

**HASTINGS-ON-HUDSON UNION FREE SCHOOL DISTRICT
FARRAGUT COMPLEX MASTER PLAN REPORT**

**PROGRAMMING PHASE
FACILITIES COMMITTEE PRESENTATION
5.8.24**

SITE DOCUMENTATION

EXISTING FLOOR PLANS 5

PROGRAMMING

PROGRAM ANALYSIS SUMMARY 11
PROGRAM ANALYSIS PLANS 12
EXISTING USES & PROGRAM SUMMARY 31

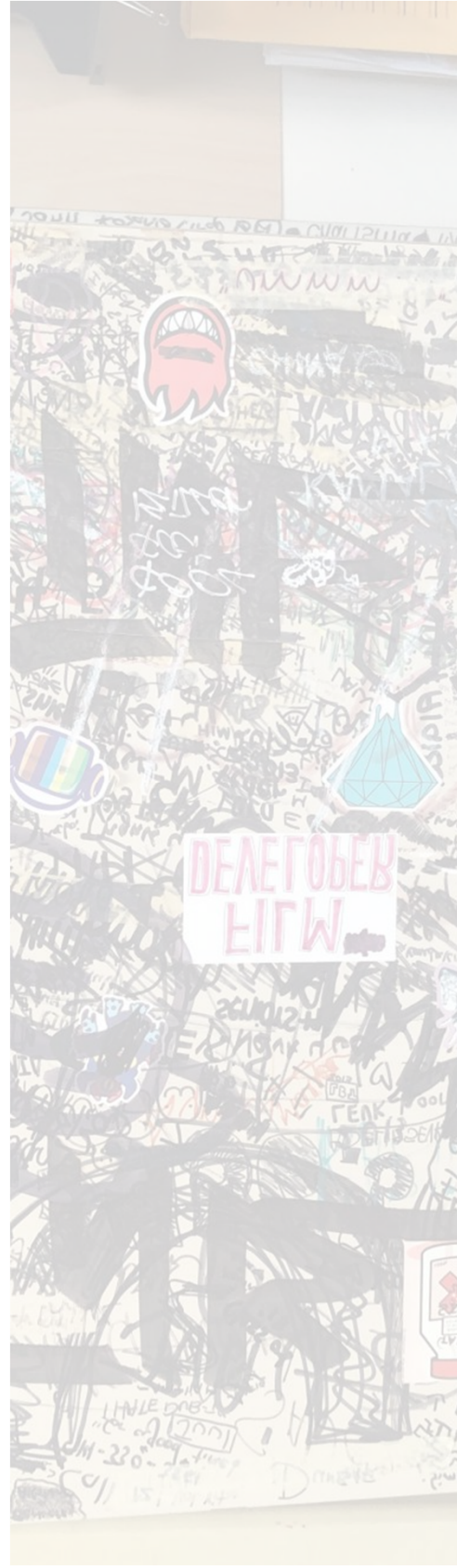
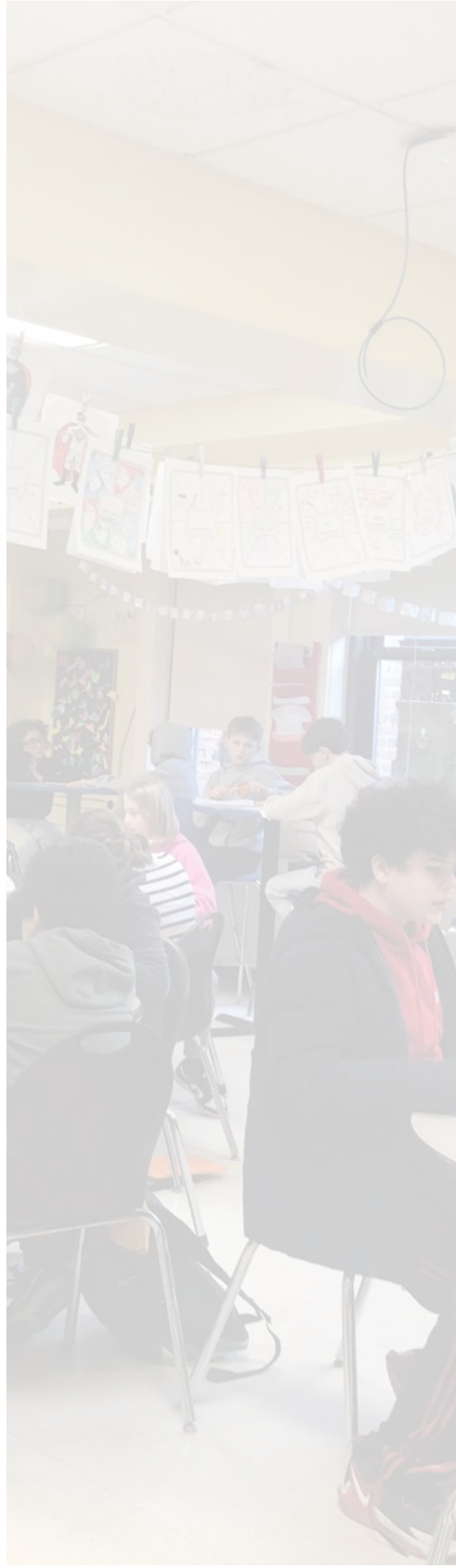
APPENDIX

PROGRAM ANALYSIS SUMMARY 39
EXISTING USES & PROGRAM SUMMARY 46
SURVEY AND HISTORICAL ELEVATIONS 51
MEETING MINUTES 54



SITE DOCUMENTATION

HOH UFSD FARRAGUT MASTER PLAN





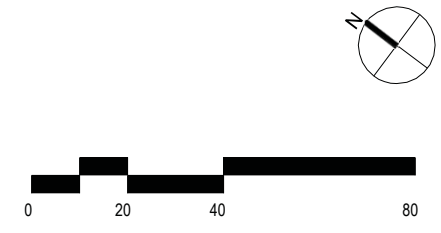
AERIAL PHOTO OF FARRAGUT COMPLEX



EXISTING BASEMENT PLAN

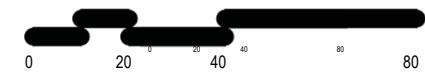
Department Legend

- ADMINISTRATIVE OFFICES
- ATHLETICS
- COMPUTER/ROBOTICS
- COUNSELING
- ENGLISH
- FACILITIES
- LANGUAGE
- MATH
- MUSIC
- SCIENCE
- SOCIAL STUDIES
- SPECIAL EDUCATION
- SPECIALTY CLASSROOMS
- THEATER



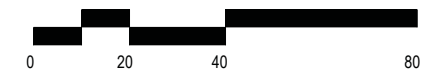
EXISTING FIRST FLOOR PLAN

- Department Legend**
- ADMINISTRATIVE OFFICES
 - ART
 - COUNSELING
 - FACILITIES
 - FIFTH GRADE
 - SOCIAL STUDIES
 - SPECIAL EDUCATION
 - SPECIALTY CLASSROOMS
 - STUDENT COMMON



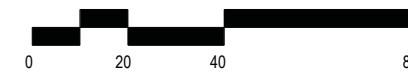
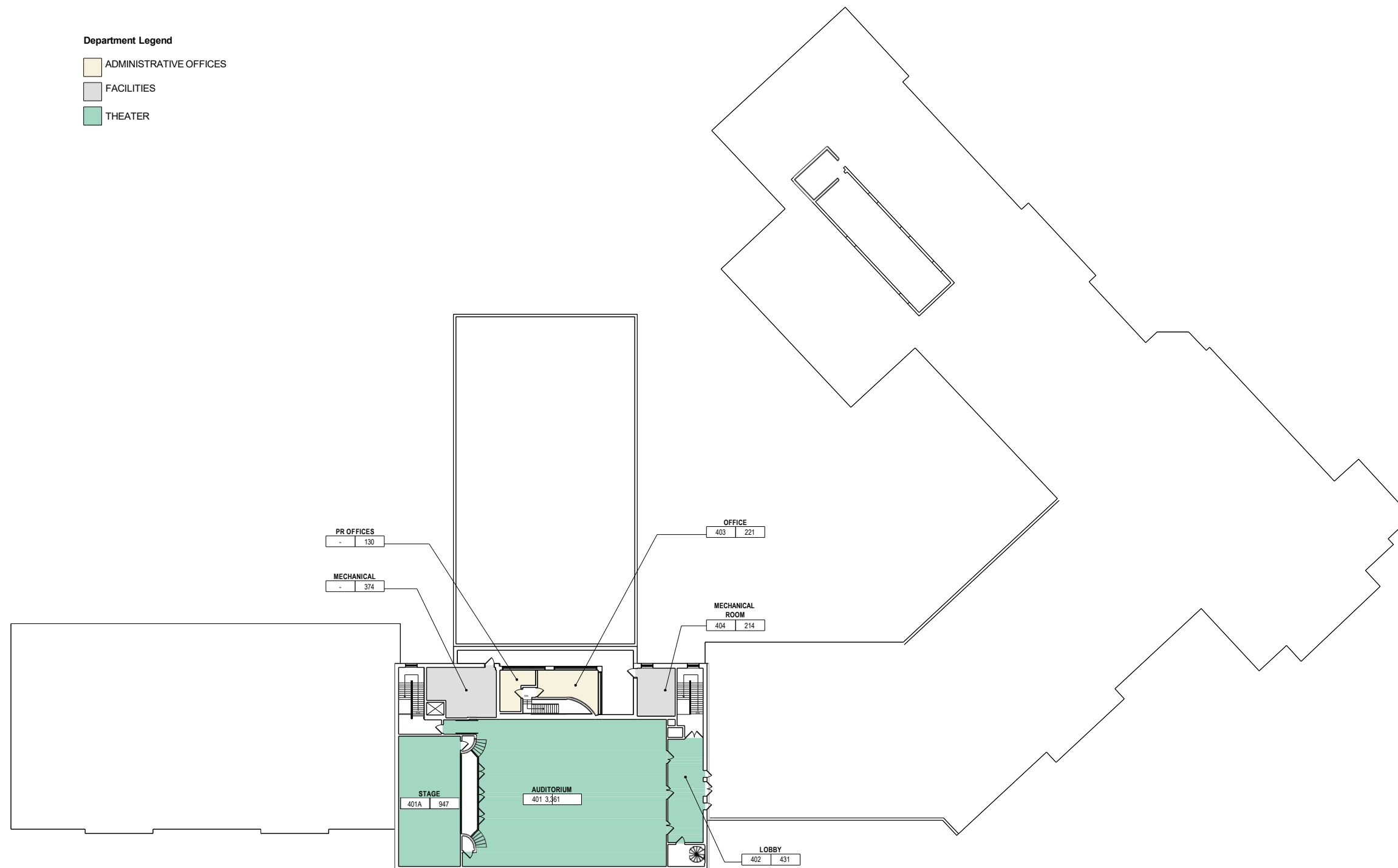
EXISTING SECOND FLOOR PLAN

- Department Legend**
- ADMINISTRATIVE OFFICES
 - COMPUTER/ROBOTICS
 - COUNSELING
 - ENGLISH
 - FACILITIES
 - MATH
 - SCIENCE
 - SPECIAL EDUCATION
 - STUDENT COMMON



EXISTING THIRD FLOOR PLAN

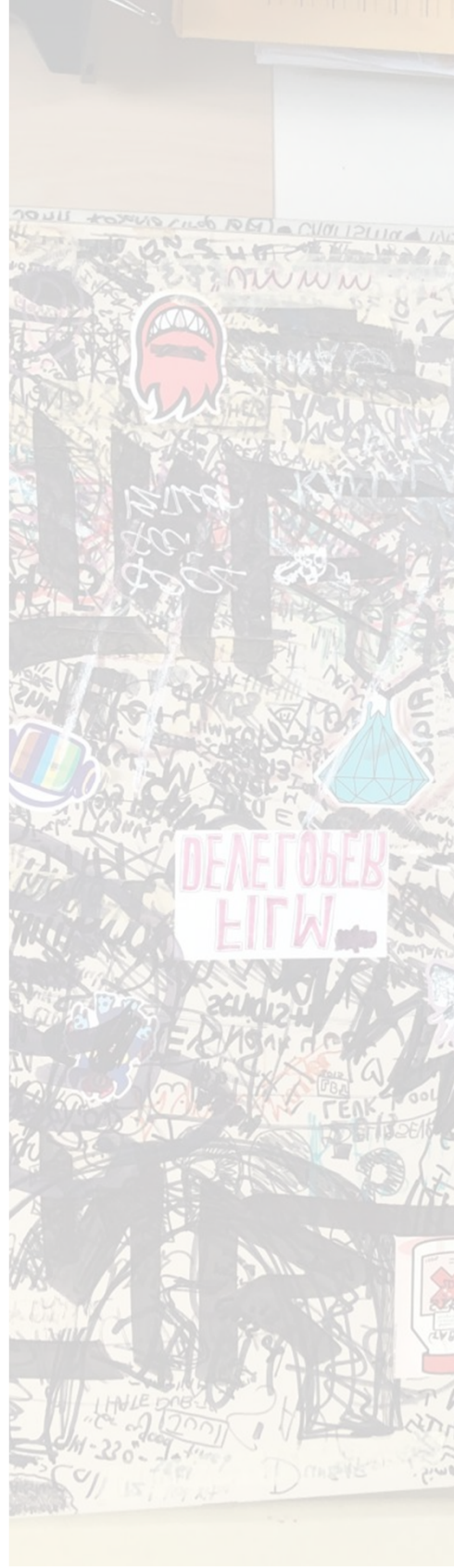
- Department Legend**
- ADMINISTRATIVE OFFICES
 - FACILITIES
 - THEATER



EXISTING FOURTH FLOOR PLAN

PROGRAMMING

H0H UFSD FARRAGUT MASTER PLAN



PROGRAM ANALYSIS SUMMARY

PBDW was retained by Hastings-on-Hudson Union Free School District to conduct the Programming for Farragut Middle School and Hastings High School.

PBDW prepared a list of questions to help facilitate programming discussions with HOH UFSD administration and faculty in HHS and FMS as included in the appendix. A series of meetings were also conducted with the school's maintenance and operations team as well as a select student group. Several common themes emerged from the various conversations.

General:

- Overall the appearance of the Farragut Complex is dated. It does not reflect Hastings modern approach to pedagogy.
- Wayfinding in the building is confusing and creates bottlenecks.
- Farragut Middle School is extremely tight on space, occupying less than 30% of the building program floor area for 50% of the building users. Every classroom is programmed throughout the day and students often bump into each other in corridors.
- Classroom spaces are packed with students, prohibiting group work, flexible and collaborative learning environments: classrooms are designed to accommodate approx. 20 students and are sometimes scheduled with up to 28 students.
- More and more project based learning is happening without space to accommodate it.
- Flexibility of layout is important throughout the day and across grade levels. More flexible spaces are needed for various types of activities, including conference rooms, department meetings, student group study areas, individual student and teacher meeting spaces, and quiet testing areas.
- Informal spaces are needed as additional work areas for student study and collaboration and for after-class meetings with teachers as well as general student gathering space. There is too little "hang out space" that students eat lunch sitting on the floor.
- There are structural impediments to achieving goals of Portrait of a Hastings Learner with the existing organization of spaces and without flexible learning, meeting and work spaces.
- More transparency between spaces is desired. Much of the exciting work that the students are conducting is hidden behind solid walls. This results in limited interdisciplinary collaboration and spaces that feel confined.
- Classrooms are in need of modernization- more outlets, well designed smartboards and equitable access to electricity as the learning continues to develop with technology.
- The High School wing has inefficiencies on the lower floors, needing reorganization and intentional placement of program considering necessary adjacencies.
- The administrative offices are in the central core of the building which is the connection point between the middle school and high school and a heavily trafficked corridor up to the Cafeteria and can be reconfigured to accommodate shared program spaces: e.g. guidance or art suites.

