## **BALTIMORE CITY PUBLIC SCHOOLS EDUCATIONAL SPECIFICATIONS**

PART 3: SITE SPECIFIC EDUCATIONAL SPECIFICATIONS HARFORD HEIGHTS ELEMENTARY #36 FEBRUARY 2017



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#### BALTIMORE CITY PUBLIC SCHOOLS EDUCATIONAL SPECIFICATIONS

### **BALTIMORE CITY ACKNOWLEDGEMENTS**

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# **A. PROJECT SUMMARY**

## A. PROJECT SUMMARY

#### A.1 Project Justification:

Harford Heights Elementary #36 is a campus composed of two buildings that share utilities: the William C. March Bldg to the north (swing space that is currently unoccupied) and the Harford Heights Bldg to the south (occupied by Harford Heights E). The Harford Heights side houses the Harford Heights program, #37. The building has a Facility Conditions Index (FCI of 49.5%) and Educational Adequacy Score (EAS of 57.8) based on the previously completed 2010 Jacobs building assessment report. This FCI suggests that it is more cost effective to renovate this building than to replace it; an addition should be considered to support specific needs of the Sharp-Leadenhall program. The new Harford Heights campus will be a co-location between #37 Harford Heights E (grades PK-5) and #314 Sharp-Leadenhall Special Ed. E (grades K-5), a separate public day school for students who have severe emotional disabilities. When the project was first proposed, Harford Heights had a much larger population which has since decreased. An updated ed spec reflects adjustments that have been made to accommodate this decrease; this results in the feasibility study showing a larger program than what will be used for design. Though past years saw enrollment decline, we anticipate this leveling off, particularly with the principal partnership program that supports this school in addition to extra SIG (School Improvement Grant) funding. Therefore, the Harford Heights design capacity aims to support the current population size, not the current projections. Enrollment projections are discussed further in section C.4

Harford Heights has a PRIDE program which makes this an ideal co-location of the Sharp-Leadenhall program since it allows for a full continuum of services at a single location should children need to step up or down in their needs. This campus will also allow City Schools to adhere to state guidelines that students with high-level needs not be located in a standalone facility. The Sharp-Leadenhall Building and the William C. March Building will both be surplused as a result of this project, followed by the demolition of William C. March. In SY 2021-22, the anticipated state rated capacity of the building will be 561, and its target utilization rate will be 90%\*.

#### A.2 Project Description:

The full Harford Heights complex was built in 1974 at 234,545 square feet. William C. March is 91,969 sf; the Harford Heights portion is 138,037. There are two wings connected by a shared kitchen and utility unit. The intention is to swing the students into the William C. March portion during construction; in order for the kitchen to remain operational and utilities to continue running, careful consideration will need to be given to phasing of the project. The feasibility study will help to determine whether the building will be renovated or replaced, though FCI indicates a renovation is more appropriate. The proposed square footage for the replacement or renovated building will be approximately 112,070 square feet total. For the opening year, the projected enrollment is currently slated to be 415 (74%). As stated above, City Schools anticipates the current enrollment holding steady (current combined enrollment is 458 (82%). For the development of the site specific educational specification a modified PK-5 prototype for an elementary school was used for the standard.

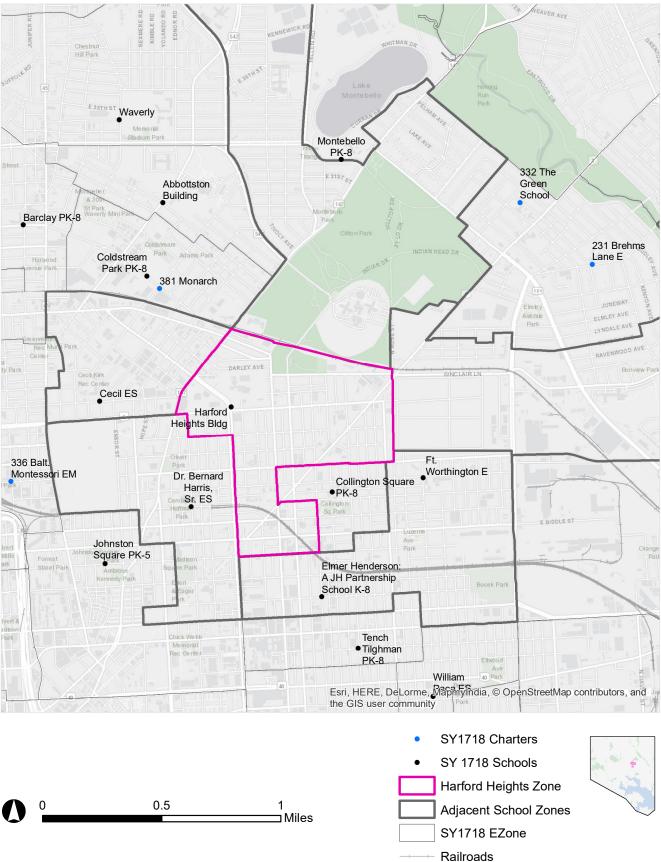
Schedule		
Task	Start	Complete
Educational Specifications	November 2014	January 2018
Feasibility Study	March 2016	December 2018
Board Approvals + Design Team Approval	February 2018	May 2018
Schematic Design	May 2018	July 2018
Design Development	August 2018	October 2018
Construction Documents	November 2018	April 2019
GMP Development	April 2019	June 2019
Construction	July 2019	July 2021
Occupancy	August 2021	September 2021

#### A.3 Proposed Schedule

#### A.4 Facility Summary

Facility Summary		
	Current	2020-21 Projected
State Rated Capacity	600 HH; 751 WCM	511 HH; 50 SL
Full Time Enrollment	428	415* (74%)
Relocatables	none	none
Gross Square Footage	234,545	112,070

### #36 Harford Heights E #37 Harford Heights E + #314 Sharp-Leadenhall Special Ed. E



# **B. PROJECT BACKGROUND**

## **B. PROJECT BACKGROUND**

#### B.1 Community Description and History:

The Harford Heights Building is located in the Broadway East Community, which is in the Eastern geographic area of Baltimore City. It is located in Community Statistical Group Area (CSA) #3: Clifton-Berea and Madison/East End. This area consists mostly of distressed housing. ACS (American Community Survey) data from 2010 to 2015 shows the under 18 population decreased approximately 4%.

