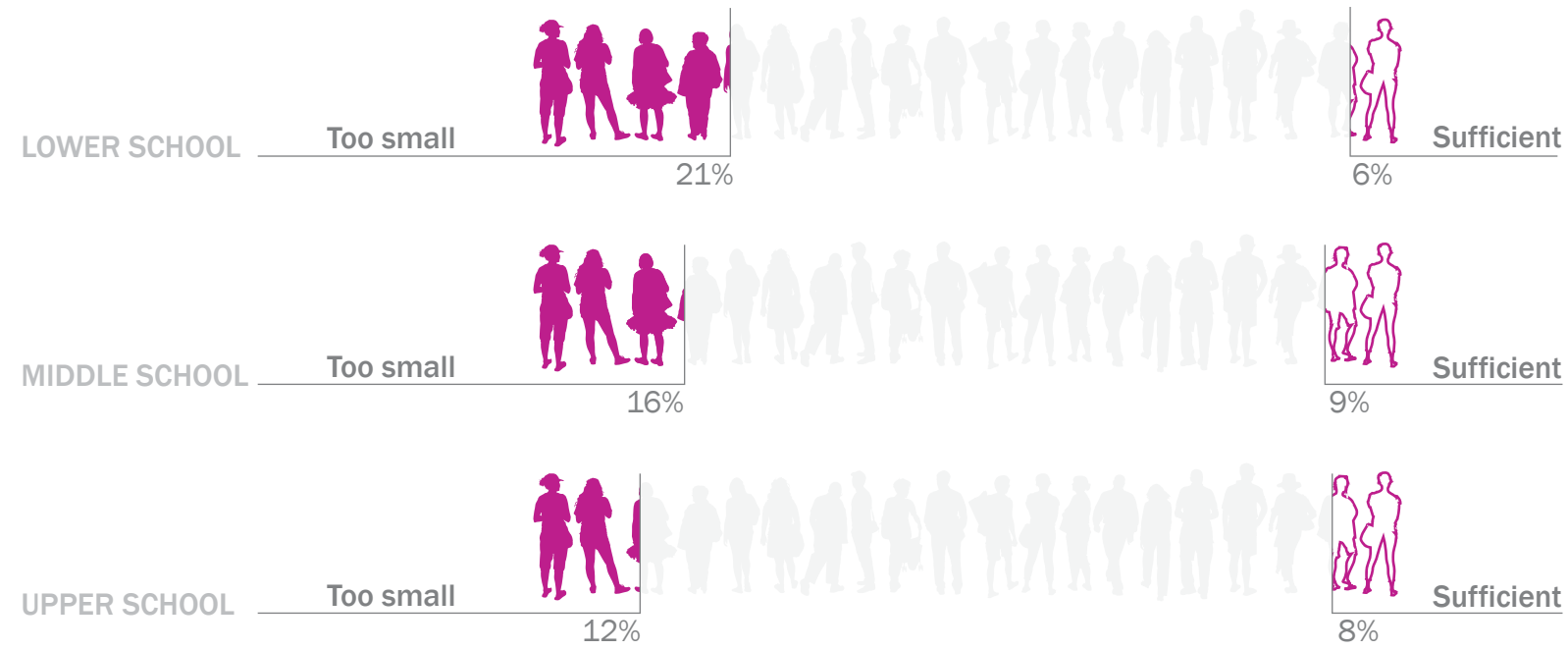
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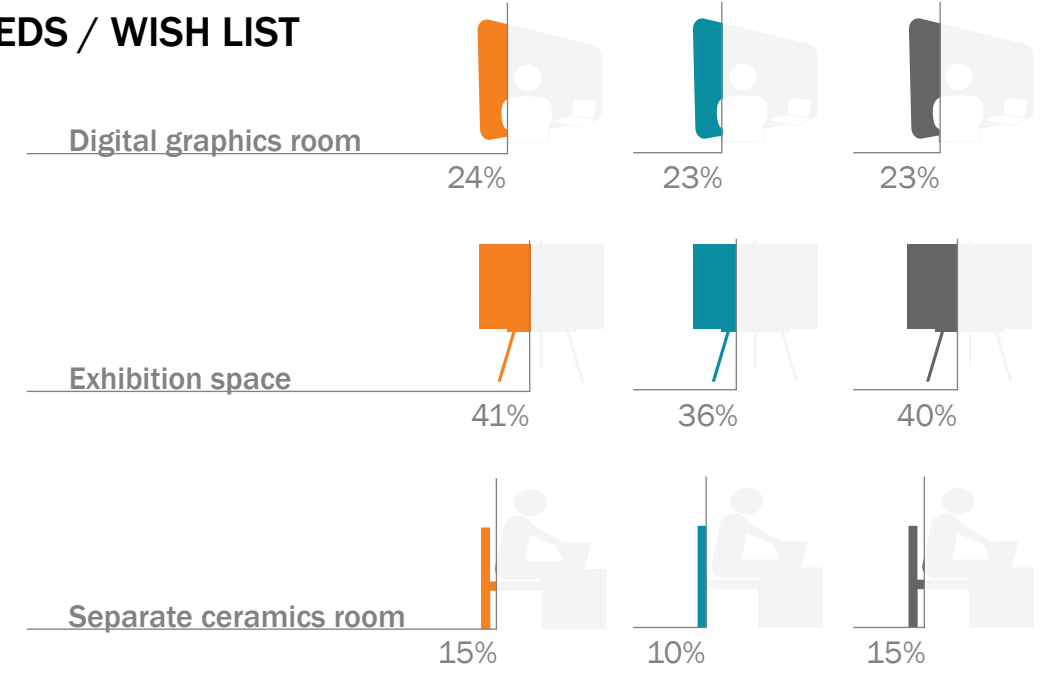
## SCIENCE

C10  
 LOWER SCHOOL  
 MIDDLE SCHOOL  
 UPPER SCHOOL  
 SCIENCE

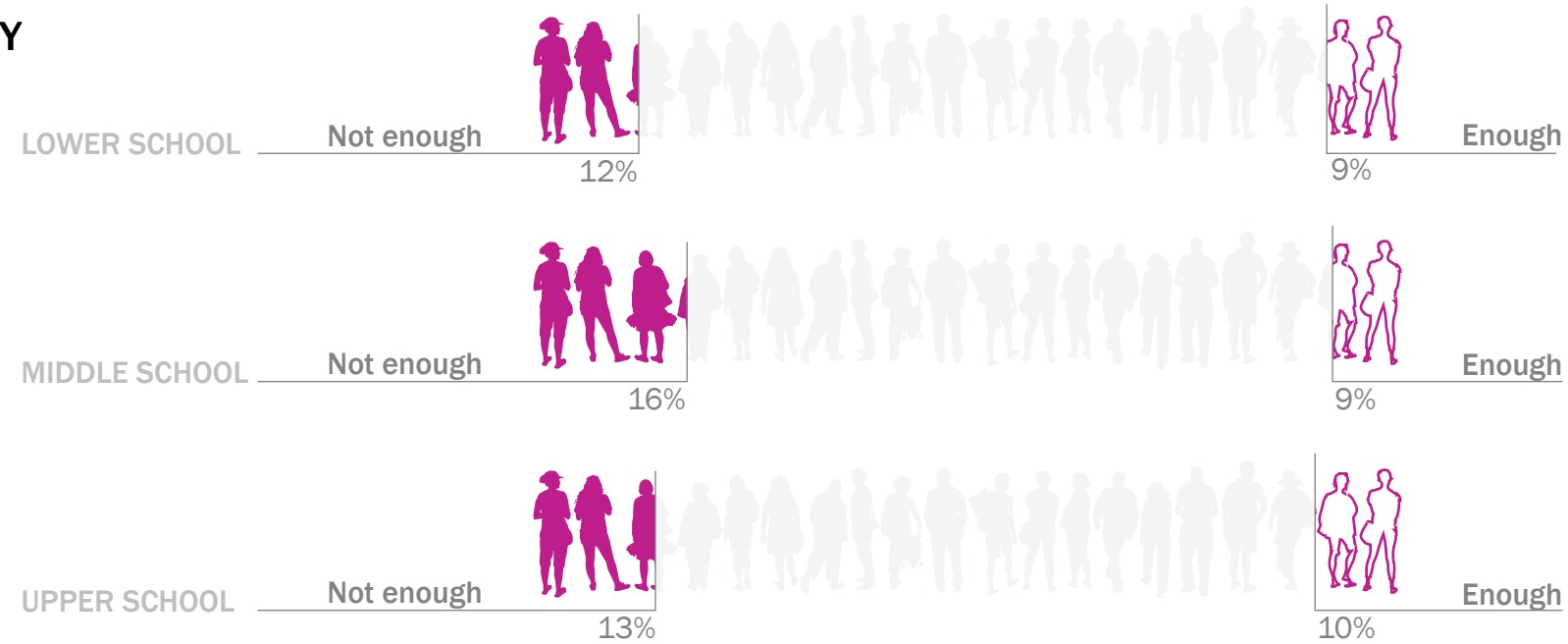
## ART FACILITIES SIZE



## ART FACILITIES NEEDS / WISH LIST



## ART FACILITIES QUANTITY

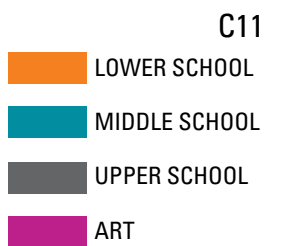


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## FACULTY SURVEY ANALYSIS

# ART

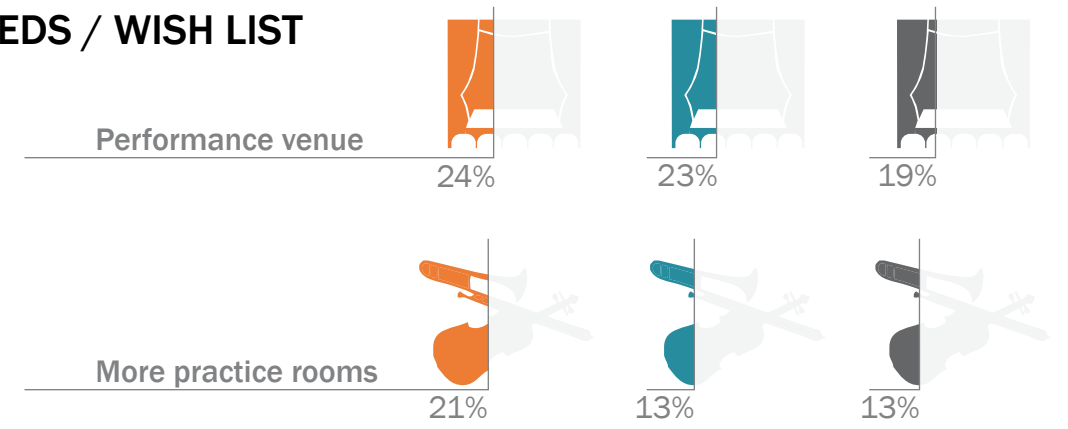




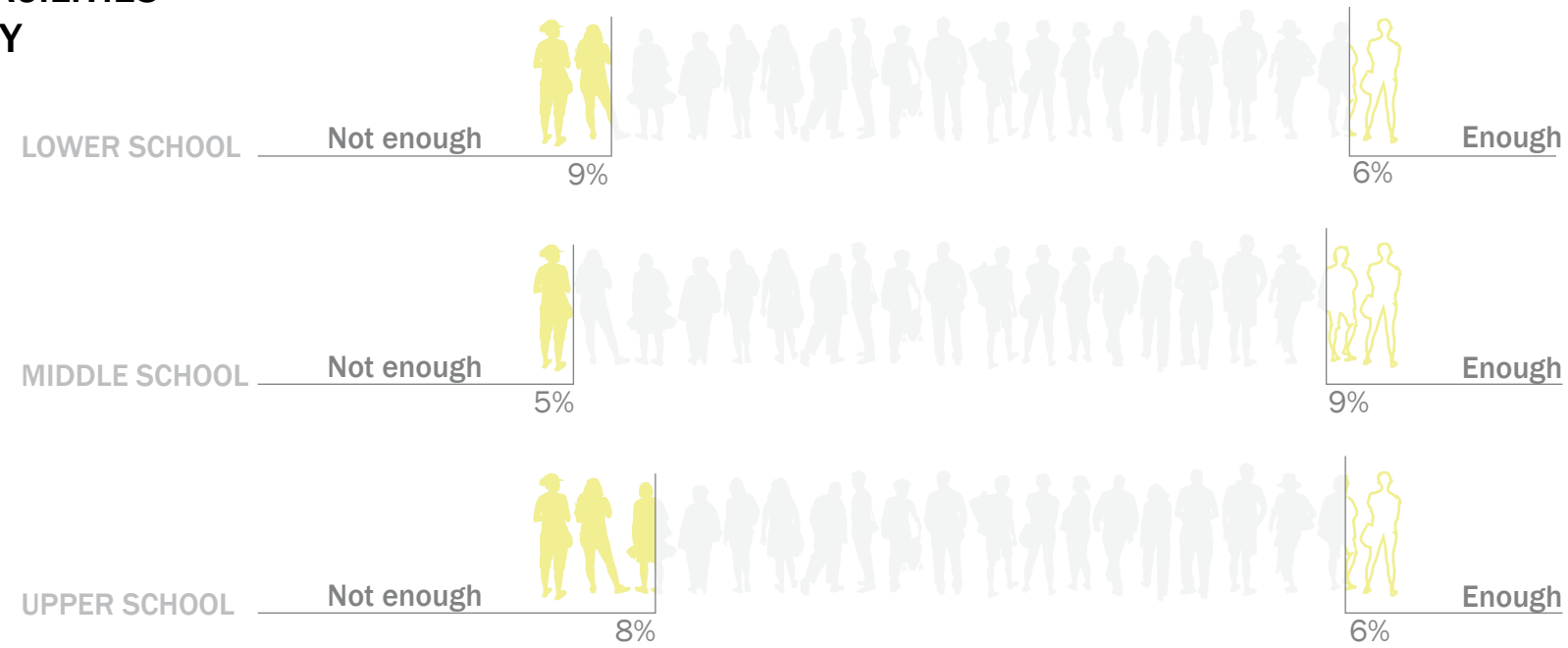
## MUSIC FACILITIES SIZE



## MUSIC FACILITIES NEEDS / WISH LIST



## MUSIC FACILITIES QUANTITY



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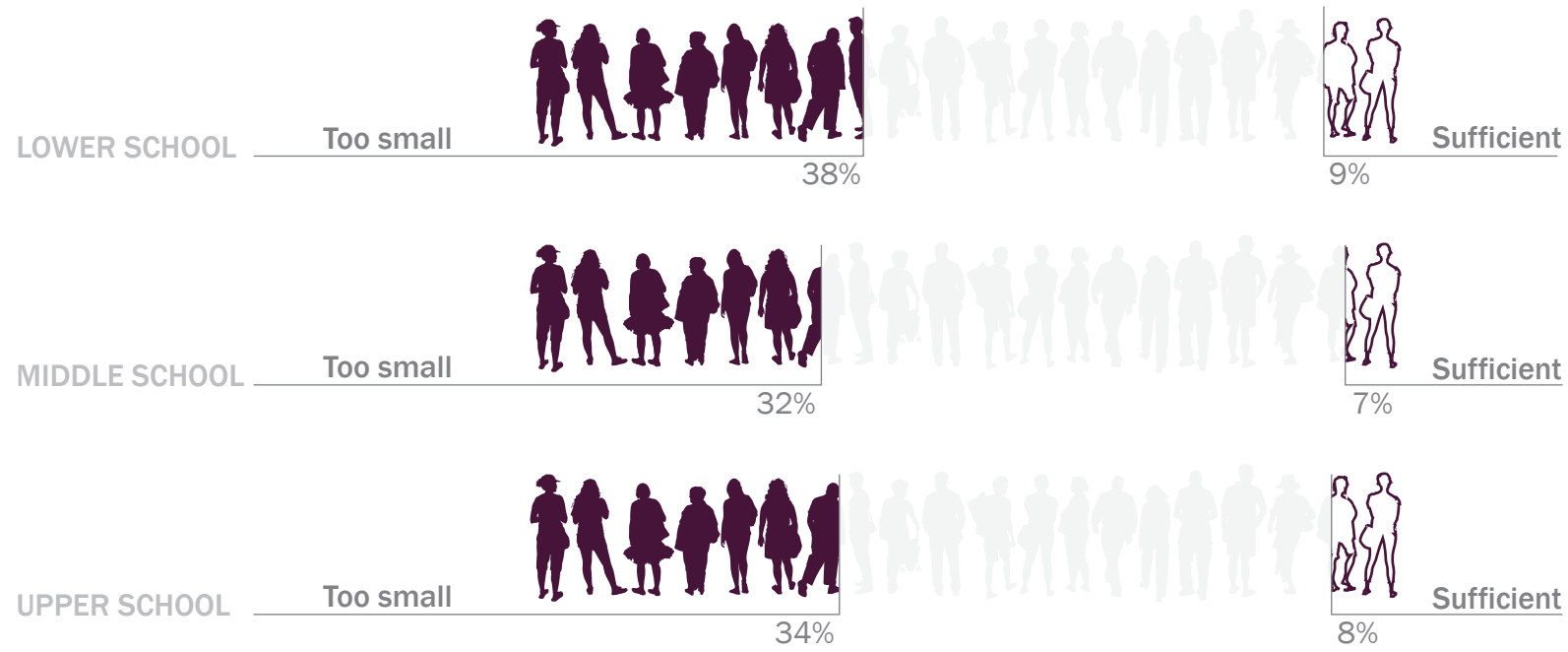
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FACULTY SURVEY ANALYSIS

# MUSIC

C12  
 LOWER SCHOOL  
 MIDDLE SCHOOL  
 UPPER SCHOOL  
 MUSIC

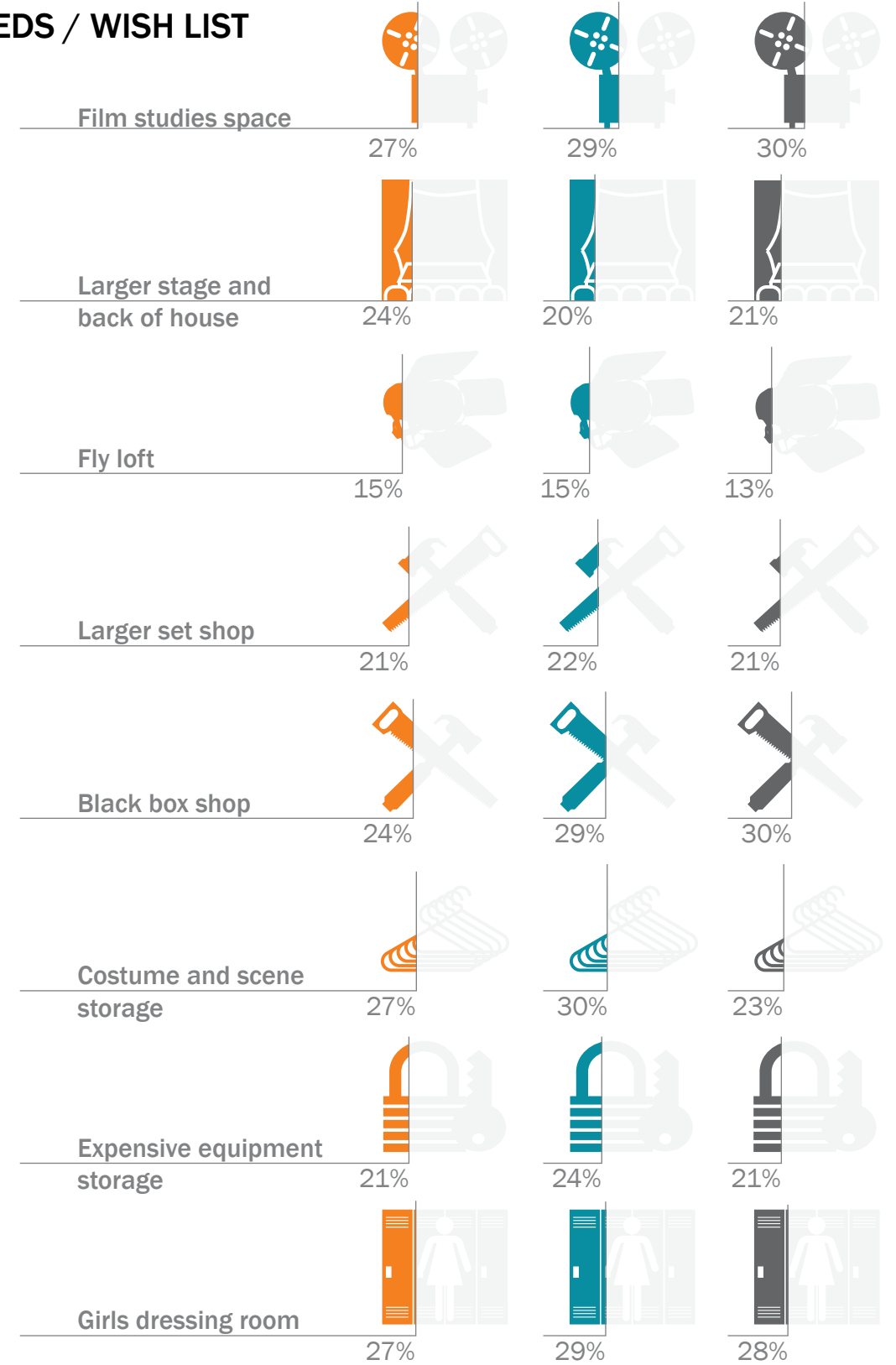
## THEATER FACILITIES SIZE



## THEATER FACILITIES QUANTITY



## THEATER FACILITIES NEEDS / WISH LIST



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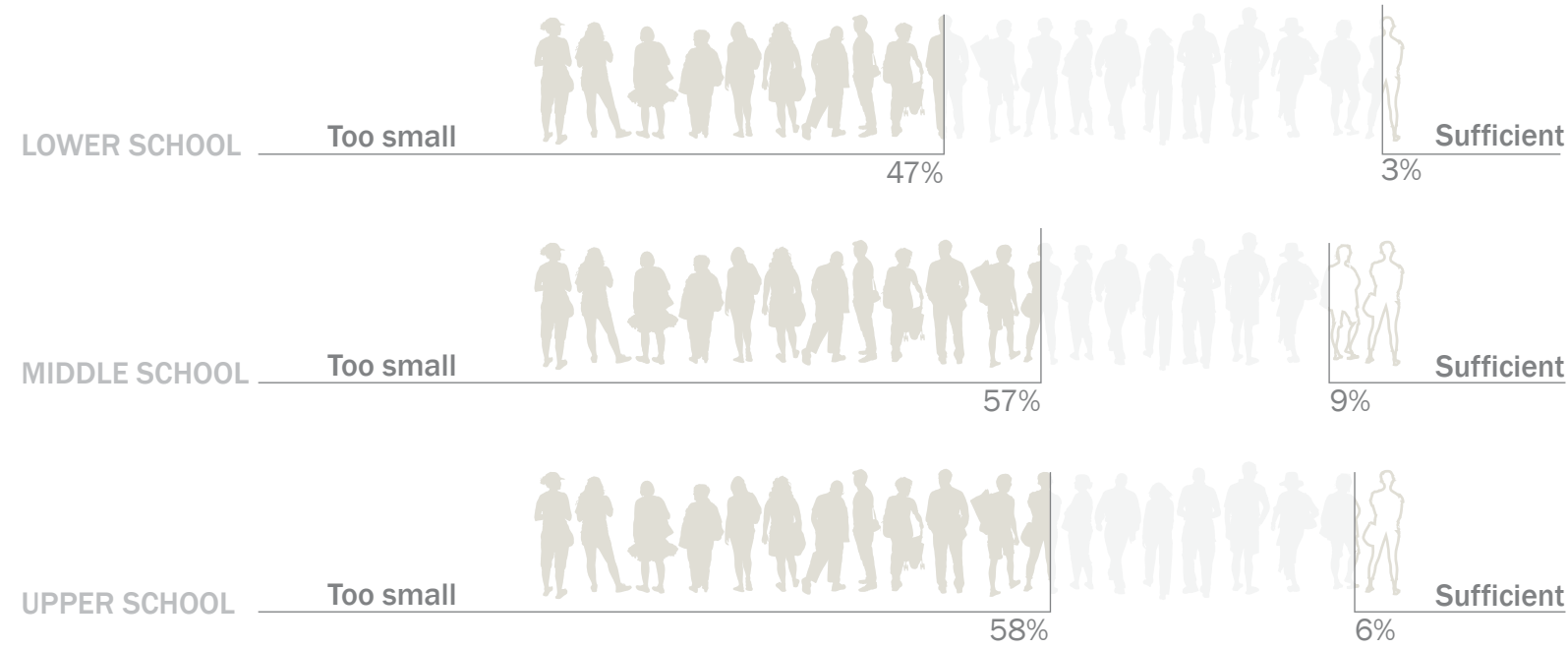
FACULTY SURVEY ANALYSIS

## THEATER ARTS

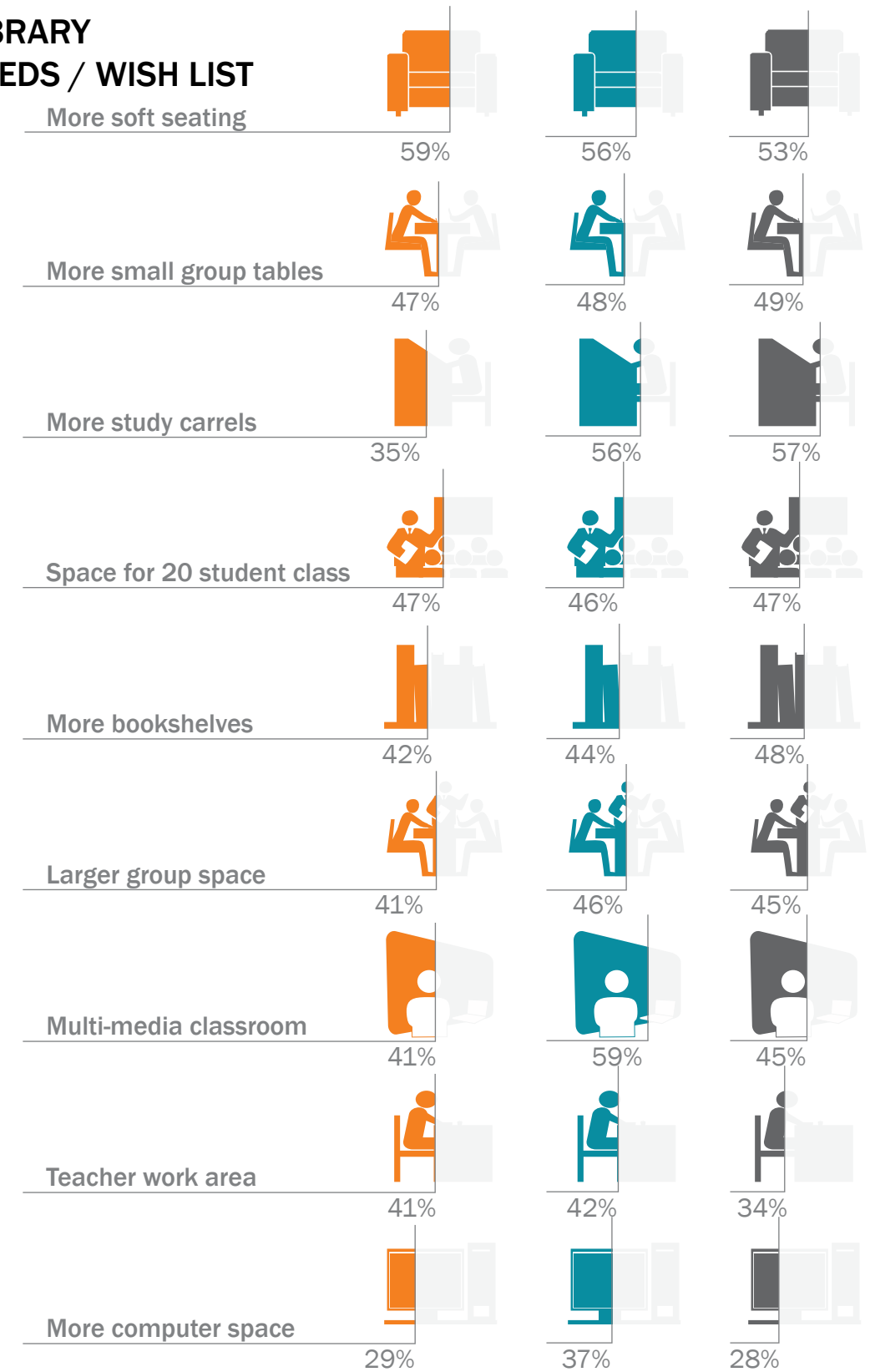
C13

- LOWER SCHOOL
- MIDDLE SCHOOL
- UPPER SCHOOL
- THEATER

# LIBRARY SIZE



# LIBRARY NEEDS / WISH LIST



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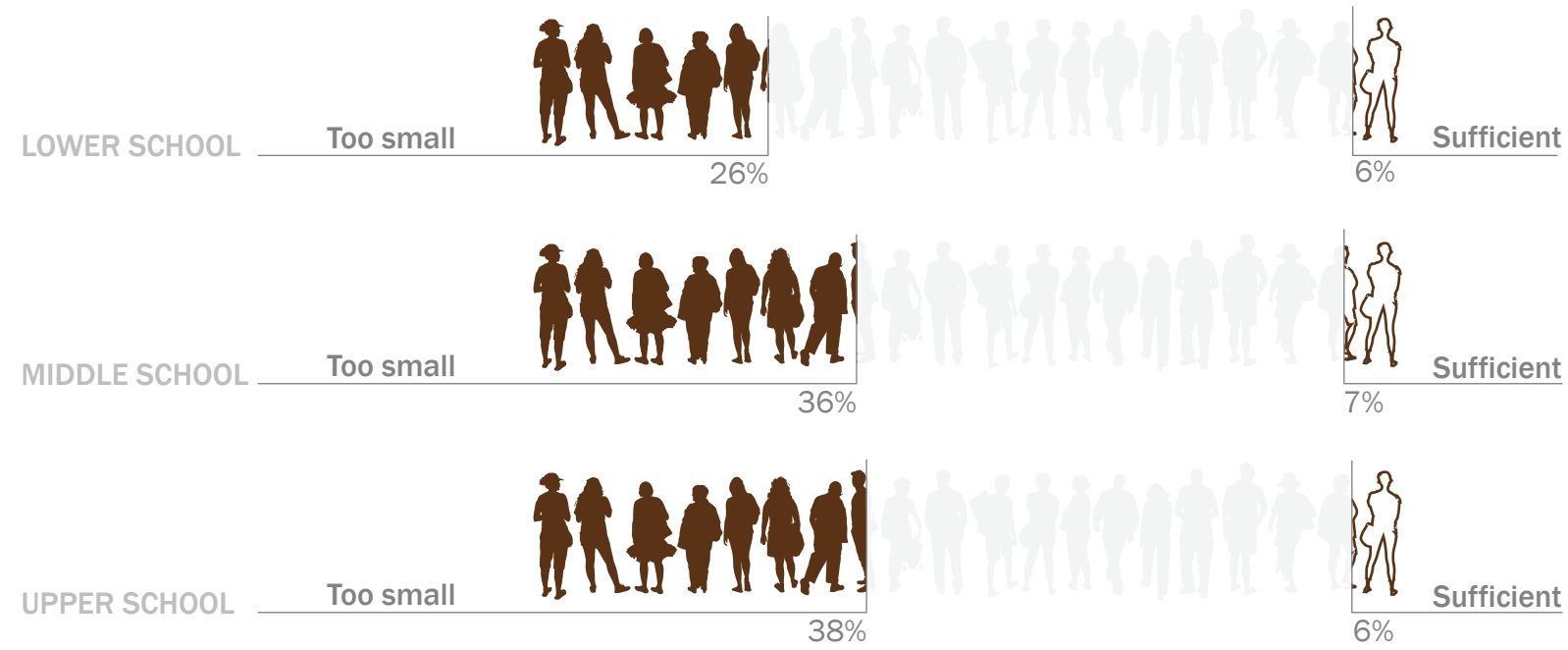
## FACULTY SURVEY ANALYSIS