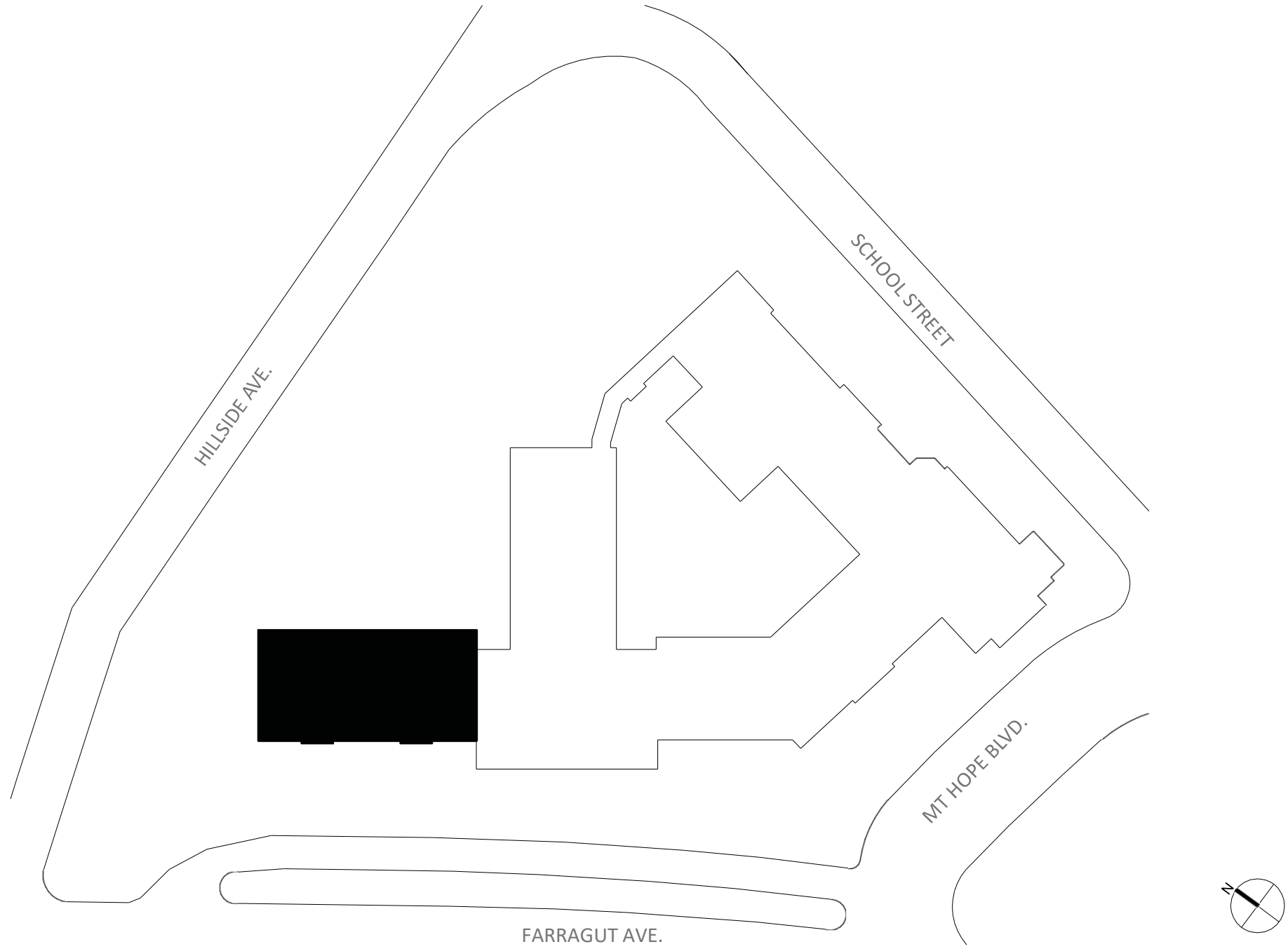


HHS ENTRANCE LOBBY



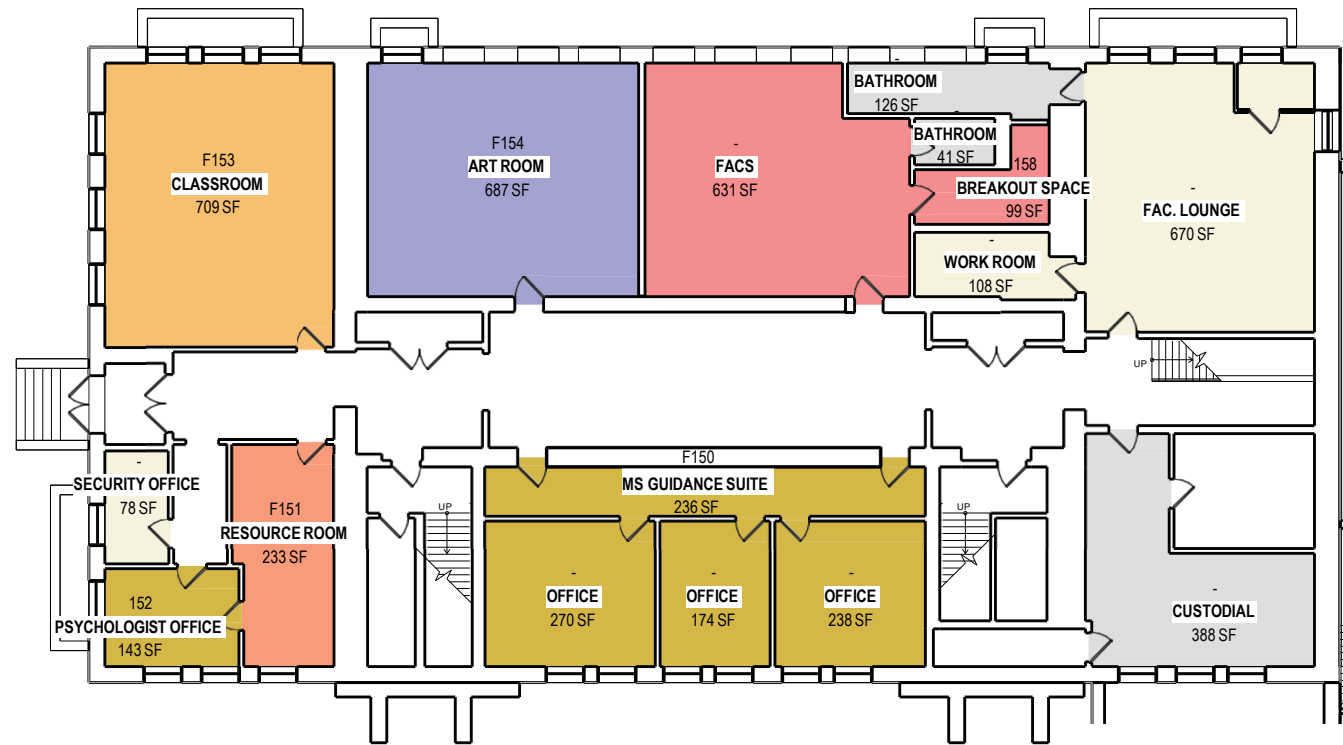
CAFETERIA

FARRAGUT WING



FMS FIRST FLOOR - FARRAGUT WING

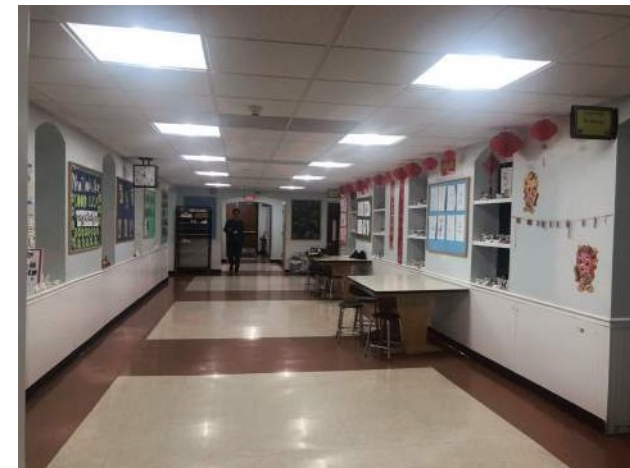
- Corridor serves as the main entrance for the Middle School
- Floor program is lacking cohesion
- Security man trap works well
- Counseling and Psychologist office at ground floor is unwelcoming
- Art Room is separate from the rest of the school
- FACS room cooking equipment is underutilized
- Faculty Lounge is dull
- No Accessible access to floor from inside the building



CORRIDOR



ART ROOM



CORRIDOR



FACS ROOM



FACULTY LOUNGE



RESOURCE ROOM

FMS SECOND FLOOR - FARRAGUT WING

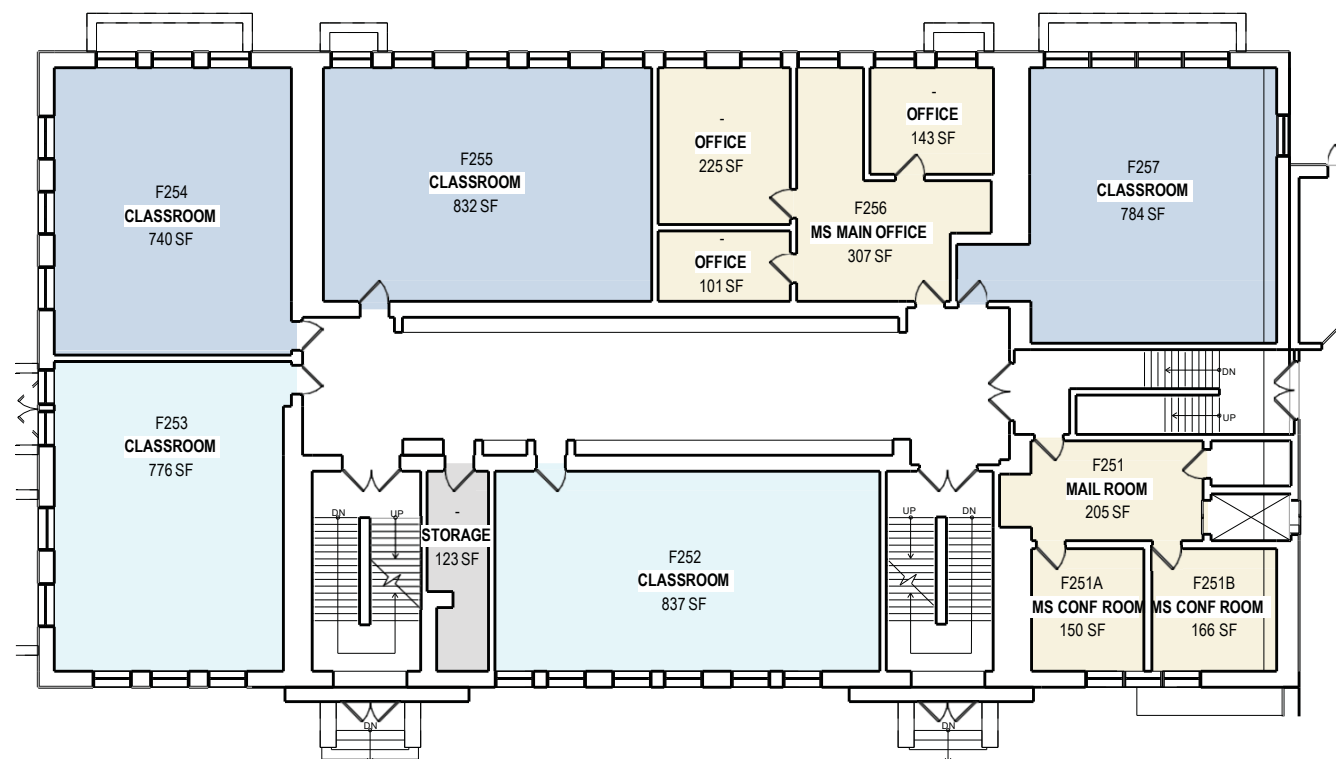
- MS Main Offices located on this floor, separate from the MS main entrance
- Conference Rooms are small and unevenful
- Main entrances not used due to lack of security/control
- Generously sized classrooms for the school, classroom sizes generally work well
- Elevator access is through the mailroom



CORRIDOR

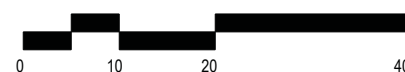


CLASSROOM F253



Department Legend

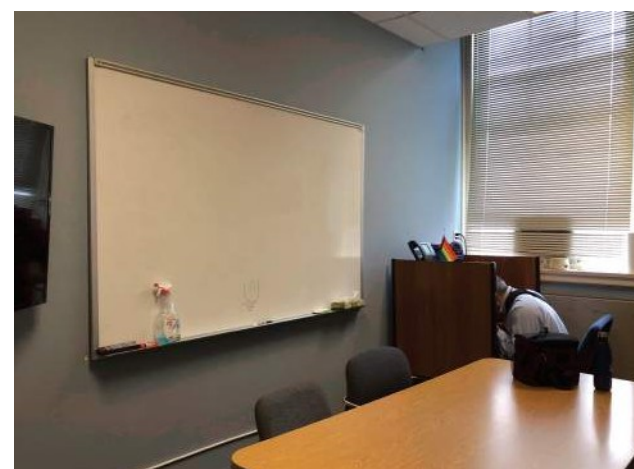
- ADMINISTRATIVE OFFICES
- ENGLISH
- FACILITIES
- SOCIAL STUDIES



MIDDLE SCHOOL LOBBY



CLASSROOM F257



CONFERENCE ROOM

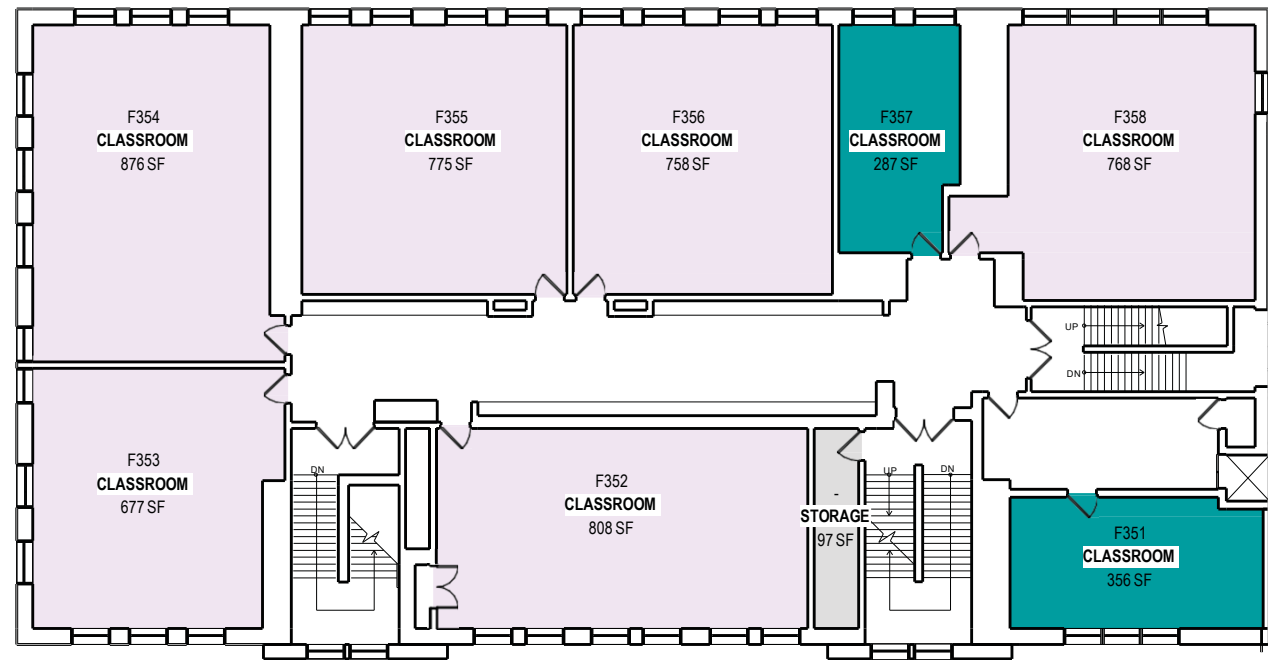


ENTRANCE TO CONFERENCE ROOMS

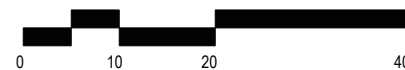
FARRAGUT MIDDLE SCHOOL SECOND FLOOR PROGRAM ANALYSIS PLAN

FMS THIRD FLOOR - FARRAGUT WING

- 5th Grade classrooms don't allow for flexibility
- **Not enough lockers to accommodate 5th grade on this floor**
- **There's no science area for 5th grade.** Storage is in the hallway.
- Special Education Classrooms aside from F351 are not adequate