# LIBRARY

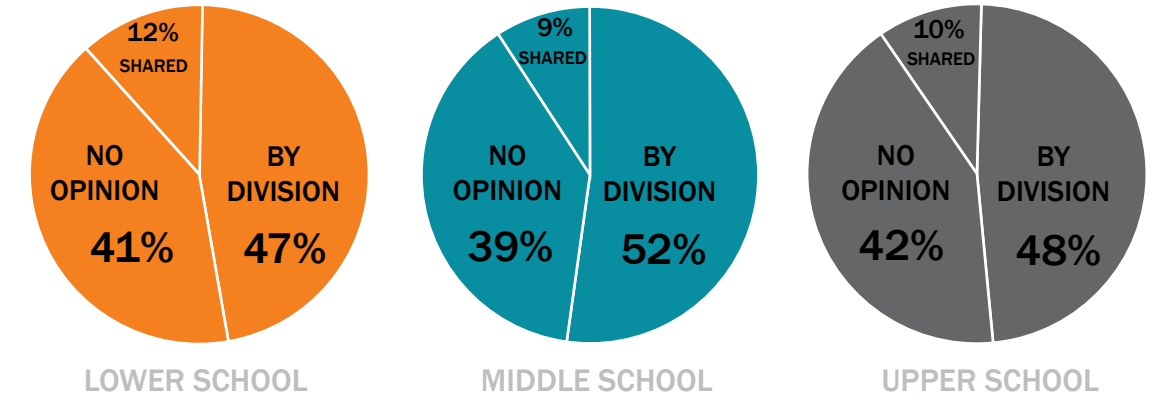
**C14**

- LOWER SCHOOL
- MIDDLE SCHOOL
- UPPER SCHOOL
- LIBRARY

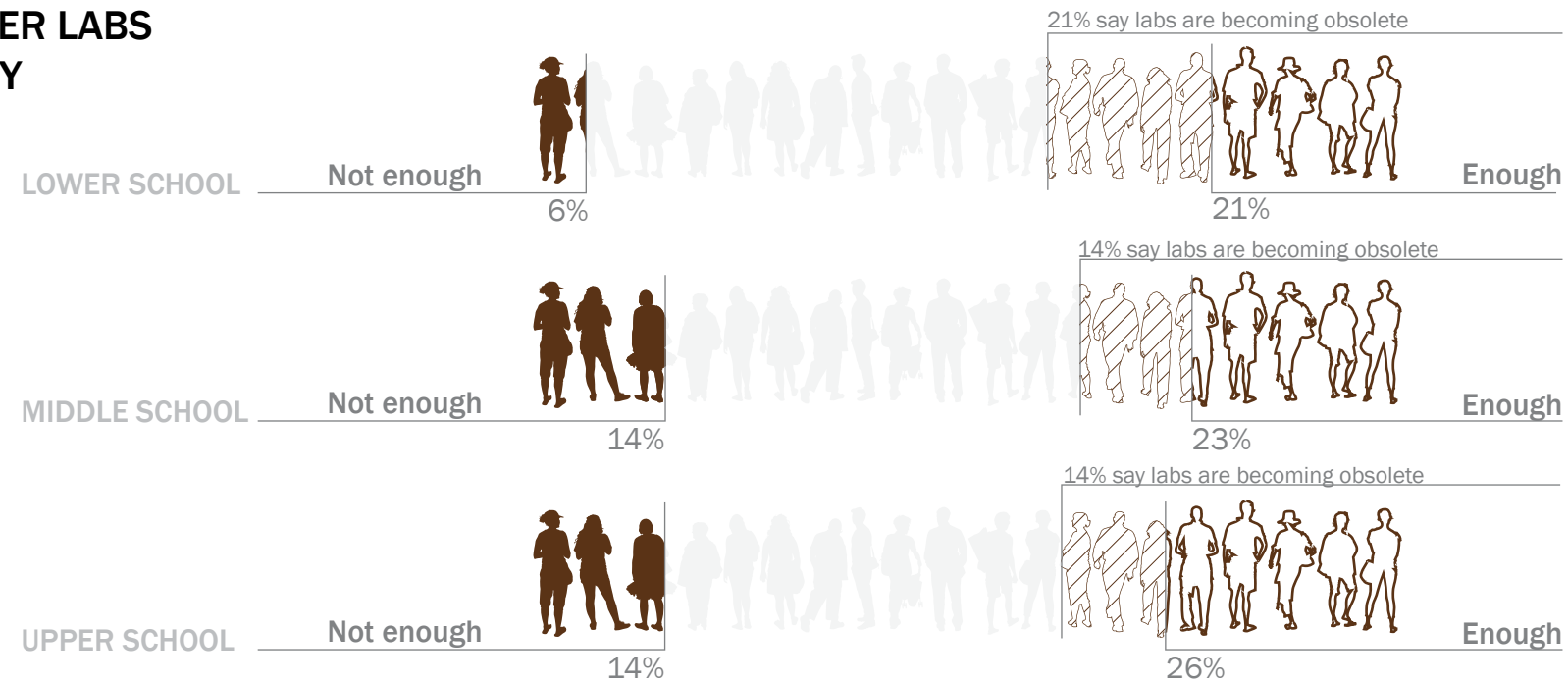
## COMPUTER LABS SIZE



## COMPUTER LABS LOCATION



## COMPUTER LABS QUANTITY



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FACULTY SURVEY ANALYSIS

## TECHNOLOGY

C15

- LOWER SCHOOL
- MIDDLE SCHOOL
- UPPER SCHOOL
- TECHNOLOGY



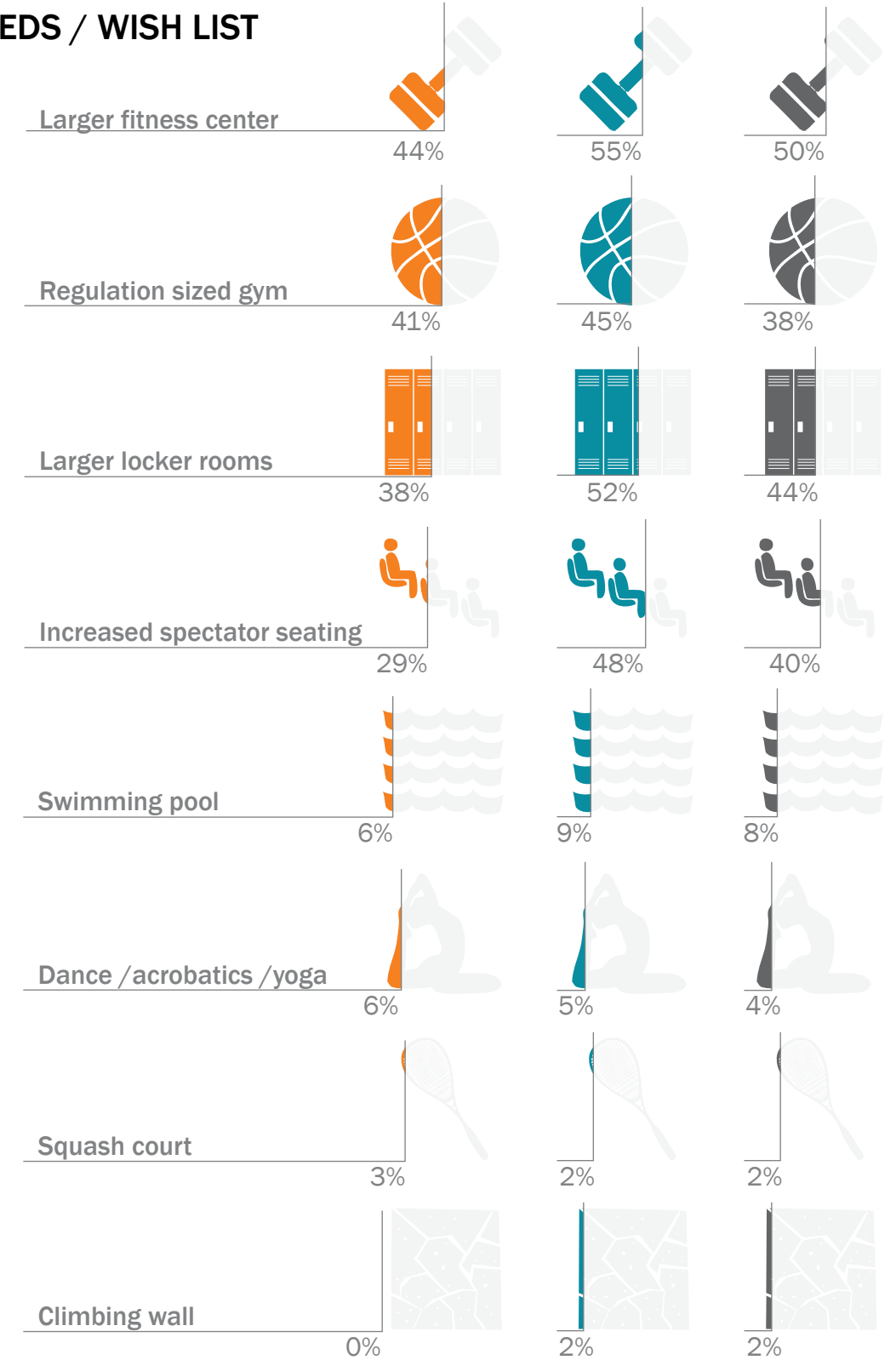
## ATHLETICS FACILITIES SIZE



## ATHLETICS FACILITIES QUANTITY



## ATHLETICS FACILITIES NEEDS / WISH LIST



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FACULTY SURVEY ANALYSIS

## ATHLETICS

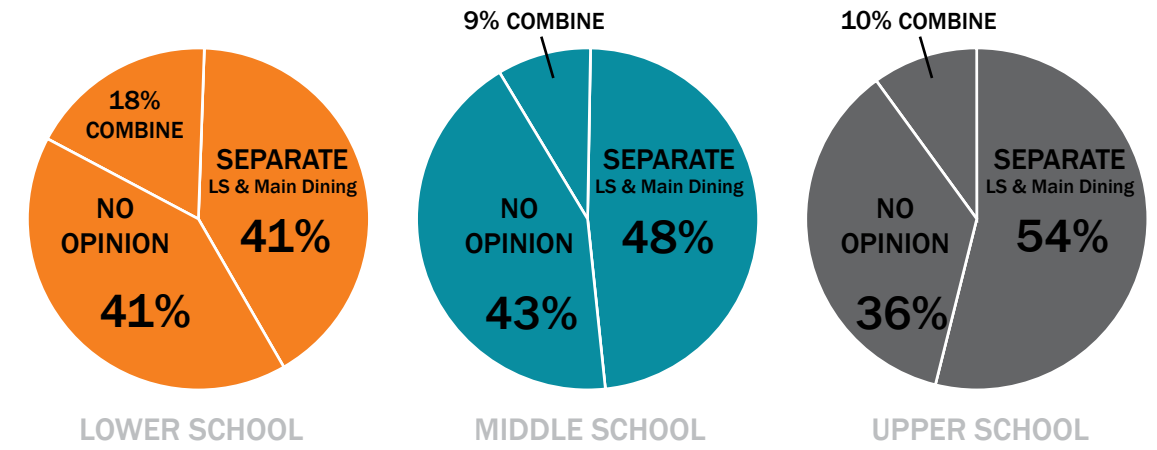
C16

- LOWER SCHOOL
- MIDDLE SCHOOL
- UPPER SCHOOL
- ATHLETICS

## MAIN DINING SIZE



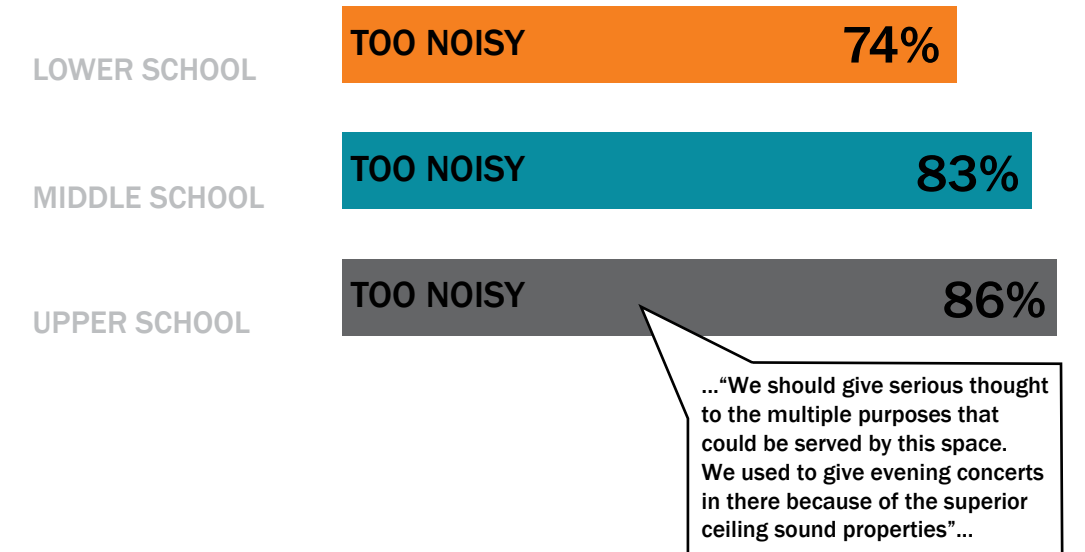
## MAIN DINING CONFIGURATION



## LOWER SCHOOL DINING SIZE



## MAIN DINING NOISE



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## FACULTY SURVEY ANALYSIS

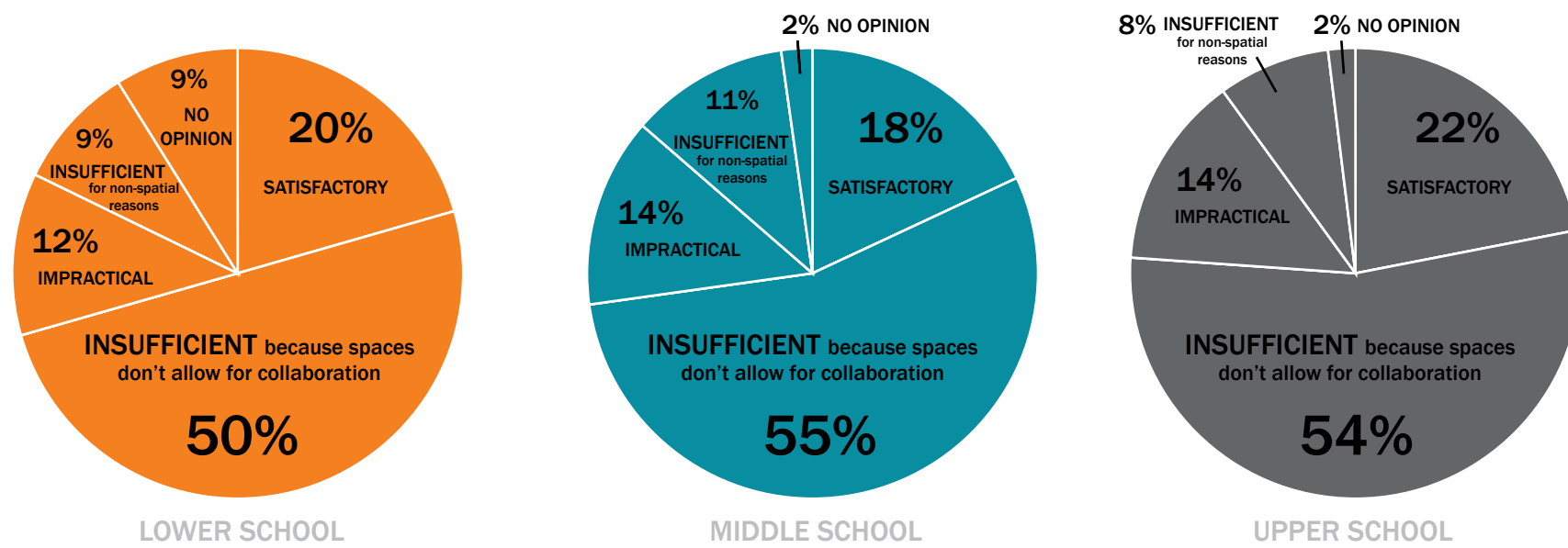
# DINING

C17

- LOWER SCHOOL
- MIDDLE SCHOOL
- UPPER SCHOOL
- DINING

# COLLABORATION ACROSS DIVISIONS

## COLLABORATION AMONGST FACULTY AND STAFF ACROSS ALL DIVISIONS:



...“I see it as one of the school’s strengths towards Dr. Levinson’s ideal ‘one school grades K-12’”...

...Active planning of curriculum across divisions is less important than places to discuss pedagogy and to identify those teaching dilemmas that have close analogues across the divisions”...

...This is not emphasized from the top down. If interdivisional collaboration is a stated goal of the school, supportive guidance and oversight is provided, AND faculty members are held accountable...the physical plant will not hinder interdivisional collaboration”...

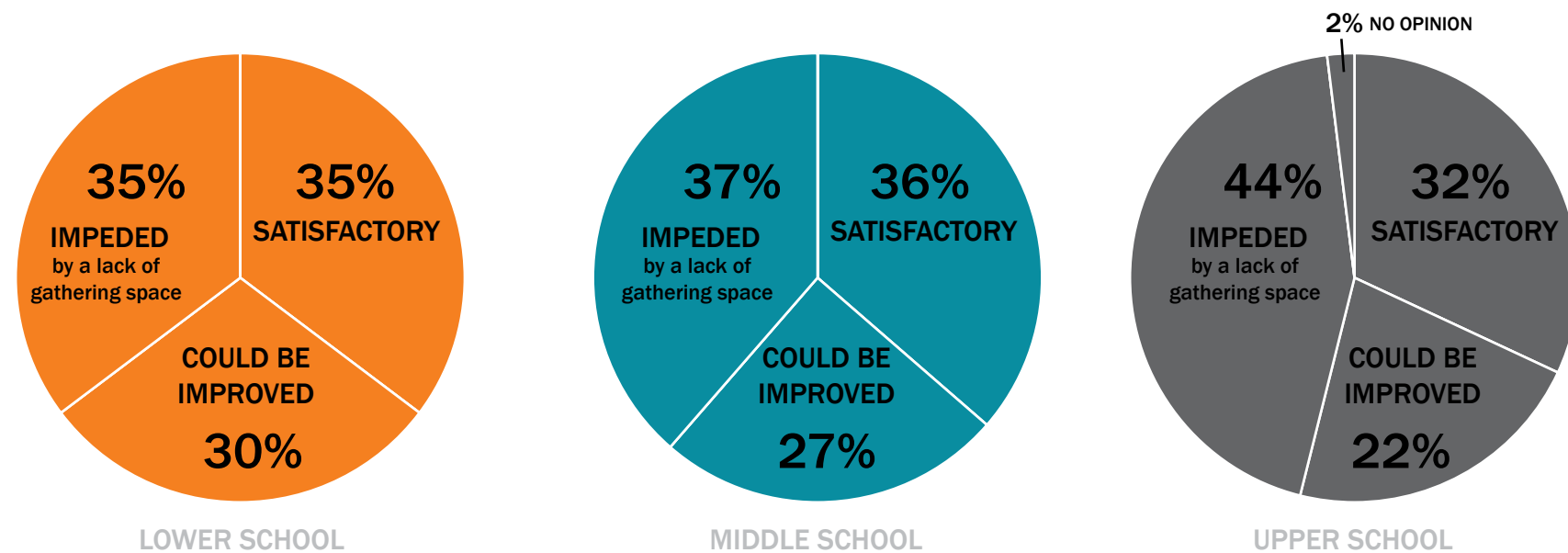
...Difficult because teachers are genuinely too busy to really engage in cross-divisional work—even if they know it would be beneficial”...

...Time/space/interest and a model of how real collaboration works all need to be provided”...

...It is (difficult) to do because of the four different schedules (for) LS, 5/6, 7/8, and US.... it is almost impossible to do with regularity”...

# COLLABORATION WITHIN EACH DIVISION

## COLLABORATION AMONGST FACULTY AND STAFF WITHIN EACH DIVISION:



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FACULTY SURVEY ANALYSIS

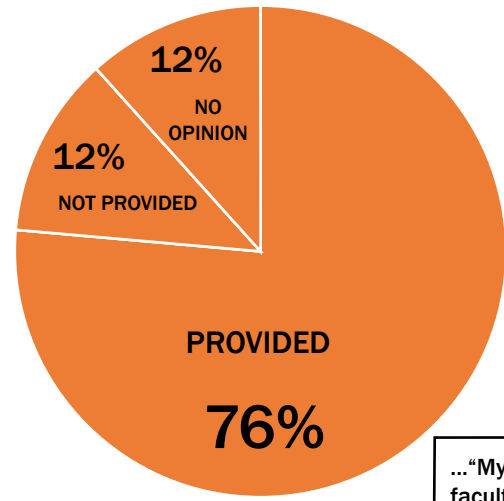
# FACULTY COLLABORATION

C18

LOWER SCHOOL  
 MIDDLE SCHOOL  
 UPPER SCHOOL

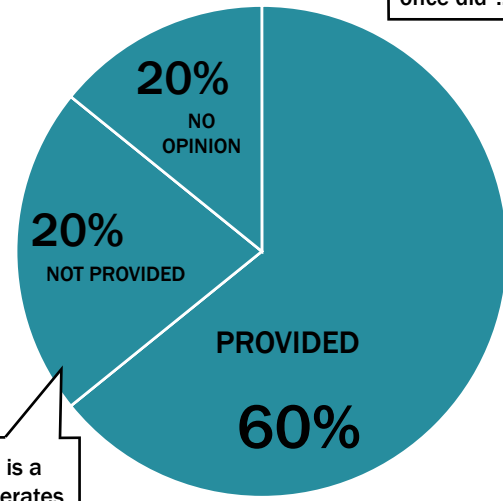
# FACULTY ROOM

## A FACULTY WORKROOM / LOUNGE SHOULD BE:



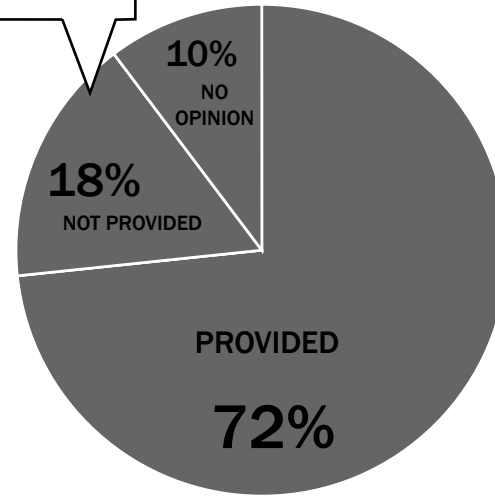
LOWER SCHOOL

...“My experience is a faculty room generates negative response and is an ineffective work space”...



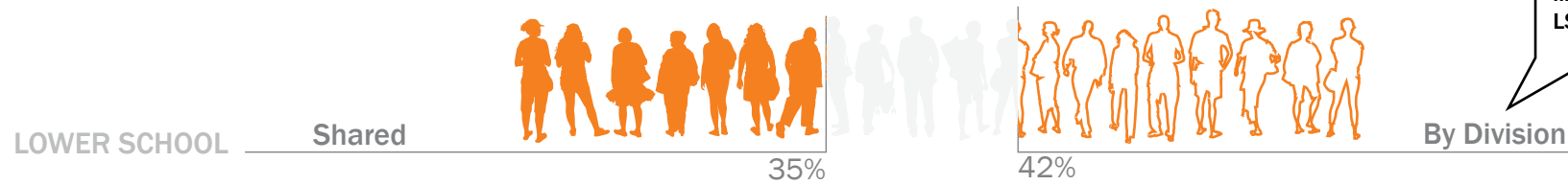
MIDDLE SCHOOL

...“Faculty lounges are a bit obsolete as very little lounging takes place– and with email and electronic communication, it doesn’t serve the purpose it once did”...

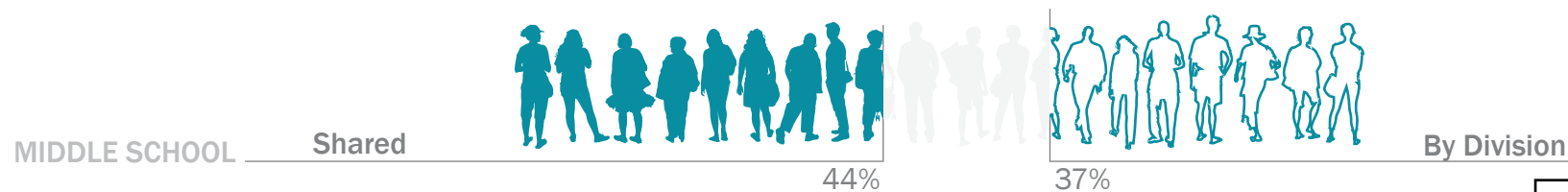


UPPER SCHOOL

## OF THOSE WHO THINK IT SHOULD BE PROVIDED:



...“A large lower school workroom would be great for LS collaboration. Lounge space is less important”...



...“Faculty will use lounges if their classrooms and offices are near them. Few faculty will make a special trip”...



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FACULTY SURVEY ANALYSIS

# FACULTY WORKROOM



# PARENT SURVEY ANALYSIS



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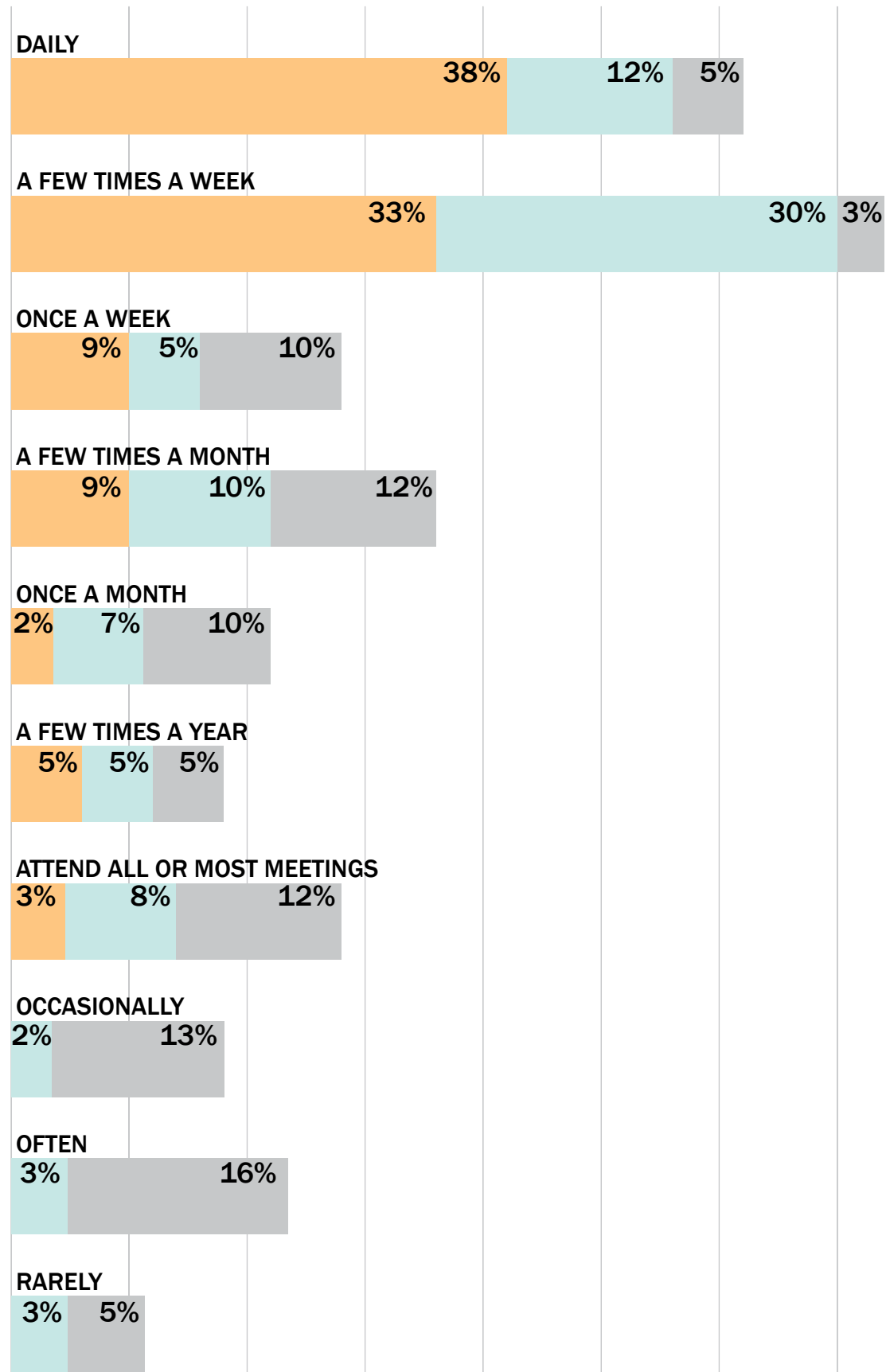
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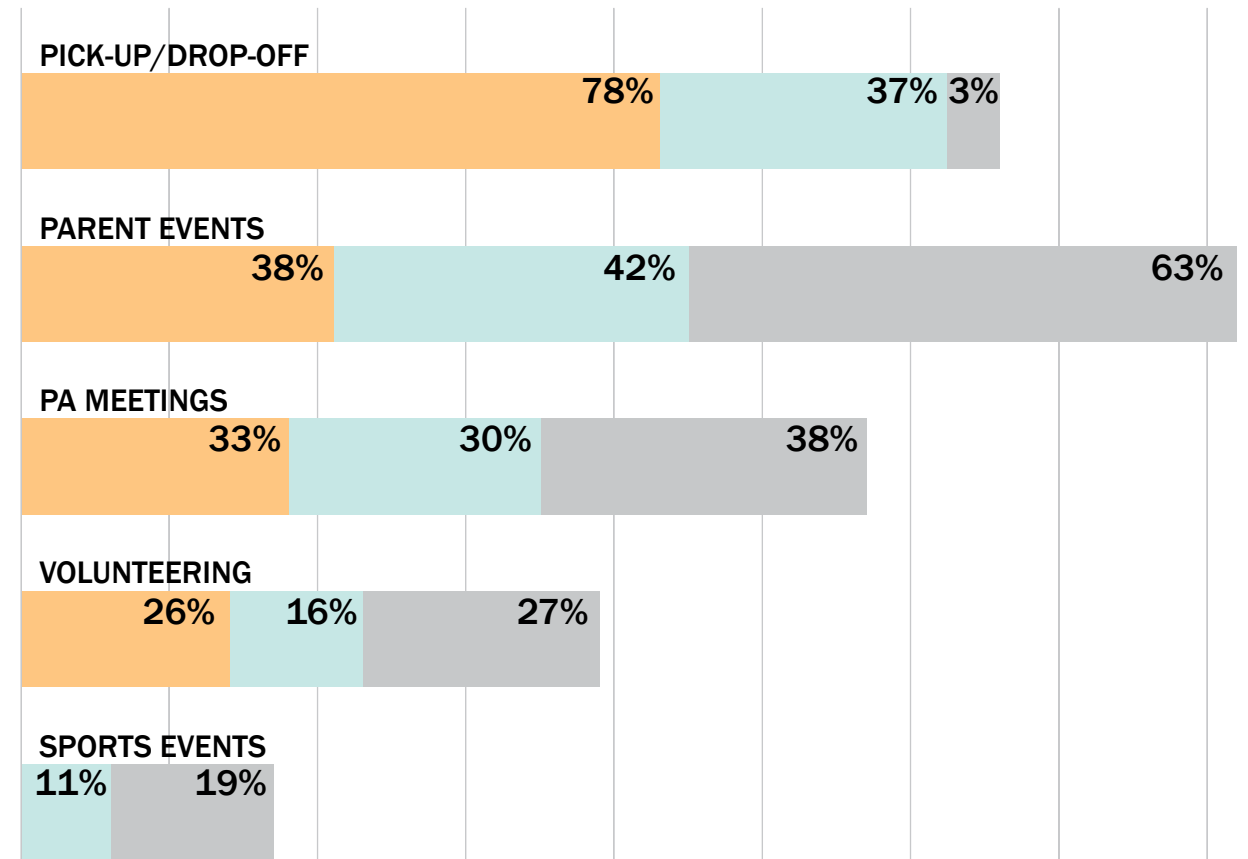
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PARENT SURVEY RESULTS

HOW OFTEN ARE YOU AT THE SCHOOL?



FOR WHAT PURPOSE ARE YOU AT THE SCHOOL?



PARENT SURVEY RESULTS

C20

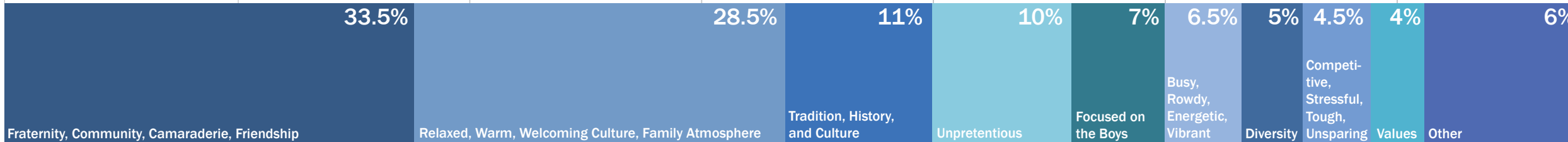


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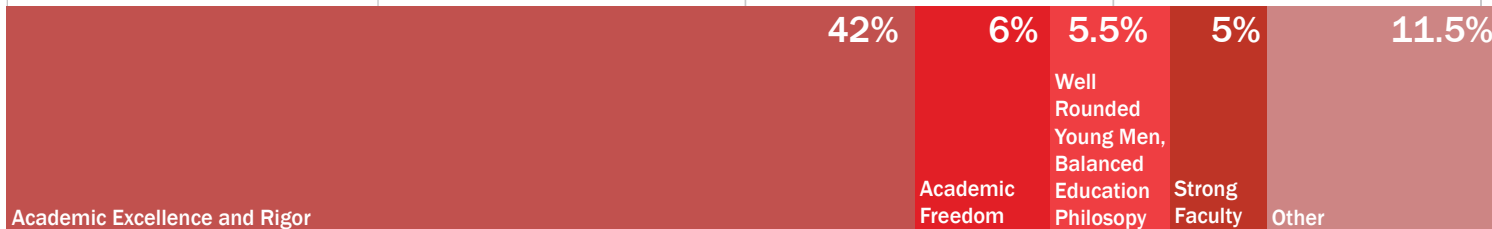
**QUESTION 1:** How often are you at the school and for what purposes?

**CHARACTER**



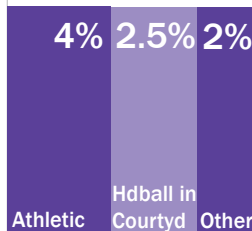
Active and Devoted Parents - 2.5%  
 Elitist - 1.5%  
 Cool - 1.5%  
 Individuality - 0.5%

**ACADEMICS**



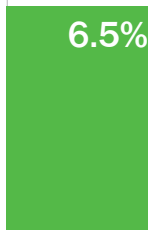
Traditional, yet Forward Thinking Curriculum - 4%  
 Strong Teacher-Student Relationships- 3.5%  
 Original, Creative, and Unconventional - 3%  
 Speakers and Lectures - 0.5%  
 Artistic - 0.5%

**ATHLETICS**



School spirit and Sportsmanship - 1.5%  
 Unathletic - 0.5%

**PHYSICAL CHARACTERISTICS**



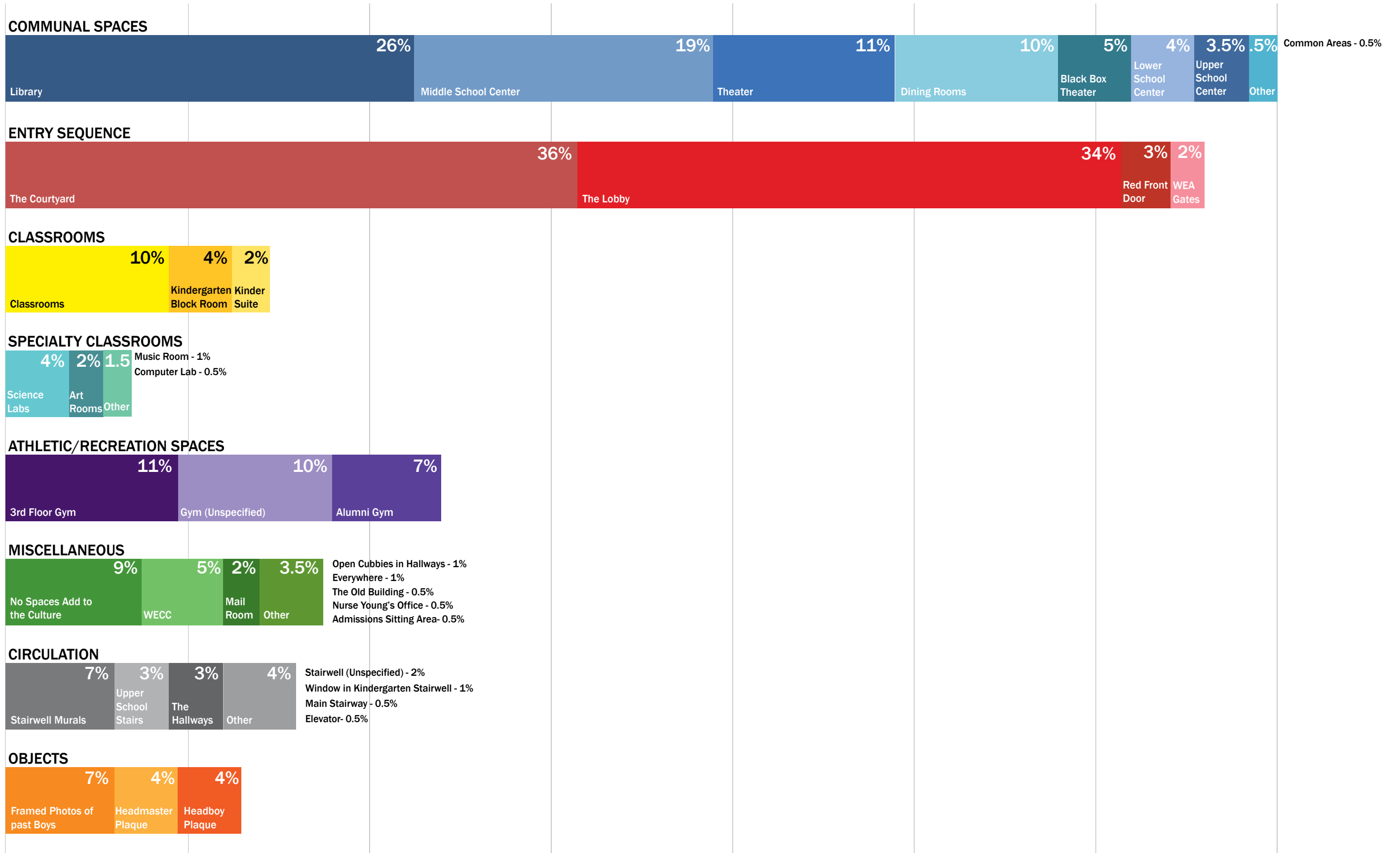
Small, Intimate - 2.5%  
 Aging, Uneven Quality of Facilities - 1.5%  
 Crowded and Loud - 1%  
 Lobby Pick-up and Drop-off - 1%  
 The "Wretched" Courtyard - 0.5%



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**QUESTION 2:** What immediately comes to mind when you think of Collegiate School culture?



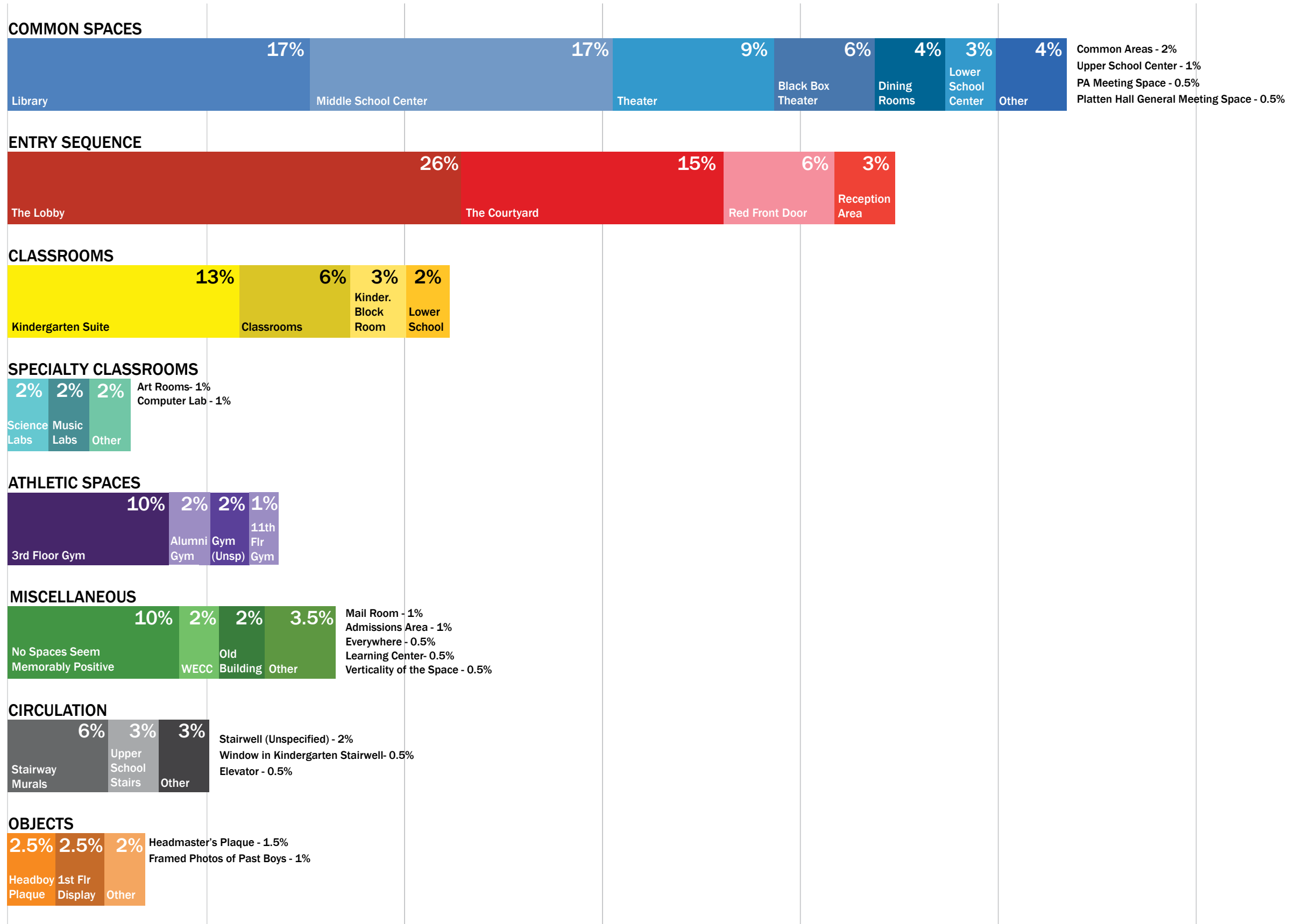
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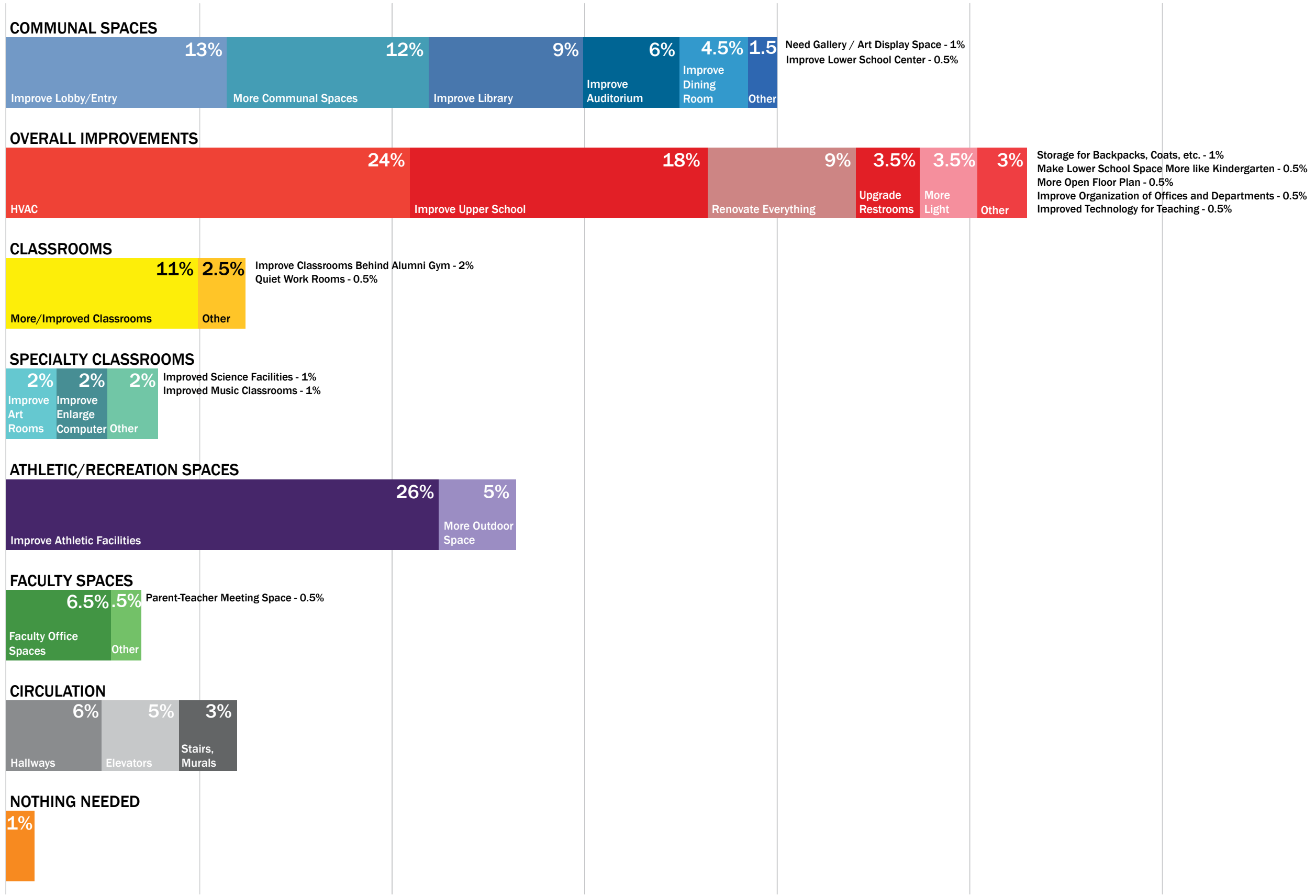
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PARENT SURVEY RESULTS

**QUESTION 3:** Identify and describe the places in the current building that embody and/or promote the culture of Collegiate School





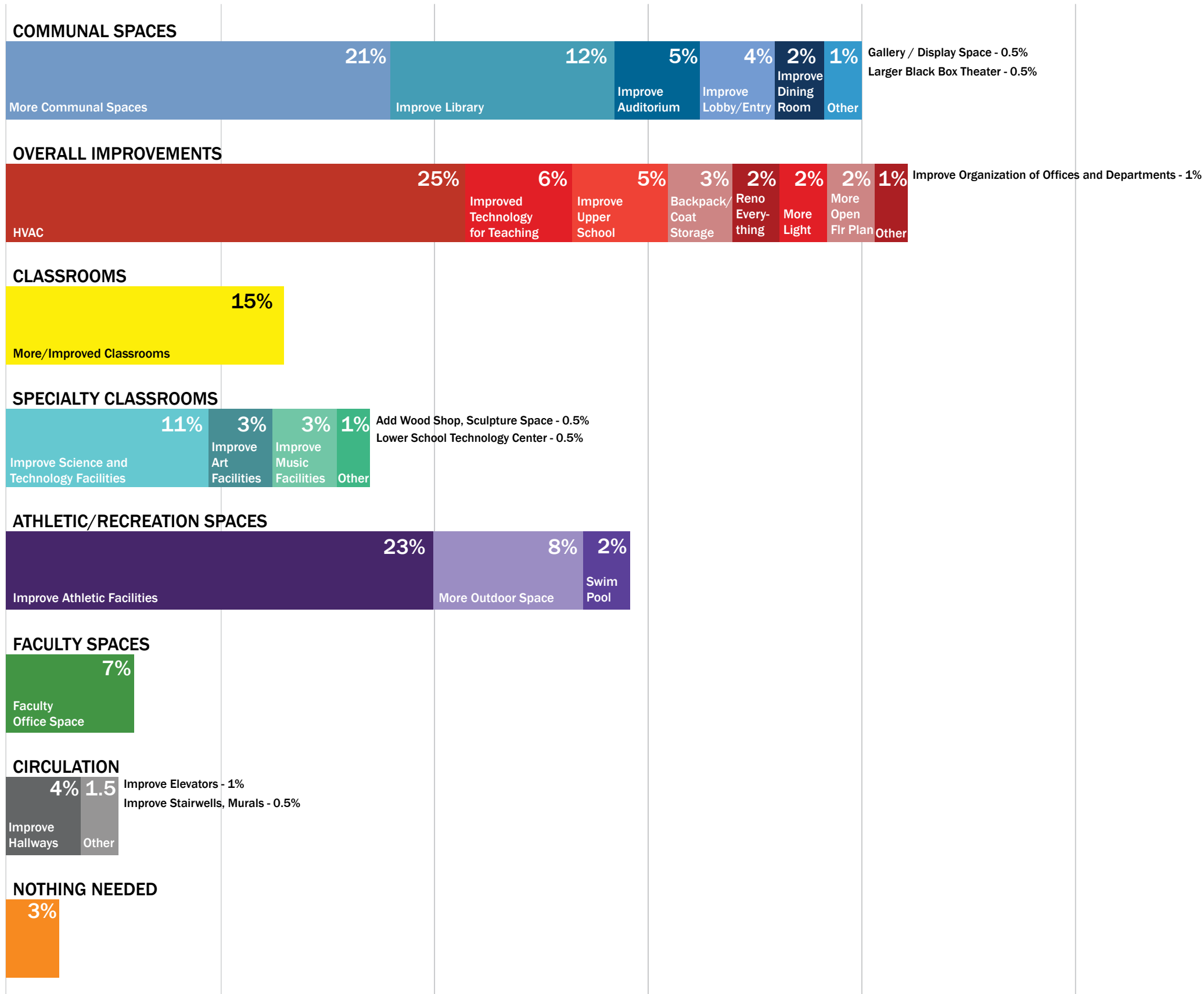


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PARENT SURVEY RESULTS

**QUESTION 5:** When visiting the school, what spaces and aspects of the building suggest a need for change or improvement?



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PARENT SURVEY RESULTS

**QUESTION 6:** What is needed in the building to better serve and expand the Collegiate School education and experience for your son(s)?

# COLLEGIATE SCHOOL

NOVEMBER 8TH, 2011



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## ALUMNI SURVEY PRESENTATION



# ALUMNI SURVEY ANALYSIS



**COLLEGIATE SCHOOL**

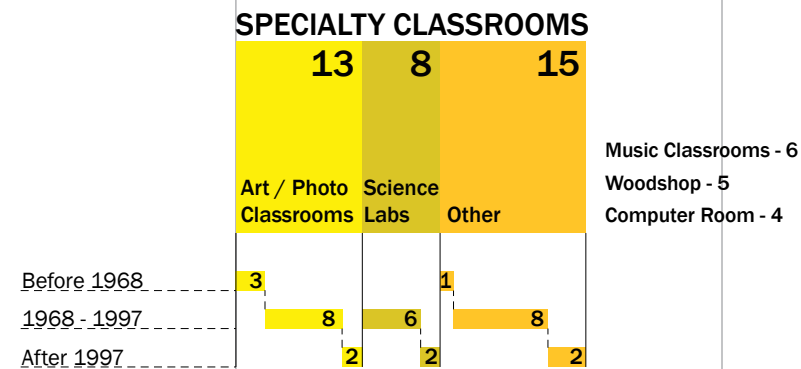
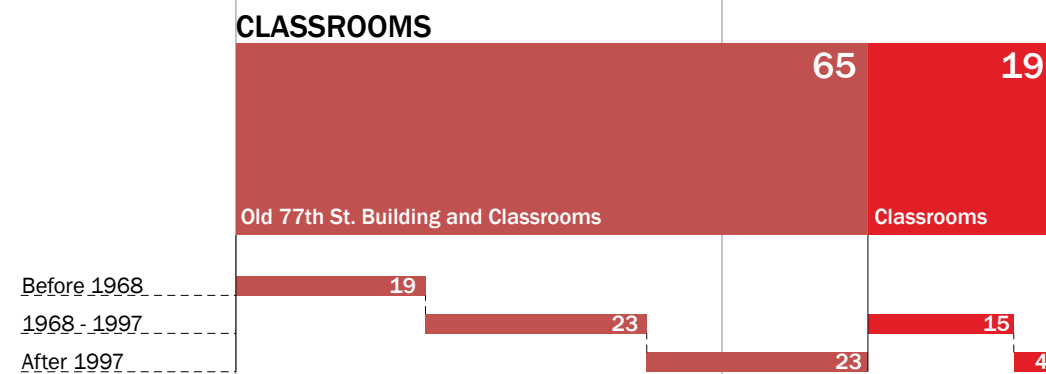
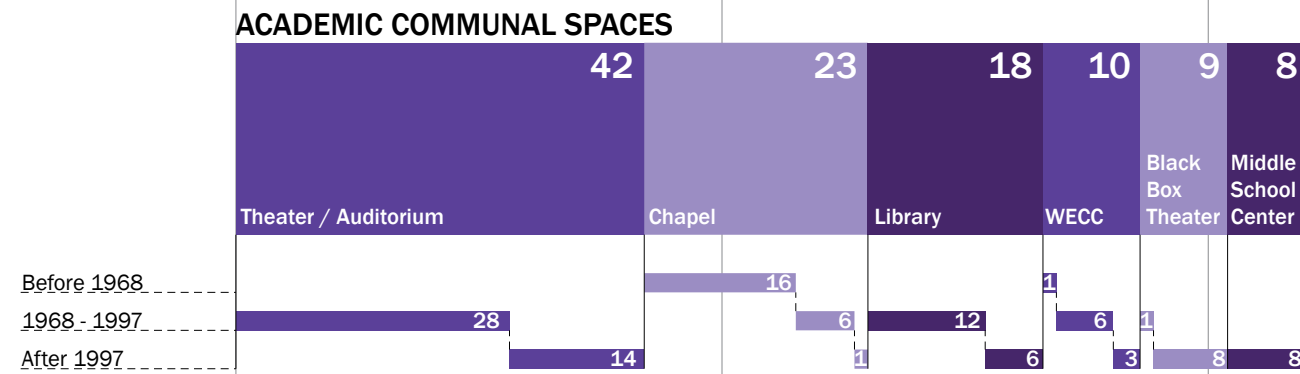
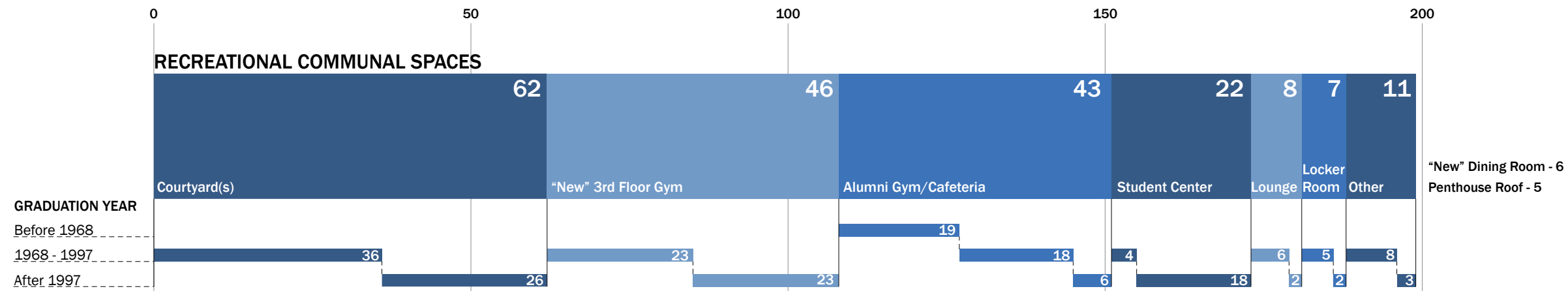
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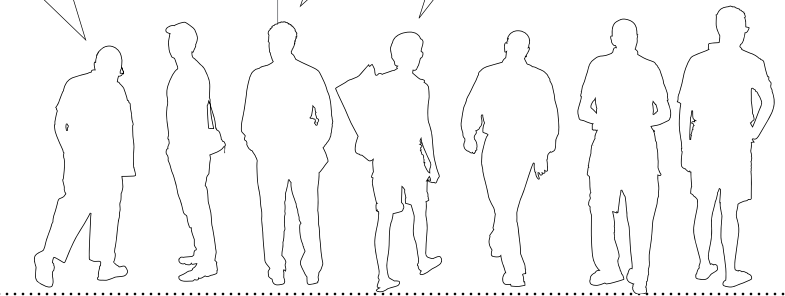
ALUMNI SURVEY RESULTS



Especially in the Lower School, the Courtyard was the defining space of our "play" time and birthplace for many of my closest friendships at the time (with individuals who remain among my closest friends to this day). In particular, I knew at the time that the handball games I was playing connected me, through the game and the location, to generations of older students, and I later got to see subsequent classes continuing the tradition.

Collegiate's most meaningful spaces were the ones where students had a feeling of ownership or control of the space, such as the student center and lobby during the day.

I think that we need to be careful not to let our yearning for the past prevent us from developing facilities that reflect the needs of the next generation of Collegiate's students.



# of Respondents:

Before 1968	42
1968-1997	99
After 1997	67
<b>Total</b>	<b>208</b>

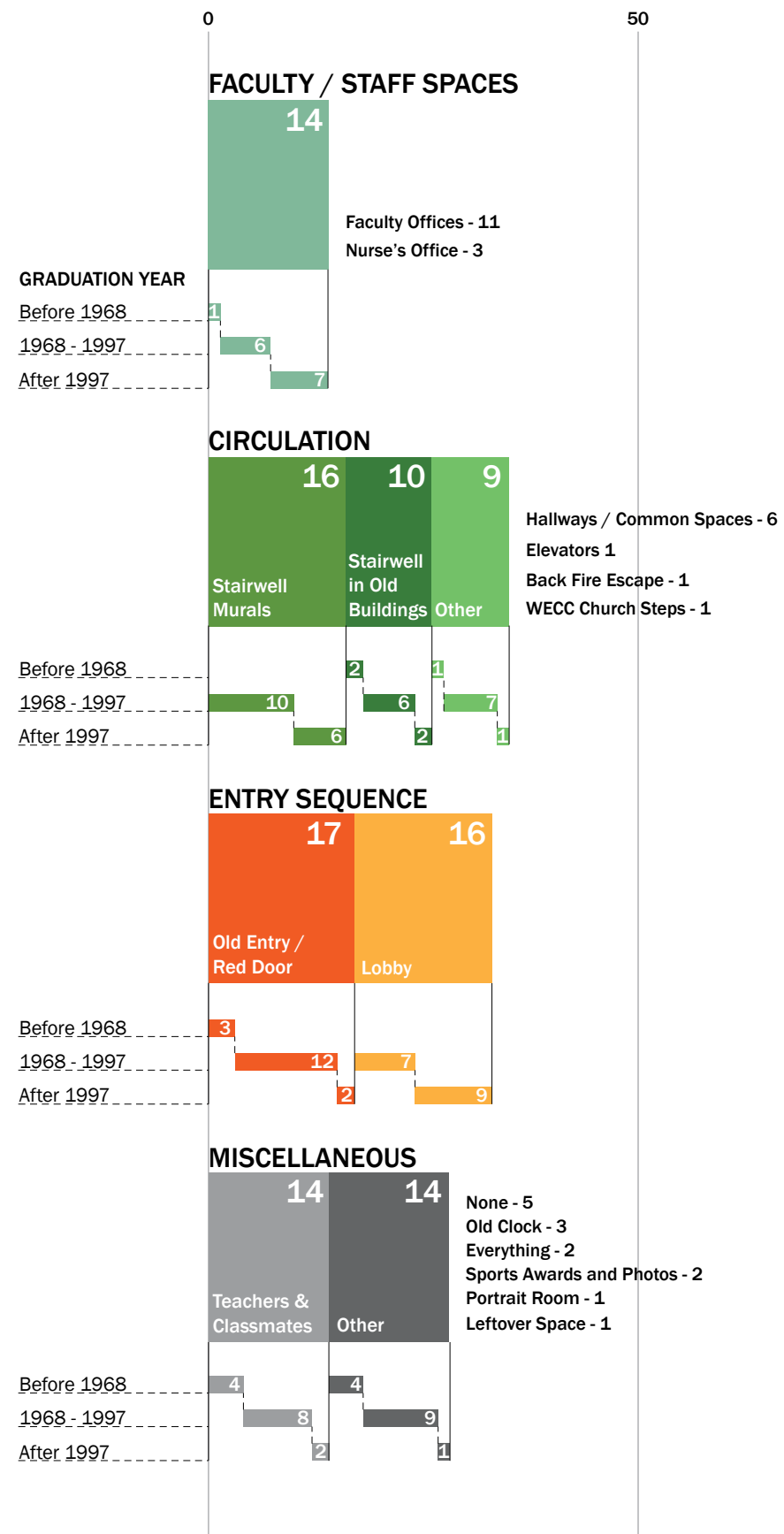
ALUMNI SURVEY RESULTS



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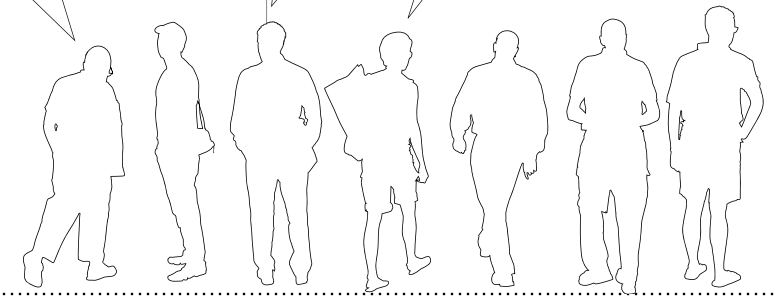
**QUESTION 1:** What spaces at Collegiate were most meaningful and memorable to you?



The walls of the stairways that the students painted. The fact that, as students, we could make our own imprint on the facility really made an impression on me, both as a lower schooler where I looked forward to the chance to paint the walls, and as a middle/upper schooler where I could add my own paintings.

The actual red doors were meaningful - they greeted you in the a.m. and sent you home in the p.m.

What made the most meaningful spaces meaningful is merely the fact that we spent so much time there: plenty of changes would make me sad and nostalgic, but not really because the places themselves were so wonderful per se.



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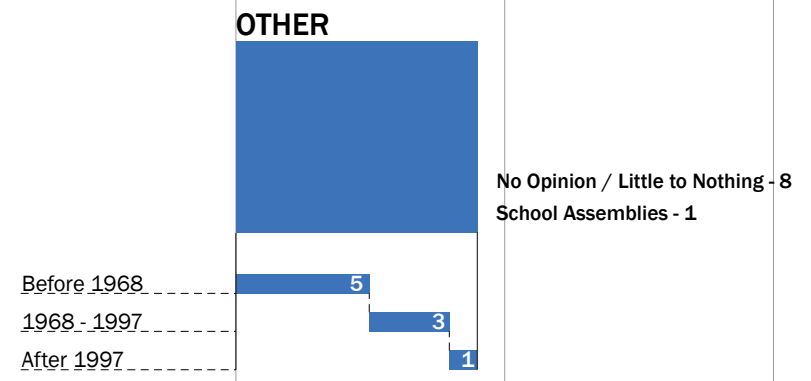
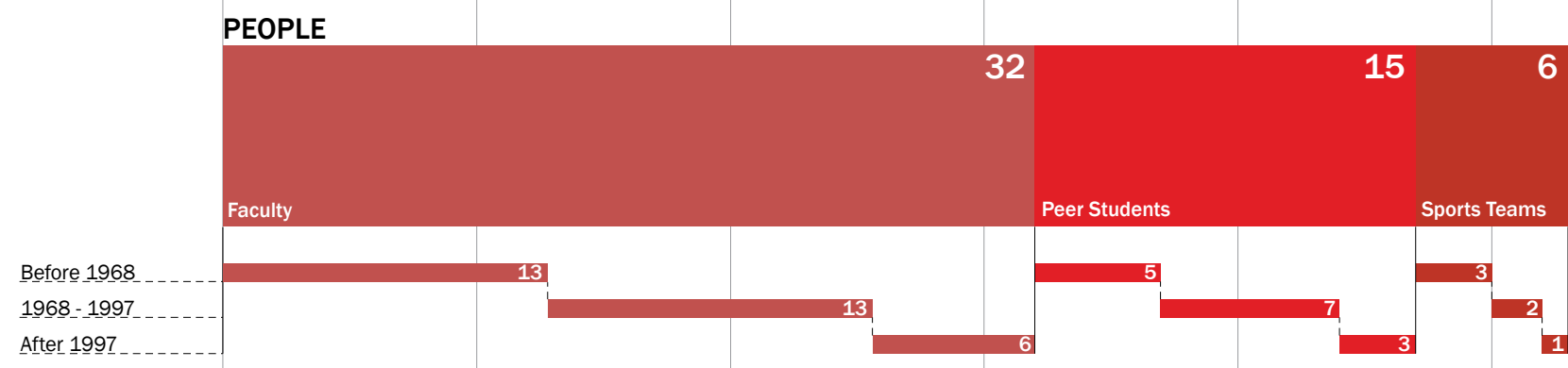
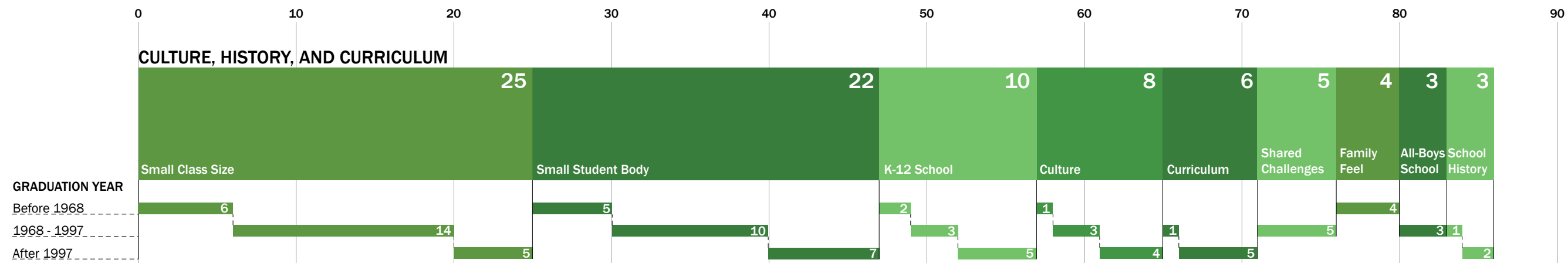
ALUMNI SURVEY RESULTS



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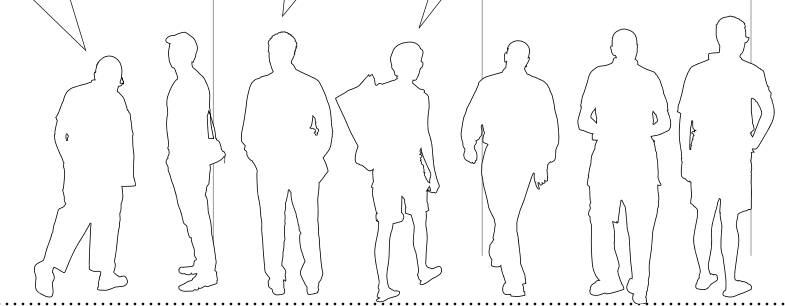
**QUESTION 1:** What spaces at Collegiate were most meaningful and memorable to you?  
 (continued)



Navigating challenges binds people together. Collegiate presented lots of challenges. The tight confines of the space served to increase the challenge and thus increase the bond.

Teachers who cared and were invested in the lives of students.

More than any particular space, I think the strength of the bonds formed at Collegiate is the result of a small community of boys growing up together while being pushed hard by a rigorous academic program.



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ALUMNI SURVEY RESULTS

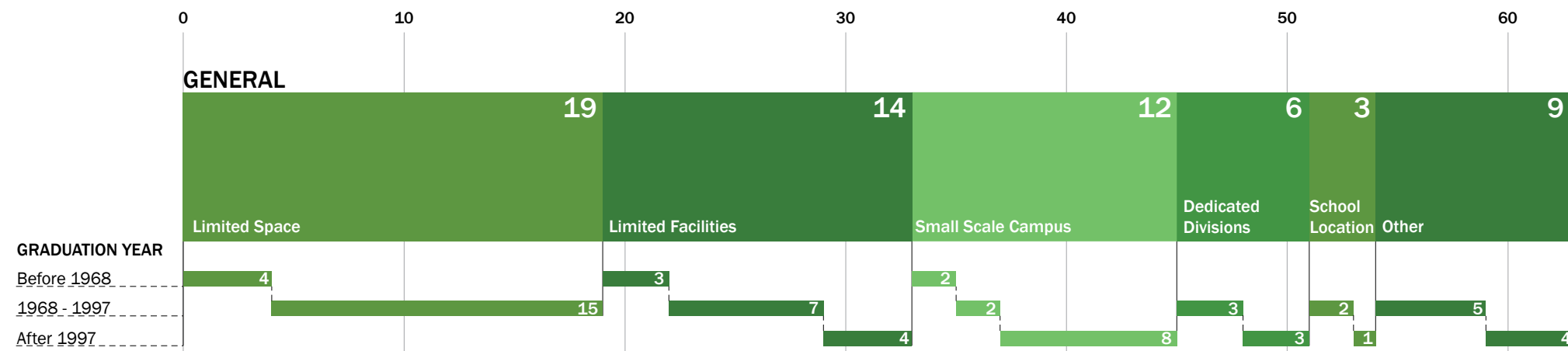


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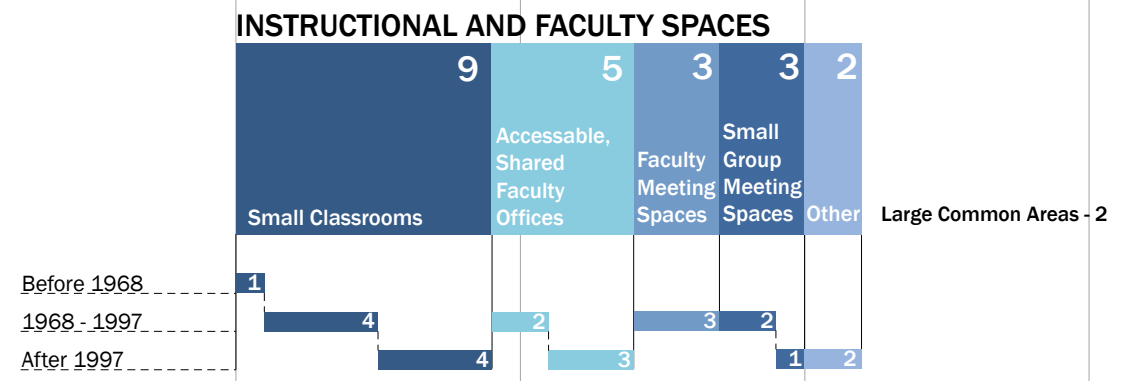
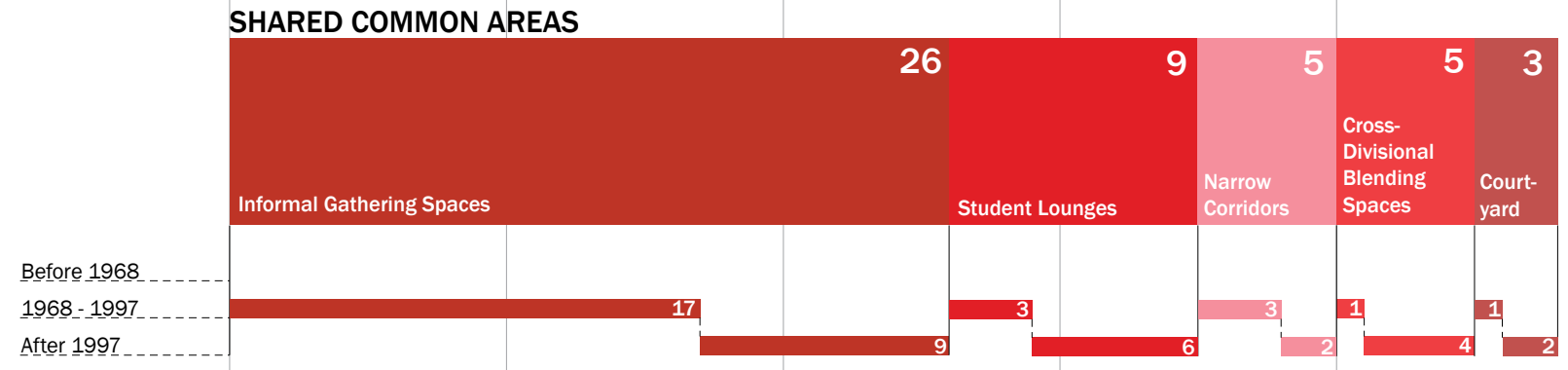
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**QUESTION 2A:** What about Collegiate allowed you to form relationships during your time there?

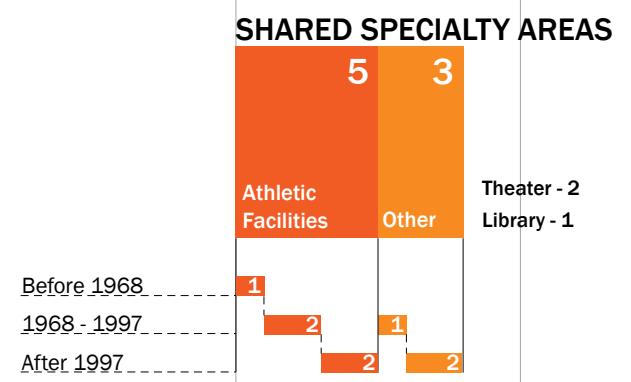




Simple Facilities - 2  
 Open Campus - 2  
 Old and New Facilities - 2  
 Iconic Building Elements - 2  
 Dedicated Department Areas - 1



Large Common Areas - 2

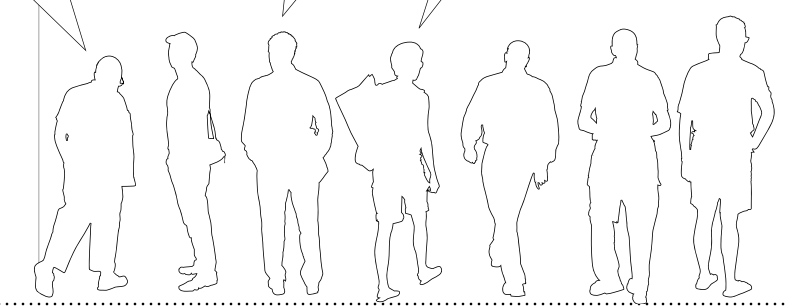


Theater - 2  
 Library - 1

Thinking specifically about the Upper School, it was the almost ridiculous how small the classroom and hallways were. And yet, I think this confined space facilitated extremely close relationships with teachers and other students. We were often forced to be in one another's faces, usually for the better.

The small size of the classrooms and the winding hallways added to the sense of community.

The many small, possibly unintended spaces—fire escapes in the old building, the varsity locker room, the mail room, student centers—are where some of my best memories reside.



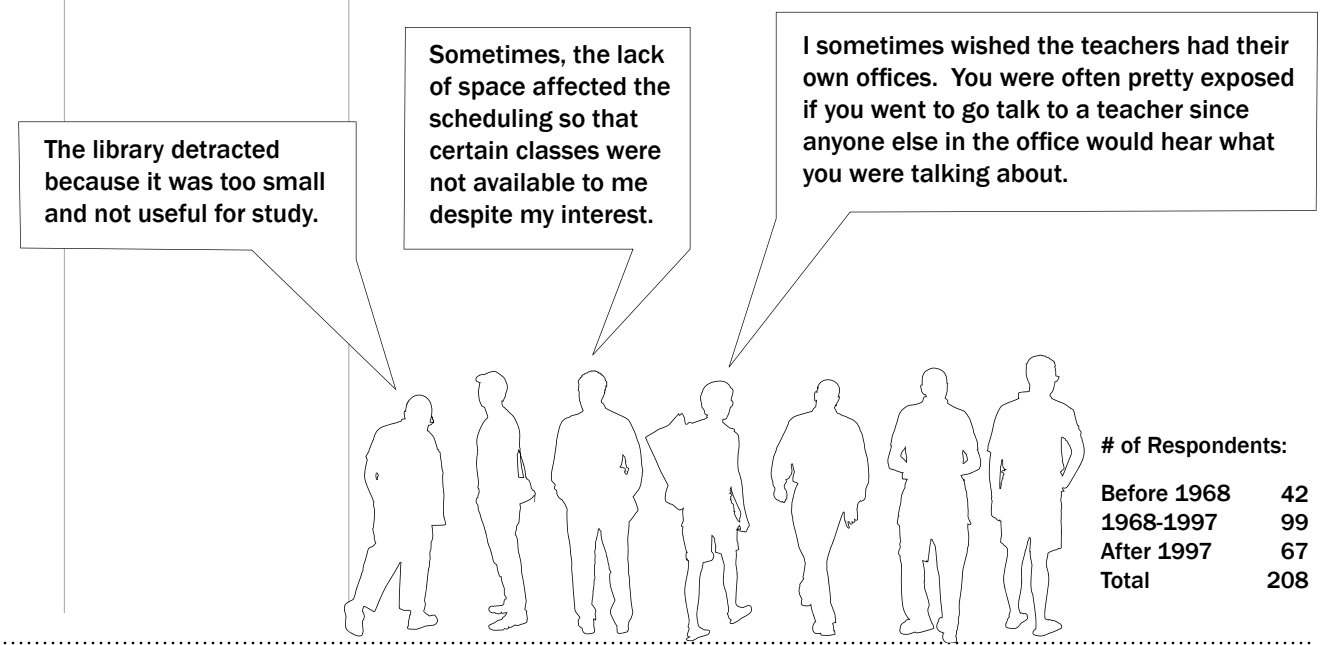
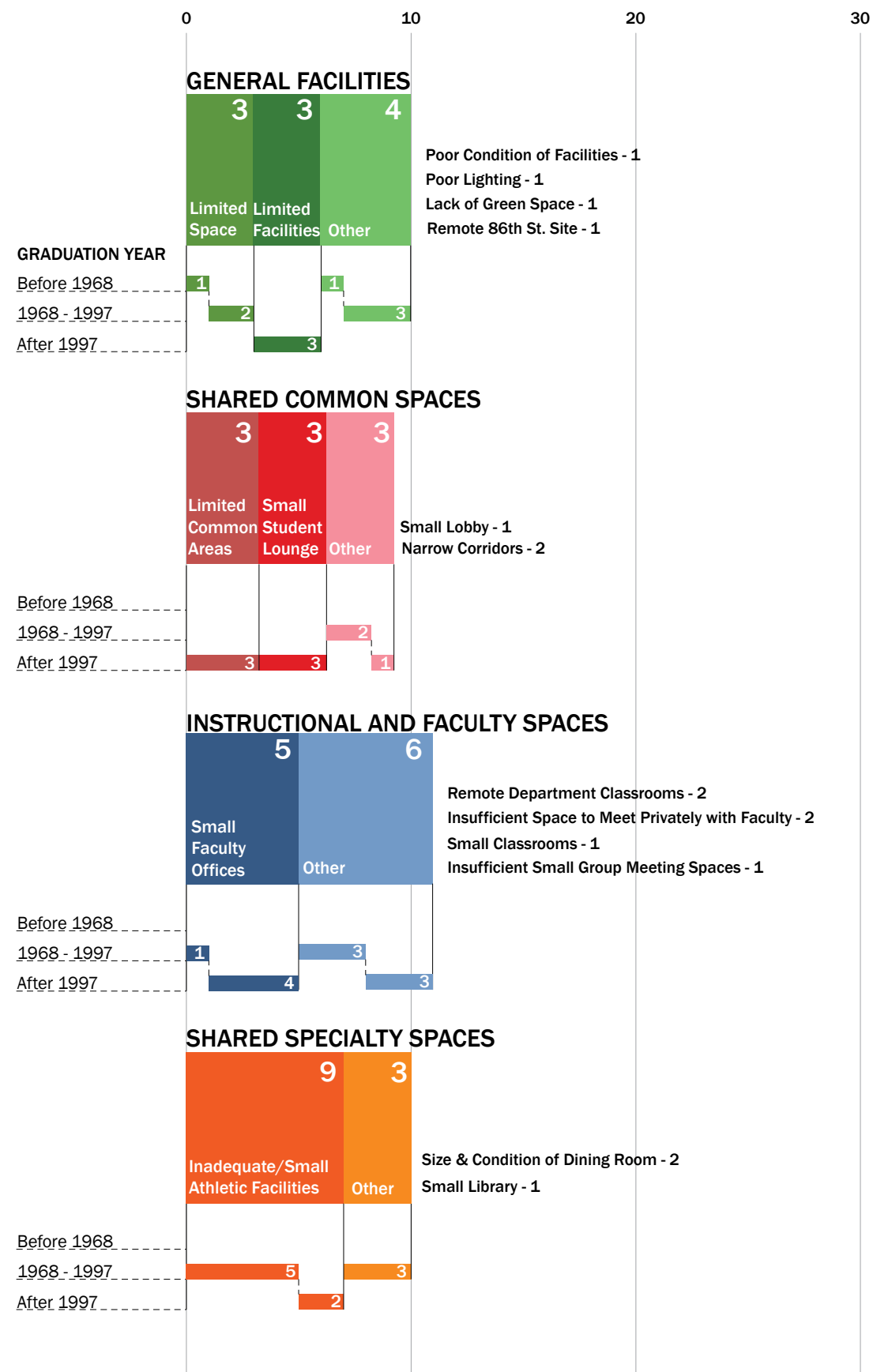
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**QUESTION 2B:** How did Collegiate's facilities CONTRIBUTE to the relationships that formed at Collegiate?



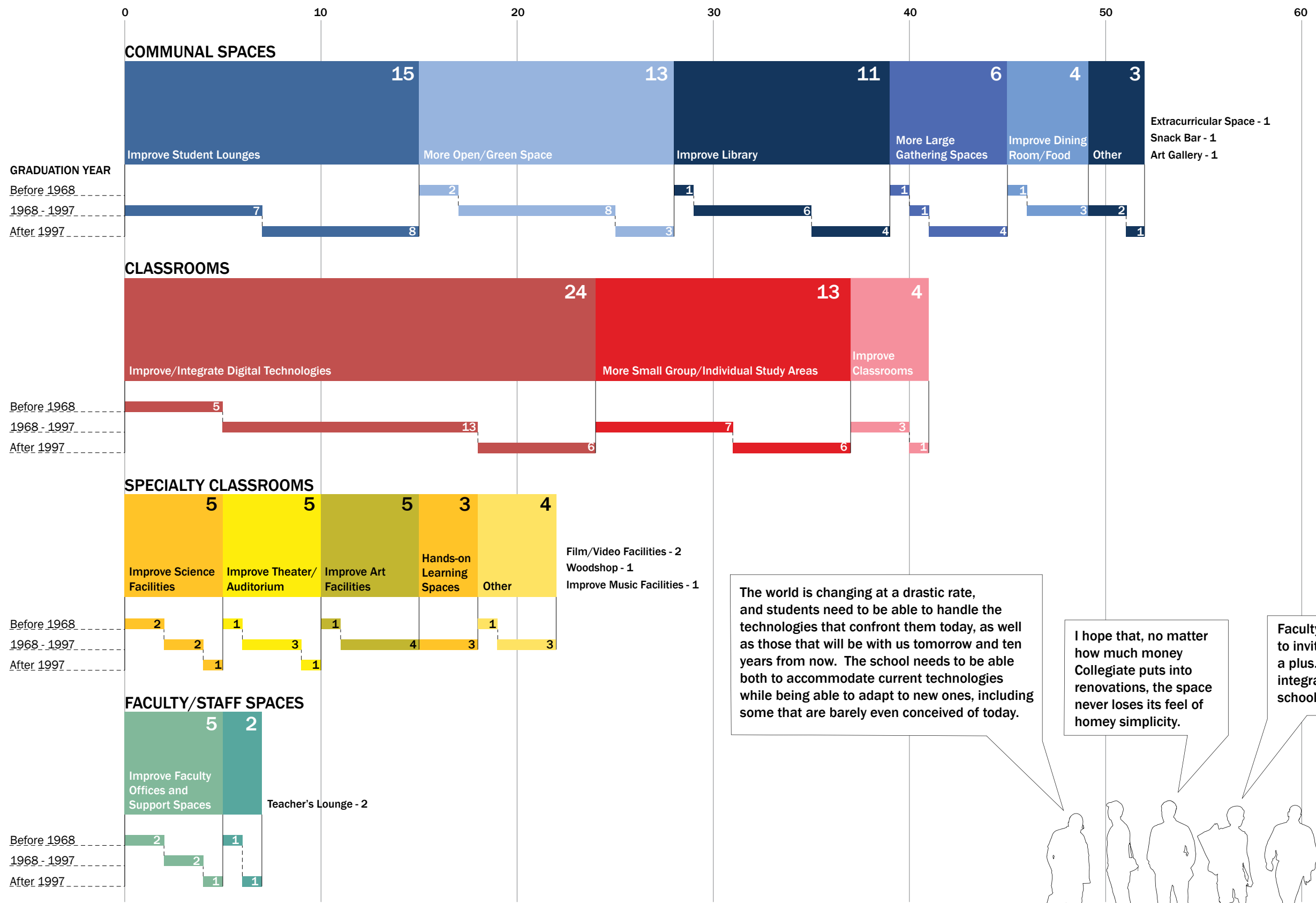
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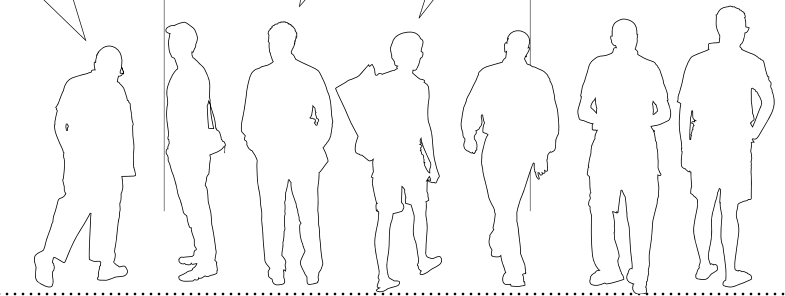
**QUESTION 2C:** How did Collegiate's facilities DETRACT from the relationships that formed at Collegiate?