Department Legend
 ■ FACILITIES
 ■ FIFTH GRADE
 ■ SPECIAL EDUCATION



CORRIDOR



CLASSROOM F355



SPECIAL ED F357



CLASSROOM F353

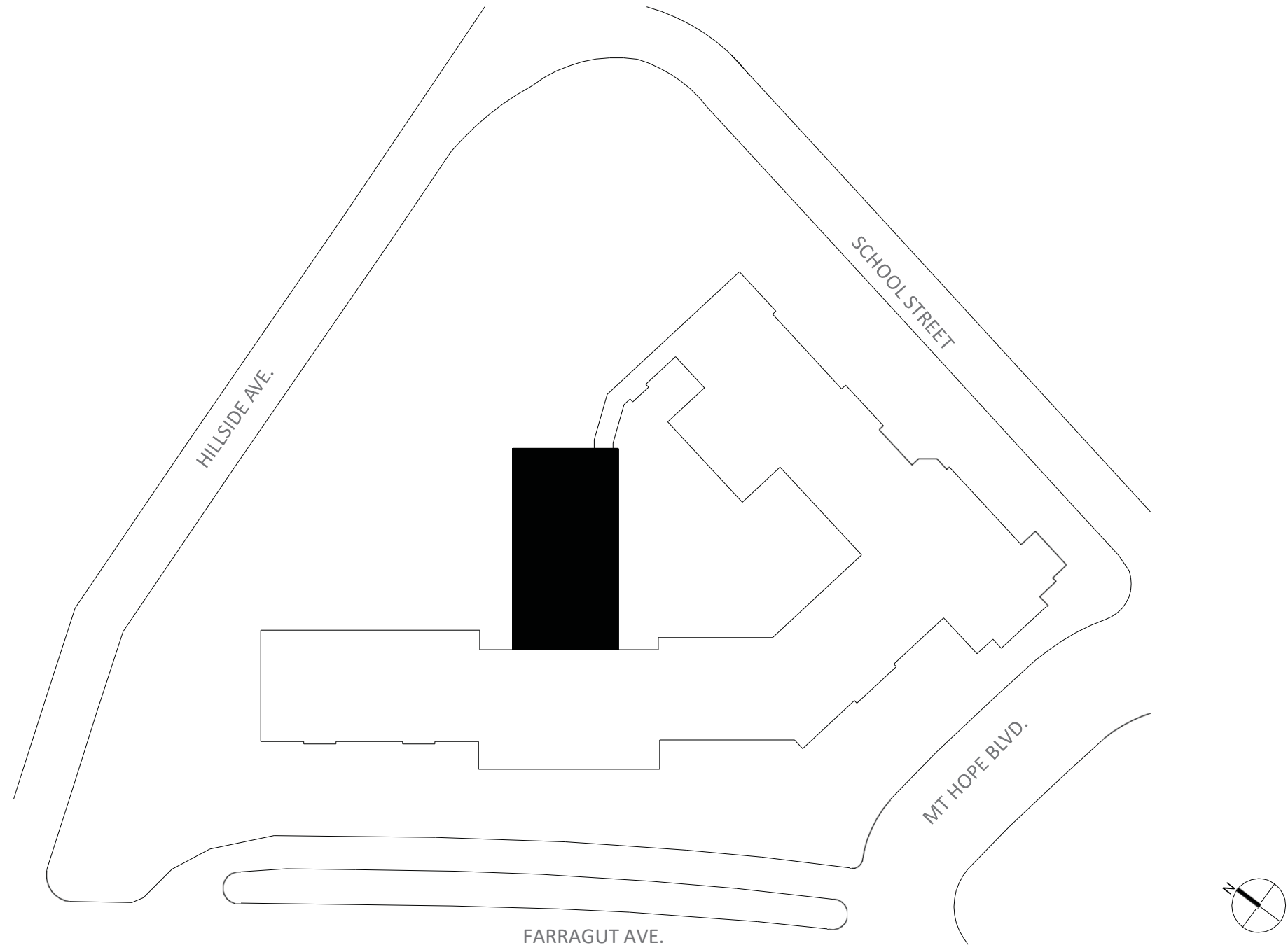


SPECIAL ED F351



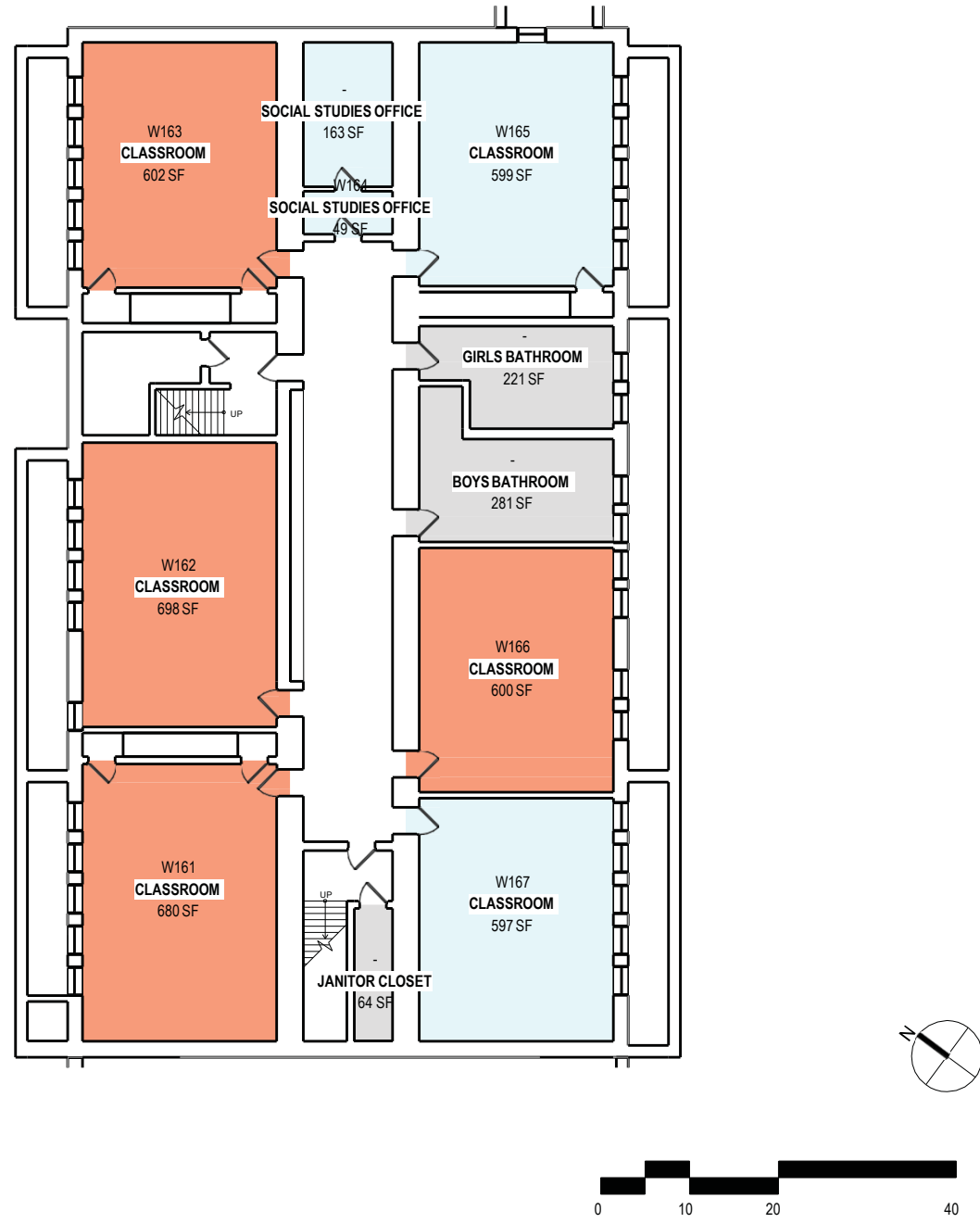
CLASSROOM F352

WASHINGTON WING



FMS FIRST FLOOR - WASHINGTON WING

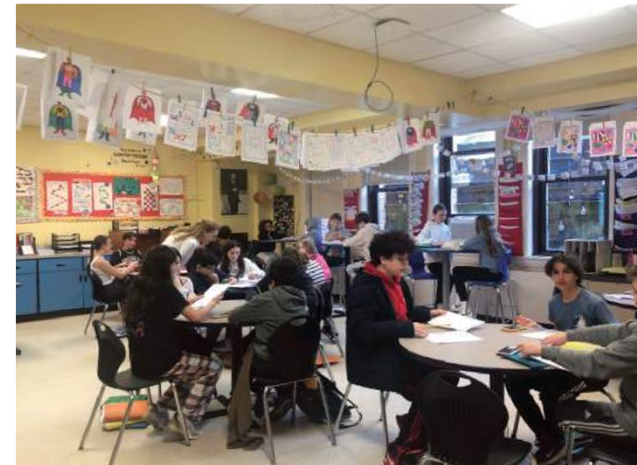
- Classrooms are too small for class sizes
- Small classrooms packed with up to 28 8th grade students (W161 Math)
- Student desks crammed in groups together (W167)
- **Corridor width is narrow**
- Office/Reading Literacy space at end of corridor is unwelcoming



CORRIDOR



SOCIAL STUDIES OFFICE/READING LIT ROOM



CLASSROOM W161



CLASSROOM W163



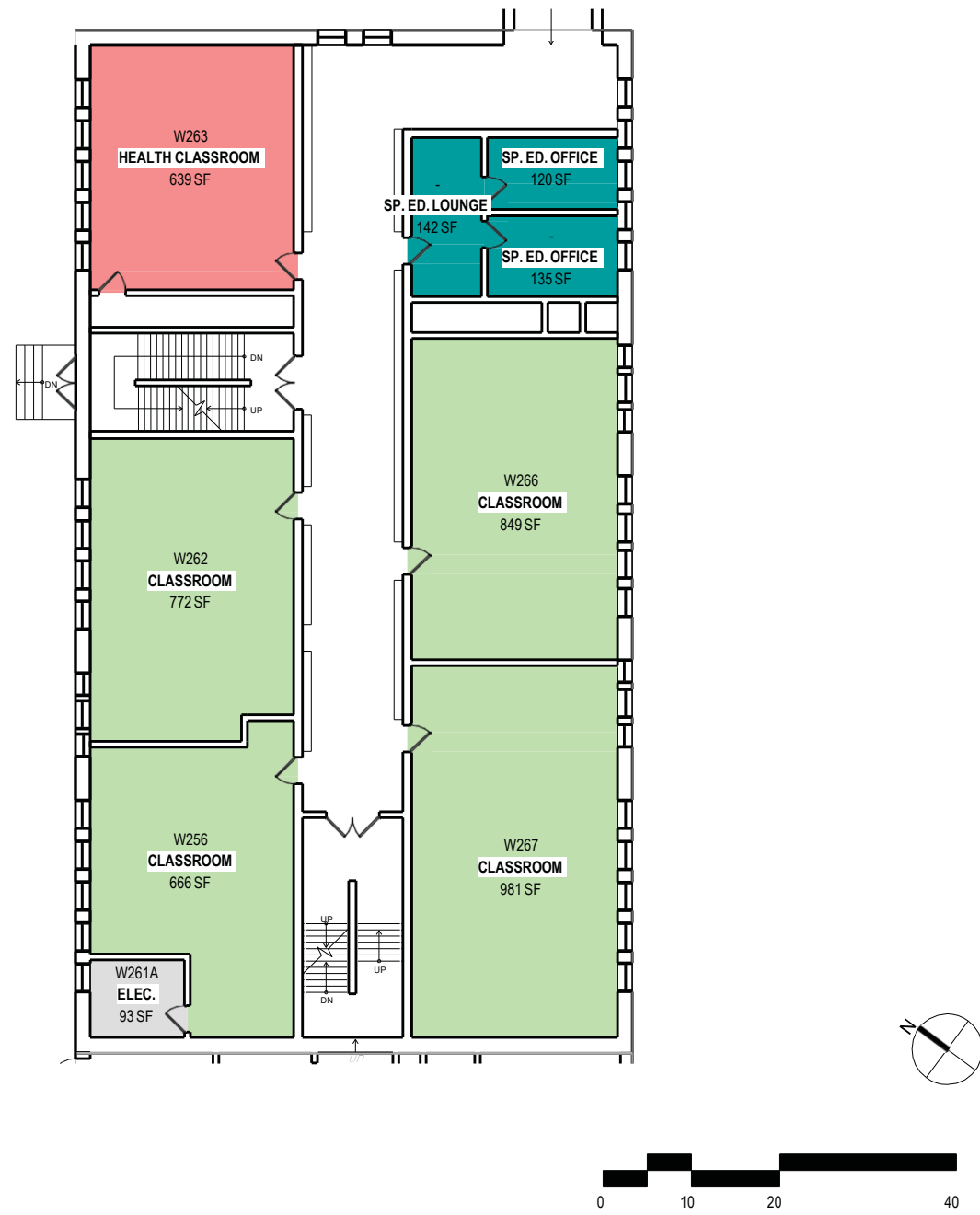
CLASSROOM W166



CLASSROOM W167

FMS SECOND FLOOR - WASHINGTON WING

- Narrow hallway with lockers both sides is hazardous
- Science classrooms are at capacity
- **Special Education office and lounge is in busiest intersection separate from their program.**
- Health classroom is isolated from similar programs
- Corridor to HHS first floor forms a disconnect to Middle School programs in High School wing



Department Legend

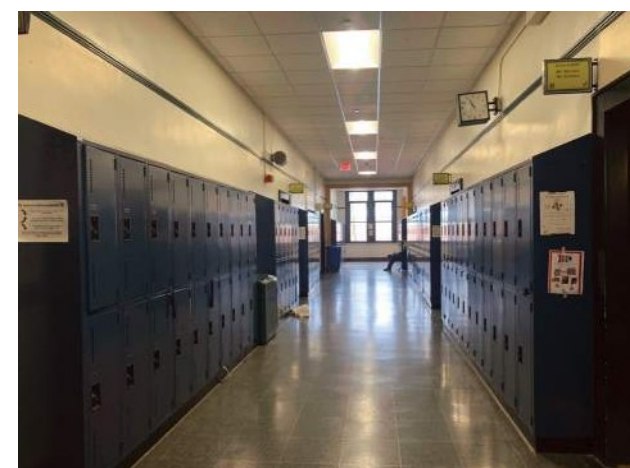
- FACILITIES (grey square)
- SCIENCE (green square)
- SPECIAL EDUCATION (teal square)
- SPECIALTY CLASSROOMS (pink square)



CORRIDOR



CLASSROOM W266



CORRIDOR



CLASSROOM W267



CLASSROOM W263

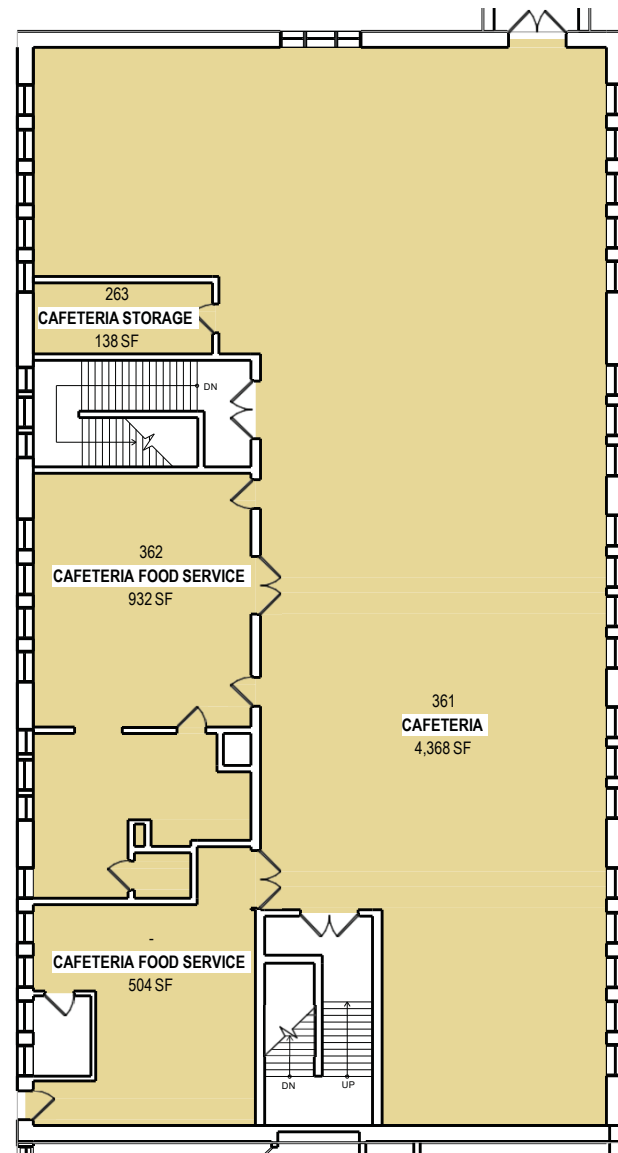


SPECIAL EDUCATION LOUNGE

FARRAGUT MIDDLE SCHOOL SECOND FLOOR PROGRAM ANALYSIS PLAN

FMS THIRD FLOOR - WASHINGTON WING

- Cafeteria on top floor of Washington Wing
- Connection to Middle School is from tightest corridor spaces
- High School students don't hang out in Cafeteria
- Cafeteria and Kitchen has light filled windows
- Finishes and lighting are in need of a refresh



Department Legend
 STUDENT COMMON



CAFETERIA



CAFETERIA NOOK



CAFETERIA FOOD SERVICE



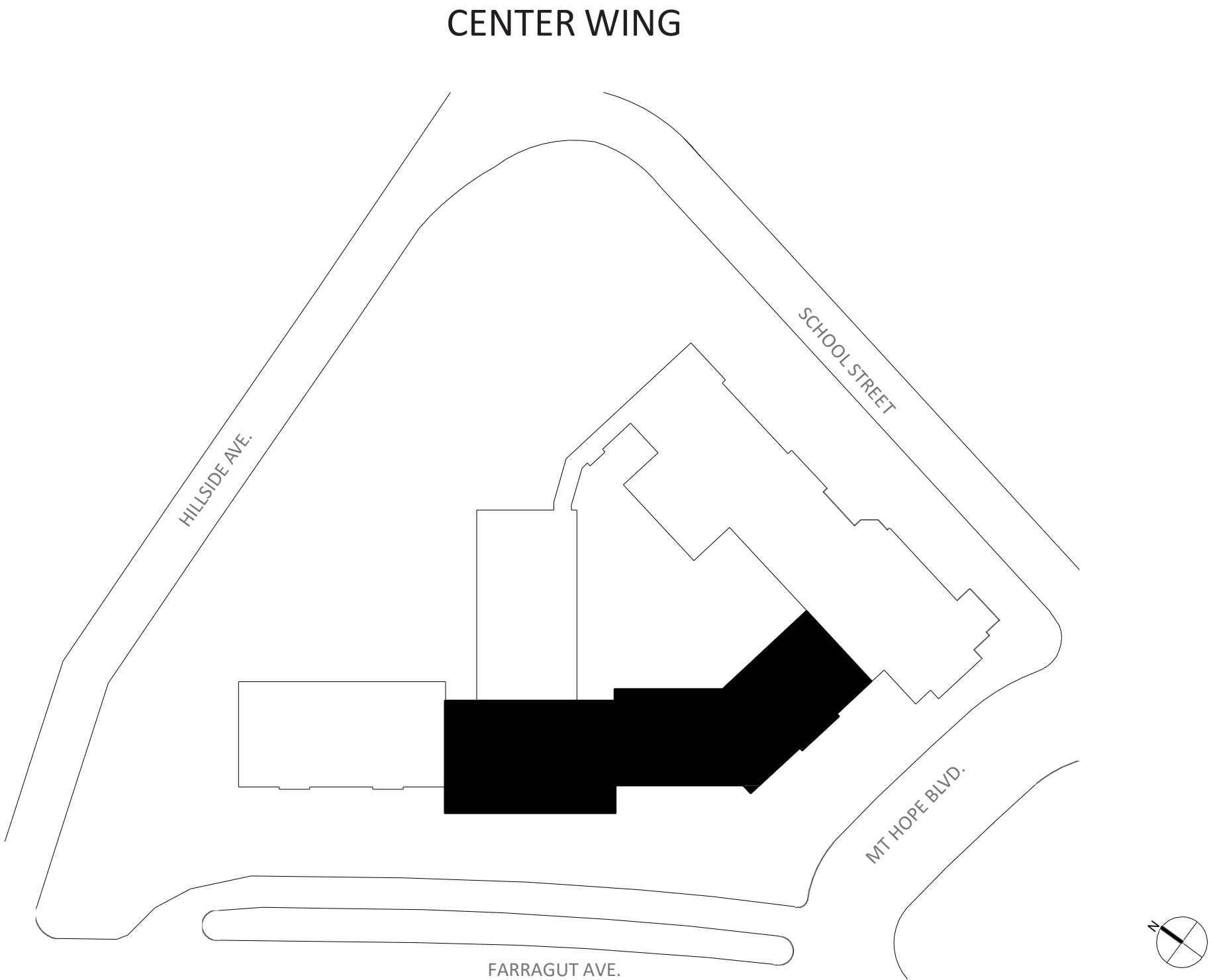
CAFETERIA NOOK



CAFETERIA FOOD SERVICE

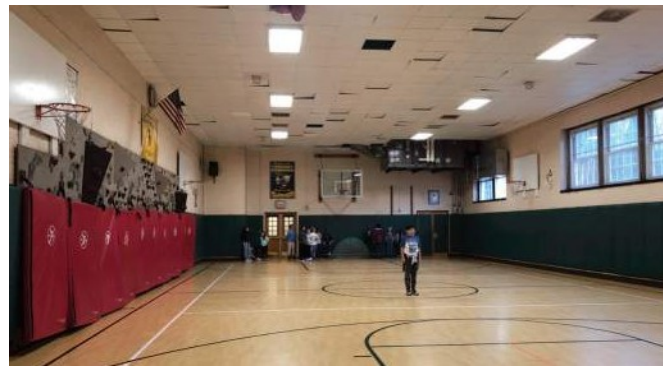
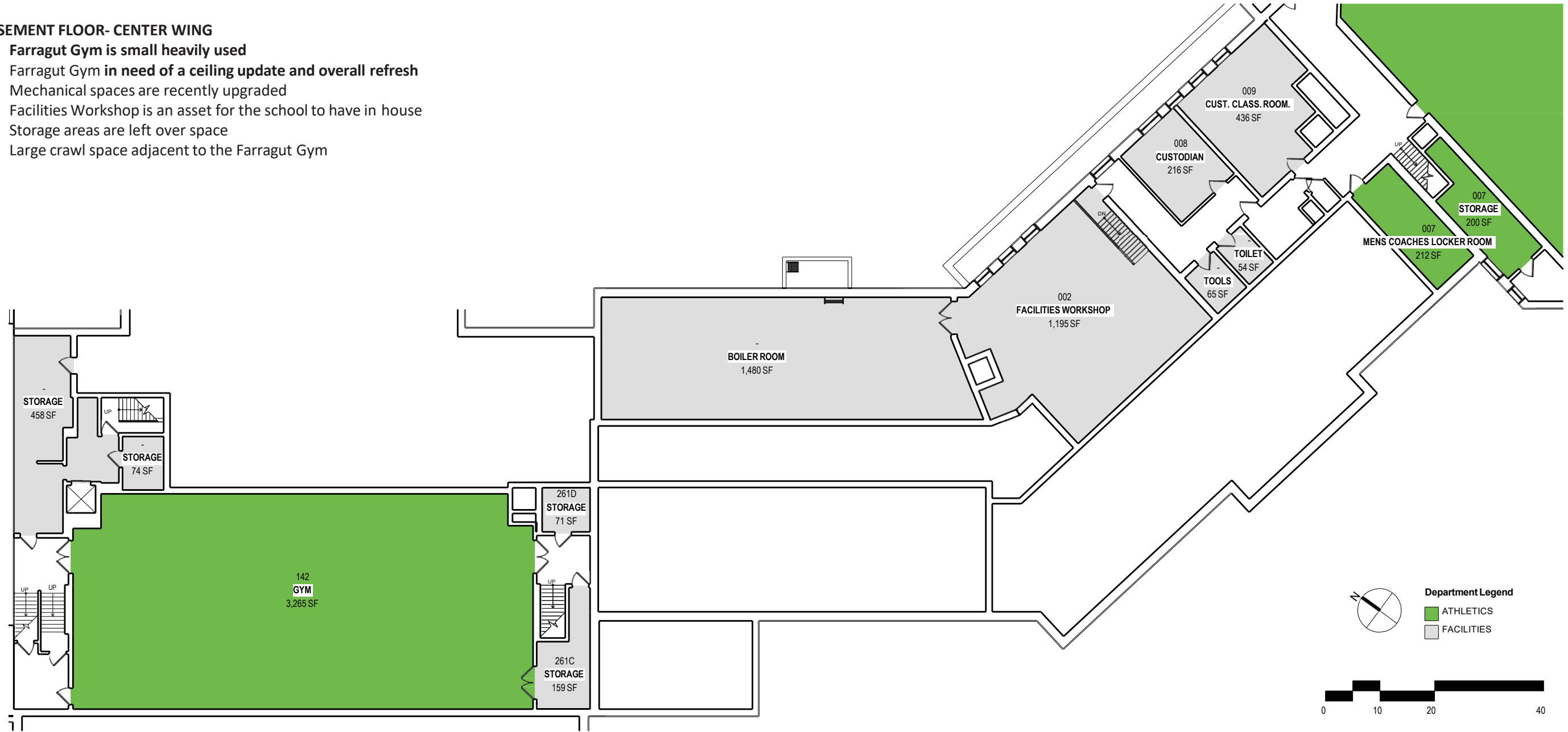


CAFETERIA FOOD SERVICE



BASEMENT FLOOR- CENTER WING

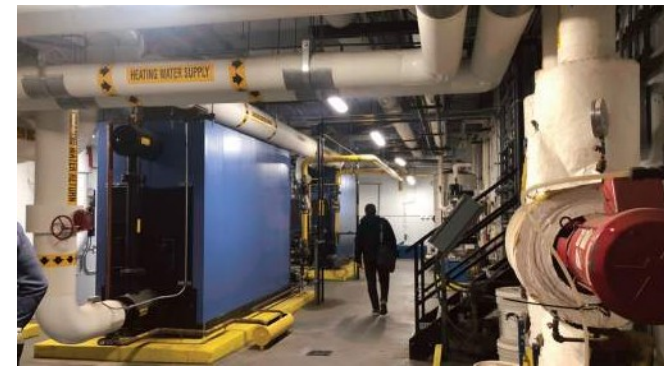
- Farragut Gym is small heavily used
- Farragut Gym in need of a ceiling update and overall refresh
- Mechanical spaces are recently upgraded
- Facilities Workshop is an asset for the school to have in house
- Storage areas are left over space
- Large crawl space adjacent to the Farragut Gym



FARRAGUT GYM



STEPS DOWN TO FARRAGUT GYM



BOILER ROOM

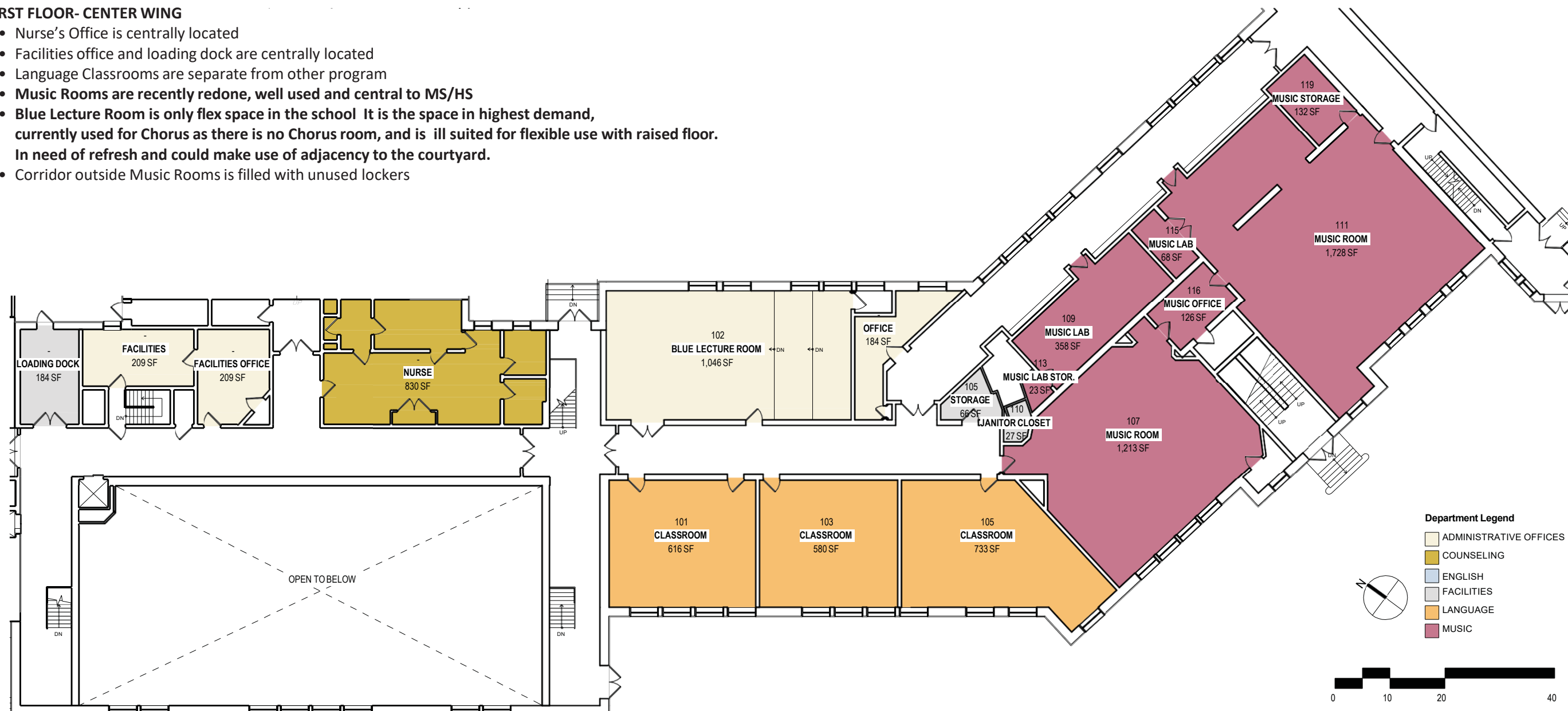


FACILITIES WORKSHOP

CENTER WING - BASEMENT PROGRAM ANALYSIS PLAN

FIRST FLOOR- CENTER WING

- Nurse's Office is centrally located
- Facilities office and loading dock are centrally located
- Language Classrooms are separate from other program
- **Music Rooms are recently redone, well used and central to MS/HS**
- **Blue Lecture Room is only flex space in the school It is the space in highest demand, currently used for Chorus as there is no Chorus room, and is ill suited for flexible use with raised floor. In need of refresh and could make use of adjacency to the courtyard.**
- Corridor outside Music Rooms is filled with unused lockers