The world is changing at a drastic rate, and students need to be able to handle the technologies that confront them today, as well as those that will be with us tomorrow and ten years from now. The school needs to be able both to accommodate current technologies while being able to adapt to new ones, including some that are barely even conceived of today.

I hope that, no matter how much money Collegiate puts into renovations, the space never loses its feel of homey simplicity.

Faculty offices that are spacious enough to invite students in to hang out would be a plus. Faculty space needs to be well integrated into the "flow" of students at the school so it is easy to drop in and out.



**# of Respondents:**

Before 1968	42
1968-1997	99
After 1997	67
<b>Total</b>	<b>208</b>

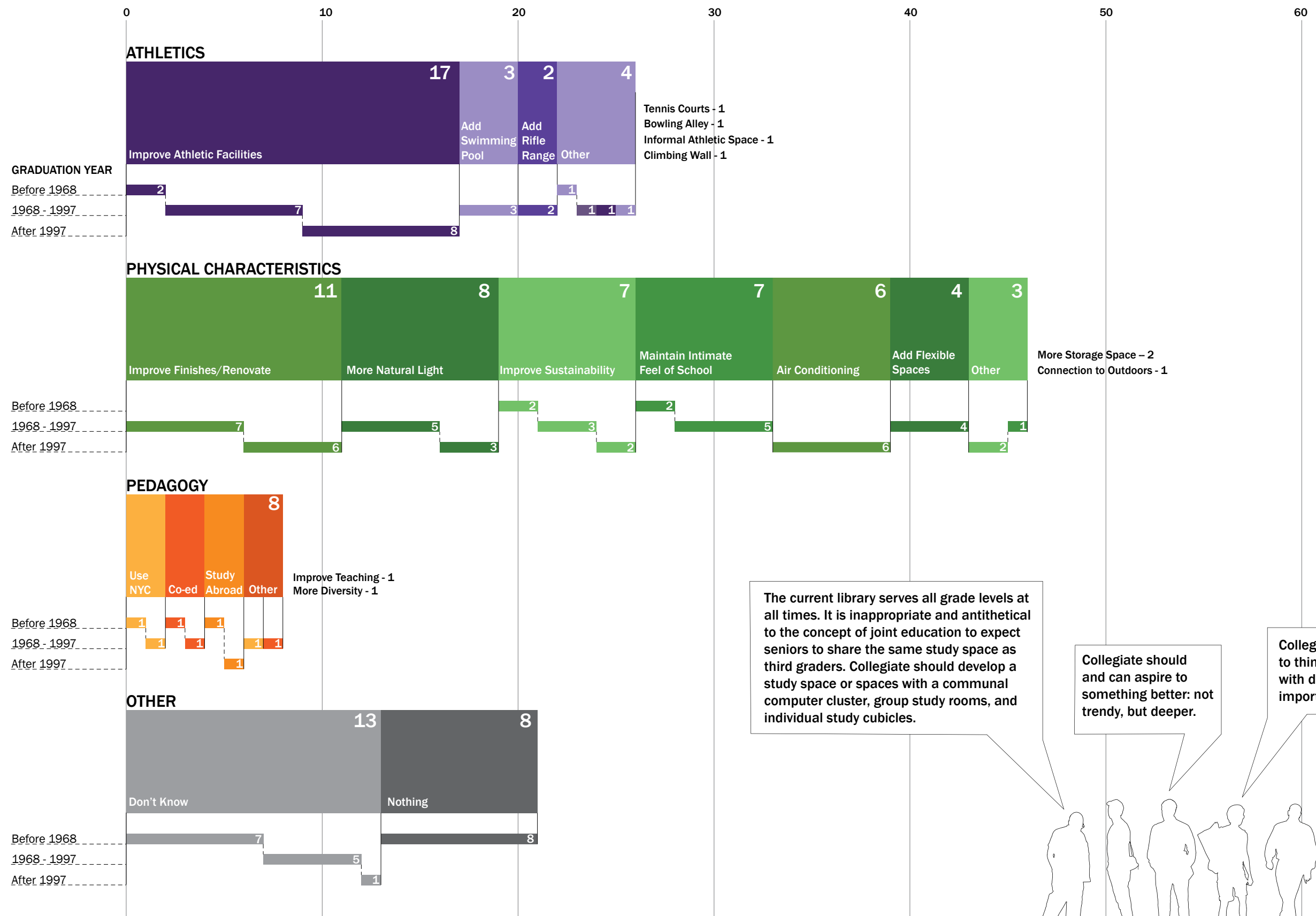
**ALUMNI SURVEY RESULTS**



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**QUESTION 3:** If you were a student at the school now, what would you enjoy having as part of Collegiate's facilities that would enrich your education?



The current library serves all grade levels at all times. It is inappropriate and antithetical to the concept of joint education to expect seniors to share the same study space as third graders. Collegiate should develop a study space or spaces with a communal computer cluster, group study rooms, and individual study cubicles.

Collegiate should and can aspire to something better: not trendy, but deeper.

Collegiate taught me how to write and how to think, both of which required classrooms with desks, a blackboard and, most importantly, fantastic teachers.



# of Respondents:

Before 1968	42
1968-1997	99
After 1997	67
<b>Total</b>	<b>208</b>

ALUMNI SURVEY RESULTS



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**QUESTION 3:**  
(continued)

If you were a student at the school now, what would you enjoy having as part of Collegiate's facilities that would enrich your education?



**SPACE UTILIZATION ANALYSIS**

A consistent theme throughout all faculty, staff and administration interviews, surveys, and class observations is a severe lack of space. The result is restrictive scheduling which affects the curriculum and potentially what is best educationally for the boys.

The goal of the space utilization study was to document factually what was being said anecdotally. As much data as possible was collected from numerous sources and consolidated into one chart to show a typical two-week schedule for Spring 2011. Source materials included master schedules for all Divisions, schedules from the different departments (i.e. art, music, science, physical education, library), building services request forms, and sign-up sheets for various rooms and student centers.

The space utilization chart is incomplete due to a lack of available information, but it will be continually refined as more data is unearthed. The most complete information is on classroom and specialty classroom spaces. The preliminary analysis therefore has focused on these spaces.

The two major space shortages that impact everything else in the schedule are the dining room and athletic facilities. Enlarging the dining room will alleviate some scheduling issues. In terms of the number and size of athletic spaces, scheduling information is incomplete and requires further research.

The most comprehensive way to understand utilization is to analyze efficient use by capacity (is the room used by the maximum number of students that can fit in that room) and by time (how often is the room occupied vs. empty). There is insufficient data on capacity, so this preliminary analysis focuses on time.

**SUMMARY OF KEY FINDINGS**

85% utilization is considered highly efficiency for primary, middle and high schools with a moderate amount of specialty rooms. A range of 67% to 75% is considered more realistic and achievable. For schools with large amounts of specialty curriculum, which Collegiate has, utilization rates are expected to be even less.

**Classroom efficiency:** Preliminary findings show classrooms at the high end of efficiency from a time perspective, and would benefit from more rooms. Lower School classroom efficiency, taking into account dedicated LS science, art and music, ranges from 72% to 91%. Middle School classroom efficiency, taking into account dedicated MS science, ranges from 65% to 83%. Upper School classroom efficiency, taking into account dedicated science, ranges from 57% to 75%. These efficiencies would likely increase if capacity was taken into account.

**Athletic facilities efficiency:** Preliminary findings show the gyms (3rd and 11th floors) at the high end of efficiency from a time perspective. Not including Fridays, efficiency ranges from 70% to 84%. When the fitness room is included in the calculation, the range drops dramatically to 51% to 62%. This preliminary finding indicates that 2 gyms may be sufficient if additional athletic rooms that fit entire classes are provided (i.e. expanded fitness room, movement room for yoga/martial arts/dance, enlarged gym that can partition into two separate spaces, etc.)

**Borrowed rooms:** Patterns of borrowed spaces were identified. US Math borrowed 39 times over a typical 2 week period, using MS classrooms, Science rooms, and an occasional music room and computer lab. This indicates a shortage of US classrooms. MS Chorus borrowed a MS classroom 5 times over a typical 2 week period, which may indicate a shortage in music facilities, especially since the noise of music is potentially an incompatible use with adjacent classrooms. US Art borrowed US Science rooms 4 times.

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COLLEGIATE SCHOOL  
% SPACE UTILIZATION OF DEDICATED CLASSROOM BY DIVISION

LOWER SCHOOL CLASSROOMS													
WEEK ONE	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY				
	Blank	Total	% Blank	Total	% Blank	Total	% Blank	Total	% Blank	Total	%		
8:20	0	180	100	0	180	100	2	180	98.89	2	180	98.89	####
9:20	0	180	100	0	180	100	0	180	100	12	180	93.33	
10:20	20	180	88.89	20	180	88.89	20	180	88.89	20	180	88.89	
11:20	93	180	48.33	81	180	55	91	180	49.44	92	180	48.89	9 135 93.33
12:20	48	180	73.33	56	180	68.89	62	180	65.56	61	180	66.11	
1:20	6	180	96.67	16	180	91.11	12	180	93.33	15	180	91.67	
2:20	9	135	93.33	18	135	86.67	20	135	85.19	18	135	86.67	
<b>Subtotal</b>	176	1215	<b>85.51</b>	191	1215	<b>84.28</b>	207	1215	<b>82.96</b>	208	1215	<b>82.88</b>	33 675 <b>95.11</b>
<b>+Science</b>	194	1296	<b>85.03</b>	209	1296	<b>83.87</b>	225	1296	<b>82.64</b>	215	1296	<b>83.41</b>	45 720 <b>93.75</b>
<b>+Art</b>	223	1377	<b>83.81</b>	238	1377	<b>82.72</b>	276	1377	<b>79.96</b>	266	1377	<b>80.68</b>	57 765 <b>92.55</b>
<b>+Music</b>	271	1539	<b>82.39</b>	318	1539	<b>79.34</b>	378	1539	<b>75.44</b>	357	1539	<b>76.8</b>	81 855 <b>90.53</b>
<b>+Tech</b>	529	2349	<b>77.48</b>	706	2349	<b>69.94</b>	804	2349	<b>65.77</b>	728	2187	<b>66.71</b>	197 1305 <b>84.9</b>
<b>TOTAL</b>			<b>77.48</b>			<b>69.94</b>			<b>65.77</b>			<b>66.71</b>	<b>84.9</b>

LOWER SCHOOL CLASSROOMS													
WEEK TWO	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY				
	Blank	Total	% Blank	Total	% Blank	Total	% Blank	Total	% Blank	Total	%		
8:20	2	180	98.89	0	180	100	0	180	100	0	180	100	12 180 <b>93.33</b>
9:20	0	180	100	0	180	100	4	180	97.78	0	180	100	14 180 <b>92.22</b>
10:20	20	180	88.89	17	180	90.56	28	180	84.44	24	180	86.67	20 180 <b>88.89</b>
11:20	95	180	47.22	72	180	60	61	180	66.11	101	180	43.89	9 135 <b>93.33</b>
12:20	58	180	67.78	65	180	63.89	101	180	43.89	76	180	57.78	
1:20	12	180	93.33	12	180	93.33	86	180	52.22	22	180	87.78	
2:20	15	135	88.89	9	135	93.33	9	135	93.33	15	135	88.89	
<b>Subtotal</b>	202	1215	<b>83.37</b>	175	1215	<b>85.6</b>	289	1215	<b>76.21</b>	238	1215	<b>80.41</b>	55 675 <b>91.85</b>
<b>+Science</b>	209	1296	<b>83.87</b>	193	1296	<b>85.11</b>	307	1296	<b>76.31</b>	256	1296	<b>80.25</b>	67 720 <b>90.69</b>
<b>+Art</b>	249	1377	<b>81.92</b>	244	1377	<b>82.28</b>	347	1377	<b>74.8</b>	285	1377	<b>79.3</b>	90 765 <b>88.24</b>
<b>+Music</b>	329	1539	<b>78.62</b>	314	1539	<b>79.6</b>	438	1539	<b>71.54</b>	364	1539	<b>76.35</b>	125 855 <b>85.38</b>
<b>+Tech</b>	728	2349	<b>69.01</b>	724	2349	<b>69.18</b>	909	2349	<b>61.3</b>	780	2349	<b>66.79</b>	316 1305 <b>75.79</b>
<b>TOTAL</b>			<b>69.01</b>			<b>69.18</b>			<b>61.3</b>			<b>66.79</b>	<b>75.79</b>

MIDDLE SCHOOL CLASSROOMS													
WEEK ONE	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY				
	Blank	Total	% Blank	Total	% Blank	Total	% Blank	Total	% Blank	Total	%		
8:20	34	168	79.76	34	168	79.76	26	168	84.52	33	168	80.36	24 168 <b>85.71</b>
9:20	18	168	89.29	20	168	88.1	54	168	67.86	26	168	84.52	26 168 <b>84.52</b>
10:20	48	168	71.43	14	168	91.67	35	168	79.17	15	168	91.07	45 168 <b>73.21</b>
11:20	118	168	29.76	116	168	30.95	102	168	39.29	70	168	58.33	74 168 <b>55.95</b>
12:20	51	168	69.64	63	168	62.5	83	168	50.6	47	168	72.02	31 168 <b>81.55</b>
1:20	36	168	78.57	42	168	75	39	168	76.79	42	168	75	13 182 <b>92.86</b>
2:20	37	182	79.67	36	182	80.22	54	126	57.14	48	182	73.63	
<b>Subtotal</b>	342	1190	<b>71.26</b>	1031	3539	<b>70.87</b>	1197	3483	<b>65.63</b>	1009	3377	<b>70.12</b>	410 2327 <b>82.38</b>
<b>+Science</b>	408	1360	<b>70</b>	1077	3709	<b>70.96</b>	1260	3647	<b>65.45</b>	1064	3547	<b>70</b>	450 2473 <b>81.8</b>
<b>+Tech</b>	439	1445	<b>69.62</b>	1113	3794	<b>70.66</b>	1290	3729	<b>65.41</b>	1087	3632	<b>70.07</b>	483 2546 <b>81.03</b>
<b>TOTAL</b>			<b>69.62</b>			<b>70.66</b>			<b>65.41</b>			<b>70.07</b>	<b>81.03</b>

MIDDLE SCHOOL CLASSROOMS													
WEEK TWO	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY				
	Blank	Total	% Blank	Total	% Blank	Total	% Blank	Total	% Blank	Total	%		
8:20	36	168	78.57	34	168	79.76	37	168	77.98	35	168	79.17	15 168 <b>91.07</b>
9:20	36	168	78.57	124	168	26.19	58	168	65.48	24	168	85.71	44 168 <b>73.81</b>
10:20	29	168	82.74	24	168	85.71	47	168	72.02	24	168	85.71	39 168 <b>76.79</b>
11:20	100	168	40.48	101	168	39.88	112	168	33.33	86	168	48.81	84 168 <b>50</b>
12:20	65	168	61.31	70	168	58.33	58	168	65.48	43	168	74.4	40 168 <b>76.19</b>
1:20	66	168	60.71	39	168	76.79	48	168	71.43	39	168	76.79	4 182 <b>97.8</b>
2:20	21	182	88.46	61	182	66.48	69	182	62.09	72	182	60.44	
<b>Subtotal</b>	1081	3539	<b>69.45</b>	1177	3539	<b>66.74</b>	1338	3539	<b>62.19</b>	1103	3539	<b>68.83</b>	542 2327 <b>76.71</b>
<b>+Science</b>	1128	3709	<b>69.59</b>	1242	3709	<b>66.51</b>	1408	3709	<b>62.04</b>	1157	3709	<b>68.81</b>	572 2473 <b>76.87</b>
<b>+Tech</b>	1152	3794	<b>69.64</b>	1278	3794	<b>66.32</b>	1431	3791	<b>62.25</b>	1191	3794	<b>68.61</b>	592 2546 <b>76.75</b>
<b>TOTAL</b>			<b>69.64</b>			<b>66.32</b>			<b>62.25</b>			<b>68.61</b>	<b>76.75</b>

UPPER SCHOOL CLASSROOMS													
WEEK ONE	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY				
	Blank	Total	% Blank	Total	% Blank	Total	% Blank	Total	% Blank	Total	%		
8:20	69	156	55.77	55	156	64.74	16	156	89.74	47	156	69.87	19 156 <b>87.82</b>
9:20	30	156	80.77	4	156	97.44	76	156	51.28	46	156	70.51	82 156 <b>47.44</b>
10:20	14	156	91.03	80	156	48.72	56	156	64.1	72	156	53.85	15 156 <b>90.38</b>
11:20	36	156	76.92	116	156	25.64	50	156	67.95	36	156	76.92	52 156 <b>66.67</b>
12:20	68	156	56.41	64	156	58.97	83	156	46.79	42	156	73.08	74 156 <b>52.56</b>
1:20	36	156	76.92	42	156	73.08	21	156	86.54	39	156	75	64 169 <b>62.13</b>
2:20	46	169	72.78	50	169	70.41	100	130	23.08	81	169	52.07	
<b>Subtotal</b>	299	1105	<b>72.94</b>	411	1105	<b>62.81</b>	402	1066	<b>62.29</b>	363	1105	<b>67.15</b>	306 949 <b>67.76</b>
<b>+Science</b>	379	1445	<b>73.77</b>	513	1445	<b>64.5</b>	516	1394	<b>62.98</b>	481	1445	<b>66.71</b>	396 1241 <b>68.09</b>
<b>TOTAL</b>			<b>73.77</b>			<b>64.5</b>			<b>62.98</b>			<b>66.71</b>	<b>68.09</b>

UPPER SCHOOL CLASSROOMS													
WEEK TWO	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY				
	Blank	Total	% Blank	Total	% Blank	Total	% Blank	Total	% Blank	Total	%		
8:20	47	156	69.87	110	156	29.49	60	156	61.54	46	156	70.51	13 156 <b>91.67</b>
9:20	30	156	80.77	18	156	88.46	76	156	51.28	136	156	12.82	22 156 <b>85.9</b>
10:20	7	156	95.51	80	156	48.72	36	156	76.92	37	156	76.28	23 156 <b>85.26</b>
11:20	36	156	76.92	76	156	51.28	23	156	85.26	44	156	71.79	50 156 <b>67.95</b>
12:20	71	156	54.49	64	156	58.97	94	156	39.74	64	156	58.97	88 156 <b>43.59</b>
1:20	33	156	78.85	42	156	73.08	44	156	71.79	33	156	78.85	128 169 <b>24.26</b>
2:20	57	169	66.27	50	169	70.41	104	169	38.46	115	169	31.95	
<b>Subtotal</b>	281	1105	<b>74.57</b>	440	1105	<b>60.18</b>	437	1105	<b>60.45</b>	475	1105	<b>57.01</b>	324 949 <b>65.86</b>
<b>+Science</b>	357	1445	<b>75.29</b>	563	1445	<b>61.04</b>	562	1445	<b>61.11</b>	619	1445	<b>57.16</b>	415 1241 <b>66.56</b>
<b>TOTAL</b>			<b>75.29</b>			<b>61.04</b>			<b>61.11</b>			<b>57.16</b>	<b>66.56</b>



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SPACE UTILIZATION ANALYSIS

# CLASSROOM EFFICIENCY

COLLEGIATE SCHOOL  
% SPACE UTILIZATION OF DEDICATED CLASSROOM BY DIVISION

ATHLETICS (2-GYMS + FITNESS RM)															
WEEK ONE	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY		
	Blank	Total	%	Blank	Total	%	Blank	Total	%	Blank	Total	%	Blank	Total	%
8:20	14	36	61.11	25	36	30.556	35	36	2.778	14	36	61.11	34	36	5.56
9:20	22	36	38.89	12	36	66.667	6	36	83.33	22	36	38.89	14	36	61.11
10:20	12	36	66.67	16	36	55.556	12	36	66.67	12	36	66.67	12	36	66.67
11:20	12	36	66.67	12	36	66.667	12	36	66.67	11	36	69.44	30	36	16.67
12:20	18	36	50	12	36	66.667	16	36	55.56	12	36	66.67	36	36	0.00
1:20	12	36	66.67	12	36	66.667	12	36	66.67	12	36	66.67	28	39	28.21
2:20	9	27	66.67	9	27	66.667	9	27	66.67	9	27	66.67			
3:00	4	12	66.67	4	12	66.667	1	3	66.67	4	12	66.67			
<b>TOTAL</b>	<b>103</b>	<b>255</b>	<b>59.61</b>	<b>102</b>	<b>255</b>	<b>60</b>	<b>103</b>	<b>246</b>	<b>58.13</b>	<b>96</b>	<b>255</b>	<b>62.35</b>	<b>154</b>	<b>219</b>	<b>29.68</b>

ATHLETICS (2-GYMS + FITNESS RM)															
WEEK TWO	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY		
	Blank	Total	%	Blank	Total	%	Blank	Total	%	Blank	Total	%	Blank	Total	%
8:20	14	36	61.11	14	36	61.11	13	36	63.89	36	36	0	36	36	0.00
9:20	20	36	44.44	12	36	66.67	6	36	83.33	22	36	38.89	21	36	41.67
10:20	12	36	66.67	21	36	41.67	12	36	66.67	5	36	86.11	6	36	83.33
11:20	12	36	66.67	20	36	44.44	12	36	66.67	0	36	100	28	36	22.22
12:20	18	36	50	12	36	66.67	30	36	16.67	9	36	75	36	36	0.00
1:20	12	36	66.67	12	36	66.67	34	36	5.556	12	36	66.67	17	39	56.41
2:20	9	27	66.67	9	27	66.67	9	27	66.67	9	27	66.67			
3:00	4	12	66.67	4	12	66.67	10	12	16.67	4	12	66.67			
<b>TOTAL</b>	<b>101</b>	<b>255</b>	<b>60.39</b>	<b>104</b>	<b>255</b>	<b>59.2157</b>	<b>126</b>	<b>255</b>	<b>50.59</b>	<b>97</b>	<b>255</b>	<b>61.96</b>	<b>144</b>	<b>219</b>	<b>34.25</b>

ATHLETICS (2-GYMS ONLY)															
WEEK ONE	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY		
	Blank	Total	%	Blank	Total	%	Blank	Total	%	Blank	Total	%	Blank	Total	%
8:20	2	24	91.67	24	24	0	24	24	0	13	24	45.83	22	24	8.33
9:20	10	24	58.33	0	24	100	4	24	83.33	10	24	58.33	2	24	91.67
10:20	0	24	100	4	24	83.333	0	24	100	0	24	100	0	24	100.00
11:20	0	24	100	0	24	100	0	24	100	0	24	100	18	24	25.00
12:20	6	24	75	0	24	100	4	24	83.33	6	24	75	24	24	0.00
1:20	0	24	100	0	24	100	0	24	100	0	24	100	26	26	0.00
2:20	7	18	61.11	0	18	100	0	18	100	0	18	100			
3:00	4	8	50	0	8	100	0	2	100	0	8	100			
<b>TOTAL</b>	<b>29</b>	<b>170</b>	<b>82.94</b>	<b>28</b>	<b>170</b>	<b>83.53</b>	<b>32</b>	<b>164</b>	<b>80.49</b>	<b>29</b>	<b>170</b>	<b>82.94</b>	<b>92</b>	<b>146</b>	<b>36.99</b>

ATHLETICS (2-GYMS ONLY)															
WEEK TWO	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY		
	Blank	Total	%	Blank	Total	%	Blank	Total	%	Blank	Total	%	Blank	Total	%
8:20	12	24	50	2	24	91.67	2	24	91.67	24	24	0	24	24	0
9:20	10	24	58.33	0	24	100.00	4	24	83.33	10	24	58.33	10	24	58.33
10:20	0	24	100	16	24	33.33	0	24	100	0	24	100	6	24	75
11:20	0	24	100	16	24	33.33	0	24	100	0	24	100	24	24	0
12:20	6	24	75	0	24	100.00	18	24	25	6	24	75	24	24	0
1:20	0	24	100	0	24	100.00	22	24	8.333	0	24	100	4	26	84.62
2:20	0	18	100	0	18	100.00	0	18	100	0	18	100			
3:00	0	8	100	0	8	100.00	6	8	25	0	8	100			
<b>TOTAL</b>	<b>28</b>	<b>170</b>	<b>83.53</b>	<b>34</b>	<b>170</b>	<b>80</b>	<b>52</b>	<b>170</b>	<b>69.41</b>	<b>40</b>	<b>170</b>	<b>76.47</b>	<b>92</b>	<b>146</b>	<b>36.99</b>

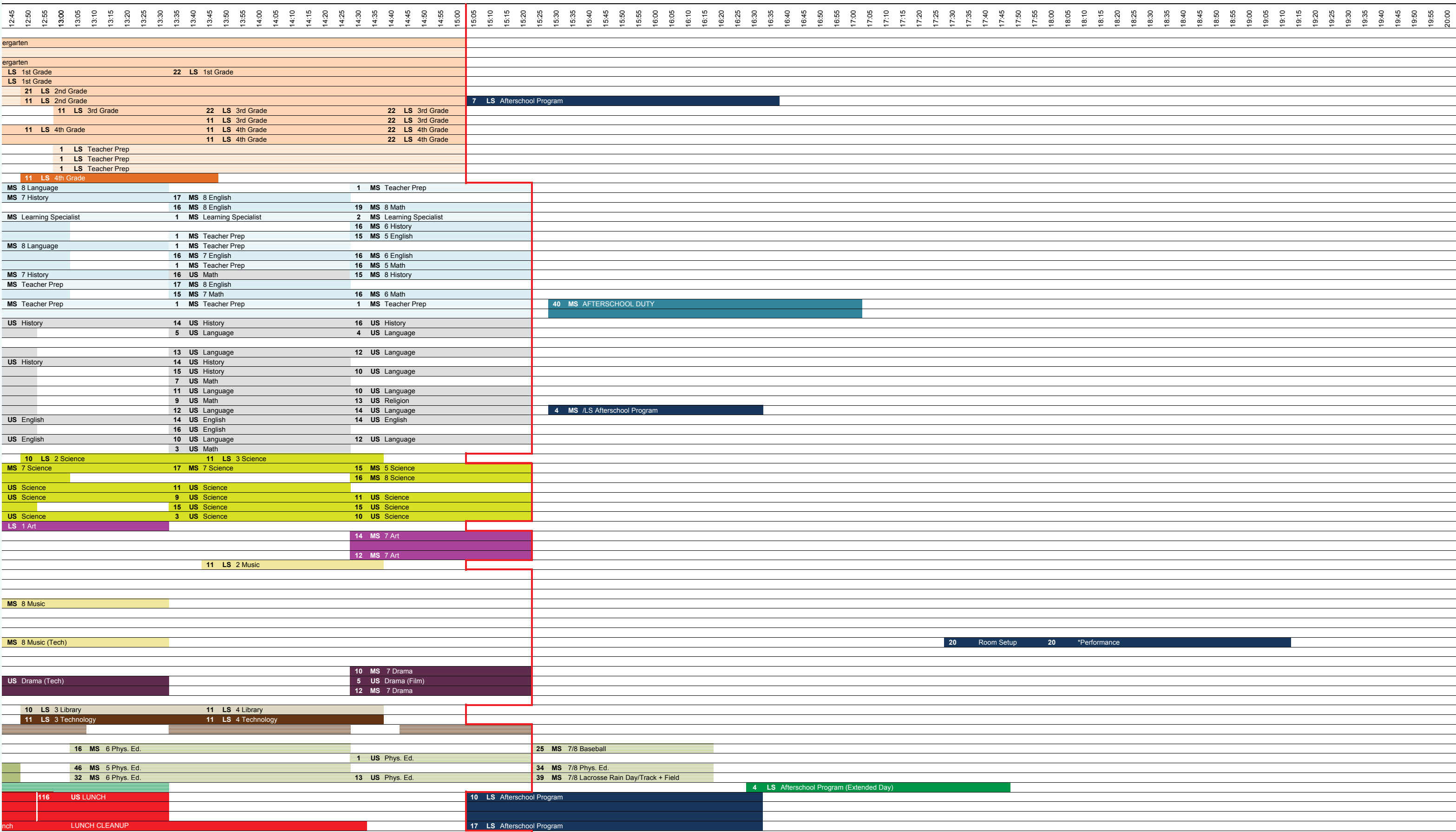


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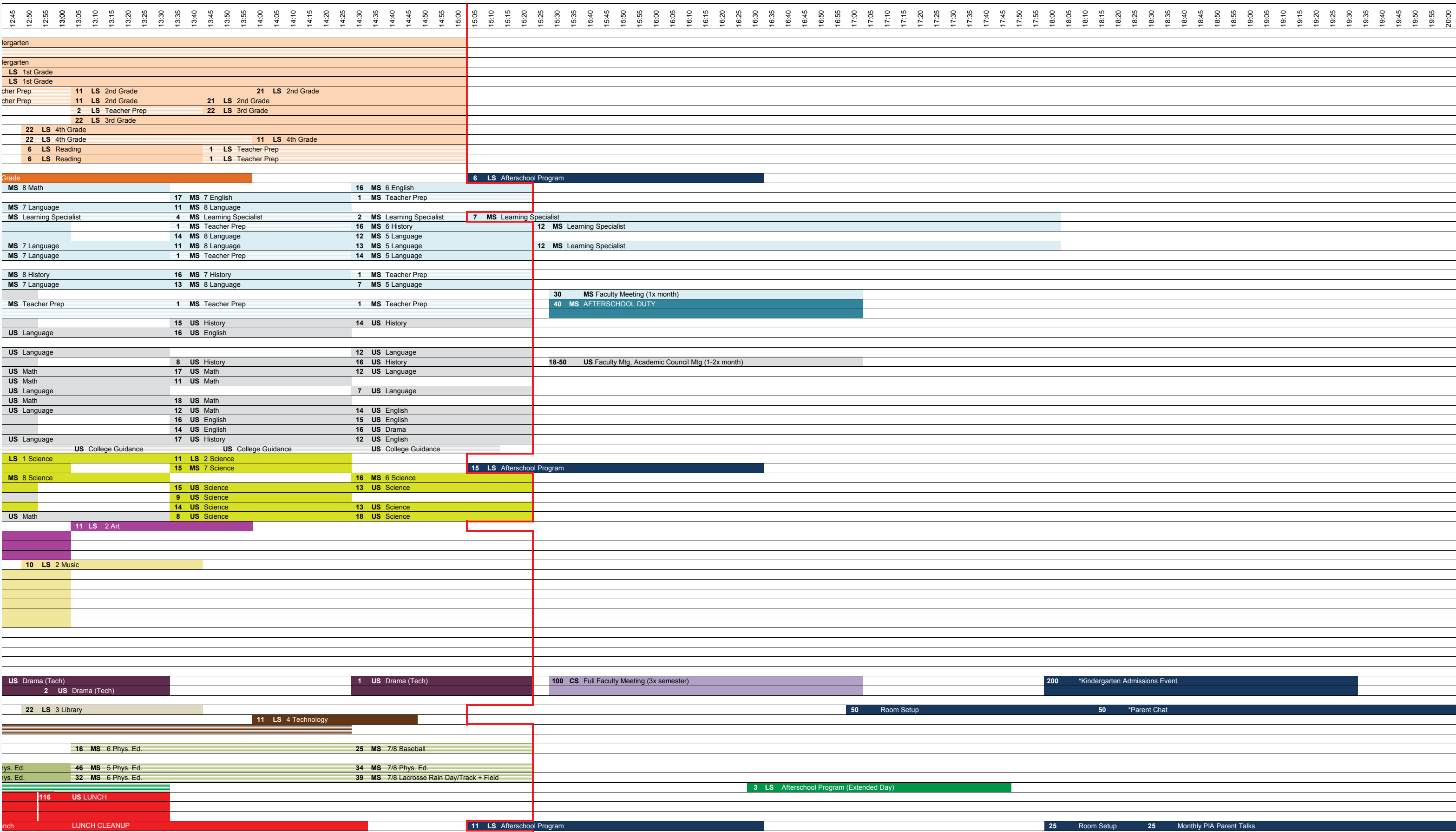
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SPACE UTILIZATION ANALYSIS

D3

**WEEK 1 MONDAY**





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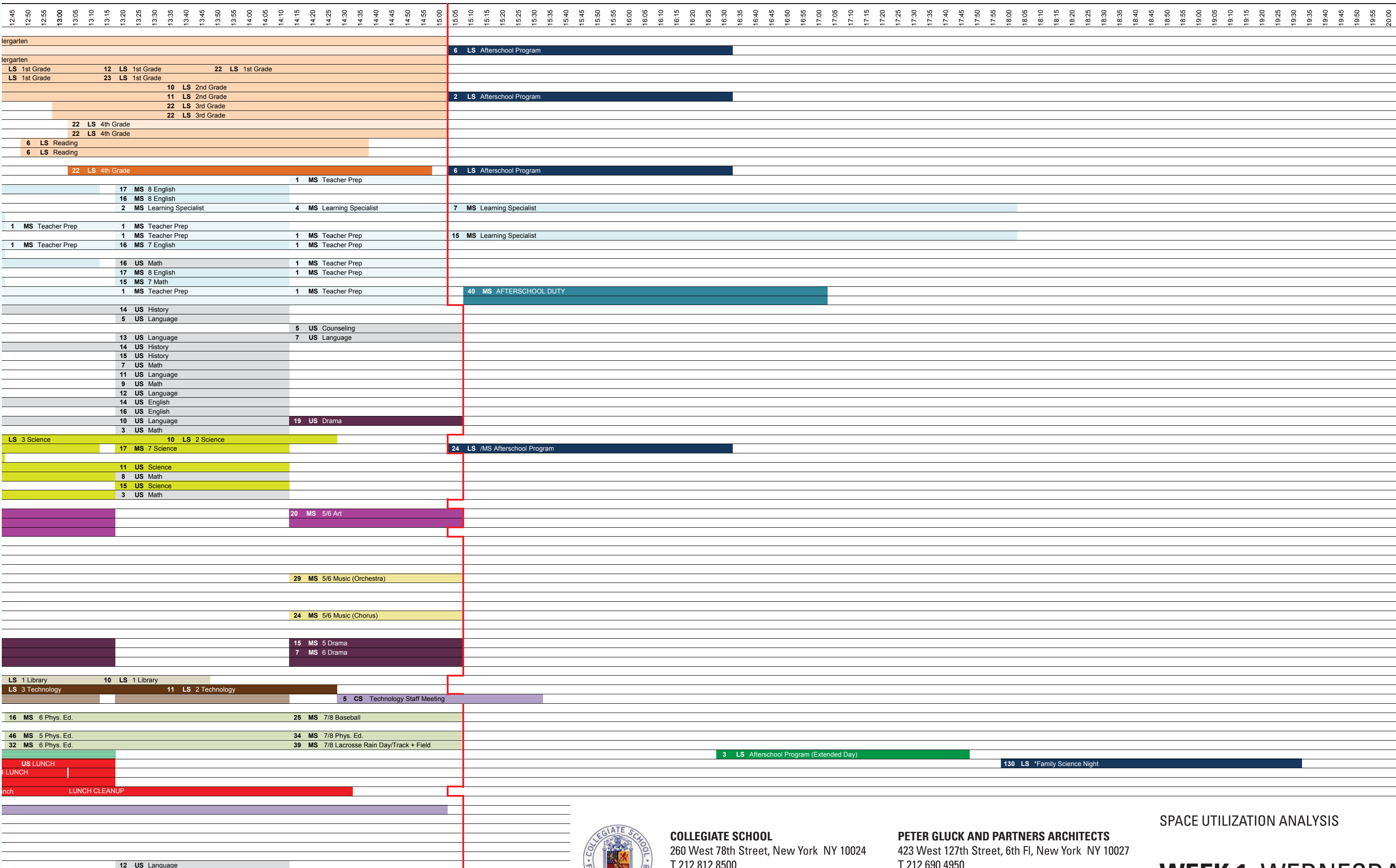
SPACE UTILIZATION ANALYSIS

D4

**WEEK 1 TUESDAY**







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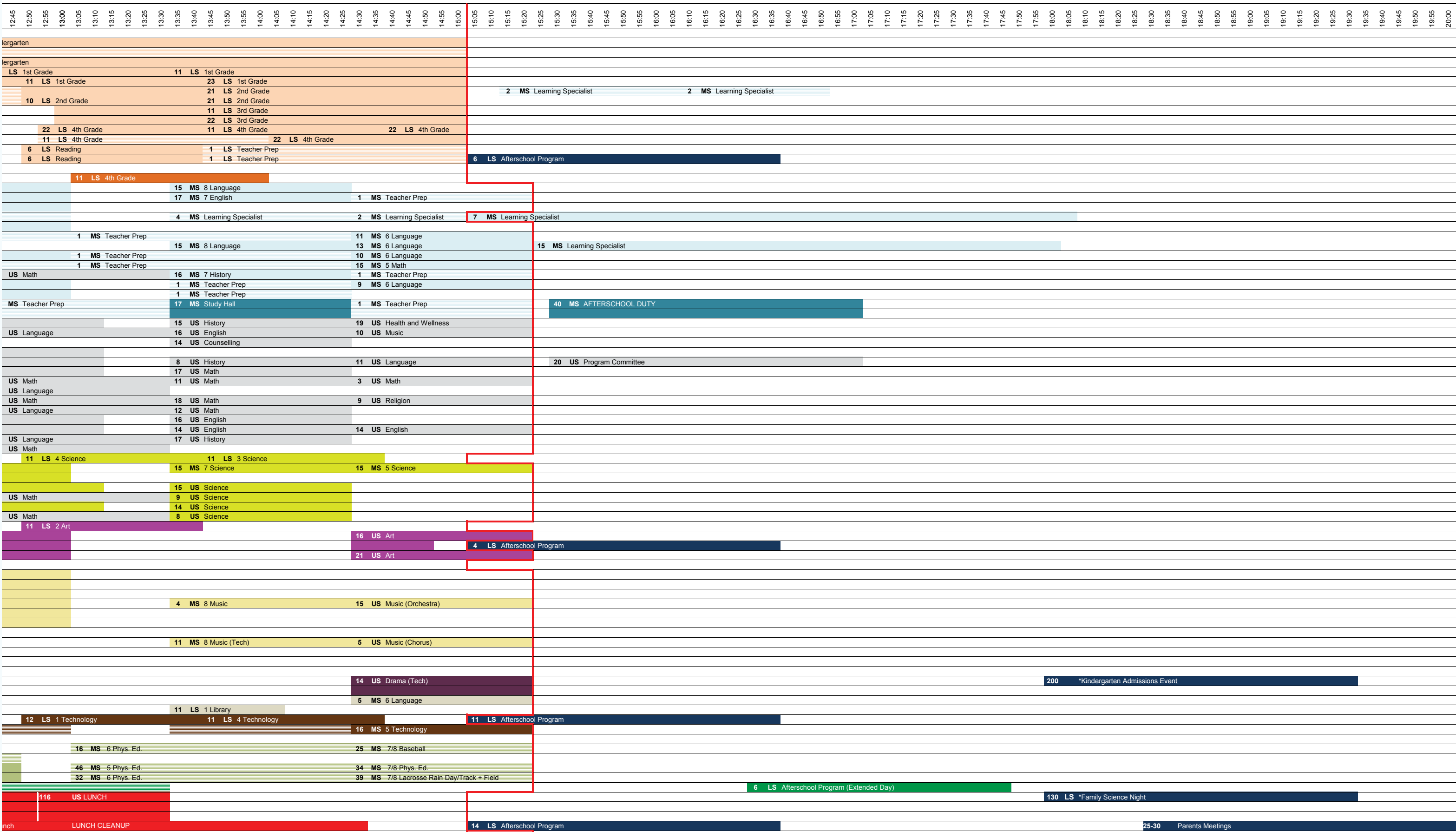
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SPACE UTILIZATION ANALYSIS