Department Legend

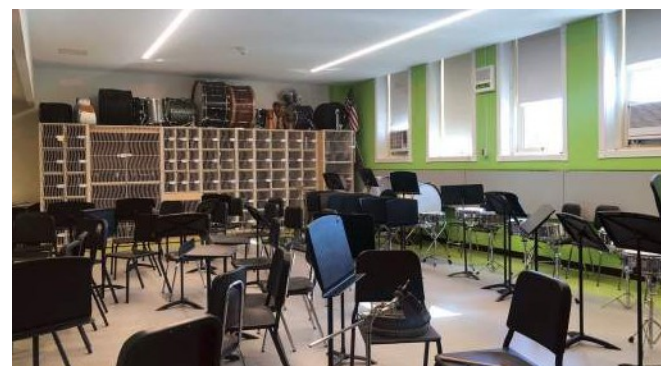
- ADMINISTRATIVE OFFICES
- COUNSELING
- ENGLISH
- FACILITIES
- LANGUAGE
- MUSIC



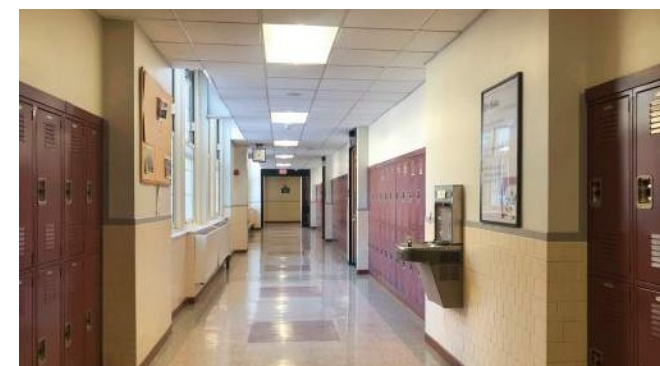
LANGUAGE CLASSROOM 105



BLUE LECTURE ROOM



MUSIC ROOMS

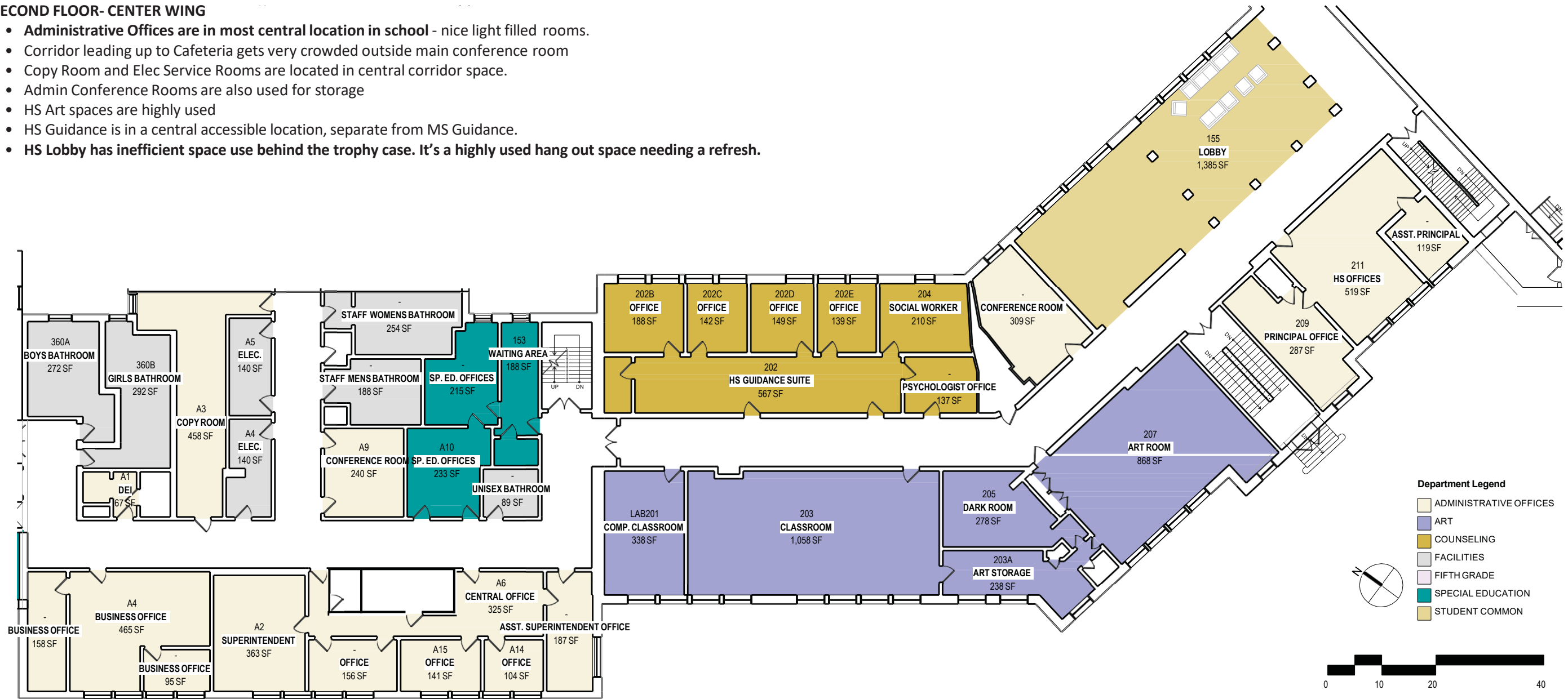


MUSIC CORRIDOR

CENTER WING - FIRST FLOOR PROGRAM ANALYSIS PLAN

SECOND FLOOR- CENTER WING

- **Administrative Offices** are in most central location in school - nice light filled rooms.
- Corridor leading up to Cafeteria gets very crowded outside main conference room
- Copy Room and Elec Service Rooms are located in central corridor space.
- Admin Conference Rooms are also used for storage
- HS Art spaces are highly used
- HS Guidance is in a central accessible location, separate from MS Guidance.
- **HS Lobby** has inefficient space use behind the trophy case. It's a highly used hang out space needing a refresh.



ADMIN OFFICES



GUIDANCE SUITE



LOBBY - TROPHY SECTION

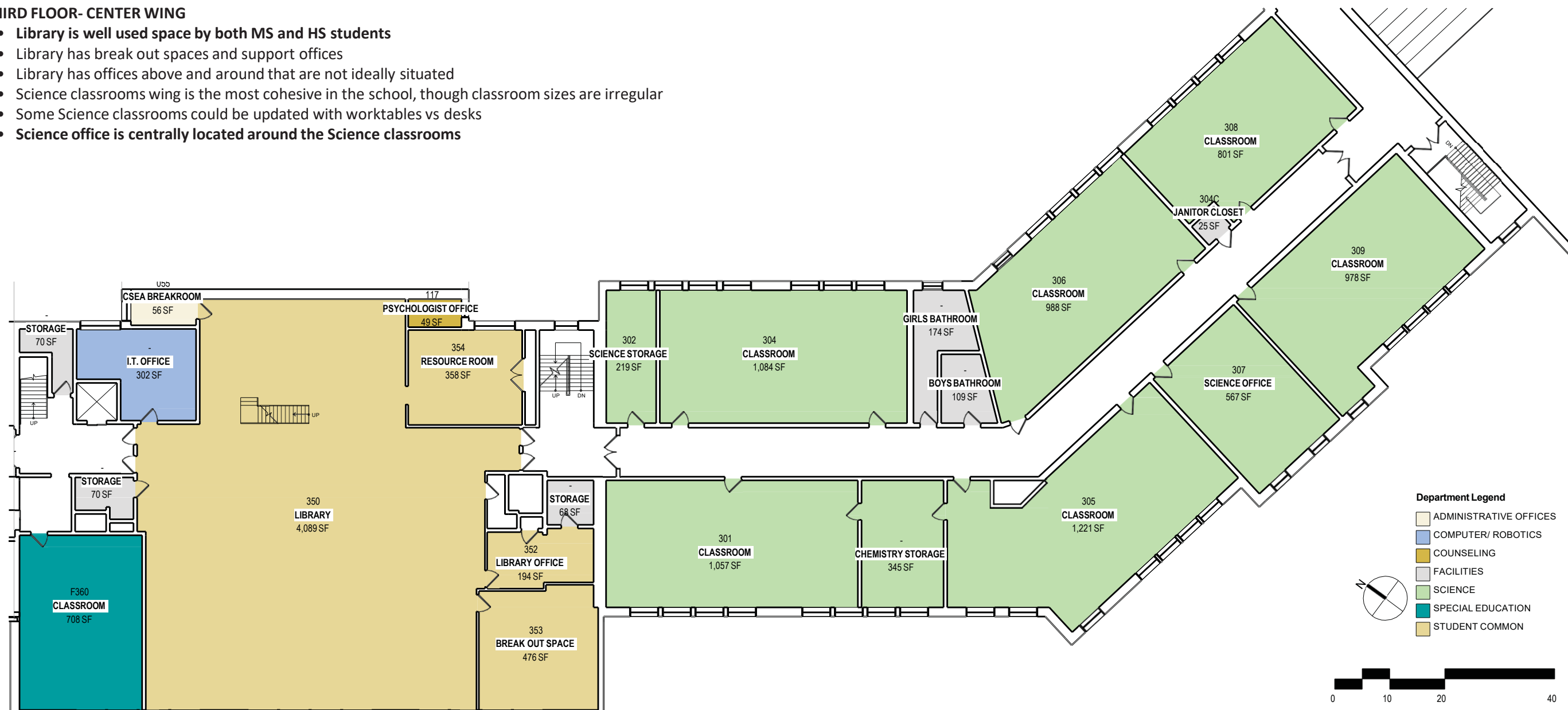


LOBBY - LOUNGE

CENTER WING- SECOND FLOOR PROGRAM ANALYSIS PLAN

THIRD FLOOR- CENTER WING

- Library is well used space by both MS and HS students
- Library has break out spaces and support offices
- Library has offices above and around that are not ideally situated
- Science classrooms wing is the most cohesive in the school, though classroom sizes are irregular
- Some Science classrooms could be updated with worktables vs desks
- Science office is centrally located around the Science classrooms



LIBRARY



LIBRARY BREAK OUT ROOMS



SCIENCE ROOM 301

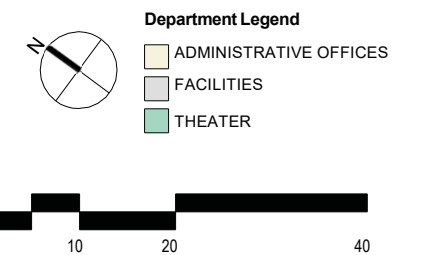
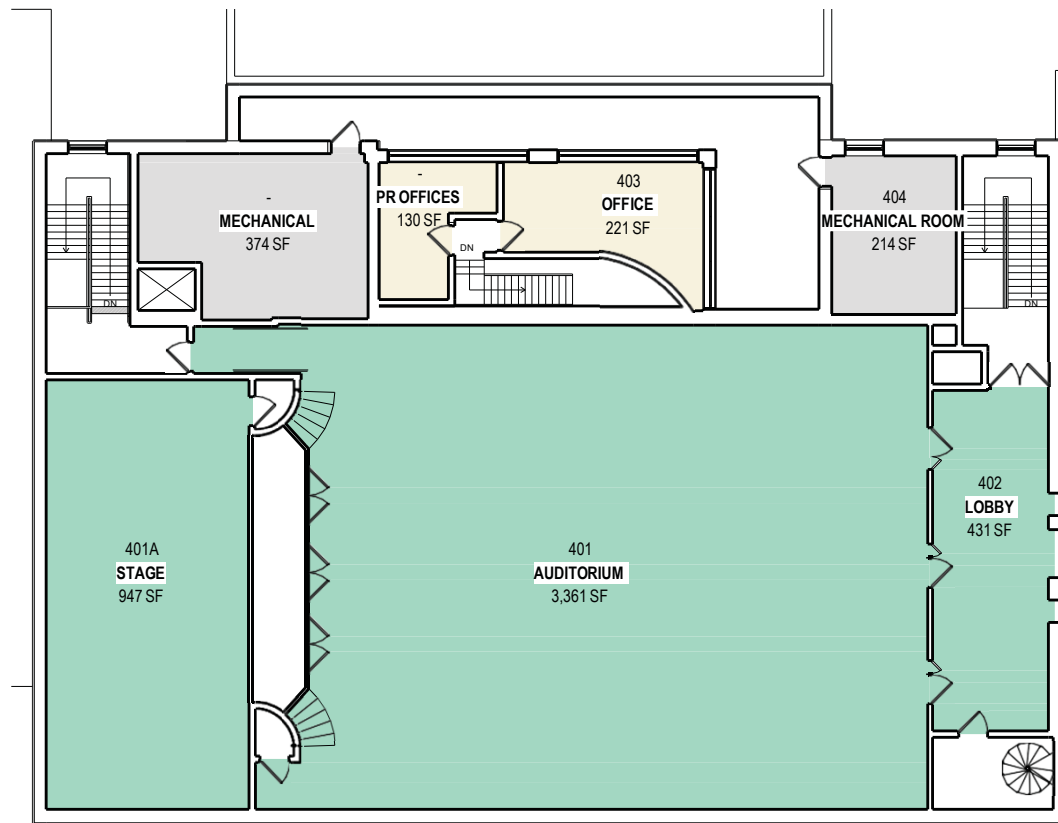


SCIENCE ROOM 304

CENTER WING - THIRD FLOOR PROGRAM ANALYSIS PLAN

FOURTH FLOOR- CENTER WING

- Middle School Auditorium underutilized
- Wing Space needed for plays
- Need for flexible size space
- Library Offices



MIDDLE SCHOOL AUDITORIUM



MIDDLE SCHOOL AUDITORIUM



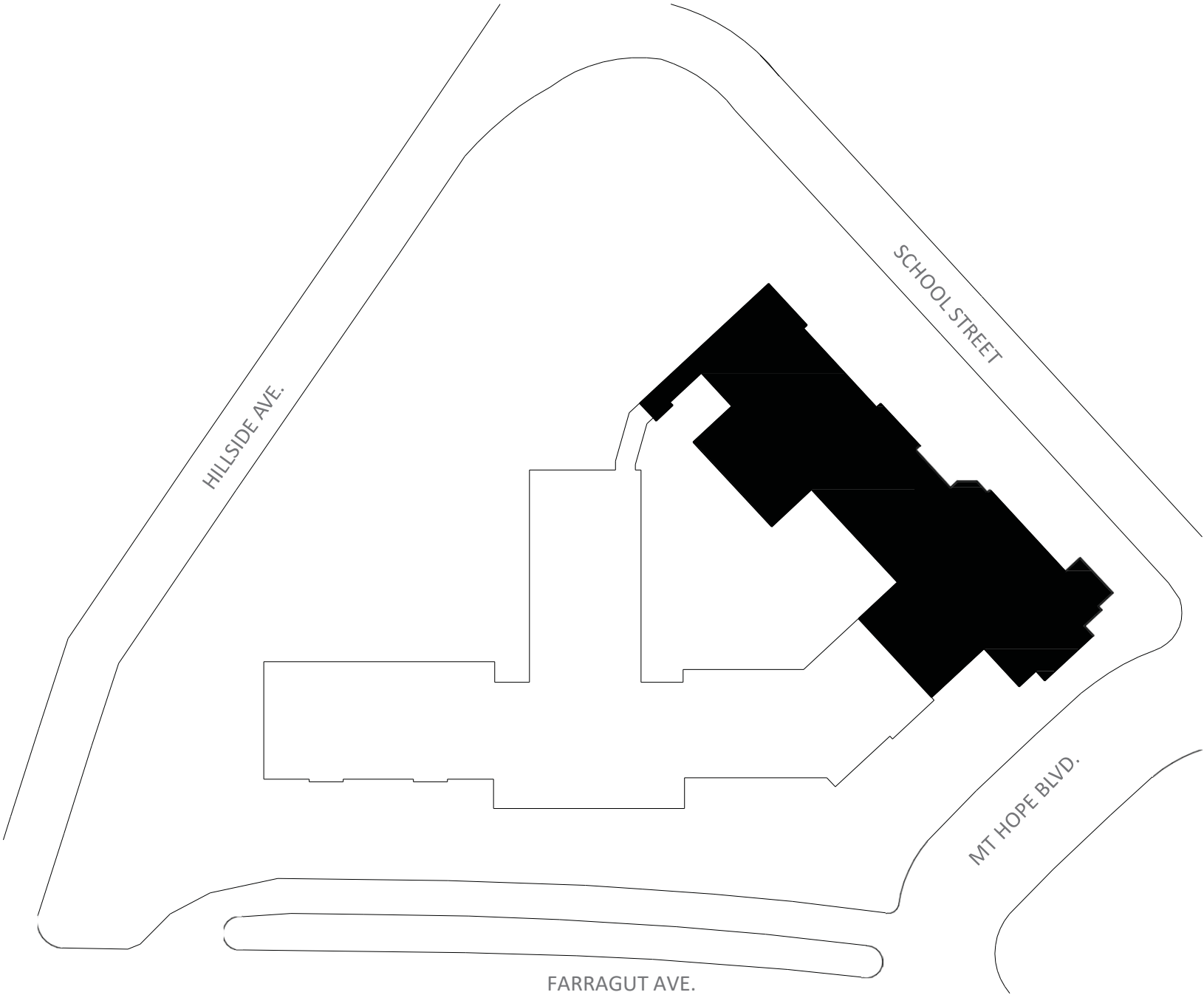
PR OFFICE



MUSIC OFFICE

CENTER WING - FOURTH FLOOR PROGRAM ANALYSIS PLAN

HIGH SCHOOL

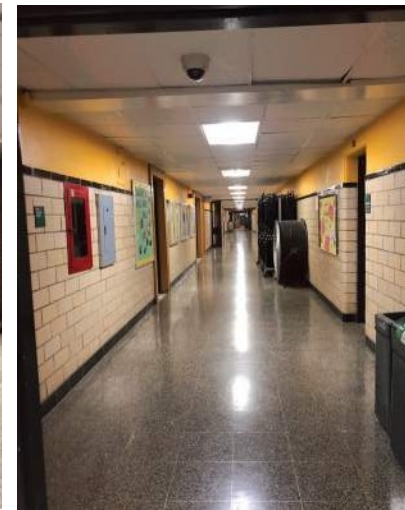


HHS BASEMENT LEVEL

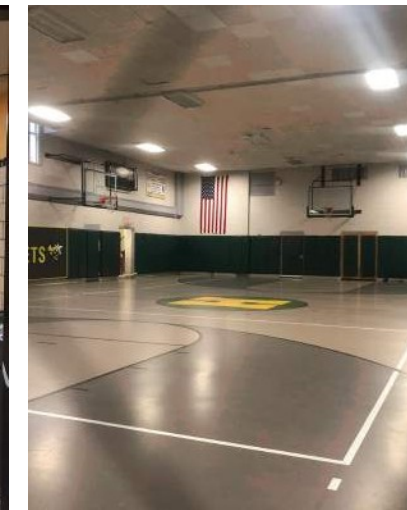
- MS locker rooms adjacent to Green Gym not used.
- Green Gym and Cochran Gym heavily used by MS, HS and after school.
- Health classroom is only classroom space at basement level.
- TV studio is underutilized and not related to adjacent program.
- Coach locker rooms are poorly situated.
- Locker Rooms have circuitous spaces that may be inefficient.



GYM LOBBY



ATHLETICS CORRIDOR



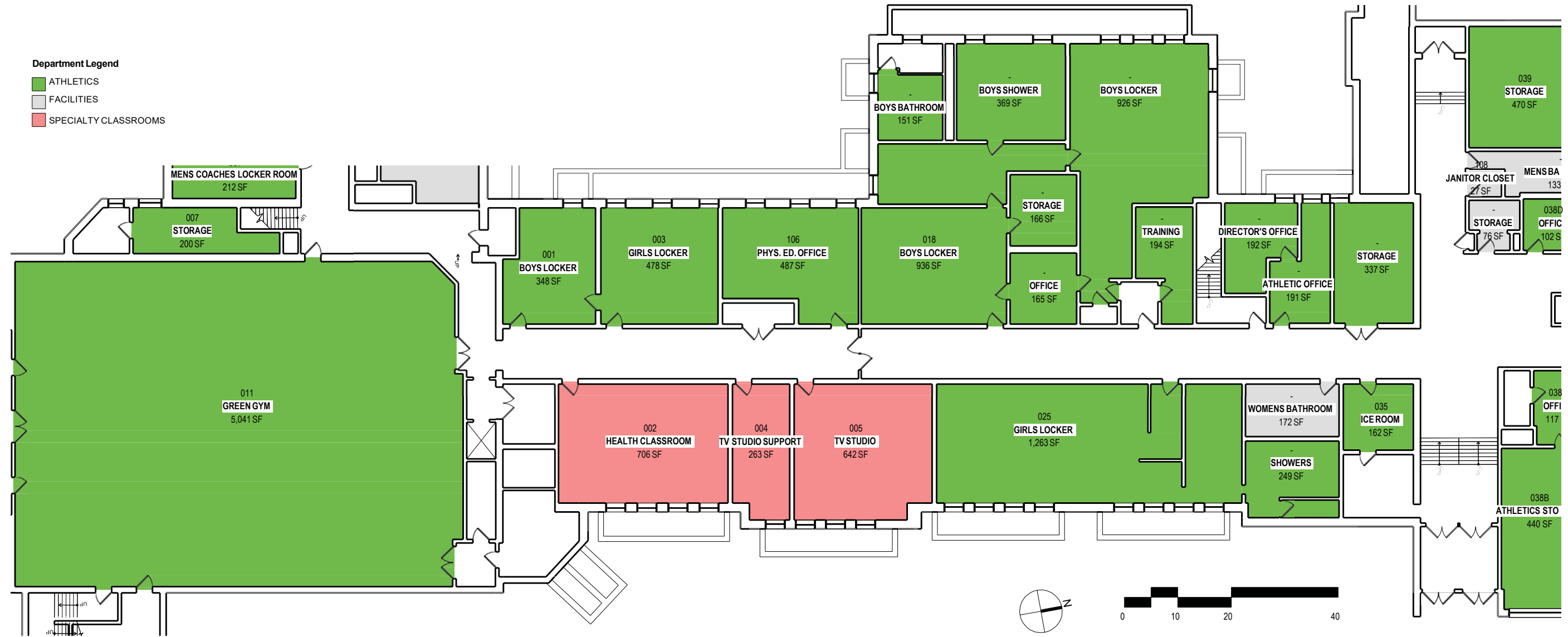
GREEN GYM



COCHRAN GYM

Department Legend

- ATHLETICS
- FACILITIES
- SPECIALTY CLASSROOMS



HASTINGS HIGH SCHOOL BASEMENT PROGRAM ANALYSIS PLAN

HHS FIRST FLOOR

- Classrooms on this corridor have no cohesive program.
- Math classroom is separated from all others.
- Language classrooms are spread out across the floor.
- **Computer lab/Makerspace is separated from regular circulation by long corridor and is underutilized and is located in one of the sunniest portions of the building.**
- **Special Education offices and classrooms are well sized.**
- Project Lead the Way classroom is also used for Chemistry Cooking providing flexibility to multiple programs.
- Fitness Center is heavily used and a loved space by the students.



FITNESS CENTER



DAILY LIVING SKILLS



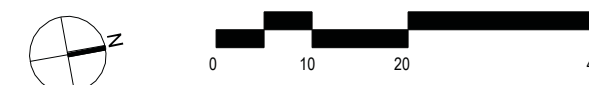
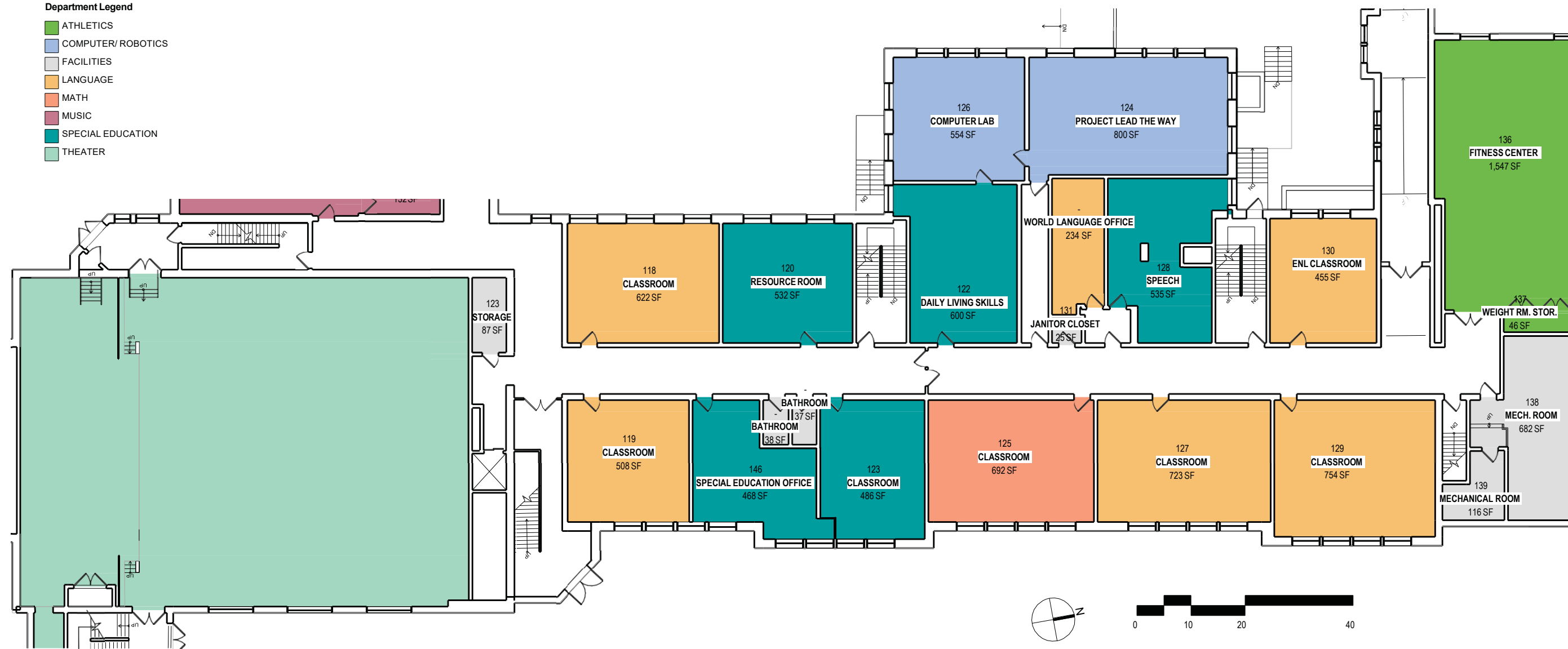
COMPUTER LAB



PROJECT LEAD THE WAY

Department Legend

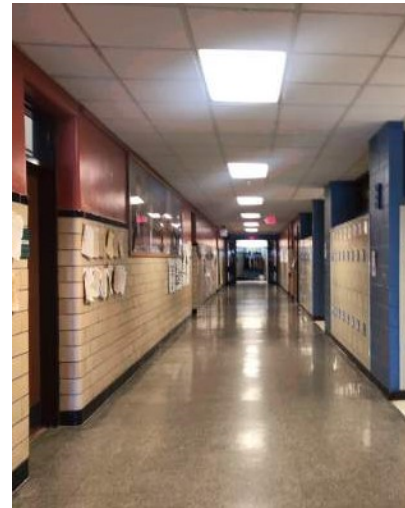
- ATHLETICS
- COMPUTER/ ROBOTICS
- FACILITIES
- LANGUAGE
- MATH
- MUSIC
- SPECIAL EDUCATION
- THEATER



HASTINGS HIGH SCHOOL FIRST FLOOR PROGRAM ANALYSIS PLAN

HHS SECOND FLOOR

- This is the main floor level of the High School.
- **Auditorium is a high used and well liked space for both MS and HS.**
- **Stage area could use reconfiguring to make better use of space.**
- Faculty Lounge is under utilized and not conducive to cross pollination/ interdisciplinary work.
- Social Studies has a cohesive feel across the corridor.
- Classroom sizes are small for flexible teaching styles.
- **Students hang out in the locker alcoves.**
- HASP classroom is well aligned with Social Studies.
- **Art office is sandwiched in between the alcoves away from the art classrooms.**



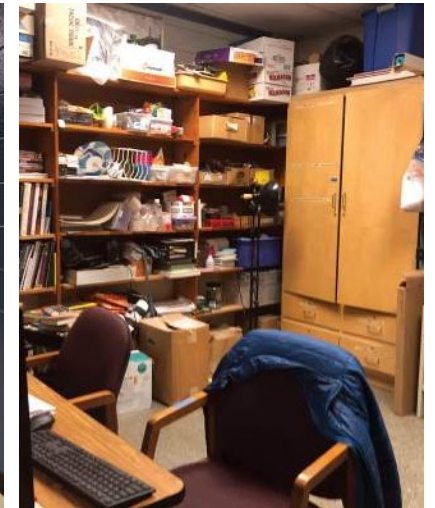
SOCIAL STUDIES CORRIDOR



SOCIAL STUDIES CLASSROOM

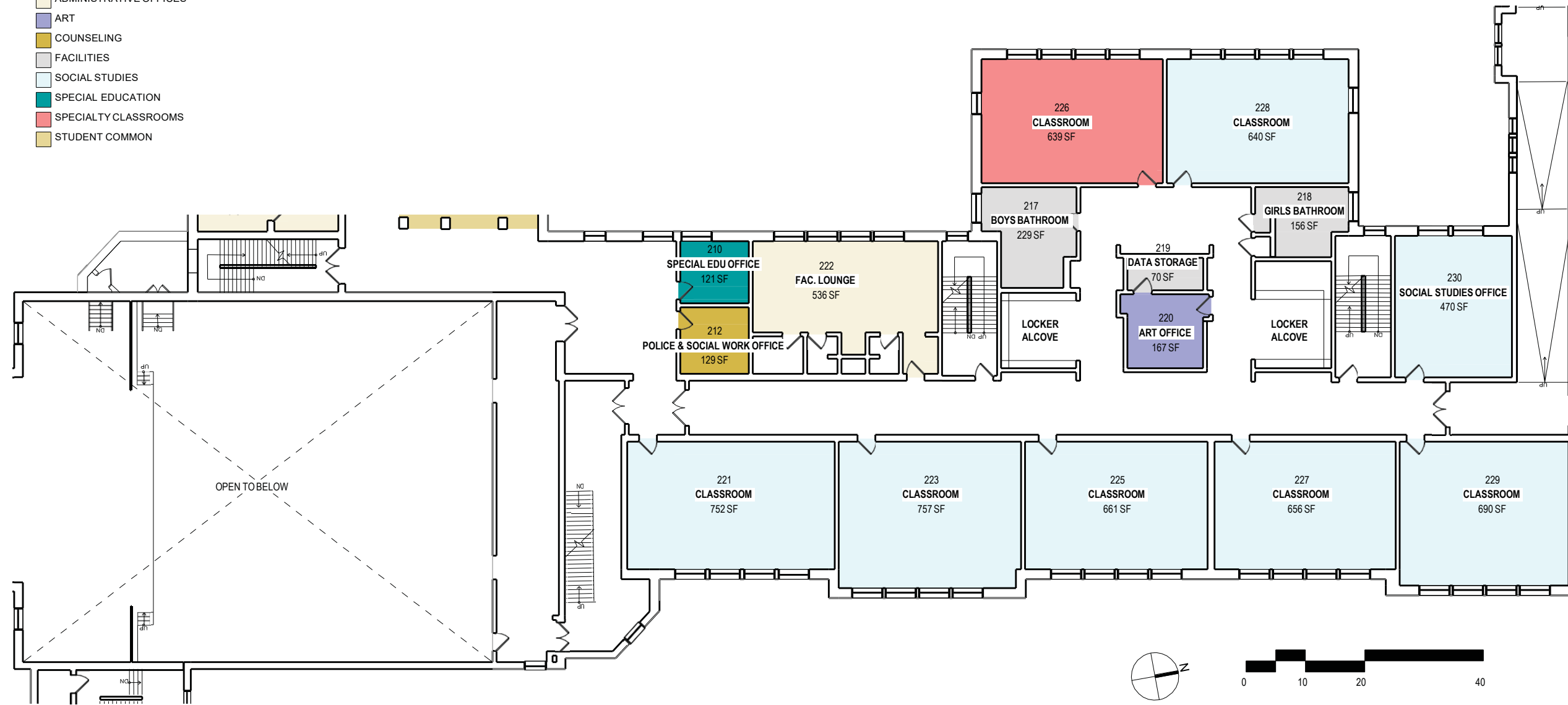


LOCKER ALCOVES



ART OFFICE

- Department Legend**
- ADMINISTRATIVE OFFICES
 - ART
 - COUNSELING
 - FACILITIES
 - SOCIAL STUDIES
 - SPECIAL EDUCATION
 - SPECIALTY CLASSROOMS
 - STUDENT COMMON



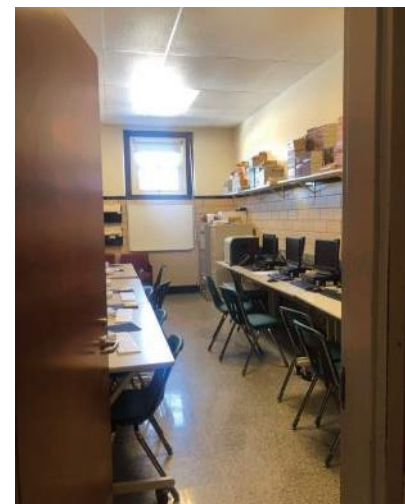
HASTINGS HIGH SCHOOL SECOND FLOOR PROGRAM ANALYSIS PLAN

HHS THIRD FLOOR

- **Similar layout to floor below. English and Math programs.**
- English classrooms are cohesive along the floor with English office as generous well used space.
- Math classrooms are slightly separated, with one on the first floor.
- Computer lab at end of hallway allows for flexible student work area.
- Bathrooms are well situated on the floor.
- Math literacy room is dull and confined in alcove core.
- School colors are not continuous throughout the floors, lacking a sense of intent.