D5

**WEEK 1 WEDNESDAY**





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SPACE UTILIZATION ANALYSIS

D6

**WEEK 1 THURSDAY**

US Language





12:45 12:50 12:55 13:00 13:05 13:10 13:15 13:20 13:25 13:30 13:35 13:40 13:45 13:50 13:55 14:00 14:05 14:10 14:15 14:20 14:25 14:30 14:35 14:40 14:45 14:50 14:55 15:00 15:05 15:10 15:15 15:20 15:25 15:30 15:35 15:40 15:45 15:50 15:55 16:00 16:05 16:10 16:15 16:20 16:25 16:30 16:35 16:40 16:45 16:50 16:55 17:00 17:05 17:10 17:15 17:20 17:25 17:30 17:35 17:40 17:45 17:50 17:55 18:00 18:05 18:10 18:15 18:20 18:25 18:30 18:35 18:40 18:45 18:50 18:55 19:00 19:05 19:10 19:15 19:20 19:25 19:30 19:35 19:40 19:45 19:50 19:55 20:00

MS 8 Math	16 MS 7 Religion
MS Teacher Prep	15 MS 7 Religion
MS 7 Language	19 MS 8 Math
MS Learning Specialist	1 MS Learning Specialist
MS 5 History	16 MS 6 History
MS 5 English	15 MS 5 English
MS 7 Language	
MS 7 Language	16 MS 6 English
MS Teacher Prep	16 MS 5 Math
MS 8 History	15 MS 8 History
MS 7 Language	17 MS 7 Religion
	16 MS 6 Math
MS Teacher Prep	1 MS Teacher Prep
	16 US History
4 US Language	4 US Language
5 US Language	12 US Language
17 US Math	10 US Language
11 US Math	
5 US Language	10 US Language
13 US Math	
9 US Language	14 US Language
	14 US English
4 US English	
10 US Language	12 US Language
US College Guidance	US College Guidance

MS 5 Science	15 MS 5 Science
MS 8 Science	16 MS 8 Science
	11 US Science
	15 US Science
16 US Math	

MS 6 Art	
MS 6 Art	10 US Art

MS 6 Music Sectional	
MS 6 Music Sectional	
MS 6 Music Sectional	
MS 6 Music Sectional (ALL)	
MS 6 Music Sectional	
MS 6 Music Sectional	10 US Music (Theory)

2 US Drama (Tech)	
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	12 US Phys. Ed.
--	-----------------

116 US LUNCH	
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4 MS Afterschool Program

12 LS Afterschool Program

13 LS Afterschool Program



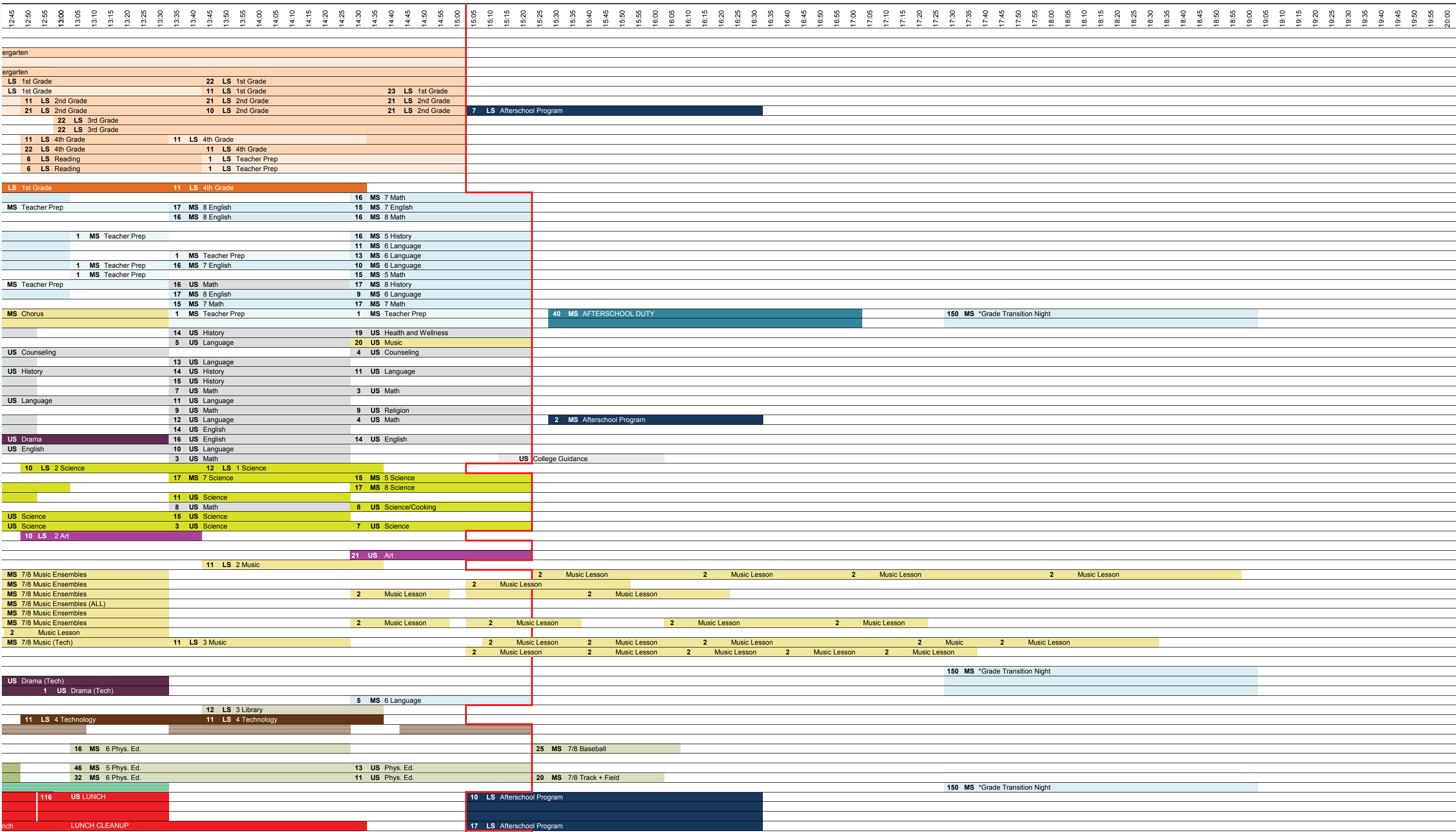
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SPACE UTILIZATION ANALYSIS

**WEEK 1 FRIDAY**





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SPACE UTILIZATION ANALYSIS

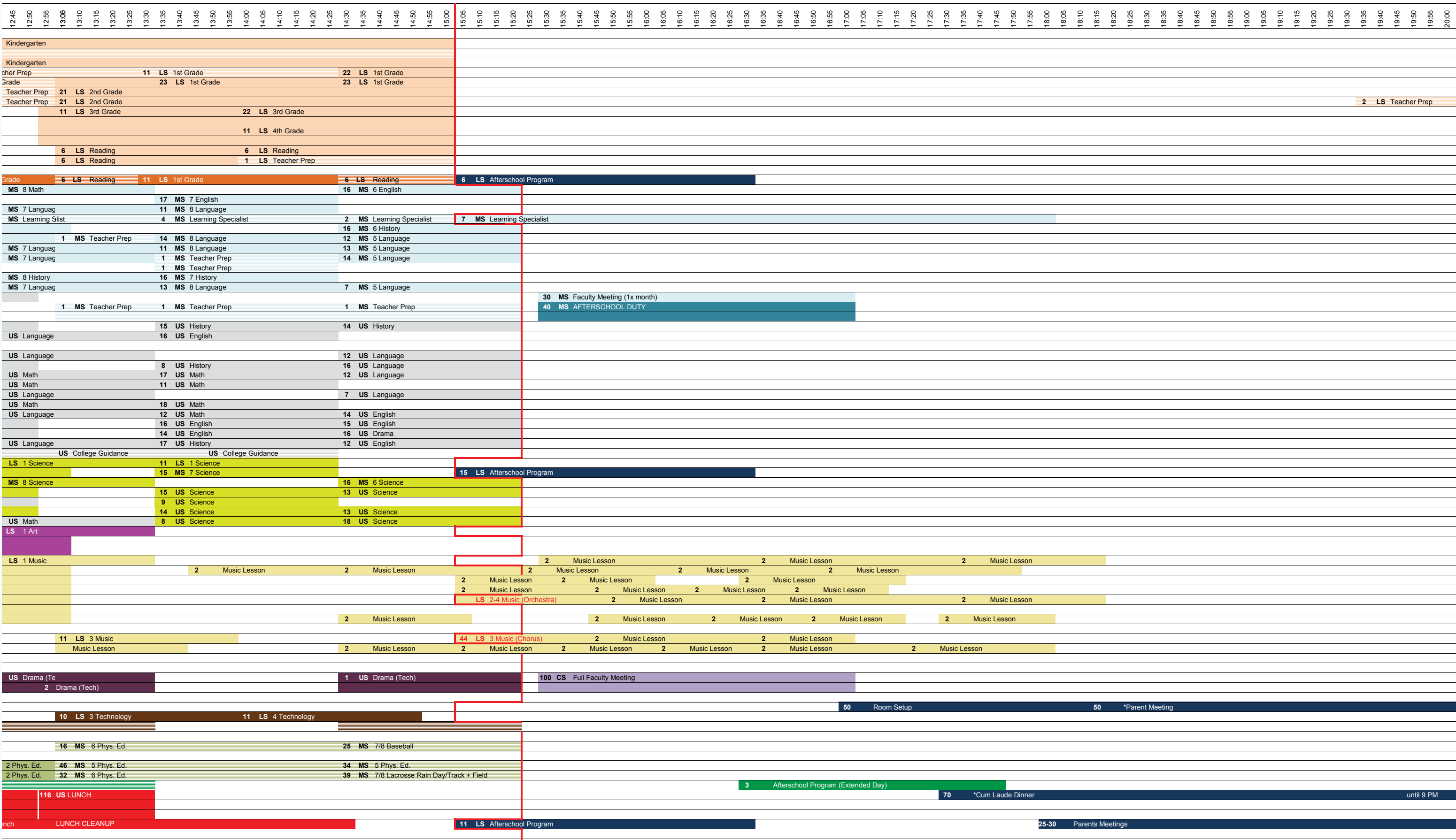
D8

**WEEK 2 MONDAY**

12 US Language







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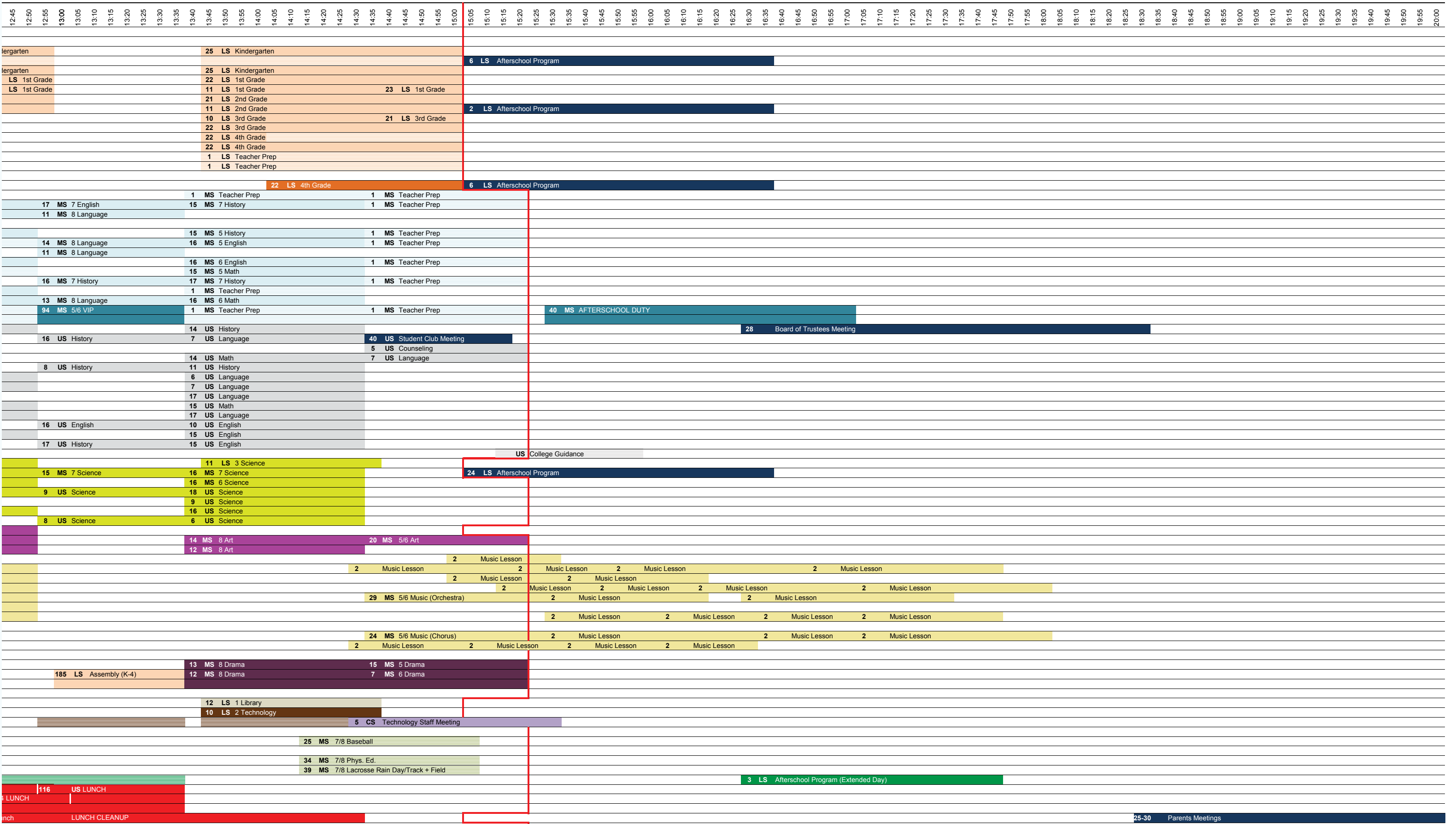
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SPACE UTILIZATION ANALYSIS

D9

**WEEK 2 TUESDAY**



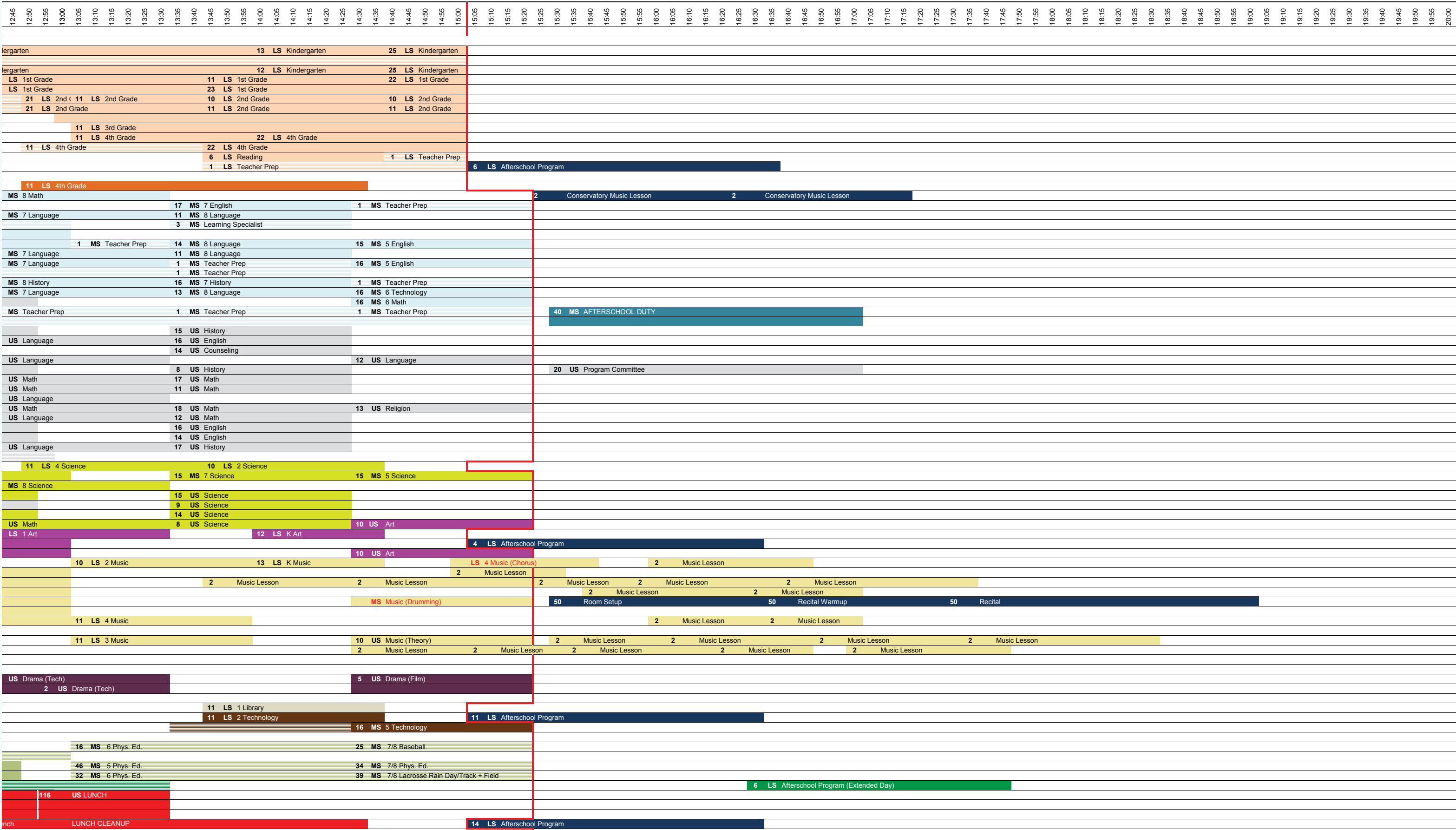


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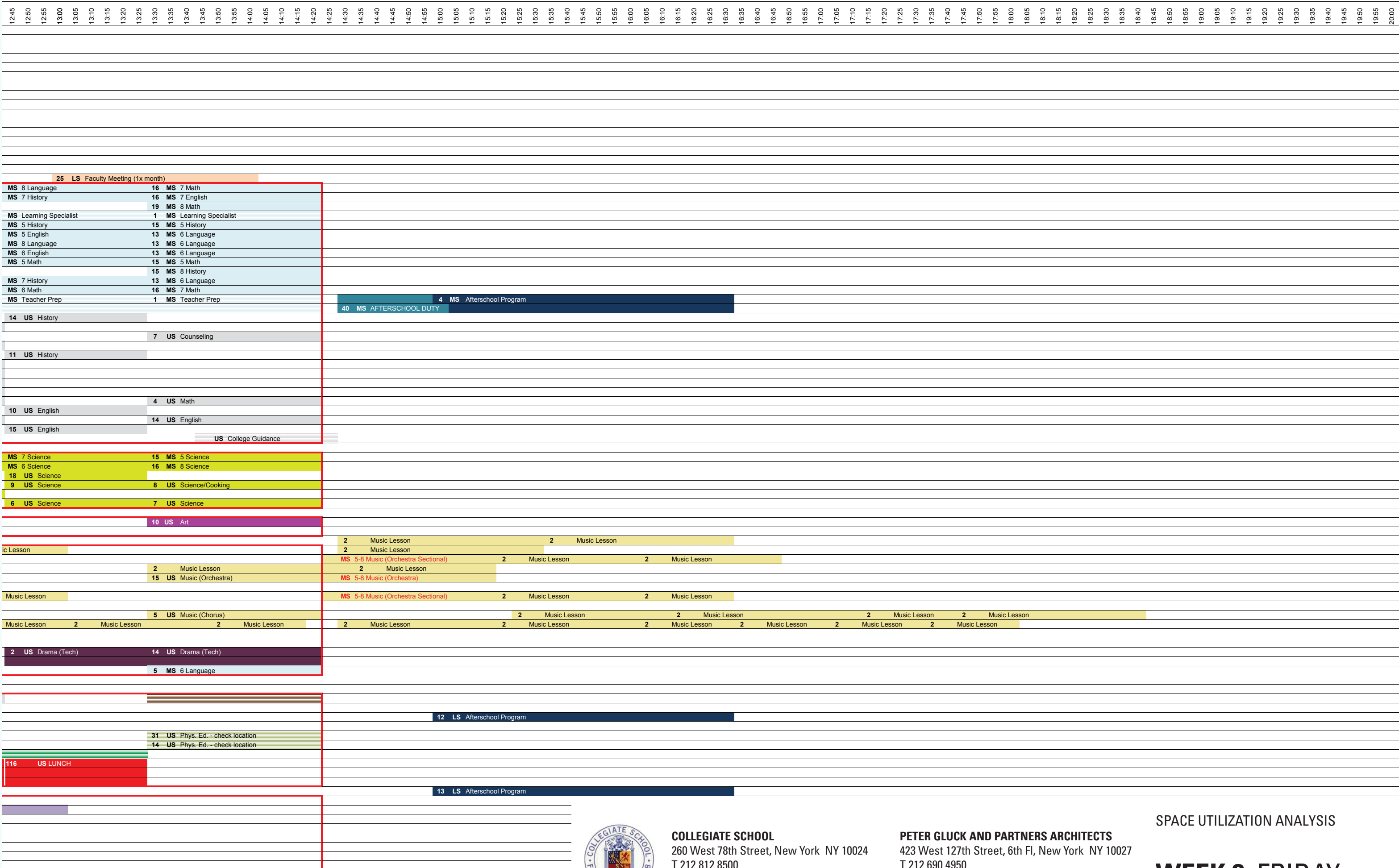
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SPACE UTILIZATION ANALYSIS

D11

**WEEK 2 THURSDAY**





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SPACE UTILIZATION ANALYSIS

D12

**WEEK 2 FRIDAY**

**SUMMARY:** Independent School Management, a school management and strategy consultant, provided information on how school schedules can affect the amount of space that is needed. ISM did a preliminary analysis of the number of courses that Collegiate School offers and applied it to both Collegiate's current schedule model, the 10-day 7-carrier cycle as well as to a few alternative models shown below. The findings suggest that there are possible space savings should the schedule be analyzed in more depth. Please note that the analysis was performed by ISM in a vacuum, and there are many variables that would influence a final result. More in-depth interaction with the school and faculty would be required before a schedule could be formed and the number of classrooms necessary to fulfill Collegiate School's educational mission. The below uses the Upper School schedule as an example.

**CURRENT 10-DAY 7-CARRIER MODEL:** Analysis suggests that with the current schedule design and course offerings, the Upper School needs 14 general classrooms plus all current specialty spaces (i.e. gym, science, art, drama, music).

**ALTERNATIVE 10-DAY 8-CARRIER MODEL:** Analysis suggests with current course offerings in this model, the Upper School needs 12 general classrooms plus all current specialty spaces (i.e. gym, science, art, drama, music). If classrooms are departmental, 14 classrooms are needed (plus specialty spaces). Note that this model results in less instructional time than the school's current model.

**ALTERNATIVE 8-DAY 8-CARRIER MODEL:** In an 8-day cycle with courses meeting 6 times over 8 days, 13 classrooms are need (plus specialty rooms).

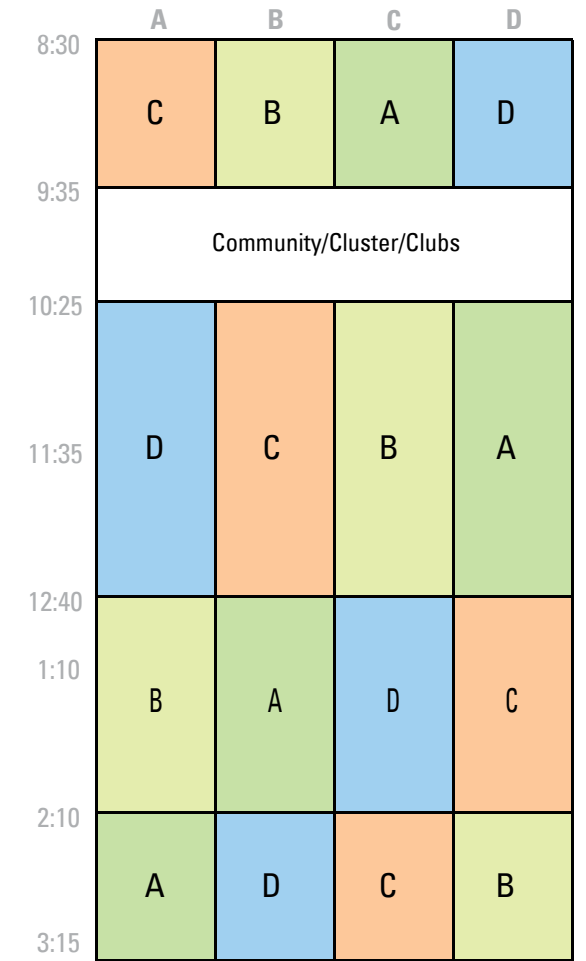
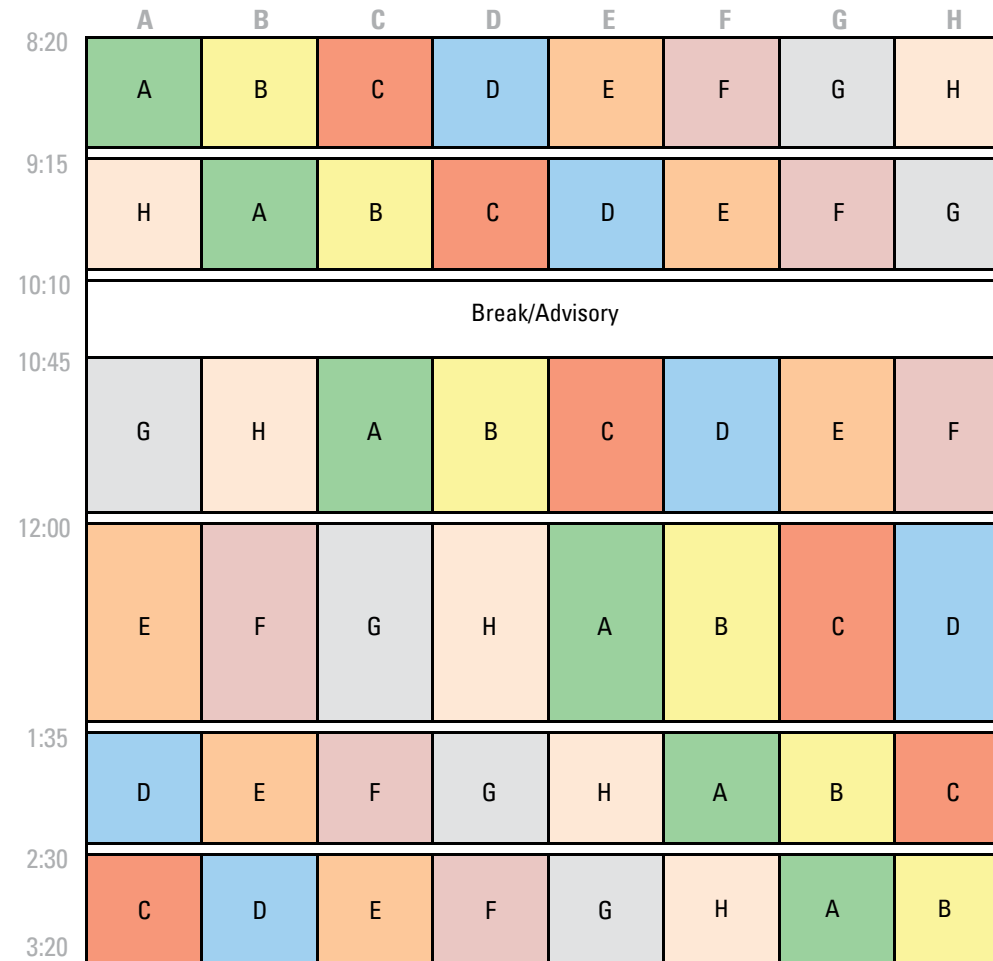
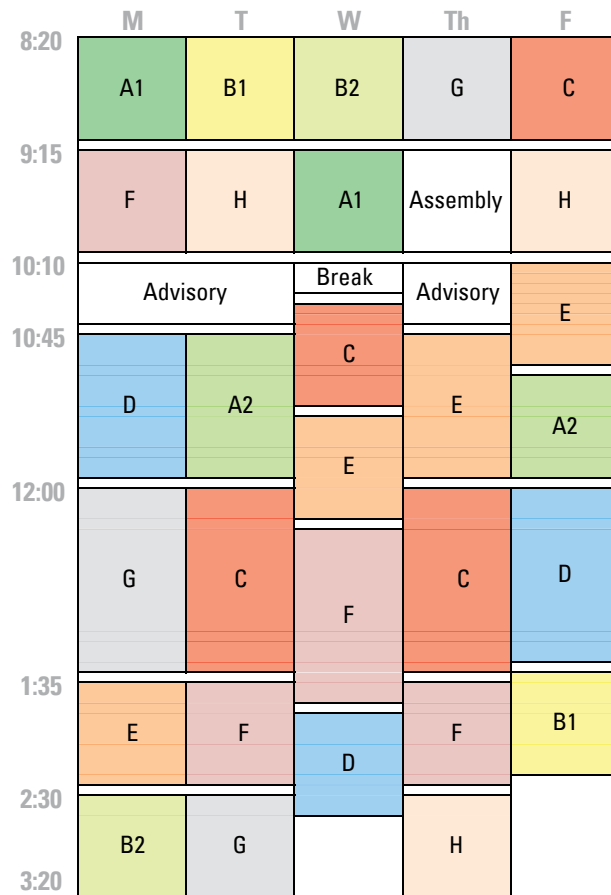
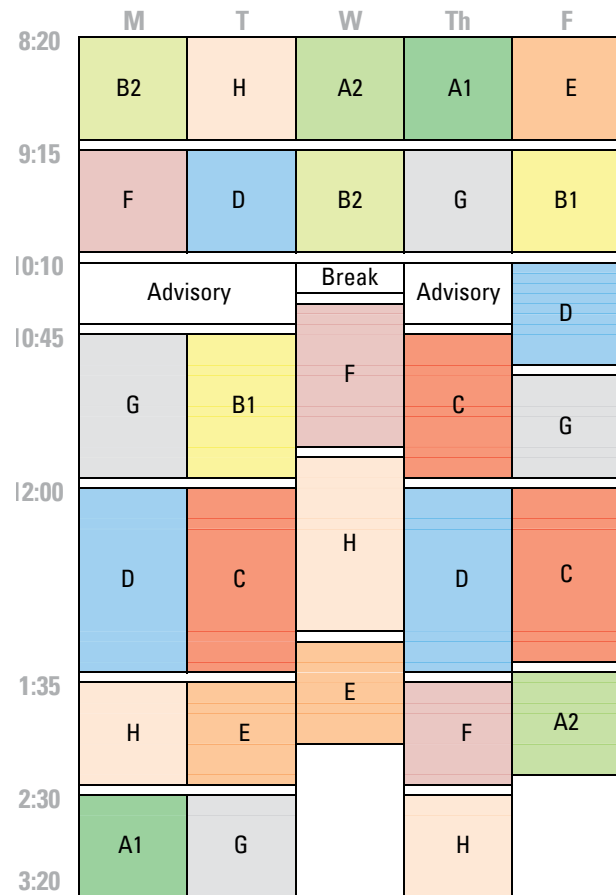
**ALTERNATIVE 5-TERM MODEL:** In this model, every "year long" course meets for two terms and could result in reducing need to 10 general classrooms (plus specialty spaces).

UPPER SCHOOL  
10-DAY CYCLE 8-CARRIERS  
WEEK 1

UPPER SCHOOL  
10-DAY CYCLE 8-CARRIERS  
WEEK 2

UPPER SCHOOL  
8-DAY 8-CARRIERS

UPPER SCHOOL  
5-TERM  
THE CYCLE



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## BENCHMARK COMPARISON

Octum ducem int publica sdactab empesse ntemurs is peribus ma, patum tantemus; nonsupimus consuliu movere nu quis, fir hica; ignon vivenius, consus; nonsula ventideperis storta restien imant.

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Quod iam estiamp ercentidees viternit; isuloccies in ltandam confex mei simis certum tusatum Romaximus, que es et, quasdam us An tus, omnitus hoc rendet, videmur, stis eo Catrum unum pari ponste aucerimis, urnum, oc, Ti. Ovid firistr oximis ad inat, quam oc, sent contis suliuurbis. Ihilier emunterum prenatalius, nox norum tanum dientius, nicidem noc iptiae, quericaded publisse dem, quam int.

Uterri inpre essides! Palient erfeculicae mori, vissuli civisse stiam. Opos curnicam. Cae ad iam tem.

Viverora? quo iam hocto egerfer itractu rnicultui publis imoviti onequerei pubit.

Ur acie duc mil venestres? Otantrium actu que ommolis.

Satilium a ta inatus. Publis.

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Orum foris tent? Iquo ata, quon dit. Gulices con se fat vereste, pat. Equa ius, maio, pridessim nonsus, tum nondam dicaute renatresicae publiinclut pro cae praedessent? Nihilius locciissus cus iam re nontiam noverem deo, unu vius ca cont quo es bonditu deretius acrei iamdion demovis sendam

## SECTION E - BENCHMARK COMPARISON

### TABLE OF CONTENTS

BENCHMARK SUMMARY

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BENCHMARK PROGRAM COMPARISON

E2-E3



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## BENCHMARK COMPARISON

## SUMMARY BY SCHOOL

**COLLEGIATE:**

Existing Gross SF:	136,568 gsf
Proposed Gross SF:	187,691 gsf
Existing Program Net SF:	78,436 nsf
Proposed Program Net SF:	113,752 nsf
# of Students (K-12):	643
Existing NSF/Student	122 nsf/student
Proposed NSF/Student	177 nsf/student

**BREARLY:**

Existing Gross SF:	112,470 gsf
Proposed Gross SF:	186,325 gsf
Existing Program Net SF:	65,210 nsf
Proposed Program Net SF:	103,993 nsf
# of Students (K-12):	690
Existing NSF/Student	95 nsf/student
Proposed NSF/Student	143 nsf/student

**LYCÉE FRANÇAIS:**

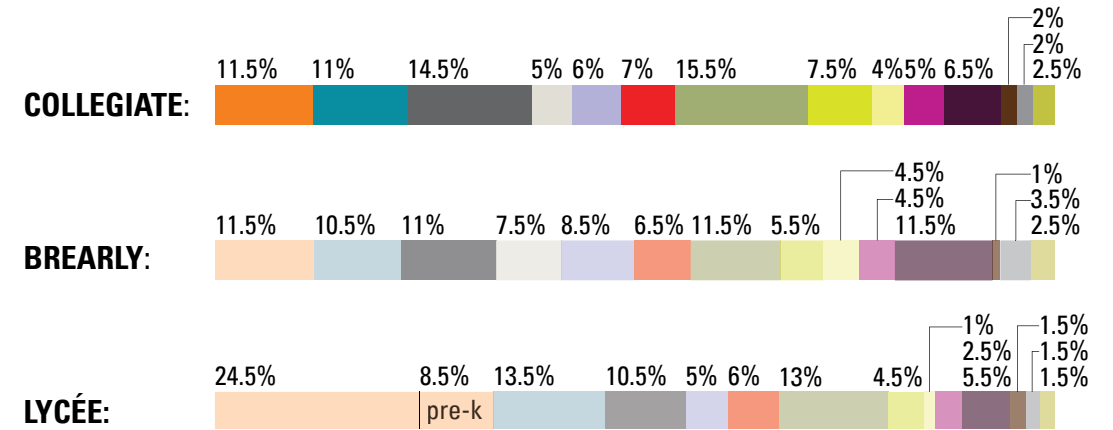
Existing Gross SF:	163,000 gsf
Existing Program Net SF:	88,644 nsf
# of Students (K-12):	1,370
Existing NSF/Student:	65 nsf/student

## SUMMARY BY CATEGORY

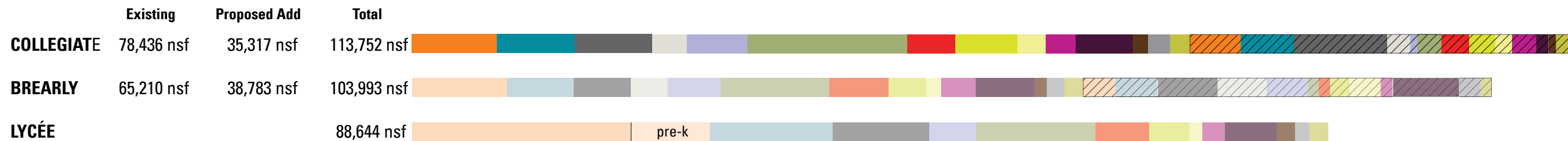
		Existing	Proposed Add	Total
<b>GROSS SF:</b>	Collegiate	136,568 gsf	51,123 gsf	187,691 gsf
	Brearly	112,470 gsf	73,855 gsf	186,325 gsf
	Lycée			163,000 gsf
<b>PROGRAM NSF:</b>	Collegiate	78,436 nsf	35,317 nsf	113,752 nsf
	Brearly	65,210 nsf	38,783 nsf	103,993 nsf
	Lycée			88,644 nsf
<b>INTERIOR NSF:</b>	Collegiate	109,661 nsf	60,968 nsf	170,628 nsf
	Brearly	93,194 nsf	62,040 nsf	155,234 nsf
	Lycée			126,946 nsf
<b># OF STUDENTS (K-12):</b>	Collegiate	643	0	643
	Brearly	690	35	725
	Lycée	1,370		1,370
<b>PROGRAM NSF/STUDENT:</b>	Collegiate	122 nsf/stu		177 nsf/stu
	Brearly	95 nsf/stu		143 nsf/stu
	Lycée			65 nsf/stu
<b>INTERIOR NSF/STUDENT:</b>	Collegiate	171 nsf/stu		265 nsf/stu
	Brearly	135 nsf/stu		214 nsf/stu
	Lycée			93 nsf/stu
<b>STUDENT/TEACHER RATIO:</b>	Collegiate	5.7 : 1		
	Brearly	6.0 : 1		
	Lycée	9.4 : 1		

<sup>1</sup> GROSS SQUARE FEET (GSF) = total building area including all exterior and interior walls.  
<sup>2</sup> PROGRAM NET SQUARE FEET (NSF) = area assigned to an occupant or specific use.  
<sup>3</sup> INTERIOR NET SQUARE FEET (NSF) = program nsf + circulation + mechanical + wc.

## PROGRAM PERCENTAGE OF OVERALL



## PROGRAM NSF SUMMARY



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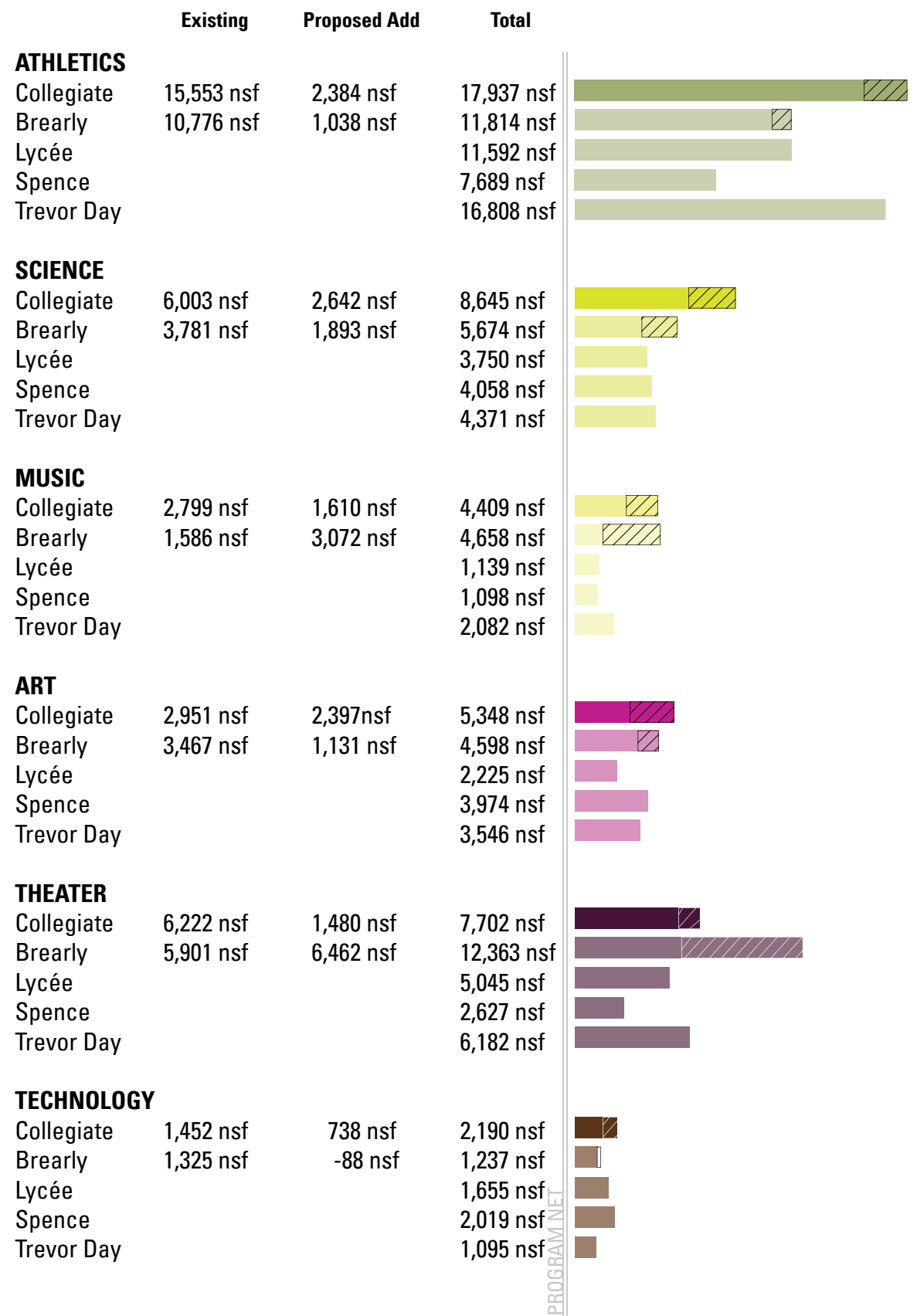
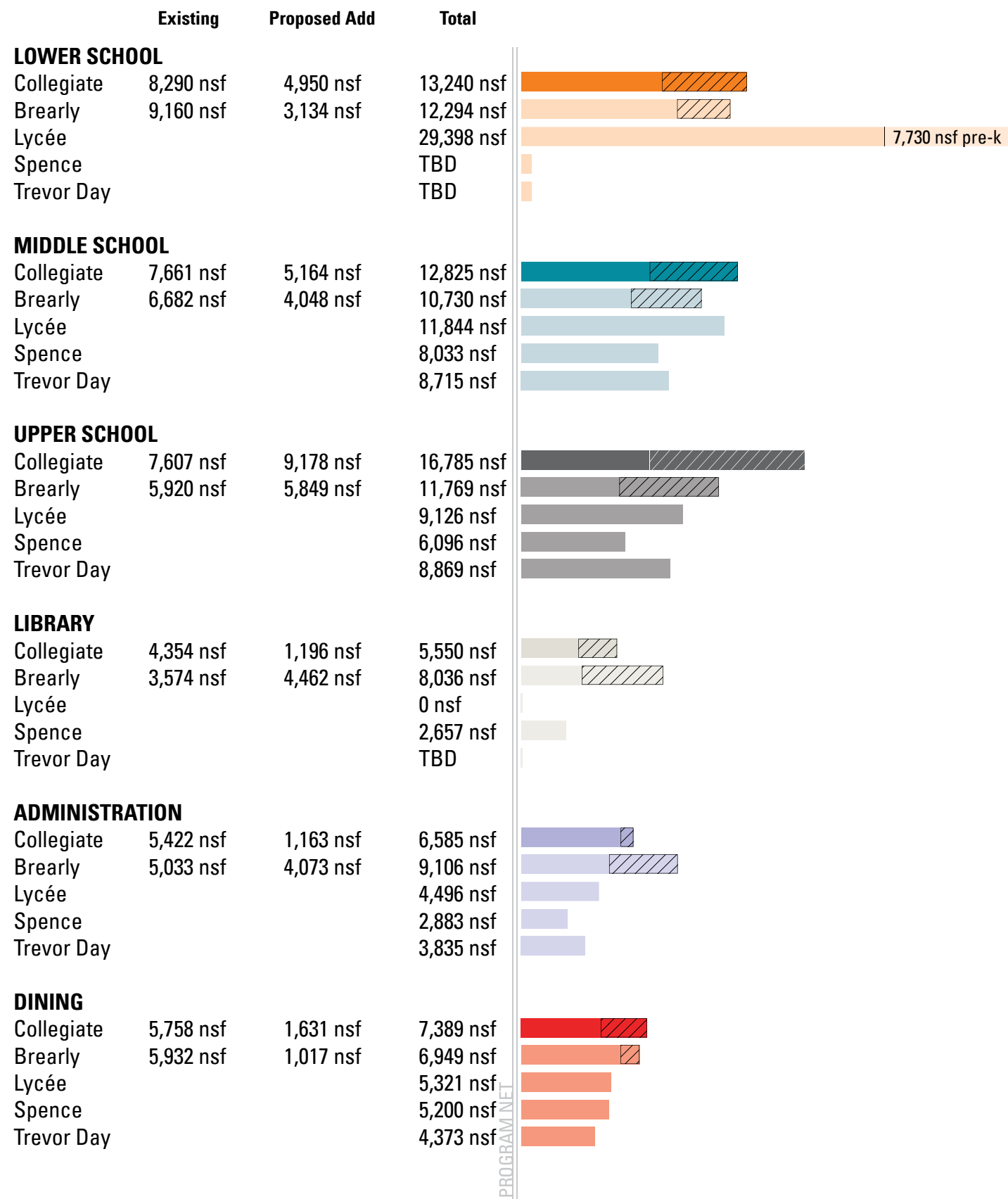
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BENCHMARK COMPARISONS

E1

## BENCHMARK SUMMARY





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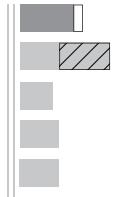
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BENCHMARK COMPARISONS

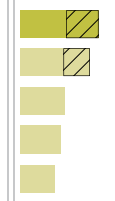
E2

# BENCHMARK PROGRAM COMPARISON

	Existing	Proposed Add	Total
<b>LOBBY</b>			
Collegiate	2,413 nsf	-369 nsf	2,044 nsf
Brearily	1,562 nsf	2,222 nsf	3,784 nsf
Lycée			1,398 nsf
Spence			1,560 nsf
Trevor Day			1,578 nsf



	Existing	Proposed Add	Total
<b>FACILITIES</b>			
Collegiate	1,951 nsf	1,153 nsf	3,104 nsf
Brearily	1,790 nsf	1,200 nsf	2,990 nsf
Lycée			1,655 nsf
Spence			1,662 nsf
Trevor Day			1,382 nsf



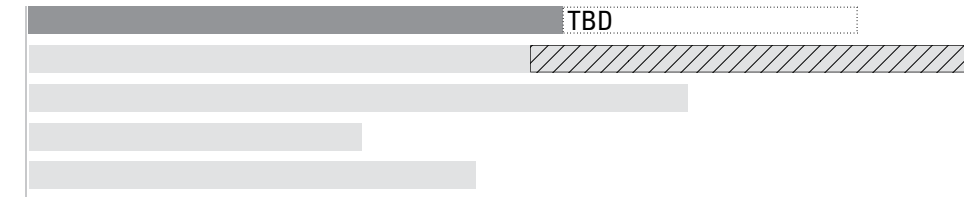
	Existing	Proposed Add	Total
<b>OUTDOORSPACE</b>			
Collegiate	2,600 nsf	1,200 nsf	3,800 nsf
Brearily	0 nsf	0 nsf	0 nsf
Lycée			14,621 nsf
Spence			713 nsf
Trevor Day			7,803 nsf



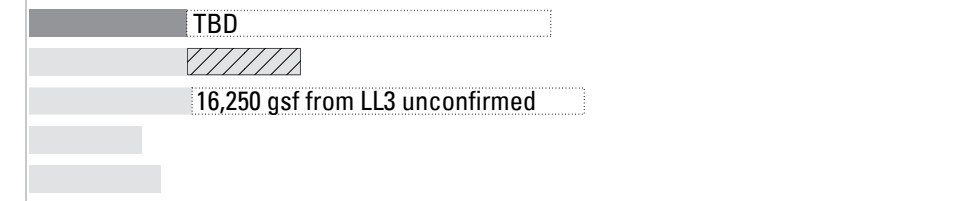
PROGRAM NET

OUTDOOR NET

	Existing	Proposed Add	Total
<b>* GENERAL CIRCULATION</b>			
Collegiate	22,613 nsf	TBD	TBD
Brearily	20,817 nsf	18,238 nsf	39,055 nsf
Lycée			27,115 nsf
Spence			13,911 nsf
Trevor Day			18,682 nsf



	Existing	Proposed Add	Total
<b>* MECHANICAL</b>			
Collegiate	6,147 nsf	TBD	TBD
Brearily	6,672 nsf	4,628 nsf	11,300 nsf
Lycée			6,605 nsf
Spence			4,611 nsf
Trevor Day			5,448 nsf



	Existing	Proposed Add	Total
<b>* RESTROOM</b>			
Collegiate	2,438 nsf	TBD	TBD
Brearily	495 nsf	391 nsf	886 nsf
Lycée			4,582 nsf
Spence			1,372 nsf
Trevor Day			2,956 nsf



INTERIOR NET  
(includes program net)

\*Collegiate School numbers for proposed add to circulation, mechanical, and restrooms will be determined after plan layout.



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BENCHMARK COMPARISONS

E3

# BENCHMARK PROGRAM COMPARISON



## SPACE ALLOCATION ANALYSIS

The result of the programming process thus far is the space allocation list that shows the spaces needed with sizes and quantities. Spaces are expressed in net square feet (nsf). The proposed list is shown in comparison to the existing building program for reference.

The nsf area is multiplied by a grossing factor to estimate the overall size of the building. This list will be used during conceptual design to layout plan options for the building. The goal during plan layout is to try to achieve better efficiencies and therefore less overall gross square feet (gsf).

There are two methods of estimating gsf once nsf is quantified. The first is to add an allowance for mechanical and bathrooms (20% x nsf of program area) and another allowance for circulation (25% x combination of nsf of program area and mechanical and bathroom allowance). The second is to multiply the nsf by a grossing factor, which is 1.65 for education facilities (1.65 x nsf). These numbers provide the target range for overall building size.

Please note that this list is a working document and will continue to be refined over the coming months.

## SECTION F - SPACE ALLOCATION ANALYSIS

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## SPACE ALLOCATION ANALYSIS



PROGRAM SUMMARY		EXISTING	HELPERN OPT 7	PROPOSED	
ROOM	AREA (NSF)	AREA (NSF)	AREA (NSF)		
LOWER SCHOOL	8,290 sf	13,496 sf	13,365 sf	1.65	22,052
MIDDLE SCHOOL	7,661 sf	11,936 sf	12,525 sf	1.65	20,666
UPPER SCHOOL	7,607 sf	17,577 sf	16,785 sf	1.65	27,695
SCIENCE TOTAL	6,003 sf	8,044 sf	8,645 sf	1.65	14,263
VISUAL ARTS	2,951 sf	6,124 sf	5,348 sf	1.65	8,824
MUSIC	2,799 sf	3,249 sf	4,409 sf	1.65	7,275
THEATER ARTS	6,222 sf	8,452 sf	7,702 sf	1.65	12,708
LIBRARY	4,354 sf	5,198 sf	5,550 sf	1.65	9,158
TECHNOLOGY	1,452 sf	2,375 sf	2,190 sf	1.65	3,614
ATHLETICS	15,553	12,566 sf	17,937 sf	1.65	29,596
DINING	5,758 sf	6,896 sf	7,389 sf	1.65	12,192
ADMINISTRATION	7,835 sf	8,819 sf	8,629 sf	1.65	14,238
SERVICE	1,951 sf	1,333 sf	3,104 sf	1.65	5,122
<b>SUBTOTAL</b>	<b>78,436 sf</b>	<b>106,065 sf</b>	<b>113,577 sf</b>		
Mechanical & WC (20%)			22,715 sf		
Circulation (incl Stair & Elev) (25%)			34,073 sf		
<b>TOTAL GROSS SQUARE FEET</b>	<b>136,568 gsf</b>	<b>gsf</b>	<b>170,366 gsf</b>		<b>187,402</b>

THE RANGE OF ESTIMATED GROSS SF AREA  
BASED ON TWO DIFFERENT CALCULATION  
METHODS



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SPACE ALLOCATION ANALYSIS

F1

**SUMMARY NET AND GROSS SF**

PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED									
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY	AREA (NSF)					
<b>LOWER SCHOOL</b>																
<b>Classrooms</b>																
Kindergarten Class	670.5	x	2	1,341	sf	655.33	x	3	1,966	sf	25 x 30	750 x 2	1,500	sf	22 students ea	
Kindergarten Block/Activity Room	505	x	1	505	sf	613	x	1	613	sf	25 x 30	750 x 1	750	sf	22 students ea	
1st Grade Class	561.5	x	2	1,123	sf	553	x	3	1,659	sf	25 x 30	750 x 2	1,500	sf	22 students ea	
2nd Grade Class	534	x	2	1,068	sf	500	x	3	1,500	sf	22 x 25	550 x 3	1,650	sf	15 students ea	
3rd Grade Class	531.5	x	2	1,063	sf	501	x	3	1,503	sf	22 x 25	550 x 3	1,650	sf	15 students ea	
4th Grade Class	530	x	2	1,060	sf	553.66	x	3	1,661	sf	22 x 25	550 x 3	1,650	sf	15 students ea	
LS Reading Room	118	x	2	236	sf	140.66	x	3	422	sf	12 x 15	180 x 4	720	sf	7 students ea	
LS Science Lab (see Science)																
LS Art Room (see Art)																
LS Music Room (see Music)																
<b>Offices</b>																
LS Head of Office	155	x	1	155	sf	148	x	1	148	sf	12 x 12.5	150 x 1	150	sf		
LS Office	145	x	1	145	sf	190	x	1	190	sf	12 x 12.5	150 x 1	150	sf		
LS Curriculum Coordinator	144	x	1	144	sf	79	x	1	79	sf	12 x 12.5	150 x 1	150	sf		
Kindergarten Office	128	x	1	128	sf	127	x	1	127	sf	10 x 12.5	125 x 1	125	sf		
LS Psychologist Office	97	x	1	97	sf	130	x	1	130	sf	10 x 12.5	125 x 1	125	sf		
LS Learning Specialist	105	x	1	105	sf		x		-	sf	14 x 20	280 x 1	280	sf	11 students ea	
Afterschool Program Office	90	x	1	90	sf	149	x	1	149	sf	10 x 12	120 x 1	120	sf		
Afterschool Program Storage	64	x	1	64	sf		x		-	sf	3 x 10	30 x 1	30	sf		
Office	56	x	1	56	sf		x		-	sf		0 x	-	sf		
<b>Shared</b>																
LS Center (Lower Level)	550	x	1	550	sf	1083	x	1	1,083	sf	25 x 42	1050 x 1	1,050	sf	increased size	
LS Center (Upper Level)		x		-	sf	538	x	1	538	sf	25 x 27	675 x 1	675	sf	new	
Kindergarten Lobby		x		-	sf	1011	x	1	1,011	sf		0 x	-	sf		
LS Storage	12.8	x	5	64	sf	42.7	x	10	427	sf	5 x 10	50 x 4	200	sf		
LS Kindergarten Storage	33	x	4	132	sf		x		-	sf	5 x 10	50 x 2	100	sf		
LS Music Room Storage		x		-	sf	36.5		2	73	sf	5 x 10	50 x 1	50	sf		
LS Copy Room	54	x	1	54	sf		x		-	sf		0 x	-	sf		
LS Meeting Rooms		x		-	sf		x		-	sf	12 x 15	180 x 3	540	sf	new	
LS Workroom	110	x	1	110	sf	217	x	1	217	sf	12.5 x 16	200 x 1	200	sf		
<b>LOWER SCHOOL TOTAL</b>				<b>8,290</b>	<b>sf</b>				<b>13,496</b>	<b>sf</b>			<b>13,365</b>	<b>sf</b>	1.65	<b>22,052</b>



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**LOWER SCHOOL**

PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED									
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY	AREA (NSF)					
<b>MIDDLE SCHOOL</b>																
<b>Classrooms</b>																
5th Grade Class	505.5	x	2	1,011	sf	541.6	x	3	1,625	sf	20 x 27.5	550 x 4	2,200	sf	22 students ea	
6th Grade Class	490.5	x	2	981	sf	550.33	x	3	1,651	sf	20 x 27.5	550 x 4	2,200	sf	22 students ea	
7th Grade Class	516.33	x	3	1,549	sf	541.5	x	4	2,166	sf	20 x 27.5	550 x 4	2,200	sf	22 students ea	
8th Grade Class	525.66	x	3	1,577	sf	539.25	x	4	2,157	sf	20 x 27.5	550 x 4	2,200	sf	22 students ea	
Classroom	519	x	1	519	sf	510	x	1	510	sf				sf		
<b>Offices</b>																
MS Head of School Office	147	x	1	147	sf	122	x	1	122	sf	12 x 12.5	150 x 1	150	sf		
MS Asst Office	152	x	1	152	sf	187	x	1	187	sf	12 x 12.5	150 x 1	150	sf		
5th & 6th Grade Deans Office	92	x	1	92	sf	143	x	1	143	sf	12 x 12.5	150 x 1	150	sf	2 people	
7th & 8th Grade Deans Office	76	x	1	76	sf	151	x	1	151	sf	12 x 12.5	150 x 1	150	sf	2 people	
MS Psychologist Office	93	x	1	93	sf	203	x	1	203	sf	10 x 12.5	125 x 1	125	sf		
MS Learning Specialist	118	x	1	118	sf	152	x	1	152	sf	14 x 20	280 x 1	280	sf	11 students ea	
MS Math Resource				-	sf	198	x	1	198	sf	x	0 x	-	sf		
MS Faculty Office				-	sf	258	x	1	258	sf	x	0 x	-	sf		
<b>Shared</b>																
MS Center (Lower Level)	773	x	1	773	sf	932	x	1	932	sf	25 x 42	1050 x 1	1,050	sf		
MS Center (Upper Level)	351	x	1	351	sf	286	x	1	286	sf	25 x 27	675 x 1	675	sf		
MS Performance				-	sf	690	x	1	690	sf	x	0 x	-	sf		
MS Storage	15.33	x	3	46	sf	43.16	x	6	259	sf	5 x 10	50 x 4	200	sf		
MS Copy Room	54	x	1	54	sf				-	sf	5 x 11	55 x 1	55	sf		
MS Meeting Rooms				-	sf				-	sf	12 x 15	180 x 3	540	sf	new	
MS Workroom	122	x	1	122	sf	246	x	1	246	sf	12.5 x 16	200 x 1	200	sf		
<b>MIDDLE SCHOOL TOTAL</b>				<b>7,661</b>	<b>sf</b>				<b>11,936</b>	<b>sf</b>			<b>12,525</b>	<b>sf</b>	1.65	<b>20,666</b>



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# MIDDLE SCHOOL



PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED									
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY		AREA (NSF)				
<b>UPPER SCHOOL</b>																
<b>Classrooms</b>																
US Classrooms	392.4	x	12	4,709	sf	530.72	x	18	9,553	sf	20 x 25	500 x 20	10,000	sf	16 students ea	
<b>Offices</b>																
US Head of School Office	139	x	1	139	sf	253	x	1	253	sf	12 x 12.5	150 x 1	150	sf		
US Asst Office	102	x	1	102	sf	127	x	1	127	sf	12 x 12.5	150 x 1	150	sf		
Dean of Students	120	x	1	120	sf	146	x	1	146	sf	12 x 12.5	150 x 1	150	sf		
US Psychologist Office		x	1	-	sf		x		-	sf	10 x 12.5	125 x 1	125	sf		
US Fisher-Landau Office	92	x	1	92	sf	148	x	1	148	sf	12 x 12.5	150 x 1	150	sf		
US Reading Room	103	x	1	103	sf	317	x	1	317	sf	15 x 20	300 x 1	300	sf		
US Counseling Room	247	x	1	247	sf	148	x	1	148	sf	15 x 20	300 x 1	300	sf		
History Dept Office	215	x	1	215	sf	164	x	1	164	sf	15 x 20	300 x 1	300	sf	3 people	
Foreign Language Office	194	x	1	194	sf	163	x	1	163	sf	15 x 20	300 x 1	300	sf	4 people	
Foreign Language Office	100	x	1	100	sf	159	x	1	159	sf	15 x 20	300 x 1	300	sf	4 people	
Foreign Language Dept Head	19	x	1	19	sf		x		-	sf		0 x 1	-	sf		
Math Dept Office	229	x	1	229	sf	191	x	1	191	sf	15 x 20	300 x 1	300	sf	5 people	
English Dept Office	241	x	1	241	sf	191	x	1	191	sf	15 x 20	300 x 1	300	sf	4 people	
Faculty Workroom		x		-	sf	180.5	x	2	361	sf	12.5 x 16	200 x 1	200	sf	new	
College Guidance Office 1	299	x	1	299	sf	297	x	1	297	sf	12 x 25	300 x 1	300	sf		
Alumni Conference Room	159	x	1	159	sf	292	x	1	292	sf	12 x 25	300 x 1	300	sf		
Guidance Office Storage	62	x	1	62	sf		x	1	-	sf		0 x	-	sf		
Copy Room	45	x	1	45	sf		x	1	-	sf	6 x 10	60 x 1	60	sf		
<b>Shared</b>																
US Lobby Lounge		x		-	sf	806	x	1	806	sf	25 x 30	750 x 1	750	sf	new	
US Student Center	274	x	1	274	sf	614	x	1	614	sf	20 x 25	500 x 1	500	sf	increased size	
US Lecture Hall / Performance		x		-	sf	981	x	1	981	sf	30 x 40	1200 x 1	1,200	sf	new	
US Multipurpose Space		x		-	sf	390	x	1	390	sf		0 x	-	sf		
US Greenhouse		x		-	sf	670	x	1	670	sf		0 x	-	sf		
Book Storage	142	x	1	142	sf		x		-	sf		0 x	-	sf		
US Storage	12.88	x	9	116	sf	36	x	5	180	sf	5 x 10	50 x 4	200	sf		
US Meeting/Club Rooms		x		-	sf	285.2	x	5	1,426	sf	12 x 12.5	150 x 3	450	sf	new	
<b>UPPER SCHOOL TOTAL</b>				<b>7,607</b>	<b>sf</b>				<b>17,577</b>	<b>sf</b>			<b>16,785</b>	<b>sf</b>	1.65	<b>27,695</b>



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# UPPER SCHOOL

PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED													
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY	AREA (NSF)									
<b>SCIENCE</b>																				
<b>Lower School</b>																				
LS Science Lab	694	x	1	694	sf	614	x	2	1,228	sf	25	x	30	750	x	2	1,500	sf	22 students ea	
LS Science Prep Room	70	x	1	70	sf	94	x	1	94	sf	8	x	12.5	100	x	2	200	sf		
<b>Middle School</b>																				
MS Science Lab	711.5	x	2	1,423	sf	621	x	2	1,242	sf	25	x	30	750	x	2	1,500	sf		
MS Science Prep Room	72	x	2	144	sf	117.5	x	2	235	sf	8	x	12.5	100	x	2	200	sf		
<b>Upper School</b>																				
US Science Lab - Biology	705	x	1	705	sf	709	x	1	709	sf	25	x	32	800	x	1	800	sf		
US Science Lab - Advanced Bio	526	x	1	526	sf	526	x	1	526	sf	25	x	32	800	x	1	800	sf		
US Science Prep - Biology	178	x	1	178	sf	178	x	1	178	sf	12	x	15	180	x	1	180	sf		
US Science Lab - Physics	577	x	1	577	sf	577	x	1	577	sf	25	x	32	800	x	1	800	sf		
US Science Prep - Physics	28	x	1	28	sf	28	x	1	28	sf	12	x	15	180	x	1	180	sf		
US Science Lab - Chemistry	694	x	1	694	sf	694	x	1	694	sf	25	x	32	800	x	1	800	sf		
US Science Prep - Chemistry	134	x	1	134	sf	134	x	1	134	sf	12	x	15	180	x	1	180	sf		
US Science Storage - Chemistry	79	x	1	79	sf	79	x	1	79	sf	6	x	10	60	x	1	60	sf		
US Science Lab - Research		x	1	-	sf	870	x	1	870	sf	20	x	25	500	x	1	500	sf	new	
US Science Prep				-	sf	114	x	1	114	sf	12	x	15	180	x	1	180	sf	new	
US Science Lab - Multiday				-	sf	603		1	603	sf		x		0	x		-	sf		
US Science Project Room	316	x	1	316	sf	316	x	1	316	sf	17	x	18.5	315	x	1	315	sf		
US Science Storage	40	x	1	40	sf	15	x	1	15	sf	6	x	10	60	x	1	60	sf		
<b>Offices</b>																				
Science Dept Office	395	x	1	395	sf	402	x	1	402	sf	15	x	26	390	x	1	390	sf	9 people	
<b>SCIENCE TOTAL</b>				<b>6,003</b>	<b>sf</b>				<b>8,044</b>	<b>sf</b>							<b>8,645</b>	<b>sf</b>	1.65	<b>14,263</b>



PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED													
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY	AREA (NSF)									
<b>ART</b>																				
<b>Lower School</b>																				
LS Art Room	x		-	sf	616	x	1	616	sf	25	x	30	750	x	1	750	sf	22 students ea		
<b>Shared Instructional Rooms</b>																				
Art Studio	1248.5	x	2	2,497	sf	1175.66	x	3	3,527	sf	35	x	35	1225	x	2	2,450	sf		
Photography Lab and Vestibule	198	x	1	198	sf	178	x	1	178	sf	12.5	x	16	200	x	1	200	sf		
Throw Wheel Studio		x	1	-	sf		x		-	sf		x		0	x	1	-	sf		
Kiln	48	x	1	48	sf	48	x	1	48	sf	6	x	8	48	x	1	48	sf		
Digital Graphics Studio		x	1	-	sf		x		-	sf	15	x	20	300	x	1	300	sf	new	
Film Studies		x	1	-	sf	297	x	1	297	sf	15	x	20	300	x	1	300	sf	new	
<b>Offices</b>																				
Art Dept Office (4 people)	208	x	1	208	sf	208	x	1	208	sf	12.5	x	16	200	x	1	200	sf		
<b>Shared</b>																				
Art Storage		x	1	-	sf	14	x	2	28	sf	5	x	40	200	x	1	200	sf	new	
Film Studies Storage		x		-	sf	38	x	1	38	sf	5	x	10	50	x	1	50	sf	new	
Exhibition Hall		x		-	sf	750	x	1	750		22	x	35	770	x	1	770	sf	new	
Exhibition Hall Storage		x				434	x	1	434		8	x	10	80	x	1	80	sf	new	
<b>VISUAL ARTS TOTAL</b>				<b>2,951</b>	<b>sf</b>				<b>6,124</b>	<b>sf</b>							<b>5,348</b>	<b>sf</b>	1.65	<b>8,824</b>

PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED													
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY	AREA (NSF)									
<b>MUSIC</b>																				
<b>Lower School</b>																				
LS Music Room	x		-	sf	480	x	1	480	sf	25	x	30	750	x	1	750	sf	22 students ea		
<b>Shared Instructional Rooms</b>																				
Instrumental Room (Recital Room)	774	x	1	774	sf	773	x	1	773	sf	20	x	40	800	x	1	800	sf		
Music/Choral Room (Recital Room)	1030	x	1	1,030	sf	937	x	1	937	sf	25	x	40	1000	x	1	1,000	sf		
Music/Choral Room Storage	14	x	2	28	sf	83	x	3	249	sf	3	x	25	75	x	1	75	sf		
Mixing Room	323	x	1	323	sf	323	x	1	323	sf	18	x	18	324	x	1	324	sf		
Practice Rooms	97.4	x	5	487	sf	97.4	x	5	487	sf	10	x	12	120	x	8	960	sf	increased #	
<b>Offices</b>																				
Music Dept Office	157	x	1	157	sf		x		-	sf	15	x	20	300	x	1	300	sf	4 full time + 2	
<b>Shared</b>																				
Performance (see US Lecture Hall)														0	x		-	sf		
Instrument Storage		x		-	sf		x		-	sf	10	x	20	200	x	1	200	sf	new	
<b>MUSIC TOTAL</b>				<b>2,799</b>	<b>sf</b>				<b>3,249</b>	<b>sf</b>							<b>4,409</b>	<b>sf</b>	1.65	<b>7,275</b>



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# ART AND MUSIC

PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED											
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY	AREA (NSF)							
<b>THEATER ARTS</b>																		
<b>Main Theater</b>																		
Theater (Lower Level)	2602	x	1	2,602	sf	2695	x	1	2,695	sf	45 x 60	2700	x	1	2,700	sf		
Theater (Balcony)	903	x	1	903	sf	977	x	1	977	sf	45 x 22	990	x	1	990	sf		
Lighting/Sound Booth	31	x	1	31	sf	31	x	1	31	sf	5 x 6	30	x	1	30	sf		
Green Room		x		-	sf	165	x	1	165	sf	14 x 15	210	x	1	210	sf	new	
Dressing Rooms (Girls & Boys)		x	1	-	sf	137	x	2	274	sf	10 x 10	100	x	2	200	sf	new	
Storage	72	x	1	72	sf	95	x	1	95	sf	10 x 10	100	x	1	100	sf		
Scenery Shop	323	x	1	323	sf	418	x	1	418	sf	20 x 20	400	x	1	400	sf		
Set Storage	342	x	1	342	sf	233	x	1	233	sf	15 x 20	300	x	1	300	sf		
Theater Vestibule		x		-	sf	79	x	1	79	sf	x	0	x		-	sf		
Theater Support		x		-	sf	515	x	1	515	sf	x	0	x		-	sf		
<b>Black Box Theater</b>																		
Black Box Theater	1492	x	1	1,492	sf	1491	x	1	1,491	sf	38 x 39	1482	x	1	1,482	sf		
Lighting/Sound Booth	88	x	1	88	sf	88	x	1	88	sf	8 x 10	80	x	1	80	sf		
Green Room	208	x	1	208	sf	208	x	1	208	sf	14 x 15	210	x	1	210	sf		
Scene Shop		x	1	-	sf	861	x	1	861	sf	20 x 20	400	x	1	400	sf	new	
Set Storage		x	1	-	sf		x		-	sf	15 x 20	300	x	1	300	sf	new	
<b>Offices</b>																		
Drama Dept Office	161	x	1	161	sf	322	x	1	322	sf	15 x 20	300	x	1	300	sf	4 people	
<b>THEATER ARTS TOTAL</b>				<b>6,222</b>	<b>sf</b>				<b>8,452</b>	<b>sf</b>				<b>7,702</b>	<b>sf</b>		1.65	<b>12,708</b>



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PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED													
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY		AREA (NSF)								
<b>LIBRARY</b>																				
<b>Main Library</b>																				
Reading Area and Stacks	2805	x	1	2,805	sf	2803	x	1	2,803	sf	37	x	80	2960	x	1	2,960	sf		
Periodical Room (Server Room)	104	x	1	104	sf	104	x	1	104	sf	10	x	10	100	x	1	100	sf		
Library Annex		x		-	sf	683	x	1	683	sf	22	x	27.5	605	x	1	605	sf	increased size	
<b>Lower School Library</b>																				
LS Reading Area and Stacks	940	x	1	940	sf	940	x	1	940	sf	23	x	45	1035	x	1	1,035	sf	increased size	
<b>Support</b>																				
Library Office	149	x	1	149	sf	149	x	1	149	sf	10	x	15	150	x	1	150	sf		
Library Academic Conference Room	179	x	1	179	sf	179	x	1	179	sf	10	x	20	200	x	1	200	sf		
Library Hillman Conference Room	154	x	1	154	sf		x		-	sf	10	x	20	200	x	1	200	sf		
Storage	23	x	1	23	sf	23	x	1	23	sf	10	x	15	150	x	1	150	sf	increased size	
Archive Room		x		-	sf	317	x	1	317	sf	10	x	15	150	x	1	150	sf		
<b>LIBRARY TOTAL</b>				<b>4,354</b>	<b>sf</b>				<b>5,198</b>	<b>sf</b>							<b>5,550</b>	<b>sf</b>	1.65	<b>9,158</b>

PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED													
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY		AREA (NSF)								
<b>TECHNOLOGY</b>																				
<b>Lower School</b>																				
LS Computer Tech Center	203	x	1	203	sf	400	x	1	400	sf	22	x	25	550	x	1	550	sf	22 students ea	
<b>Middle School</b>																				
MS Computer Tech Center	492	x	1	492	sf	442	x	1	442	sf	25	x	25	625	x	1	625	sf		
<b>Upper School</b>																				
US Computer Tech Center	431	x	1	431	sf	689	x	1	689	sf	25	x	25	625	x	1	625	sf	increased size	
US Computer Classroom				-	sf	459	x	1	459	sf		x		0	x		-	sf		
Computer Server				-	sf	110	x	1	110	sf	8	x	10	80	x	1	80	sf		
<b>Office</b>																				
US Computer Rm (US C Lab)	186		1	186	sf	123	x	1	123	sf	10	x	15	150	x	1	150	sf		
Technology Office (US Service)	79	x	1	79	sf	152	x	1	152	sf	8	x	10	80	x	1	80	sf		
Technology Office	61	x	1	61	sf		x		-	sf	8	x	10	80	x	1	80	sf		
<b>TECHNOLOGY TOTAL</b>				<b>1,452</b>	<b>sf</b>				<b>2,375</b>	<b>sf</b>							<b>2,190</b>	<b>sf</b>	1.65	<b>3,614</b>



PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED													
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY	AREA (NSF)									
<b>ATHLETICS/PHYSICAL EDUCATION</b>																				
<b>Alumni Gym</b>																				
Alumni Gym main space	2832	x	1	2,832	sf	x	-	sf	x	0	x	-	sf							
Coaches' Office	98	x	1	98	sf	x	-	sf	x	0	x	-	sf							
Storage	175	x	1	175	sf	x	-	sf	x	0	x	-	sf							
Storage	45	x	1	45	sf	x	-	sf	x	0	x	-	sf							
Storage	19	x	1	19	sf	x	-	sf	x	0	x	-	sf							
<b>Main Gym</b>																				
Gymnasium (Court)	4814	x	1	4,814	sf	4807	x	1	4,807	sf	60	x	96	5,760	x	1	5,760	sf	increased size	
Gymnasium (Spectator)		x	1	-	sf		x	-	sf	18	x	96	1728	x	1	1,728	sf	increased size		
Storage	23.5	x	6	141	sf	28.2	x	5	141	sf	3	x	12	36	x	6	216	sf		
Main Locker Room	1311	x	1	1,311	sf	1311	x	1	1,311	sf	21	x	40	840	x	1	840	sf		
Home Locker Room	282	x	1	282	sf	282	x	1	282	sf	14	x	20	280	x	1	280	sf		
Visitor Locker Room	273	x	1	273	sf	273	x	1	273	sf	14	x	19.5	273	x	1	273	sf		
Equipment Room	148	x	1	148	sf	148	x	1	148	sf	9	x	16.5	149	x	1	149	sf		
Training Room	139	x	1	139	sf	139	x	1	139	sf	11.5	x	12	138	x	1	138	sf		
Shower Room	125	x	2	250	sf	125	x	2	250	sf	10	x	20	200	x	2	400	sf		
Dryer Room	93	x	1	93	sf	93	x	1	93	sf	7.5	x	12	90	x	1	90	sf		
Staff Locker/Shower	54	x	1	54	sf	54	x	1	54	sf	9	x	6	54	x	1	54	sf		
Women's Locker Room		x		-	sf	66	x	1	66	sf	6	x	10	60	x	1	60	sf	new	
Women Staff Locker Room		x		-	sf	64	x	1	64	sf	6	x	10	60	x	1	60	sf	new	
Men Staff Locker Room		x		-	sf	66	x	1	66	sf	6	x	10	60	x	1	60	sf	new	
Athletic Director's Office	80	x	1	80	sf	80	x	1	80	sf	9	x	9	81	x	1	81	sf		
Coaches' Office	213	x	1	213	sf	213	x	1	213	sf	14.5	x	14.5	210	x	1	210	sf		
Laundry	132	x	1	132	sf	132	x	1	132	sf	11	x	12	132	x	1	132	sf		
<b>Secondary Gym</b>																				
Gymnasium (Court)	3550	x	1	3,550	sf	3550	x	1	3,550	sf	48	x	74	3552	x	1	3,552	sf		
Storage	16.4	x	7	115	sf	20	x	6	120	sf	3	x	18	54	x	1	54	sf		
<b>Additional Athletic Space</b>																				
Fitness Room	789	x	1	789	sf	777	x	1	777	sf	25	x	40	1000	x	1	1,000	sf	increased size	
Movement Room											40	x	70	2800	x	1	2,800	sf	new	
<b>ATHLETICS TOTAL</b>				<b>15,553</b>					<b>12,566</b>	<b>sf</b>							<b>17,937</b>	<b>sf</b>	1.65	<b>29,596</b>



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# ATHLETICS

PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED											
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY	AREA (NSF)							
<b>DINING</b>																		
<b>Main Dining Room</b>																		
Dining Area	2778	x	1	2,778	sf	3442	x	1	3,442	sf	35 x 99	3465	x	1	3,465	sf	increased size	
Kitchen	1416	x	1	1,416	sf	1417	x	1	1,417	sf	25 x 60	1500	x	1	1,500	sf		
Multi-use Space		x		-	sf	616	x	1	616	sf	22 x 30	660	x	1	660	sf	new	
Event Storage											3 x 10	30	x	1	30	sf	new	
<b>Lower School Dining Room</b>																		
Lower School Dining Room	805	x	1	805	sf	910	x	1	910	sf	25 x 40	1000	x	1	1,000	sf	increased size	
Dry Storage	255	x	1	255	sf	211	x	1	211	sf	12 x 20	240	x	1	240	sf		
LS Dining Storage	21	x	1	21	sf		x		-	sf		0	x		-	sf		
<b>Food Services Support</b>																		
Kitchen Office	39	x	1	39	sf	39	x	1	39	sf	5 x 10	50	x	1	50	sf		
Kitchen Storage	16	x	1	16	sf	51	x	1	51	sf	5 x 10	50	x	2	100	sf		
Kitchen Storage	88	x	1	88	sf		x		-	sf		0	x		-	sf		
Walk-in Freezer	210	x	1	210	sf	210	x	1	210	sf	10 x 20	200	x	1	200	sf		
Staff Changing Rooms (M&W)	65	x	2	130	sf		x		-	sf	6 x 12	72	x	2	144	sf		
<b>DINING TOTAL</b>				<b>5,758</b>	<b>sf</b>				<b>6,896</b>	<b>sf</b>					<b>7,389</b>	<b>sf</b>	1.65	<b>12,192</b>



PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED												
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT		QTY	AREA (NSF)							
<b>ADMINISTRATION</b>																			
<b>Lobby</b>																			
Lobby		x	-	sf	863	x	1	863	sf	x	0	x	-	sf					
North Lobby	681	X	1	681	sf	664	x	1	664	sf	14	x	60	840	x	1	840	sf	
South Lobby	1432	x	1	1,432	sf	1456	x	1	1,456	sf	17	x	60	1020	x	1	1,020	sf	
Security	54	x	1	54	sf	54	x	1	54	sf	7	x	8	56	x	1	56	sf	
Security Vestibules	246	x	1	246	sf	246	x	1	246	sf	8	x	16	128	x	1	128	sf	
<b>Administration General</b>																			
General Reception	693	x	1	693	sf	612	x	1	612	sf	25	x	30	750	x	1	750	sf	increased size
Guest Coat Closet	16	x	1	16	sf	26	x	1	26	sf	3	x	10	30	x	1	30	sf	
Storage	17	x	1	17	sf	40	x	1	40	sf	3	x	5	15	x	1	15	sf	
Conference Room	334	x	1	334	sf	397	x	1	397	sf	15	x	20	300	x	1	300	sf	
Conference Room Pantry	16		1	16	sf	15		1	15	sf	2.5	x	6	15	x	1	15	sf	
Conference Room & Storage		x		-	sf	169	x	1	169	sf	18	x	25	450	x	1	450	sf	new
Postage/Volume Copy Room	178	x	1	178	sf	221	x	1	221	sf	12	x	15	180	x	1	180	sf	
Mail Room (Receiving)	178	x	1	178	sf	185	x	1	185	sf	10	x	13	130	x	1	130	sf	
Mail Room (Faculty and Student)	128	x	1	128	sf		x		-	sf	10	x	13	130	x	1	130	sf	
Book Storage	150	x	2	300	sf	164	x	1	164	sf	10	x	12	120	x	1	120	sf	
<b>Headmaster</b>																			
Headmaster's Office	267	x	1	267	sf	251	x	1	251	sf	15	x	18	270	x	1	270	sf	
HM Asst Office	181	x	1	181	sf	197	x	1	197	sf	10	x	15	150	x	1	150	sf	
HM Storage	7.75	x	3	23	sf		x		-	sf	2.5	x	6	15	x	1	15	sf	
<b>Business Office</b>																			
Business Office Reception	205	x	1	205	sf	199	x	1	199	sf	15	x	20	300	x	1	300	sf	increased size
Director of Finance and Operations	130	x	1	130	sf	235	x	1	235	sf	12	x	15	180	x	1	180	sf	increased size
Controller/Treasury	85	x	1	85	sf	129	x	1	129	sf	10	x	12	120	x	1	120	sf	increased size
Human Resources and Personnel	83	x	1	83	sf	117	x	1	117	sf	10	x	12	120	x	1	120	sf	increased size
Accounts Payable	186	x	1	186	sf		x		-	sf	10	x	15	150	x	1	150	sf	2 people
Central (Archive) Storage	122	x	1	122	sf		x		-	sf	10	x	12	120	x	1	120	sf	
Misc Storage	31	x	2	62	sf		x		-	sf	2.5	x	6	15	x	1	15	sf	
<b>Admissions Office</b>																			
Admissions Reception	227	x	1	227	sf	215	x	1	215	sf	14	x	20	280	x	1	280	sf	4 people
Director of Admissions' Office	167	x	1	167	sf	163	x	1	163	sf	12	x	15	180	x	1	180	sf	
Admissions Officer	10	x	1	10	sf	136	x	1	136	sf	10	x	12	120	x	2	240	sf	
Admissions Storage	33	x	1	33	sf		x		-	sf	2.5	x	6	15	x	1	15	sf	





PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED								
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY	AREA (NSF)				
<b>Development Office</b>															
Dev Reception & Office	626	x	1	626	sf	642	x	1	642	sf	12 x 30	360 x 1	360 sf	3 people	
Development Director's Office	114	x	1	114	sf	138	x	1	138	sf	10 x 15	150 x 1	150 sf		
Director of Annual Giving		x		-	sf		x		-	sf	10 x 12	120 x 1	120 sf	new	
Fundraising Office		x		-	sf		x		-	sf	10 x 12	120 x 1	120 sf	new	
Alumni Development Office		x		-	sf		x		-	sf	10 x 12	120 x 1	120 sf	new	
Publications Office	40	x	1	40	sf	71	x	1	71	sf		0 x	- sf		
Development Office											10 x 12	120 x 1	120 sf		
Alumni Conference Room	226	x	1	226	sf	237	x	1	237	sf	15 x 20	300 x 1	300 sf		
Development Storage	35	x	1	35	sf	47	x	1	47	sf	5 x 8	40 x 1	40 sf		
<b>Academic Dean</b>															
Academic Dean Office		x		-	sf	221	x	1	221	sf	10 x 15	150 x 1	150 sf	new	
Dean's Asst		x		-	sf	204	x	1	204	sf	10 x 10	100 x 1	100 sf	new	
<b>College Guidance</b>															
College Guidance Office 1	199	x	1	199	sf		x		-	sf		0 x	- sf	see upper school	
<b>Parent Association</b>															
Parent Association Office	261	x	1	261	sf	210	x	1	210	sf	17 x 20	340 x 1	340 sf	increased size	
PA Storage	33	x	1	33	sf		x		-	sf	10 x 12	120 x 1	120 sf	increased size	
<b>Nurse</b>															
Nurse's Office	165	x	1	165	sf	171	x	1	171	sf	10 x 15	150 x 1	150 sf		
<b>Plant Director</b>															
Plant Director's Office	82	x	1	82	sf	124	x	1	124	sf	10 x 12	120 x 1	120 sf	increased size	
<b>ADMINISTRATION TOTAL</b>				<b>7,835</b>	<b>sf</b>				<b>8,819</b>	<b>sf</b>			<b>8,629</b>	<b>sf</b>	1.65 <b>14,238</b>



PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED													
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY	AREA (NSF)									
<b>SERVICE</b>																				
Bldg Service Supervisor Office	85	x	1	85	sf	x	-	sf	9	x	10	90	x	1	90	sf				
Maintenance Shop	445	x	1	445	sf	433	x	1	433	sf	20	x	30	600	x	1	600	sf	increased size	
Break Room		x		-	sf	x	-	sf	10	x	15	150	x	1	150	sf		new		
Staff Lockers Male		x		-	sf	x	-	sf	10	x	15	150	x	1	150	sf				
Staff Lockers Female		x		-	sf	x	-	sf	6	x	10	60	x	1	60	sf				
Trash Room		x		-	sf	x	-	sf	6	x	10	60	x	1	60	sf		new		
Refrigerated Trash Room		x		-	sf	x	-	sf	6	x	10	60	x	1	60	sf		new		
Janitor's Closet	18.21	x	14	255	sf	21.47	x	21	451	sf	6	X	8	48	x	8	384	sf		
Maintenance Workroom	183	x	1	183	sf	21	x	1	21	sf	15	X	30	450	x	1	450	sf		
Storage	35	x	1	35	sf	70	x	1	70	sf	5	X	10	50	x	10	500	sf		
Storage	104	x	1	104	sf	29	x	1	29	sf		x		0	x		-	sf		
Storage	144	x	1	144	sf	39	x	1	39	sf		x		0	x		-	sf		
Storage	45	x	2	90	sf		x		-	sf		x		0	x		-	sf		
Storage	3	x	2	6	sf	6	x	1	6	sf		x		0	x		-	sf		
Equipment Storage	334	x	1	334	sf	91	x	1	91	sf	15	X	20	300	x	1	300	sf		
Loading/Delivery Area	249	x	1	249	sf	193	x	1	193	sf	15	X	20	300	x	1	300	sf		
Loading/Delivery Storage	21	x	1	21	sf		x		-	sf		x		0	x		-	sf		
<b>SERVICE TOTAL</b>				<b>1,951</b>	<b>sf</b>				<b>1,333</b>	<b>sf</b>							<b>3,104</b>	<b>sf</b>	1.65	<b>5,122</b>



**SERVICE**

PROGRAM DETAIL	EXISTING			HELPERN OPT 7			PROPOSED						
	ROOM	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY	AREA (NSF)		
<b>SUBTOTAL</b>				<b>78,436</b>	<b>sf</b>		<b>106,065</b>	<b>sf</b>			<b>113,577</b>	<b>sf</b>	<b>1.65</b>
Mechanical & WC (20%)					sf						22,715	sf	
Circulation (incl Stair & Elev) (25%)					sf						34,073	sf	
<b>TOTAL GROSS SQUARE FEET</b>				<b>136,568</b>	<b>gsf</b>		<b>gsf</b>				<b>170,366</b>	<b>gsf</b>	<b>187,402</b>

**WC SUMMARY** (note: not part of net square feet - accounted for in grossing factor)

WC	UNIT	QTY	AREA (NSF)	UNIT	QTY	AREA (NSF)	ROOM SIZE	UNIT	QTY	AREA (NSF)				
WC - Reception Women	67.5 x	2	135	sf	x	-	sf	10 x	15	150 x	1	150	sf	
WC - Reception Men	60.5 x	2	121	sf	x	-	sf	10 x	15	150 x	1	150	sf	
WC - Students	111.6 x	11	1,228	sf	126.22 x	18	2,272	sf	10 X	15	150 X	8	1,200	sf
WC - Kindergarten	x		-	sf	35 x	3	105	sf	x		0 x		-	sf
WC - Faculty/Staff	39.1 x	12	469	sf	43.23 x	22	951	sf	6 x	8	48 x	16	768	sf
WC - Athletics Main Locker Rm	100 x	1	100	sf	100 x	1	100	sf	10 x	15	150 x	1	150	sf
WC - Athletics Visitor Locker Rm	43 x	1	43	sf	43 x	1	43	sf	10 x	15	150 x	1	150	sf
WC - Athletics Staff	28 x	1	28	sf	28 x	1	28	sf	6 x	8	48 x	2	96	sf
WC - Athletics Staff	66 x	1	66	sf	x		-	sf	x		0 x		-	sf
WC - Dining Room	x		-	sf	45 x	2	90	sf	10 x	15	150 x	1	150	sf
WC - Dining Room	x		-	sf	x		-	sf	6 x	8	48 x	1	48	sf
WC - Food Service Staff	37 x	1	37	sf	37 x	1	37	sf	6 x	8	48 x	1	48	sf
WC - Theater Women	129 x	1	129	sf	129 x	1	129	sf	10 X	15	150 x	1	150	sf
WC - Theater Men	82 x	1	82	sf	82 x	1	82	sf	10 x	15	150 x	1	150	sf
WC - Nurse	x		-	sf	42 x	1	42	sf	6 x	8	48 x	1	48	sf
<b>WC TOTAL</b>			<b>2,438</b>	<b>sf</b>		<b>3,879</b>	<b>sf</b>					<b>3,258</b>	<b>sf</b>	





## SECTION G - ADJACENCIES AND PROGRAM SCHEMES

### ADJACENCY DIAGRAMS

The next stage of programming involves test fits of the program from the space allocation list into the proposed building envelope.

Several considerations influence the placement of program:

- 1) What program adjacencies are most effective for how the Administration, Divisions and Departments work and interact? Ideas gleaned from the faculty workshops and faculty survey will guide these placements.
- 2) What program adjacencies can minimize commute times and facilitate use of shared spaces?
- 3) How do existing conditions affect these adjacencies? What major program components are best left in their current locations for reasons of cost or spatial implications (i.e. double height space)? The main theater/auditorium, 3rd floor gym, and possibly 11th floor gym are examples.

Different approaches will be analyzed, with each approach having varying levels of constructibility and cost implications. The different approaches to adjacencies will then be test fitted in plan.

### PROGRAM SCHEMES

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Scheme 3 - Optimized Adjacency	G11
Scheme 4 - Gym in West End Plaza	G12
Scheme 5 - West End Collegiate Church Residential Tower	G13
Scheme 6 - West End Collegiate Church School Tower	G14
3 - PROGRAM SCHEME PLANS	
Scheme 0 - Minimal Impact	G15-G31
Scheme 1 - No Bookend	G32-G49
Scheme 2 - Minimal Impact to Platten Hall	G50-G67
Scheme 3 - Optimized Adjacency	G68-G84
Scheme 4 - Gym in West End Plaza	G84-G102
Scheme 5 - West End Collegiate Church Residential Tower	G103-G120
Scheme 6 - West End Collegiate Church School Tower	G120-135



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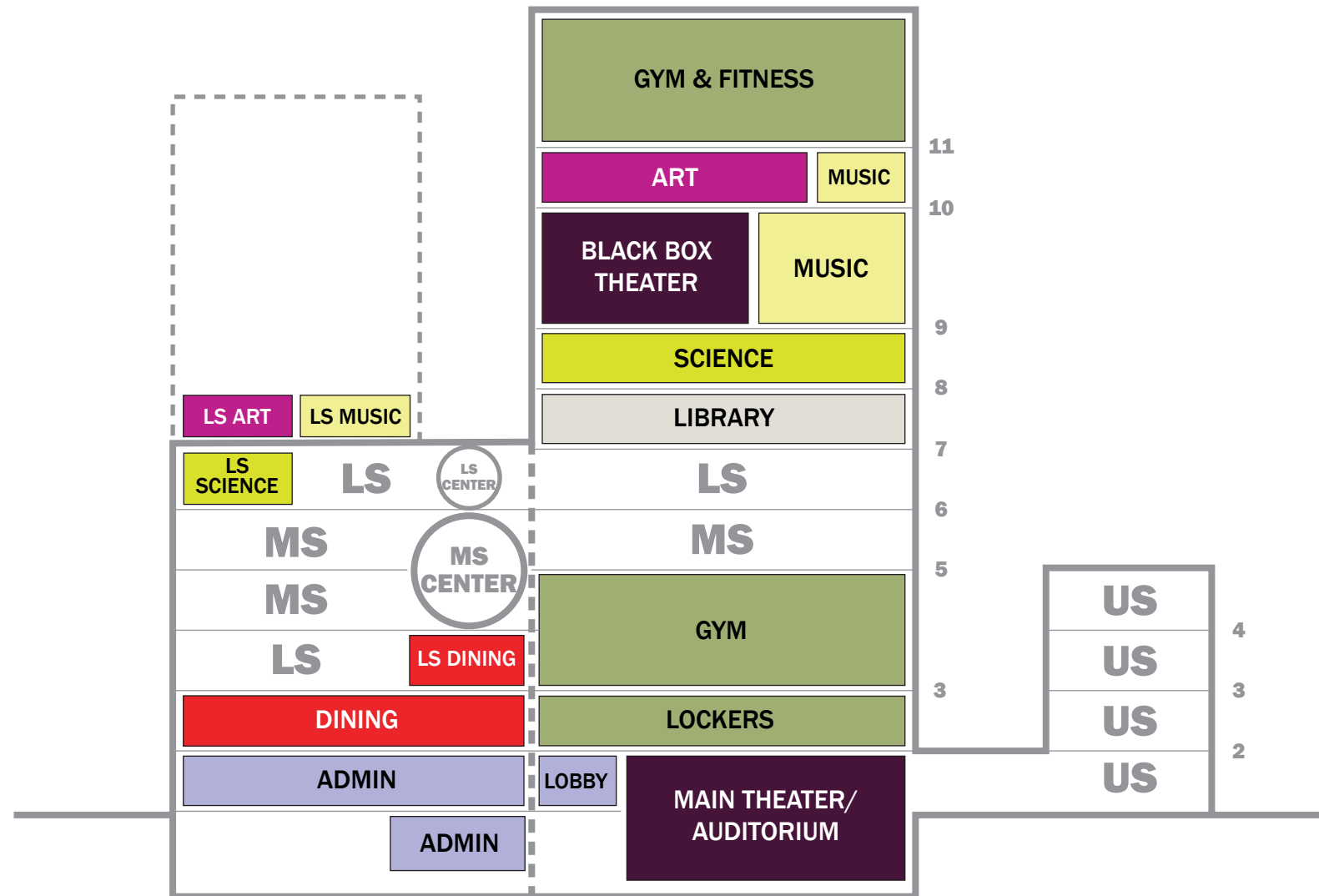
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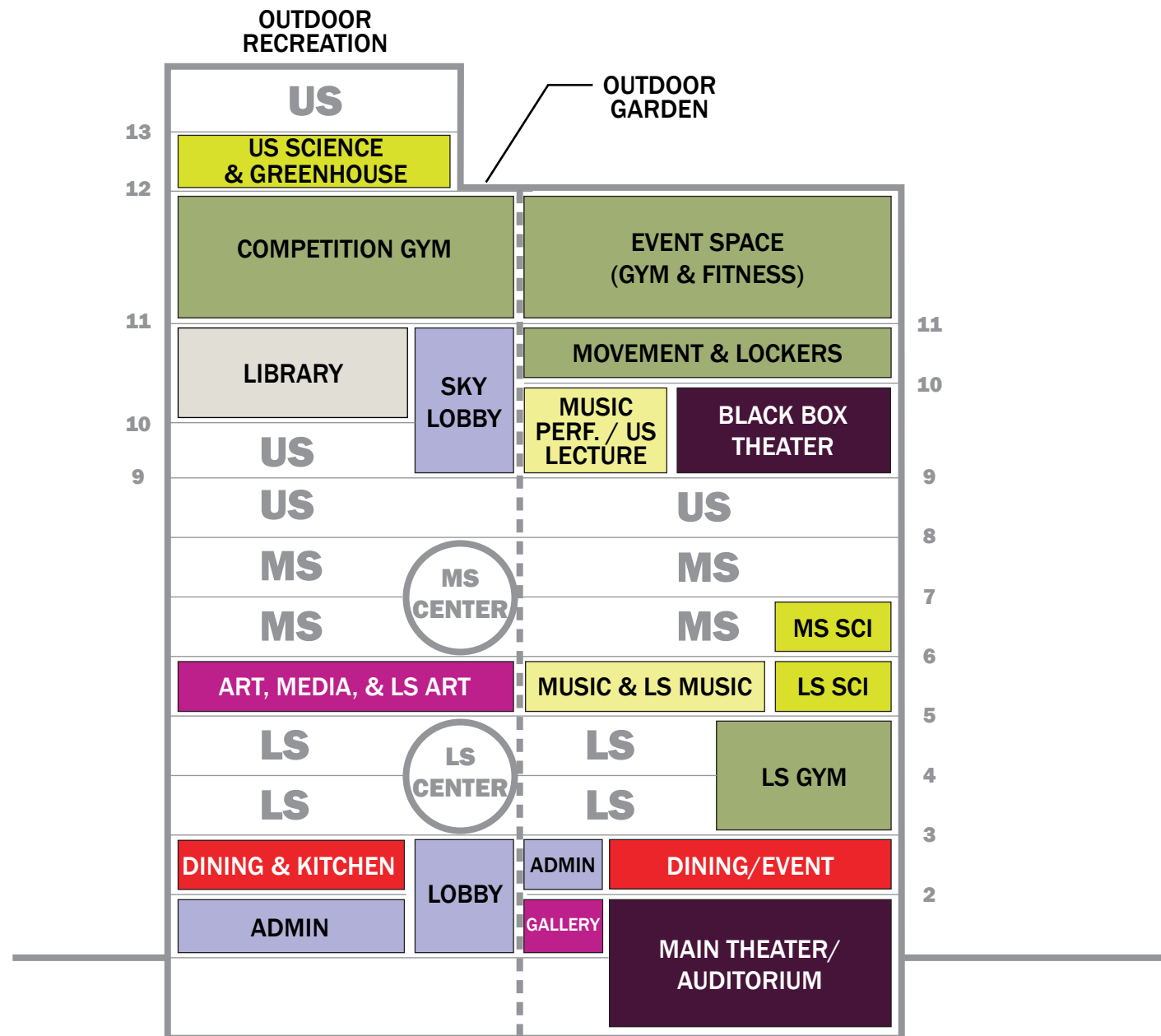
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## ADJACENCIES AND TEST FIT SCHEMES





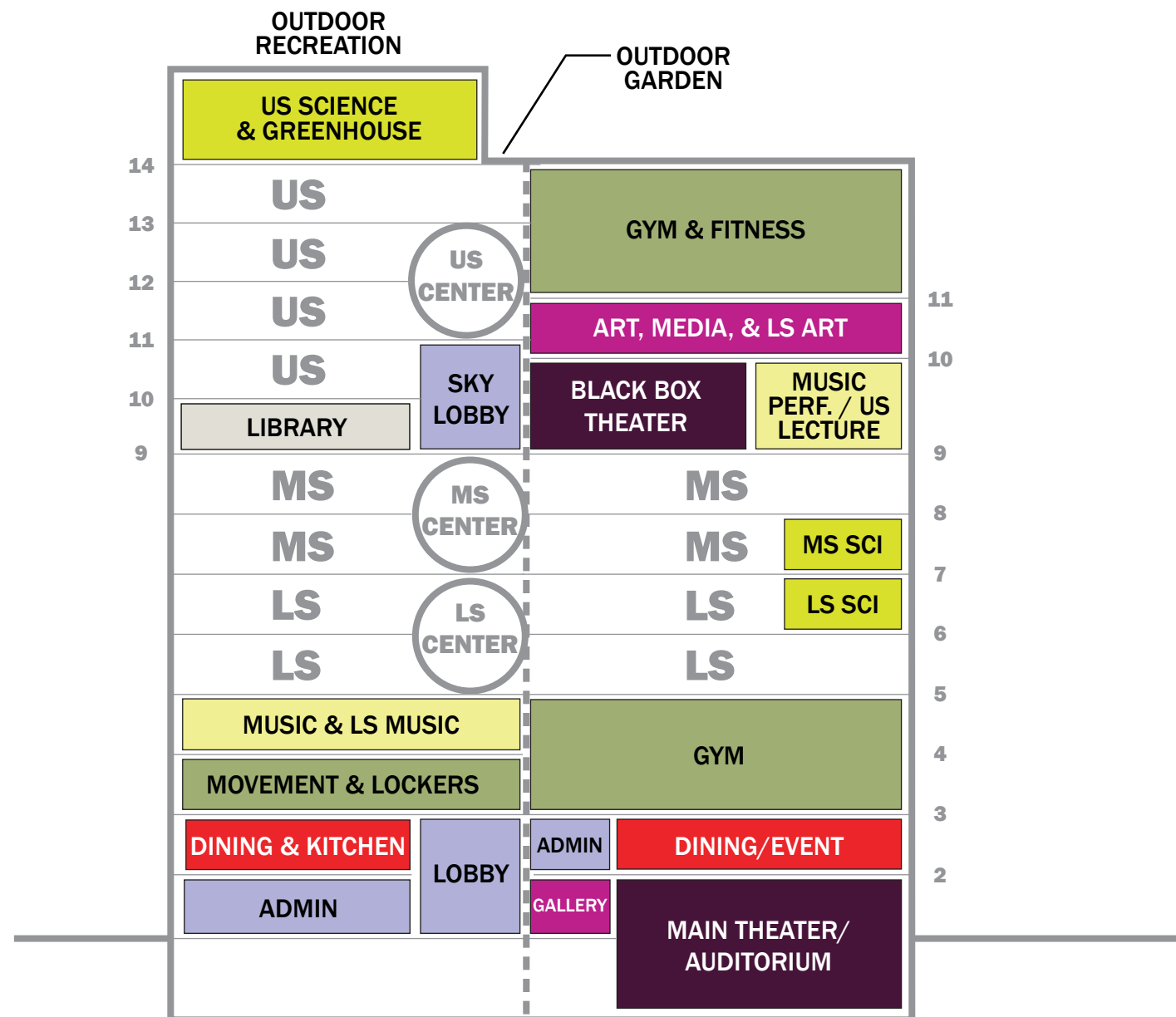
# EXISTING ADJACENCIES



**SUMMARY OF CONCEPT**

- Most infrastructural changes to create preferable relationships.
- Maintain locations of Auditorium and Dining/Kitchen.
- Add new competition gym adjacent to 11th floor gym
- Consolidate Athletics on 10th floor with new Locker Room and Movement Room
- Repurposing 3rd floor gym as smaller LS “dedicated” PE space
- LS on 3rd and 4th floors
- Art, LS art, music, and LS music on 5th floor
- MS on 6th and 7th floors
- US on 8th and 9th
- Sky Lobby on 9th and 10th floors linking new Library, Athletics center, Black Box, and Music Performance/Lecture space.
- US Science center and greenhouse at top of building

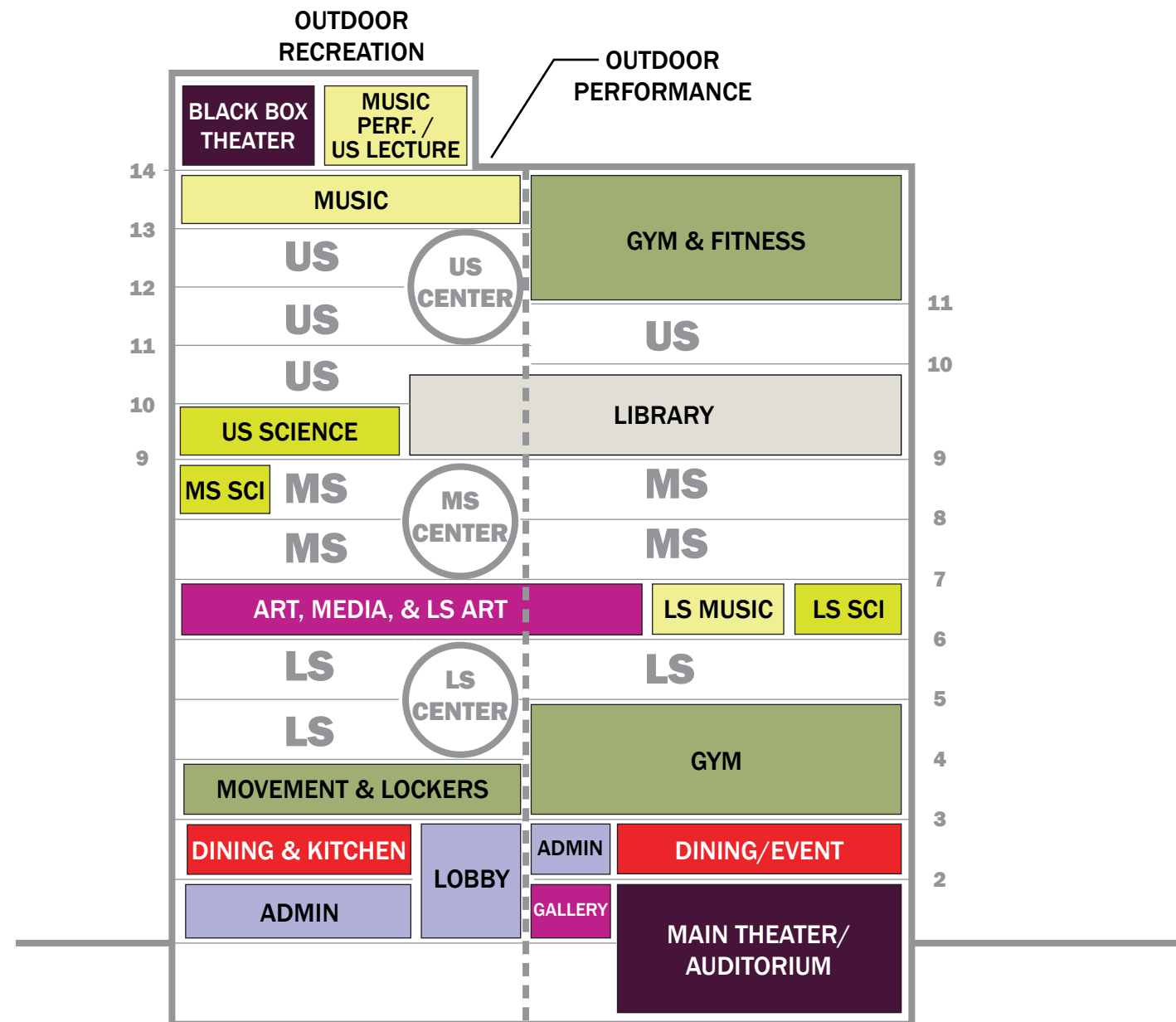




**SUMMARY OF CONCEPT**

- Sky lobby on 9th and 10th floors linking new Library, Black Box and US Lecture Hall/Music Performance
- Maintain locations of Auditorium, Gyms, Dining/Kitchen and Black Box
- Consolidate Athletics on 3rd floor with new Locker Room and Movement Room
- Relocate Music and LS Music on 4th floor to provide easy visitor access for recitals
- LS on 5th and 6th floors
- MS on 8th and 9th floors
- Consolidate Art and LS Art on 10th floor to facilitate special equipment use
- US on 10th through 13th floors
- Science Center and Greenhouse at top of building



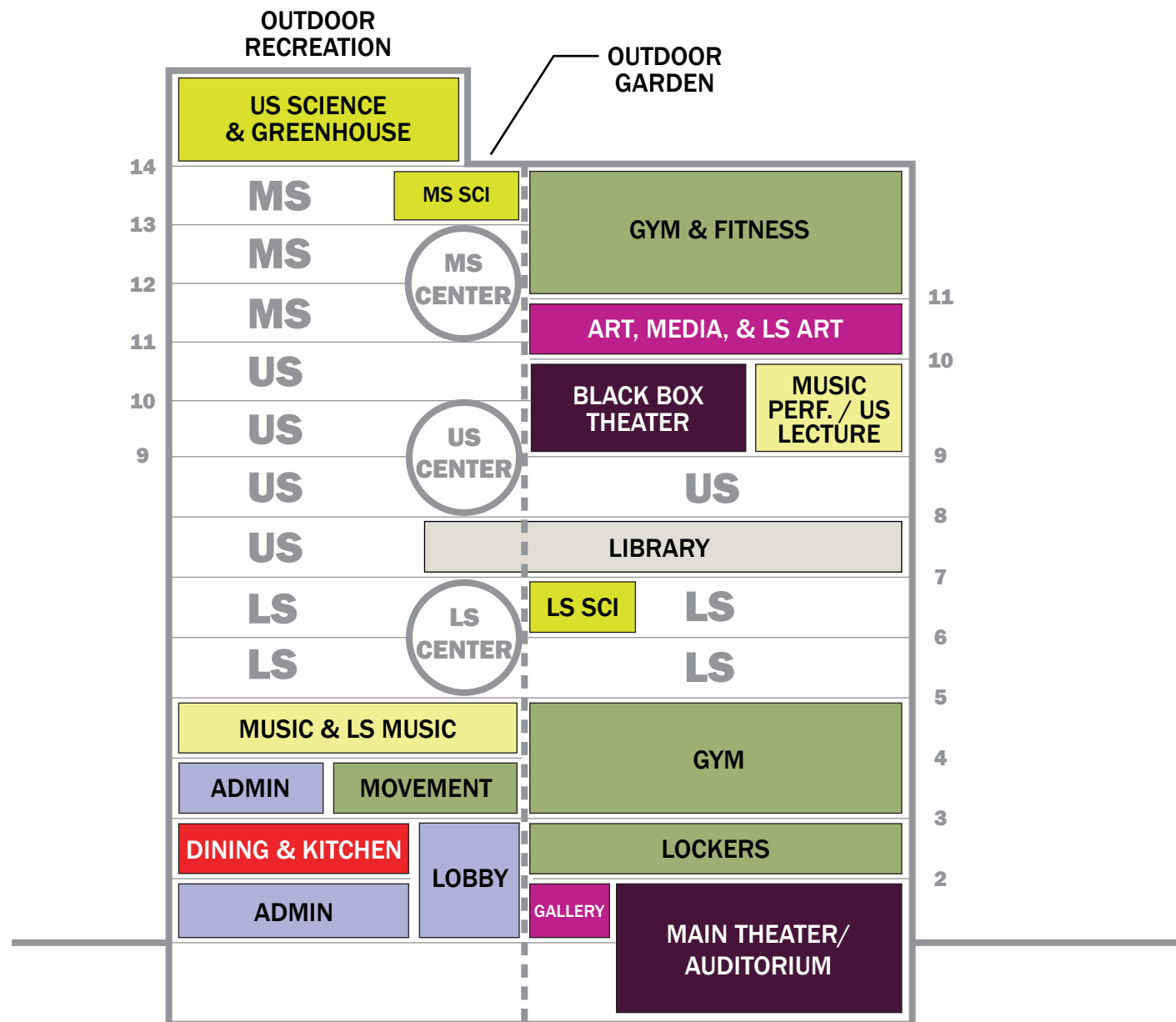


**SUMMARY OF CONCEPT**

- Maintain locations of Main Theater/Auditorium, Gyms and Dining/Kitchen.
- Consolidate Athletics on 3rd floor with new Locker Room and Movement Room
- LS on 4th and 5th floors
- LS specialty classrooms on 6th floor with Art to facilitate special equipment use
- MS on 7th and 8th floors with MS Science
- Relocate and expand Library on 9th floor adjacent to US for easy access.
- US and US Science on 9th through 12th floors .
- Performance Center at top of building with Black Box and US Lecture Hall/Music Performance space







**SUMMARY OF CONCEPT**

- Least amount of infrastructural change and maintains locations of Auditorium, Gyms, Dining/Kitchen, Black Box and Library
- Add Movement Room for yoga/martial arts/dance as well as Administration on 3rd floor.
- Relocate Music and LS Music on 4th floor to provide easy visitor access for recitals
- LS on 5th and 6th floors including LS Art, LS Science
- Relocate and consolidate Art and LS Art on 6th to facilitate special equipment use
- Upgrade and expand Library on 7th floor
- US on 7th for direct access to library
- US on 8th through 10th with US Lecture Hall (designed to double as Music Performance space)
- MS on 11th through 13th floors. Easy access to Gym on 11th floor.
- Science Center and Greenhouse at top of building, with close proximity to MS science on 13th floor.



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## PROGRAM SCHEMES AND TEST FITS

**\$98M - \$108M** Helpern Opt 7 All-In Total Project Cost

- **SCHEME 0 - MINIMAL IMPACT:** Minimize changes to WEP and Platten Hall. Results in least expensive scheme. **\$67M - \$74M**
- **SCHEME 1 - NO BOOKEND:** Concentrate renovation and expansion to WEP and Platten Hall. Avoid construction on Bookend site. Results in compromised and reduction of program. **\$80M - \$88M**
- **SCHEME 2 - MINIMUM IMPACT TO PLATTEN HALL:** Build on Bookend site. Make minimal but select alterations to Platten Hall to create better programmatic adjacencies. **\$92M - \$102M**
- **SCHEME 3 - OPTIMIZED PROGRAM:** Build on Bookend site. Avoid adding floors on top of WEP to create a larger roof play deck and reduce structural costs. Make select alterations to program in Platten Hall for more optimal adjacencies. **\$103M - \$113M**
- **SCHEME 4 - GYM ON WEP:** Provide full-size regulation gym with spectator seating in WEP. Work in Platten Hall is more extensive as a result of renovating more floors to create an athletic center at the top of the building in addition to optimizing adjacencies. **\$137M - \$151M**
- **SCHEME 5 - GYM AT GRADE ON WECC AND RESIDENTIAL TOWER:** Provide full-size regulation gym at grade with spectator seating by negotiating with WECC. Results in WECC development of a residential tower on top of the gym. **\$139M - \$153M**
- **SCHEME 6 - GYM AT GRADE ON WECC AND SCHOOL TOWER:** Provide full-size regulation gym at grade with spectator seating, and new school by negotiating with WECC. Results in WECC development of a residential units in top floors of WEP. **\$109M - \$120M**



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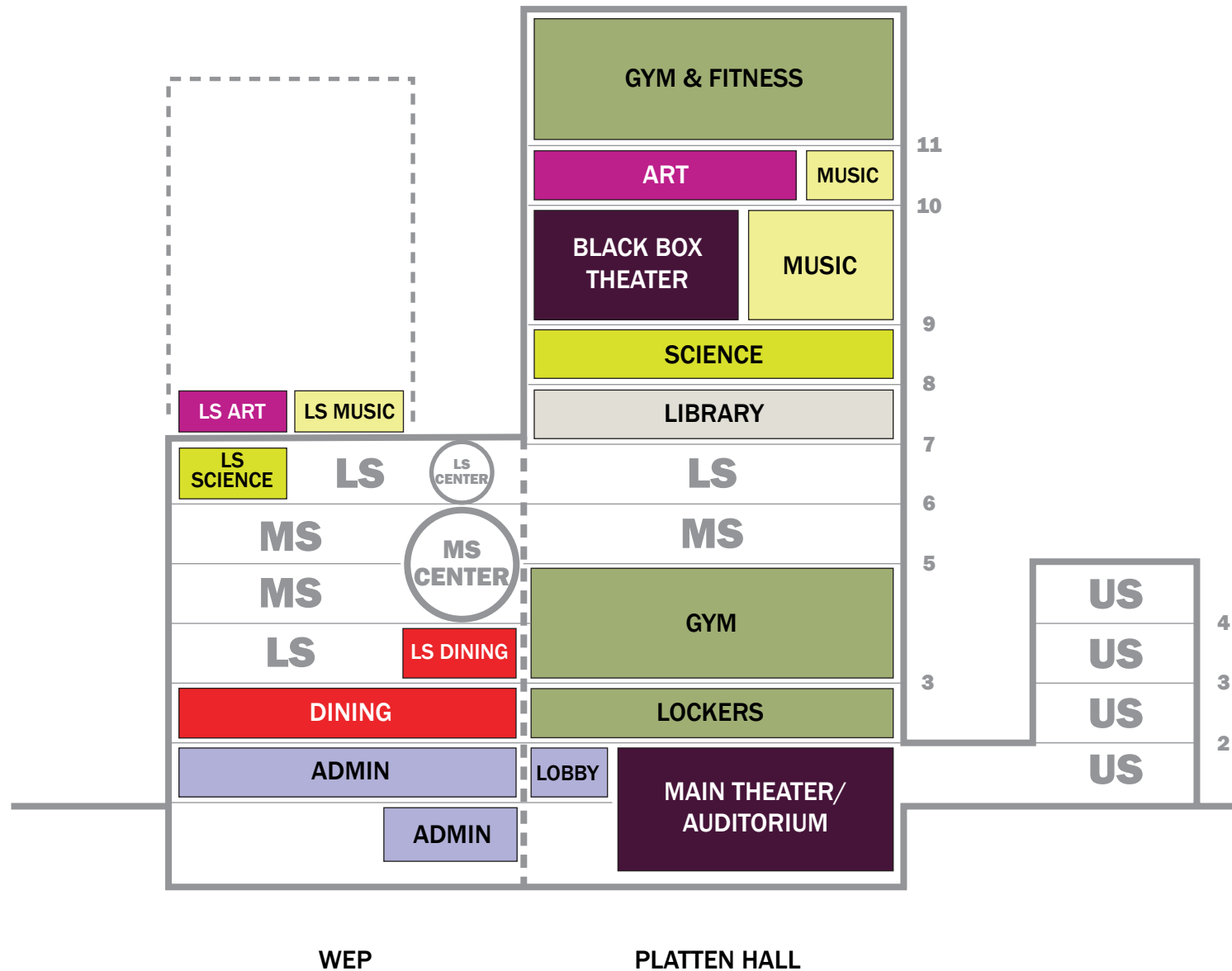
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PROGRAM SCHEMES