ENGLISH CLASSROOM



COMPUTER LAB



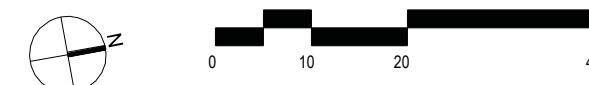
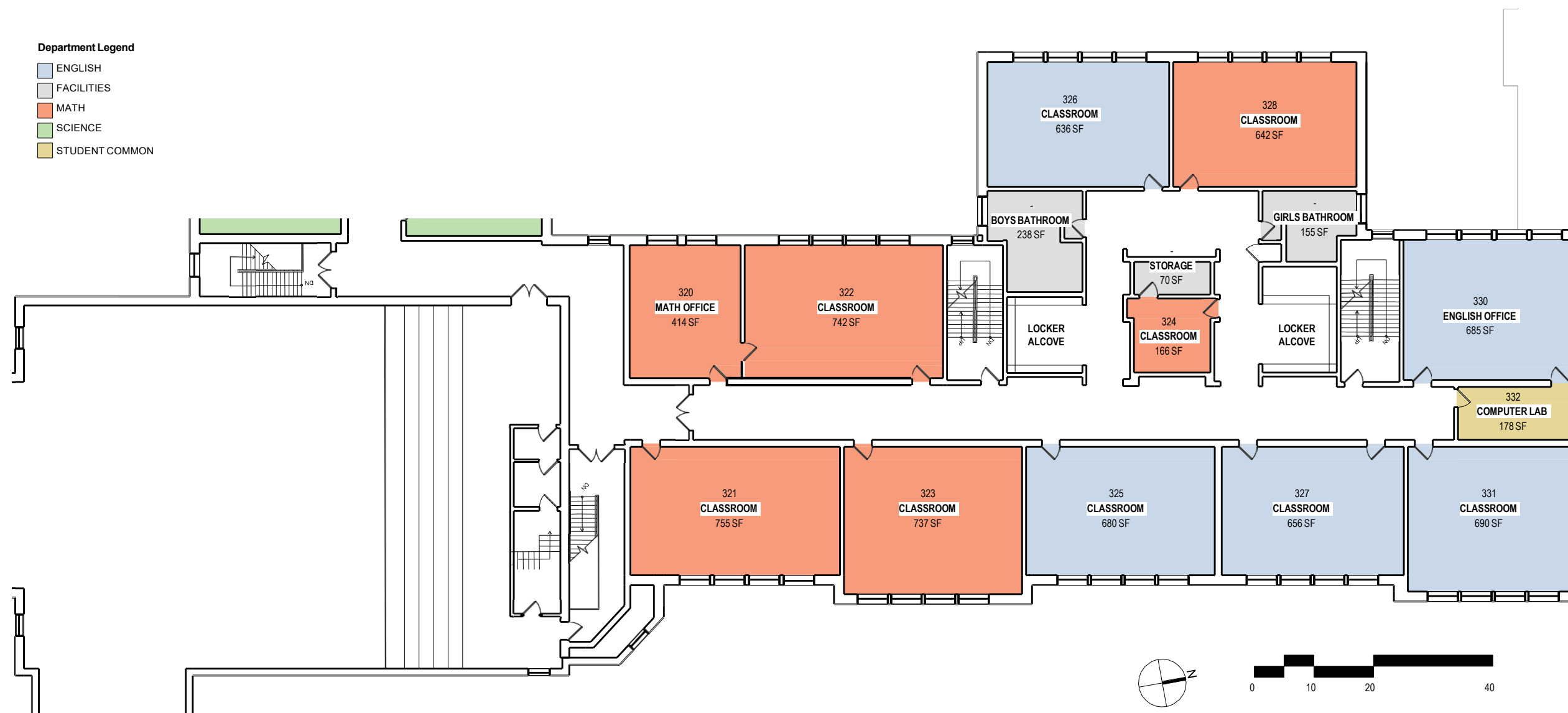
MATH LITERACY ROOM