G6

## SUMMARY OF SCHEMES

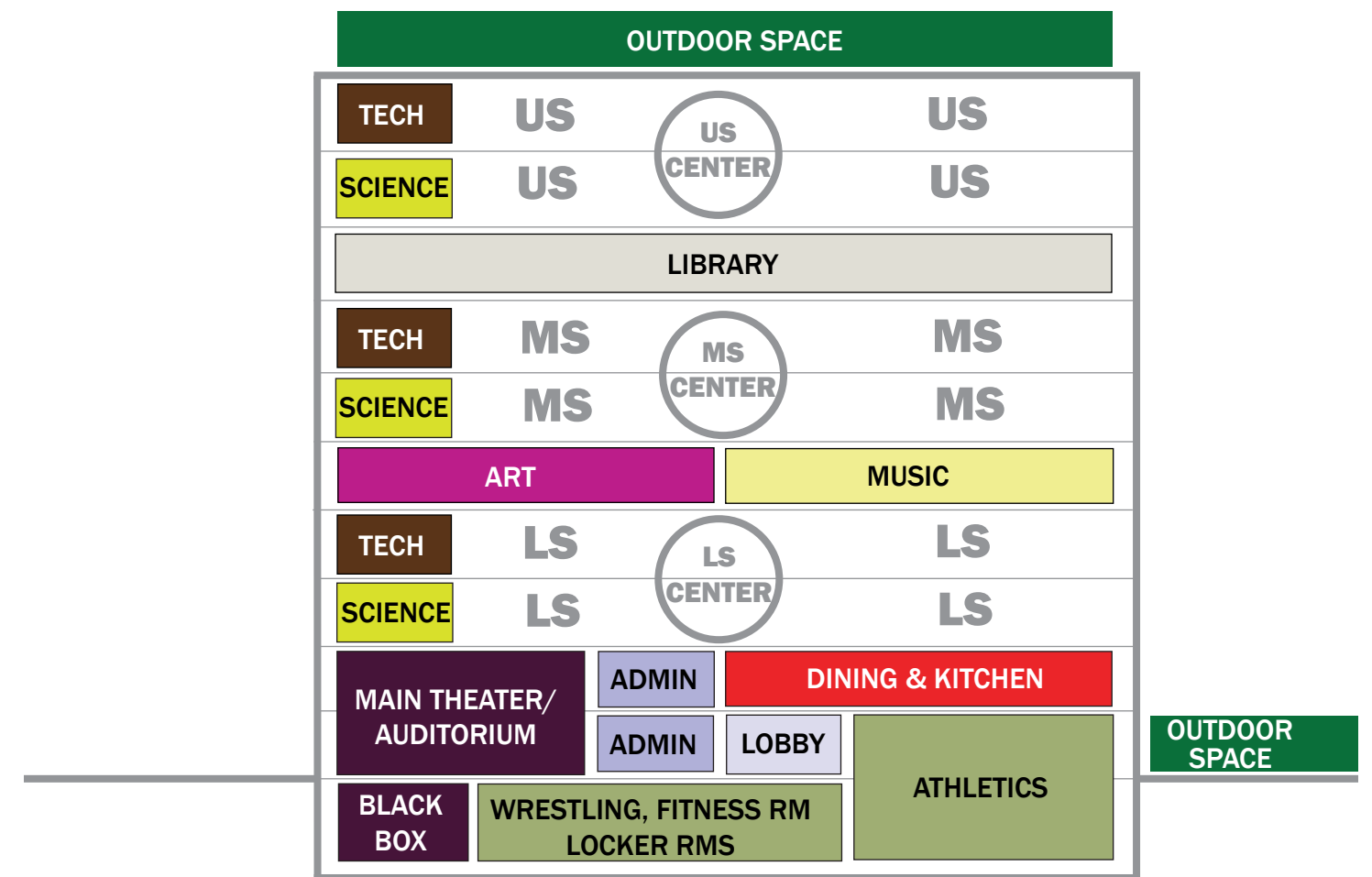
## EXISTING PROGRAM ADJACENCIES



## IDEAL PROGRAM ADJACENCIES

(in a vertical campus but not site specific)

- Major assembly and public spaces at or near entry level (administration, athletics, theater, dining)
- LS, MS and US arranged on as few levels as possible to create "horizontal" communities
- Art and Music located between schools for easy access and reduced commute times
- Library located between schools, but closer to US
- Science and Technology located within the school they serve
- Outdoor space at grade and on roof



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## SCHEME 0 GOAL:

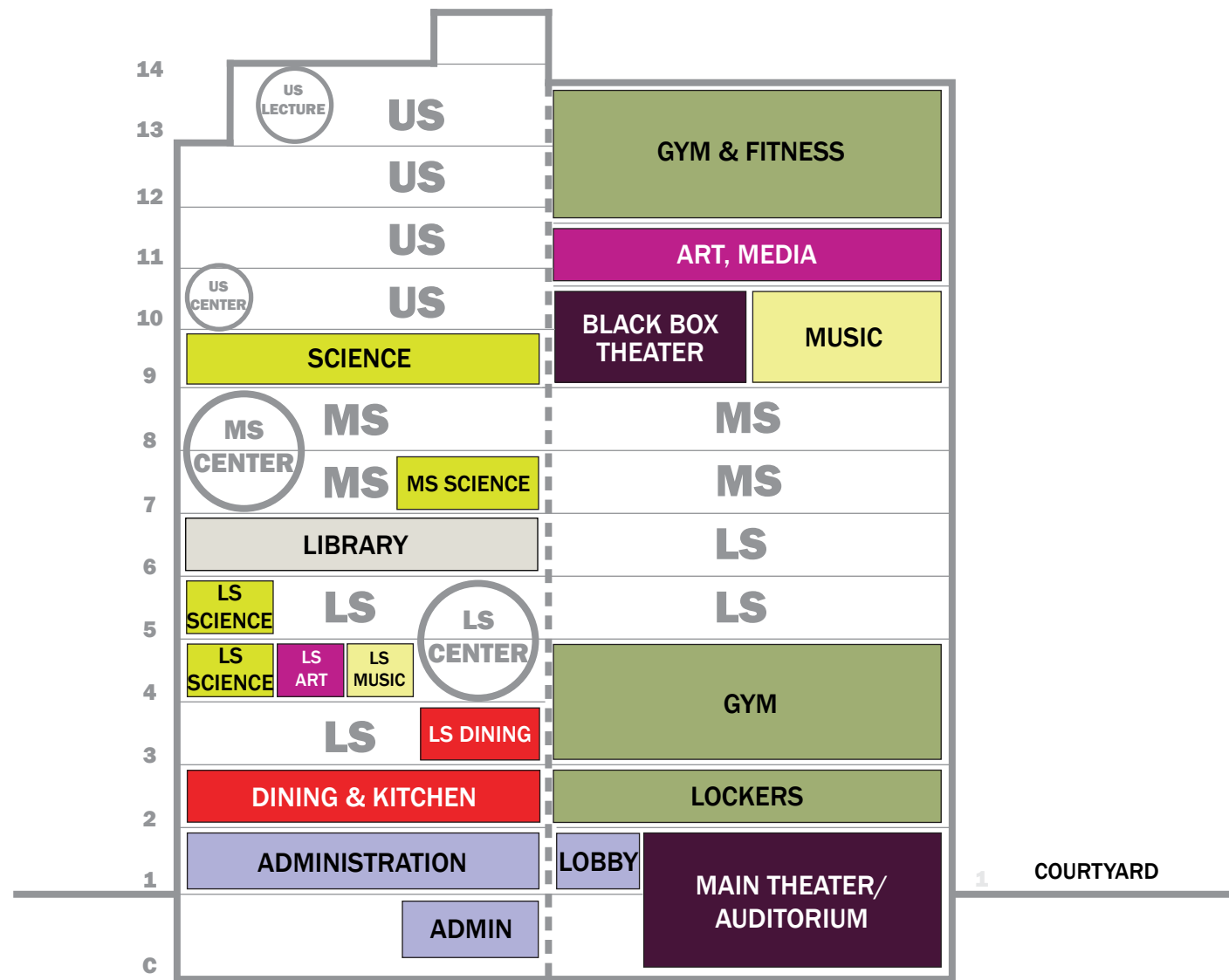
Limit changes in existing space to an absolute minimum to limit costs and phasing issues.

## BASIC STATISTICS

Height: 14 stories (above grade)  
 Gross Area: 158,447 gsf  
 Net Program Area: 89,182 nsf (78% of proposed)  
 Grossing Factor: 1.78  
 Zoning Area (FAR): ??

## FEATURES AND BENEFITS

- Least expensive scheme by avoiding construction on Bookend site
- LS and MS are each contained on two levels to create "horizontal" communities
- Library is relocated to allow for updated facilities
- US Science is relocated to allow for updated facilities
- Outdoor play deck provided on level 14
- Outdoor courtyard is maintained



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PROGRAM SCHEMES

G8

# SCHEME 0 - MINIMAL IMPACT



## SCHEME 1 GOAL:

Concentrate renovation and expansion to WEP and Platten Hall. Avoid construction on Bookend site.

## BASIC STATISTICS

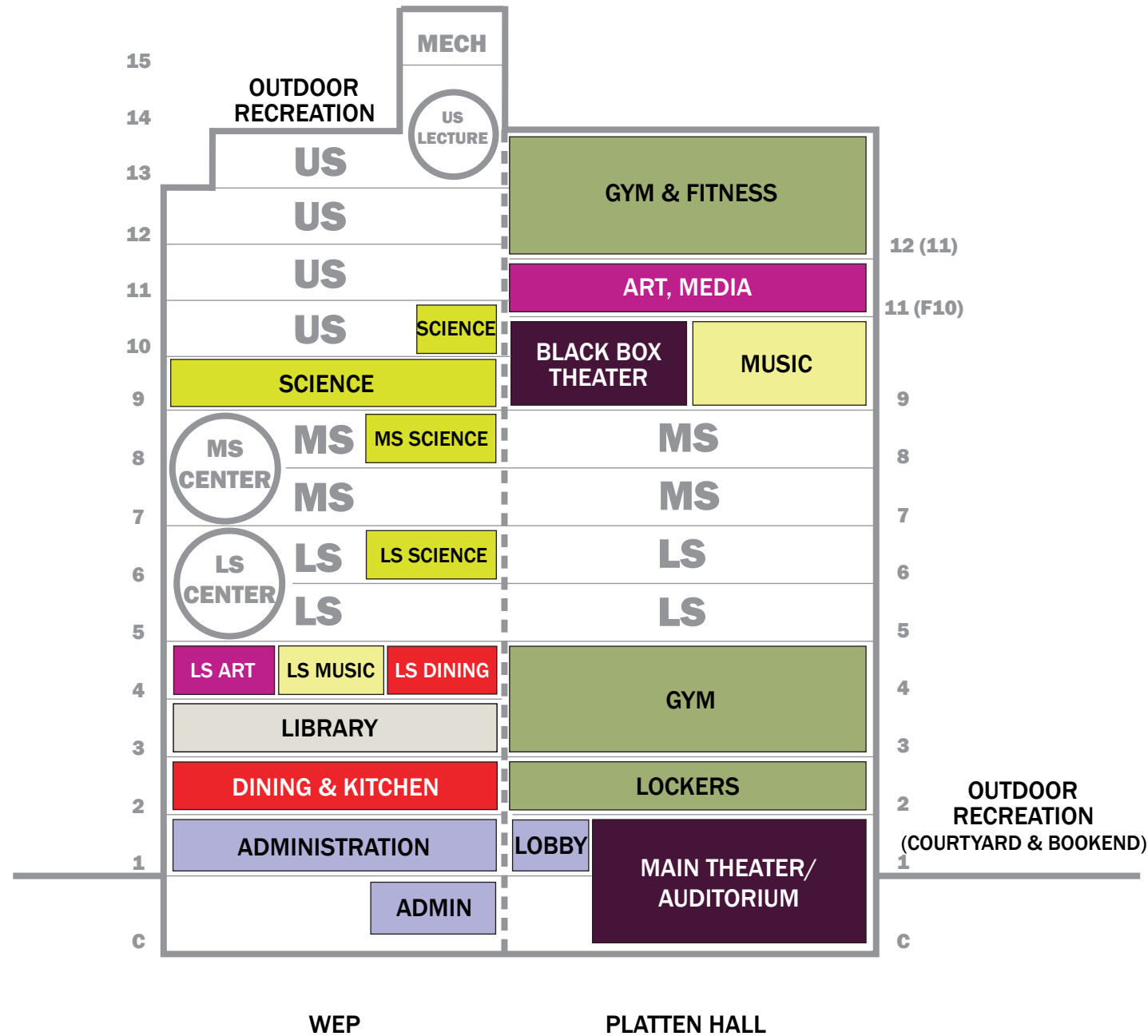
Height: 15 stories (above grade)  
 Gross Area: 161,687 gsf  
 Net Program Area: 88,773 nsf (78% of proposed)  
 Grossing Factor: 1.82  
 Zoning Area (FAR): 141,118 sf (under FAR max)

## FEATURES AND BENEFITS

- Least expensive scheme by avoiding construction on Bookend site
- LS and MS are each contained on two levels to create “horizontal” communities
- Library is relocated to allow for updated facilities
- US Science is relocated to allow for updated facilities
- Outdoor play deck provided on level 14
- Outdoor courtyard is maintained

## CONSEQUENCES AND COMPROMISES

- LS - Missing 2 reading and 2 small meetings rooms  
 - 2 reading and 1 small meeting rooms provided
- MS - Missing 1 classroom and 3 small meetings rooms  
 - 15 classrooms and 0 small meeting rooms provided
- US - Missing 7 classrooms and 3 small meeting rooms  
 - 13 classrooms and 1 small meeting room provided  
 - Could add floor for 5 more classrooms (triggers structural upgrade)  
 - Lecture hall seats 80  
 - No faculty workroom
- Science - No US Science Project Room or Research Lab
- Art - No digital graphics studio or film studies classroom  
 - No exhibition gallery  
 - No increase in storage
- Music - No increase in practice rooms  
 - No increase in music dept office space  
 - No increase in instrument storage
- Library - No increase in size
- Theater - No upgrades. All remains unchanged.
- Tech - No separate US computer lab
- Athletics - Enlarged fitness room provided, but no other changes from existing
- Dining - Main dining and LS dining are on different levels  
 - No separate multi-use space provided
- Admin - Some offices remain in cellar  
 - General Reception size less than existing  
 - No new conference room provided
- Service - No increase in maintenance shop size  
 - No increase in maintenance workroom size  
 - No increase in storage



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## SCHEME 2 GOAL:

Build on Bookend site. Make minimal but select alterations to program in Platten Hall for better adjacencies.

## BASIC STATISTICS

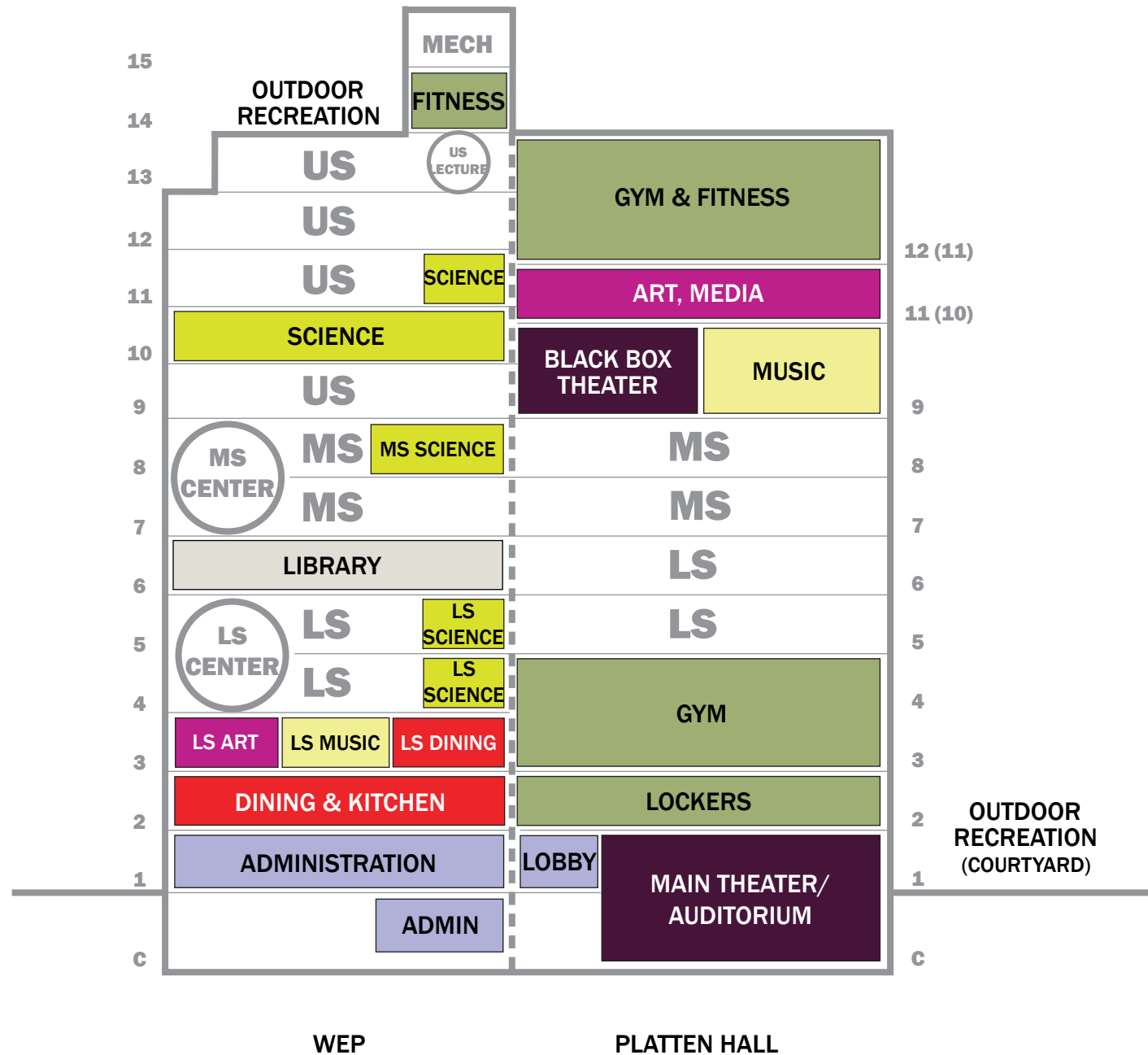
Height: 15 stories above grade  
 Gross Area: 178,012 gsf  
 Net Program Area: 100,647 nsf (89% of proposed)  
 Grossing Factor: 1.77  
 Zoning Area (FAR): 156,580 sf (max FAR)

## FEATURES AND BENEFITS

- Maximizes FAR without requiring additional FAR purchase from WECC
- MS is contained on two levels to minimize stair use
- Library is relocated to allow for updated facilities
- US Science is relocated to allow for updated facilities
- Outdoor play deck provided on level 14
- Outdoor courtyard is maintained (minus Bookend site)

## CONSEQUENCES AND COMPROMISES

- US
  - Missing 2 classrooms
  - 18 classrooms and 3 small meeting rooms provided
  - Lecture hall seats 74
  - US department offices similar in size to existing
  - No faculty workroom
- Science
  - No US Science Project Room or Research Lab
- Art
  - Digital graphics studio and film studies share a room
  - No exhibition gallery
  - No increase in storage
- Music
  - No increase in practice rooms
  - No increase in music dept office space
  - No increase in instrument storage
- Theater
  - No upgrades. All remains unchanged.
- Athletics
  - Enlarged fitness room provided, but no other changes from existing
- Dining
  - Main dining and LS dining are on different levels
  - No separate multi-use space provided
- Admin
  - Some offices remain in cellar
  - No new conference room provided
- Service
  - No increase in storage



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### SCHEME 3 GOAL:

Build on Bookend site. Avoid adding floors on WEP for a larger roof play deck and reduced structural costs. Make select alterations to program in Platten Hall for better adjacencies.

### BASIC STATISTICS

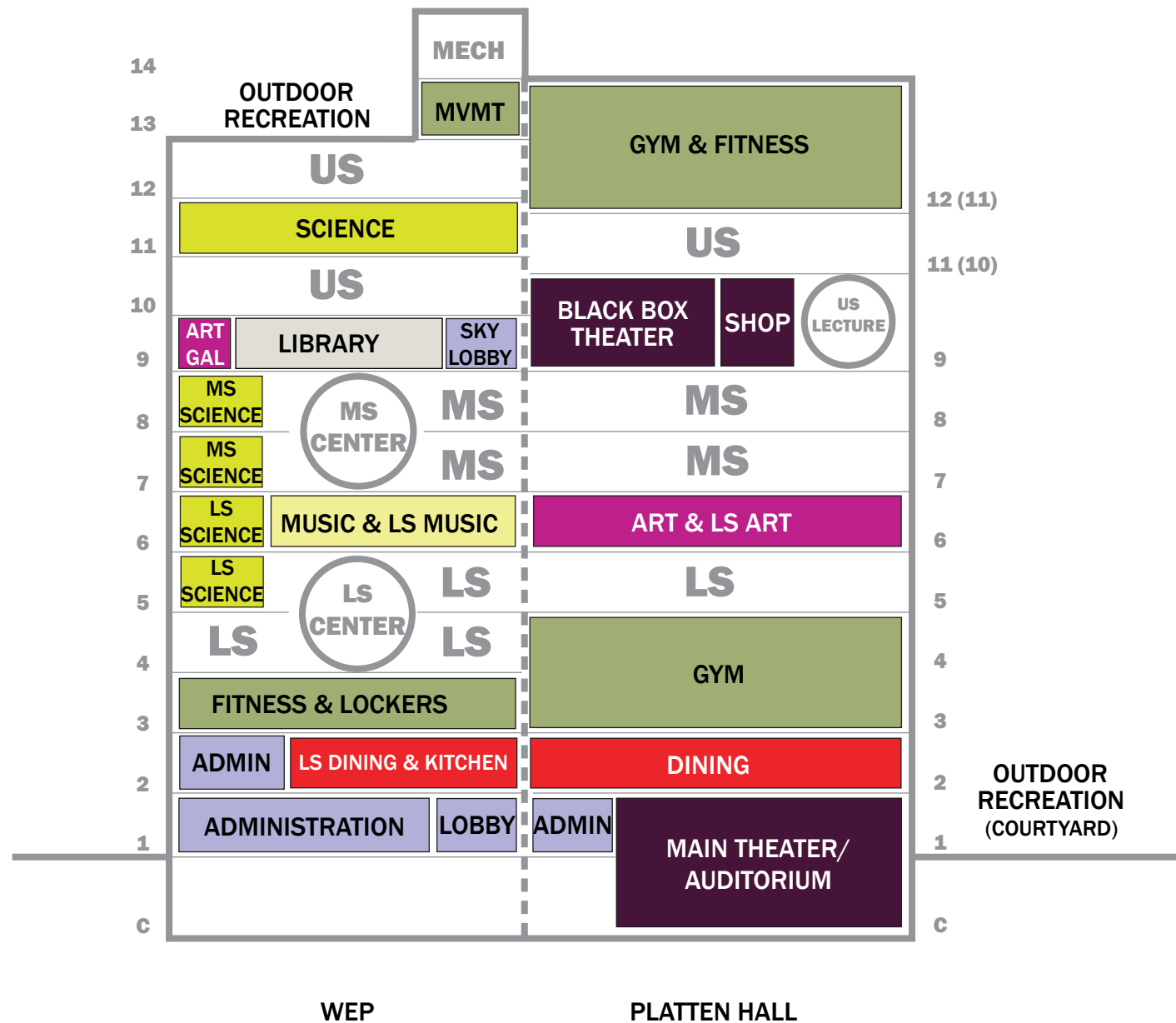
Height: 14 stories (above grade)  
 Gross Area: 180,000 gsf  
 Net Program Area: 104,508 nsf (92% of proposed)  
 Grossing Factor: 1.72  
 Zoning Area (FAR): 153,609 sf (under FAR)

### FEATURES AND BENEFITS

- Maximizes FAR without requiring additional FAR purchase from WECC
- MS is contained on two levels to minimize stair use
- New fitness room and lockers are relocated to level 3 next to gym
- Main dining and LS dining are co-located on level 2. Main dining is in a column-free space for maximum multi-use flexibility.
- Administration is removed from cellar. All Admin. offices are on levels 1 and 2.
- Art, LS Art, Music and LS Music consolidated on level 6.
- Sky lobby created on level 9 with new Library, Art exhibition space, existing Black Box, expanded shop, and new US lecture hall.
- US Science is relocated to allow for updated facilities
- US Chemistry Lab enlarged to include separate lecture space
- Outdoor play deck provided on level 13
- New Movement Rm provided in addition to 2 Gyms
- Outdoor courtyard is maintained (minus Bookend site)

### CONSEQUENCES AND COMPROMISES

- LS - No increase in reading rooms (only 2 provided)
- US - Missing 4 classrooms (but compensated with more small meeting rooms)  
 - 16 classrooms and 6 small meeting rooms provided  
 - US lecture hall seats 90
- Science - No US Science Project Room or Research Lab provided
- Art - Digital graphics studio and film studies share a room  
 - No photography lab provided  
 - No increase in storage
- Athletics - New movement room provided not large enough for wrestling mats
- Dining - No separate multi-use space provided
- Service - Reduced equipment storage space

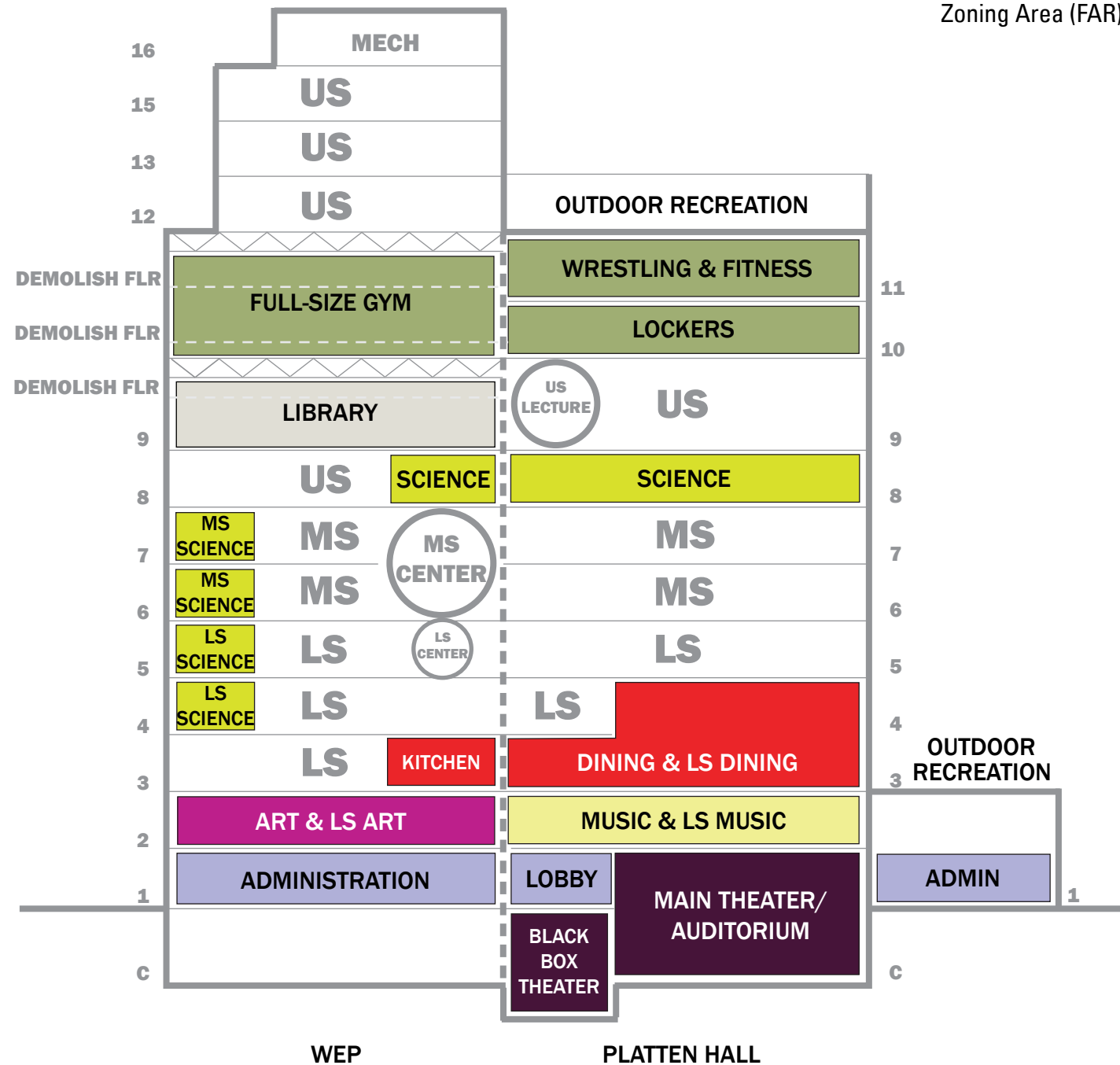


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## SCHEME 4 GOAL:

Provide full-size regulation gym in WEP.



## BASIC STATISTICS

Height: 16 stories (above grade)  
 Gross Area: 183,533 gsf  
 Net Program Area: 107,638 nsf (94% of proposed)  
 Grossing Factor: 1.71  
 Zoning Area (FAR): 163,676 sf  
 (requires 7,187 sf from WECC)

## FEATURES AND BENEFITS

- Full-size gym with 390 spectator seats
- MS is contained on two levels to minimize stair use
- New locker rooms are relocated to level 10 next to gym
- New wrestling and fitness rooms on level 11 creates sports complex at top of building
- Main dining and LS dining are co-located on level 3 in the repurposed gym.
- Main dining is a column-free space for maximum multi-use flexibility.
- New outdoor play deck on level 3 adjacent to dining room.
- Administration is removed from cellar. All offices are on level 1.
- Art, LS Art, Music and LS Music consolidated on level 2.
- Library relocated to level 9 adjacent to US lecture and US classrooms.
- Outdoor play deck provided on top of Platten Hall.
- Black Box Theater relocated to sub-cellar in vacated boiler room.

## CONSEQUENCES AND COMPROMISES

- Requires purchase of additional FAR from WECC or reduction of 1-1/2 stories which is equivalent to 5 US classrooms.
- Requires multiple phases of work due to extensive renovations in Platten Hall
- Requires extensive and costly structural work for WEP
- Requires structural work on Platten Hall if outdoor play deck is desired
- Requires structural work in sub-cellar if Black Box is relocated
- LS is on two and half floors
- US is on four floors, one of which is separated from the rest by the athletics
- US lecture hall seats 110
- Art
  - Digital graphics studio and film studies share a room
  - No exhibition hall provided
  - No increase in storage
- Dining
  - No separate multi-use space provided



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## SCHEME 5 GOAL:

Provide full-size regulation gym at grade by negotiating with WECC. Results in WECC development of a residential tower on top of the gym.

## BASIC STATISTICS

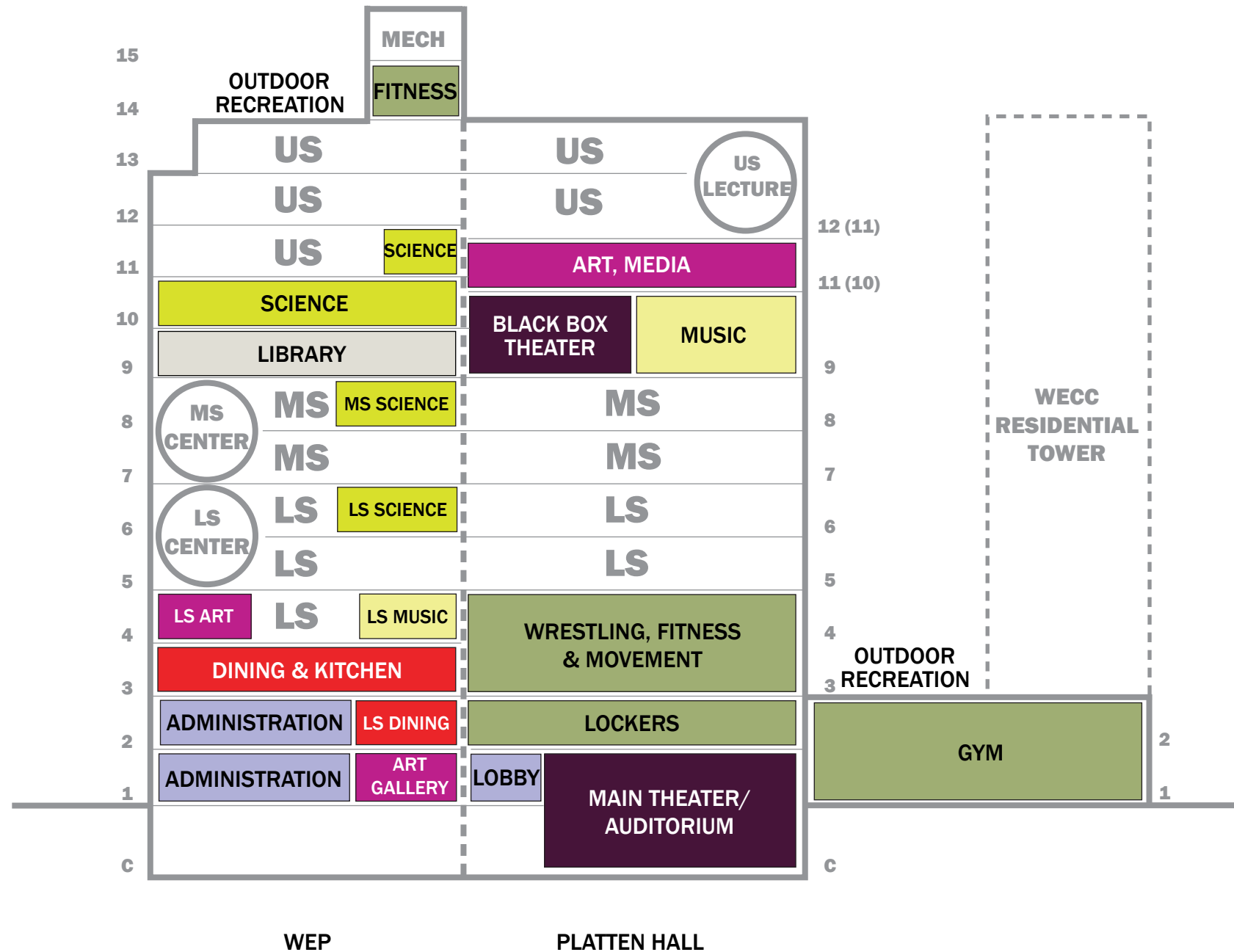
Height: 15 stories (above grade)  
 Gross Area: 177,956 gsf  
 Net Program Area: 103,102 nsf (91% of proposed)  
 Grossing Factor: 1.73  
 Zoning Area (FAR): 156,580 sf (max FAR allowed)

## FEATURES AND BENEFITS

- Full-size gym with 364 spectator seats, conveniently located on level 1.
- Gym on level 3 can accommodate wrestling, fitness and a movement room to operate multiple p.e. classes simultaneously.
- Outdoor play deck on level 3 on adjacent to dining room and gym.
- Administration is removed from cellar. All offices are on levels 1 and 2.
- LS, MS and US classrooms are each contained on two or two and a half levels to minimize stair use and create ideal "horizontal" relationships
- Library relocated to level 9 adjacent to US lecture and US classrooms.
- US Science is relocated to allow for updated facilities
- Outdoor play deck provided on top of Platten Hall.

## CONSEQUENCES AND COMPROMISES

- Requires negotiations with WECC.
- Extensive and costly construction at interface with WECC buildings.
- Loss of level 1 courtyard which become the residential tower lobby.
- US
  - Missing 2 classrooms and 1 small meeting room
  - 18 classrooms and 3 small meeting rooms provided
  - No faculty workroom provided
  - US lecture hall seats 119
  - US department offices reduced in size
- Science
  - No US Science Project Room or Research Lab
- Art
  - Digital graphics studio and film studies share a room
  - No increase in storage
- Music
  - No increase in practice rooms
  - No increase in music dept office space
  - No increase in instrument storage
- Dining
  - No separate multi-use space provided
  - LS dining is separated from main dining room and kitchen
- Service
  - No increase in storage



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## SCHEME 4 GOAL:

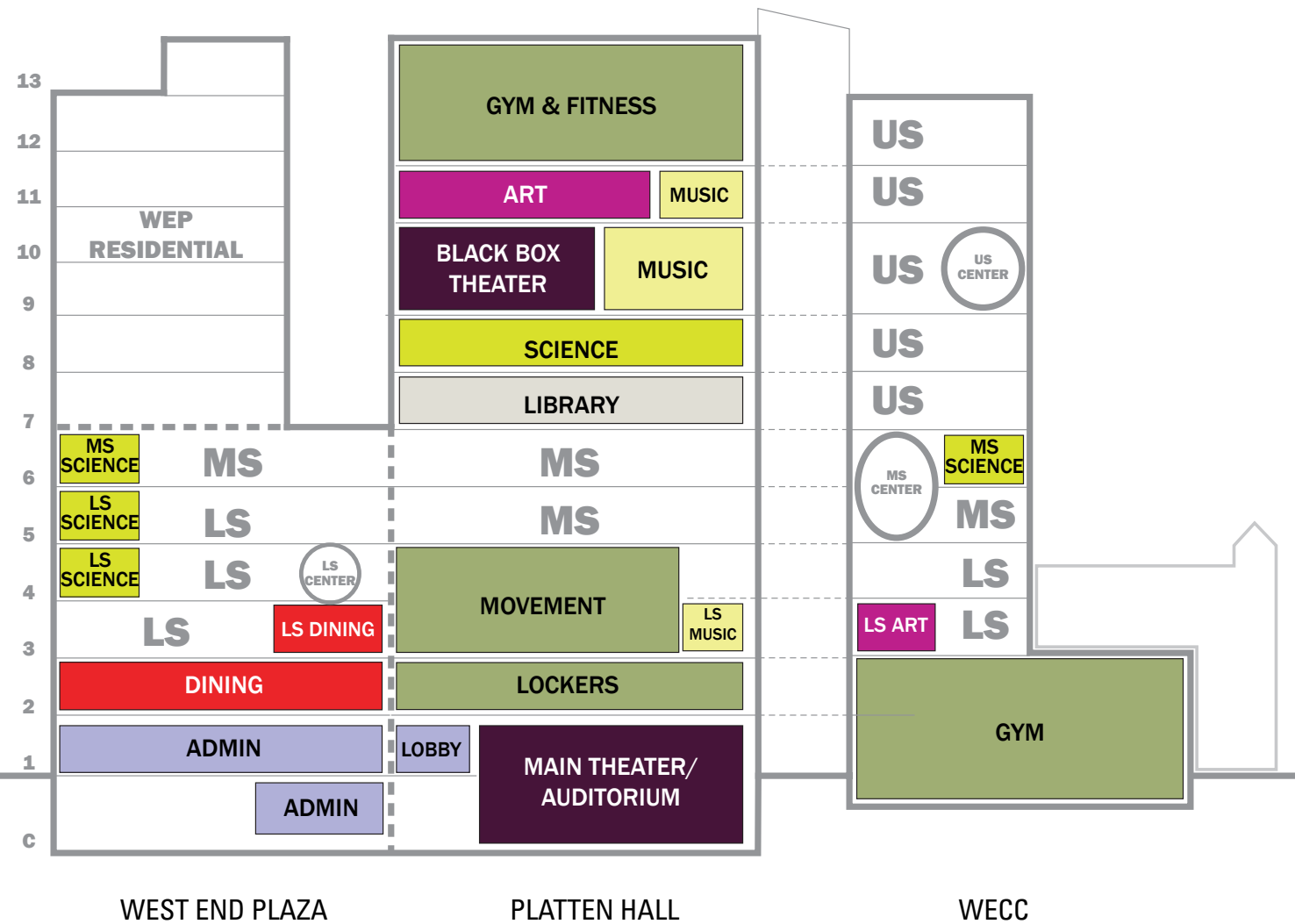
Provide full-size regulation gym at grade by negotiating with WECC. Results in WECC development of residential units in top floors of WEP and new school tower on top of the gym.

## BASIC STATISTICS

Height:	13 stories (above grade)
Gross Area:	166,500 gsf
Net Program Area:	103,300 nsf (91% of proposed)
Grossing Factor:	1.60
Zoning Area (FAR):	?? sf (max FAR allowed)

## FEATURES AND BENEFITS

- Least expensive scheme by avoiding construction on Bookend site
- LS and MS are each contained on two levels to create "horizontal" communities
- Library is relocated to allow for updated facilities
- US Science is relocated to allow for updated facilities
- Outdoor play deck provided on level 14
- Outdoor courtyard is maintained



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