ALCOVE COLORS

Department Legend

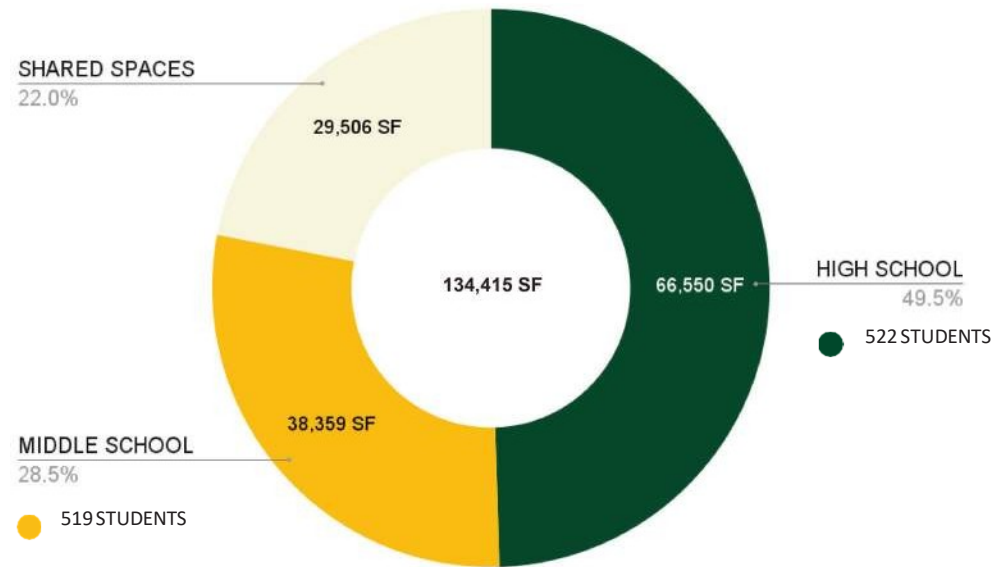
- ENGLISH
- FACILITIES
- MATH
- SCIENCE
- STUDENT COMMON



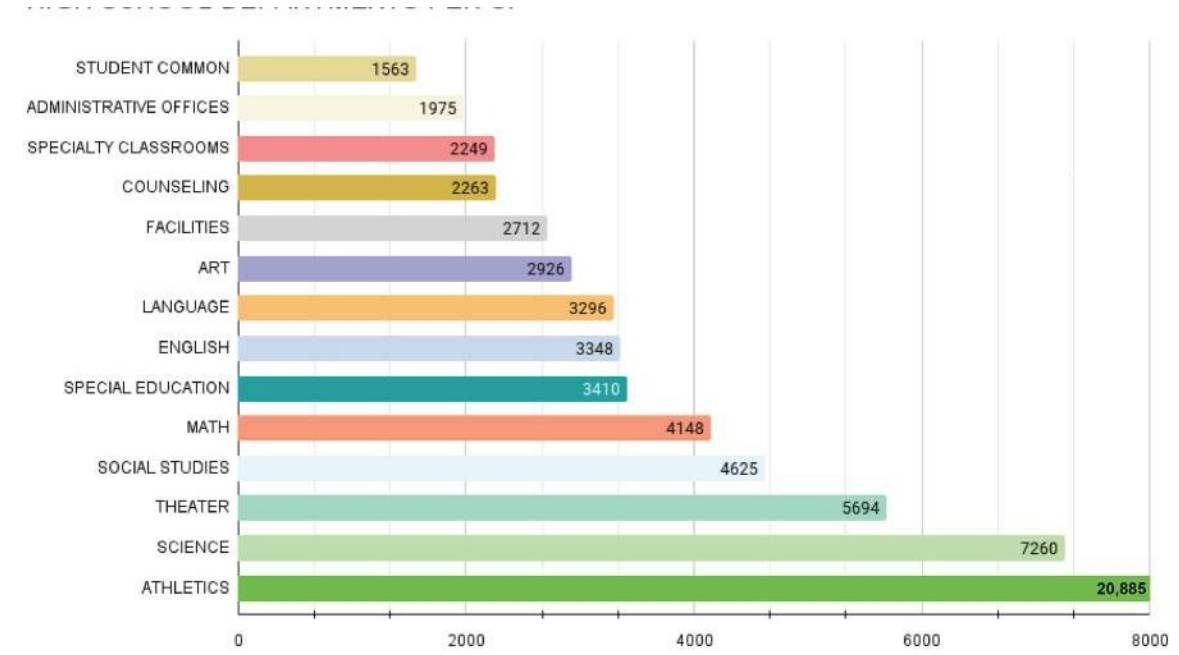
HASTINGS HIGH SCHOOL THIRD FLOOR PROGRAM ANALYSIS PLAN

EXISTING USES & PROGRAM SURVEY

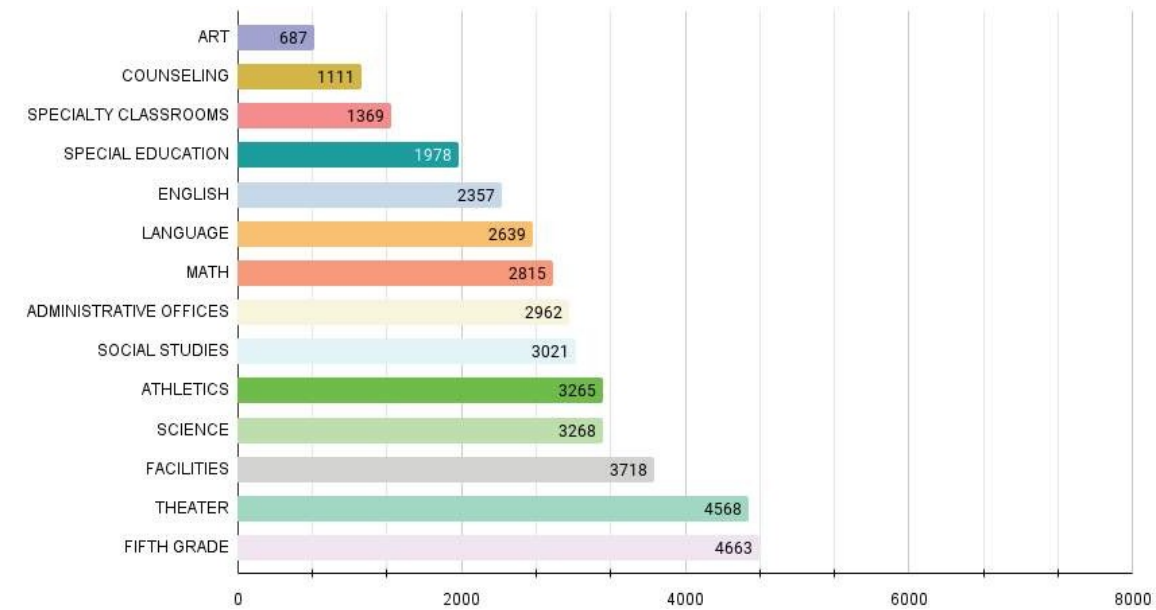
MARCH 2024



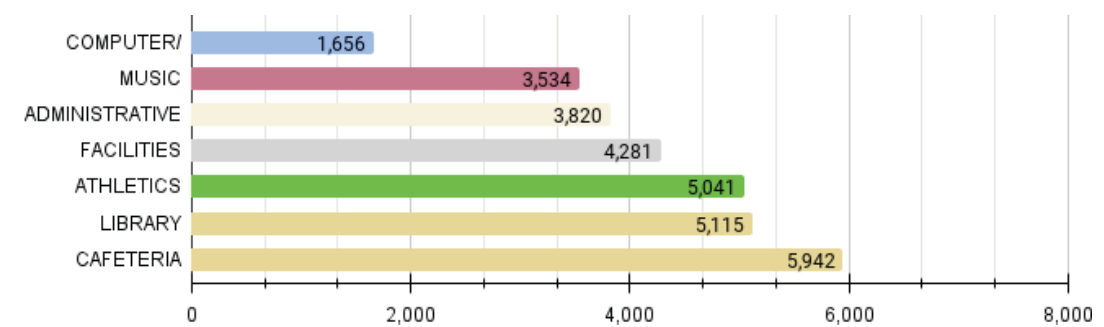
TOTAL DISTRIBUTION OF SPACES BETWEEN MIDDLE SCHOOL/HIGH SCHOOL



SQUARE FOOTAGE BY DEPARTMENT HIGH SCHOOL



SQUARE FOOTAGE BY DEPARTMENT MIDDLE SCHOOL

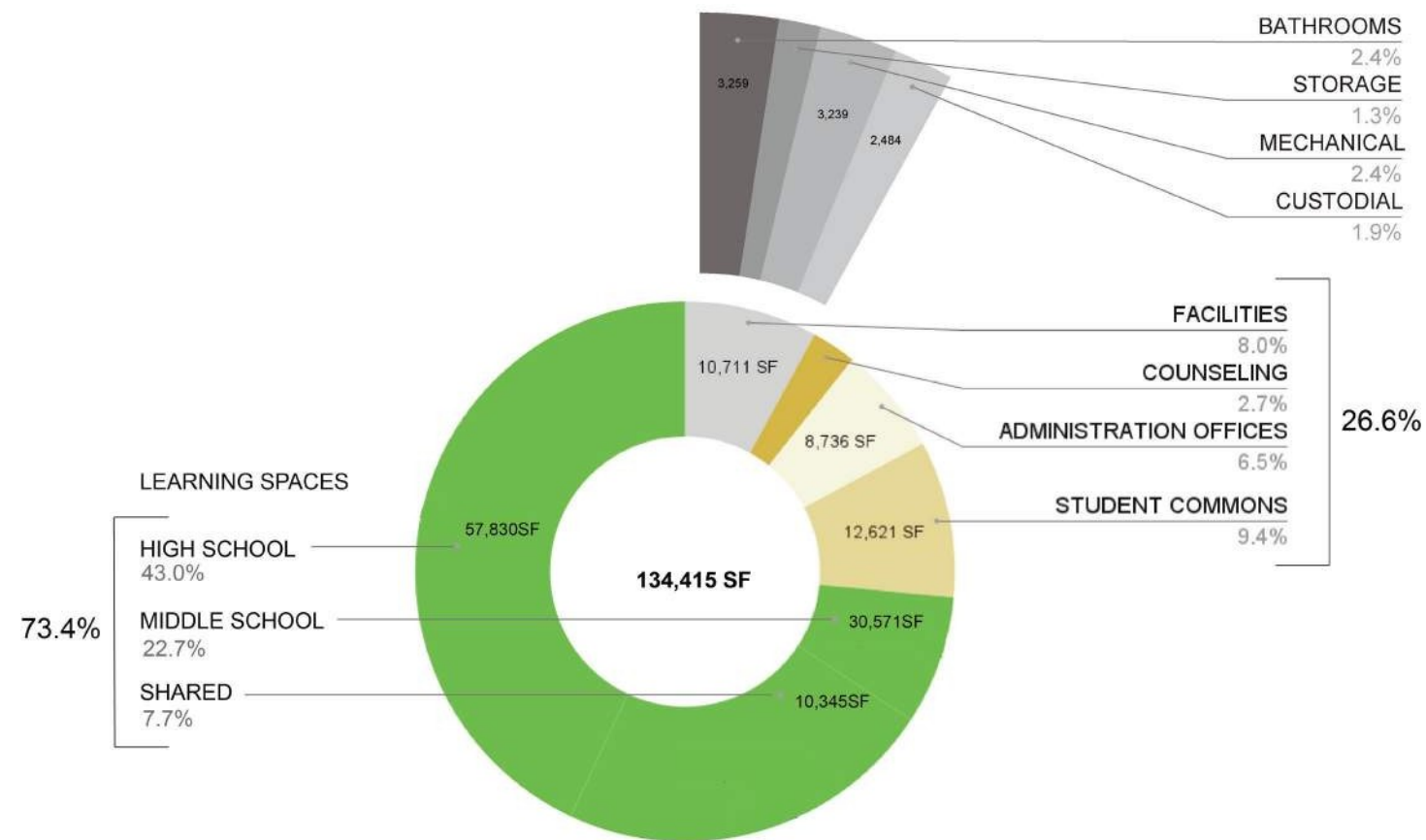


SQUARE FOOTAGE BY DEPARTMENT SHARED

HIGH SCHOOL - TOTAL CLASSROOMS		
Department	Count	Area
ART	3	2265 SF
ENGLISH	4	2662 SF
LANGUAGE	5	3062 SF
MATH	6	3733 SF
SCIENCE	6	6130 SF
SOCIAL STUDIES	6	4155 SF
SPECIAL EDUCATION	3	1621 SF
SPECIALTY CLASSROOMS	3	1986 SF
TOTAL CLASSROOMS: 36	36	25614 SF

MIDDLE SCHOOL - TOTAL CLASSROOMS		
Department	Count	Area
ART	1	687 SF
ENGLISH	3	2357 SF
FIFTH GRADE	6	4663 SF
LANGUAGE	4	2639 SF
MATH	4	2582 SF
SCIENCE	4	3268 SF
SOCIAL STUDIES	4	2809 SF
SPECIAL EDUCATION	3	1350 SF
SPECIALTY CLASSROOMS	2	1270 SF
TOTAL CLASSROOMS: 31	31	21623 SF

SHARED SPACES - TOTAL CLASSROOMS		
Department	Count	Area
COMPUTER/ ROBOTICS	2	1354 SF
MUSIC	2	2941 SF
TOTAL CLASSROOMS: 4	4	4295 SF



LEARNING SPACES VS. ADMIN/COMMONS/FACILITIES

ROOM SCHEDULE - SF/STUDENT/CLASS - HHS					
Number	Name	Area	Existing Room Areas		
			SF per Student*	Max # of Students	Area over 770 SF
HS					
ART					
H203	CLASSROOM	1,058SF	45SF	23	288SF
H207	ART ROOM	868SF	45SF	19	98SF
ENGLISH					
H325	CLASSROOM	680SF	30SF	22	-90SF
H326	CLASSROOM	636SF	30SF	21	-134SF
H327	CLASSROOM	656SF	30SF	21	-114SF
H331	CLASSROOM	690SF	30SF	22	-80SF
LANGUAGE					
H118	CLASSROOM	622SF	30SF	20	-148SF
H119	CLASSROOM	508SF	30SF	16	-262SF
H127	CLASSROOM	723SF	30SF	24	-47SF
H129	CLASSROOM	754SF	30SF	25	-16SF
MATH					
H125	CLASSROOM	692SF	30SF	23	-78SF
H321	CLASSROOM	755SF	30SF	25	-15SF
H322	CLASSROOM	742SF	30SF	24	-28SF
H323	CLASSROOM	737SF	30SF	24	-33SF
H328	CLASSROOM	642SF	30SF	21	-128SF
SCIENCE					
H301	CLASSROOM	1,057SF	50SF	21	287SF
H304	CLASSROOM	1,084SF	50SF	21	314SF
H305	CLASSROOM	1,221SF	50SF	24	451SF
H306	CLASSROOM	988SF	50SF	19	218SF
H308	CLASSROOM	801SF	50SF	16	31SF
H309	CLASSROOM	978SF	50SF	19	208SF
SOCIAL STUDIES					
H221	CLASSROOM	752SF	30SF	25	-18SF
H223	CLASSROOM	757SF	30SF	25	-13SF
H225	CLASSROOM	661SF	30SF	22	-109SF
H227	CLASSROOM	656SF	30SF	21	-114SF
H228	CLASSROOM	640SF	30SF	21	-130SF
H229	CLASSROOM	690SF	30SF	22	-80SF
SPECIALTY CLASSROOMS					
H226	CLASSROOM	639SF	30SF	21	-131SF
H2002	HEALTH CLASSROOM	706SF	30SF	23	-64SF
H5005	TV STUDIO	642SF	30SF	21	-128SF
HS: 30		23,035SF			
		avg. classroom size: 767 SF	only 4 of 30 classrooms accommodate 25 students		
			only science classrooms & art rooms comply with 770sfmin		

ROOM SCHEDULE - SF/STUDENT/CLASS - FMS					
Number	Name	Area	Existing Room Areas		
			SF per Student*	Max # of Students	Area over 770 SF
MS					
ART					
F154	ART ROOM	687SF	45 SF	15	-83SF
ENGLISH					
F254	CLASSROOM	740SF	30SF	24	-30SF
F255	CLASSROOM	832SF	30SF	27	62SF
F257	CLASSROOM	784SF	30SF	26	14SF
FIFTH GRADE					
F352	CLASSROOM	808SF	30SF	26	38SF
F353	CLASSROOM	677SF	30SF	22	-93SF
F354	CLASSROOM	876SF	30SF	29	106SF
F355	CLASSROOM	775SF	30SF	25	5SF
F356	CLASSROOM	758SF	30SF	25	-12SF
F358	CLASSROOM	768SF	30SF	25	-2SF
LANGUAGE					
F153	CLASSROOM	709SF	30SF	23	-61SF
H101	CLASSROOM	616SF	30SF	20	-154SF
H103	CLASSROOM	580SF	30SF	19	-190SF
H105	CLASSROOM	733SF	30SF	24	-37SF
MATH					
W161	CLASSROOM	680SF	30SF	22	-90SF
W162	CLASSROOM	698SF	30SF	23	-72SF
W163	CLASSROOM	602SF	30SF	20	-168SF
W166	CLASSROOM	600SF	30SF	20	-170SF
SCIENCE					
W261	CLASSROOM	666SF	40SF	16	-104SF
W262	CLASSROOM	772SF	40SF	19	2SF
W266	CLASSROOM	849SF	40SF	21	79SF
W267	CLASSROOM	981SF	40SF	24	211SF
SOCIAL STUDIES					
F252	CLASSROOM	837SF	30SF	27	67SF
F253	CLASSROOM	776SF	30SF	25	6SF
W165	CLASSROOM	599SF	30SF	19	-171SF
W167	CLASSROOM	597SF	30SF	19	-173SF
SPECIALTY CLASSROOMS					
-	FACS	631SF	30SF	21	-139SF
W263	HEALTH CLASSROOM	639SF	30SF	21	-131SF
MS: 28		20,273SF			
		(excluding fifth grade) avg. classroom size: 678 SF	(excluding fifth grade) only 4 of 22 classrooms accommodate 25 students		
			only 7 of 28 classrooms comply with net 770sf min		

*Per NYSED Building Aid Guidelines chart: BAU for Secondary School - Pupil Station Method

● LESS THAN 25 STUDENTS
 ● LESS THAN 770SF



HIGH SCHOOL CLASSROOM

Classrooms:

- Classroom sizes have not changed in the building in decades, although **the number of teachers and specialist in the classroom has grown.**
- Farragut Middle School experiences the worst conditions of class sizes and lack of room availability.
- Ideal classrooms would accommodate **tables in lieu of old desks**, and with room for teachers and students to move freely around the worktables. **Flexibility in furniture** to accommodate small group work and ability to change classroom set up easily is necessary to meet pedagogical goals.
- **Outlets are a huge issue:** power strips plugged into power strips into workstations pose tripping hazards and safety. Classrooms are generally in need of renovation to current teaching standards.

Program Development

- STEM spaces are lacking in the school and there is envy of other districts that have invested in new and updated STEM facilities. Importantly, **Project Based Learning happens in the little left over space that teachers are able to find** and cram in. Historically, there has been no intentional approach to physical program space for project based learning. There is a desire for robotics and makerspace to be centrally located and for STEM spaces to be developed and elevated within the school and physical facilities.
- 5th Grade does not have adequate space for the curriculum. Notably, there is now **state science testing for 5th grade that requires laboratory work.** The current 5th grade hallway does not have lab space, so teachers have portable lockers in the hallway storing fragile science equipment.

Corridors:

- Circulation within each school and overall in the Farragut complex can be overwhelming and confusing to visitors and new students. **Wayfinding is not clear or bold enough to provide ease of movement between different wings of the building.**
- Middle School corridors in the Washington Wing are small, **crowded during transition times between classes, bordering hazardous** conditions that incites inadvertent physical contact. The second floor Washington Wing hall is particularly egregious with lockers protruding into the clear corridor space.
- Additionally, there are **not enough lockers to accommodate the Middle School** student population, with lockers stacked over each other being an issue for shorter kids.
- **High School corridors are informally used as hang out space**, lunch seating, and class break out space, which poses an issue for safety and ease of egressing in an emergency. Teachers don't have ease of vision into the hallways and alcoves as all corridor walls are solid.
- **The lockers in the High School are rarely used**, though the locker alcoves on the second and third High School floors are used as informal lounge areas for the students.

Student Spaces:

- **Break out space is one of the biggest concerns across all disciplines**
- The **High School lobby** is a large area with great light looking onto the courtyard but not capitalized on. The current furniture design is not ideal for the layout, and certain areas, including the trophy case section, is underused.
- **The Cafeteria is too crowded for the Middle School**, with lunch lines being long, giving Middle School students too little time to eat. Access to the Cafeteria is congested from the MS hallways.
- **Student bathrooms are needed close to the Cafeteria.**
- HS students rarely eat in the Cafeteria using other areas in the HS building for informal lunch seating.
- The **Library** is the only space in the school that has both flexible work areas and break out spaces and is readily available to students. It is **used constantly, before, during and after school.**



FMS WASHINGTON WING SECOND FLOOR LOCKERS



BLUE LECTURE ROOM



COCHRAN GYM ENTRANCE

Faculty Spaces:

- High School departments have dedicated office spaces, which while crowded, allows for informal collaboration of teachers throughout the day.
- Middle School faculty spaces are not adequate for collaboration without department offices. Middle School faculty wear two hats- departmentally and grade level wise, double the collaboration is needed.
- Conference Rooms are sub standard.
- The Blue Lecture Room is the most desired space in the school, though currently it is being used as a chorus room.

Special Subjects:

- Art for Middle School and High School can be combined for a central art suite to serve both schools.
- The HS Auditorium front of house space was recently refurbished but the back of house and stage area needs to be reconstructed for better access and safety.
- The music suite renovation was very well received, but needs to accommodate the chorus program.

Special Education:

- Special Education needs for the building vary for each type of program. Overall, there are space needs for testing, private meetings, cohesive faculty offices, lockable storage, and perhaps most importantly- break out spaces and resource rooms. Compliance with testing standards is of great concern.
- Special Ed piloted program for math assistance, where students are pulled out into small groups every other day. It has been a very successful inclusive model. Next year, the program will run for ELA and Math for 6th, 7th and 8th grade expanding to six classes and there is limited space to accommodate 6 break out classes.
- There are also space needs for a therapeutic support program.
- The consortium with Irvington for full daily living skills is working well and should only be developed in district if the school has multiple tuition students for the program.
- Accessibility is another concern at the Farragut complex, as elevators are not centralized and are non continuous throughout floors.

Counseling:

- Counseling for MS and HS would be ideal in a central location between the schools.

Physical Education/Gymnasiums:

- The Gym spaces are used heavily throughout the day, after school and during evenings and weekends by outside groups, and the community, needing separate dedicated storage.
- The Locker Rooms could be restructured for Girls, Boys and Gender neutral to be more equitable and efficient in space.

Operations/Facilities

- The Farragut wing needs the most attention in terms of floors, lighting and ceilings in need of an upgrade.
- Storage throughout the building is a challenge.
- Access to the loading dock is through the play yard, which is well managed but not ideal.

Security:

- The multiple exits from the building is problematic and “a nightmare” to manage from a security perspective. People see so many exit doors and they don’t know where to exit from, inadvertently letting people into the building where they are exiting. This is particularly bad at the Cochran Gym exit.

High Priority Needs• **Middle School:**

- Need 20% more space for:

- 4-6 Classrooms
- Break Out Rooms
- Faculty Offices
- Special Education

Either:

- Relocate 5th grade
- Relocate Cafeteria
- Build addition to Farragut/Washington wing

- Resolve circulation & lockers

• **High School:**

- Create break out spaces/hang out space/flex space for students and faculty
- Update classrooms with outlets, whiteboards, smartboards, views into corridor

• **Shared:**

- Use center wing to create central makerspace, art suite, guidance shared between MS & HS
- Update Blue Lecture Room as modern flex space for the building
- Create private rooms for testing and sensitive zoom calls/meetings
- Add new chorus room

Additional Needs:

- Renovate Athletics locker rooms & Farragut Gym, Add AC to Gyms
- Update stage and backstage area at HS Auditorium
- Identify and regularize storage appropriate for each program in the building
- Wayfinding and new Middle School Entry
- Address multiple points of exit/entry for a more secure building
- Establish a cohesive color scheme throughout the school
- Address the need for student bathrooms adjacent to Cafeteria while ensuring easily accessible Faculty Bathrooms in the building

Future Planning:

- STEAM building

Basis of Design for Concept Scheme A: Existing Space Allocation

- Reprogram central wing for central guidance and art suites.
- Move Project Lead the Way to Trophy Section of HS Lobby for a centrally located Makerspace
- Reprogram HS 1st floor wing to consolidate program as possible.
- Reorganize HS Athletics locker rooms for better space efficiency.
- Redesign HS locker alcoves for student lounge/break out spaces.
- Reprogram Farragut wing first floor as FMS and District Office space
- Move MS FACS adjacent to Daily Living Skills
- Move MS Health down to HS Athletics floor adjacent to HS Health.

Basis of Design for Concept Scheme B: Addition

- Addition in the ground level courtyard for new central Cafeteria, gaining back 3rd floor Washington Wing for classroom space OR
- Addition to the back of the Washington Wing for new FMS classroom and resource space

Basis of Design for Concept Scheme C: 5th Grade to Hillside (for alternate consideration)

- Relocate 5th Grade at Hillside, gaining back 3rd floor Farragut Wing for 6-8 classroom space
- Addition to Hillside either building up or out
- Add consultants for Structural and Civil engineering analysis, including traffic study

Basis of Design for Concept Scheme D: New Building (for future consideration)

New Building on Burke Estate for:

- New STEAM program OR
- Relocate PE/Athletics