Current plans for this area include:

East North Avenue LINCS - The Vacants to Value Programs targets selected community areas with relatively stable markets for intensive redevelopment of vacant housing through partnerships with non-profit and for-profit organizations. Clusters include Eager Street Commoms, Lakewood Chase, Oliver, and Rutland.

EBDI (East Baltimore Development Inc.)- Spearheaded by Southern Baptist Church and several community churches. Department of Planning will collaborate with community stakeholders to include significant green network components and overall development strategies.

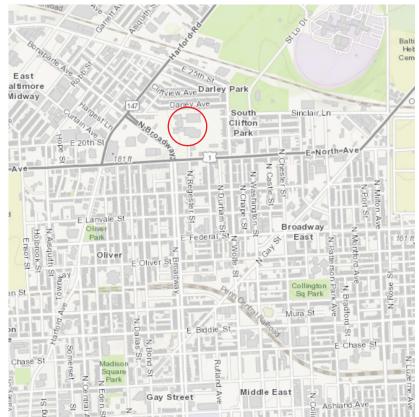
#### B.2 School Description and History:

This campus previously housed two programs: the William C. March Middle program (in the northern wing) and the Harford Heights Elementary program (in the southern wing). William C. March closed in June of 2013, and it was given the designation of swing space (it was used by Ft. Worthington from August 2015 to August 2017).

#### 37 Harford Heights E

Hispanic: 0% Non-Hispanic African American: 99% Non-Hispanic American Indian: 0% Non-Hispanic Asian: 0% Non-Hispanic Native Hawaiian/Pacific Islander: 0% Non-Hispanic White: 1%

<u>314 Sharp-Leadenhall Special Ed. E</u> Hispanic: 3% Non-Hispanic African American: 82% Non-Hispanic American Indian: 0% Non-Hispanic Asian: 0% Non-Hispanic Native Hawaiian/Pacific Islander: 0% Non-Hispanic White: 13%



#### B.3 Existing Site Plans, Floor Plans, and Photographs:

Existing Site and Floor Plans are located in the Appendix.



Building Entry - Harford Heights



Building Entry - William C. March



Main entry on interior



Gym hallway



Cafe space



Building dedication plaque



Building Facade



Resource Space



Weinberg Library entry



Bridge connecting William C. March to Harford Heights



Main entry



Grade change from main entry to academic wing

#### B.4 Summary of Recent Feasibility Studies or Assessments:

The 10-Year Plan's recommendation, based on the Jacob's building assessment report (2010), for Harford Heights ES is that a renovation or renovation/addition be considered for the school. The rationale behind this recommendation is as follows:

- The FCI suggests that renovation should be considered.
- The Harford Heights building falls below the target EAS of 80 for district buildings used for instruction and does not meet the standard for supporting excellent teaching and learning.

• The school does not meet the acceptable utilization rate for City Schools' buildings (65-100%); when William C. March is factored in, utilization is 33%.

# C. PROPOSED EDUCATIONAL PROGRAMS AND SERVICES

#### C.1 School Grade Organization:

Harford Heights Elementary is a traditional elementary school with grades Pre-K to 5. Sharp-Leadenhall Special Ed. E is a K-5 program.

In general, the proposed renovated school will maintain a separation between the lower and upper grades. Pre-K and K grades would be grouped near each other and situated to provide direct access to the exterior for egress and to common areas and Judy Center spaces. Grades 3, 4 and 5 will be grouped near each other to promote the social interaction and growth of the older elementary students. Sharp-Leadenhall will have it's own spaces separate from Harford Heights, all on one level.

Other program factors to the grade organization at Harford Heights Elementary include the layouts of the Collaborative Learning Areas (CLAs), where several grades have either similar CLA arrangements appropriate to their grade levels; the full inclusion of Special Education into the dedicated Classrooms; and the overall desire to control access to the specialized program classrooms around the building - those being Physical Education, Music, Science, Art, Media, and Technology Lab. Several of these spaces will also want certain adjacencies to the anticipated Community programmed spaces for dual use such as the Gym, Art Classroom and Stage (part of the Music program space). Spaces that could potentially be used by both programs (Media or the Gym) would require communication/coordination between the principals; direct access between the programs is not desired.

#### C.2 Proposed Curriculum:

The Harford Heights Elementary program has a citywide PRIDE program which will impact the design of the building and space requirements. The Sharp-Leadenhall program is unique and will have a large impact as well.

Proposed Staff		
Position	HH Quantity	SL Quantity
Principal	1	1
Assistant Principal	1	1
Teacher - General Educators	35	0
Teacher - Headstart	2	0
Teacher - Special Education	4	5
Teacher - Physical Education	1	1
Teacher - Technology	1	0
Teacher - Music	2	1
Teacher - Art	1	1
Teacher - Staff Developer	1	1
Paraeducator	1	0
Paraeducator - Headstart	2	0
Paraeducator - Pre K	3	0
Paraeducator - Special Education	4	20
Assistant - Non-Instructional/10mth	1	1
Staff Associate/10mth	3	1
Educational Associate/10mth	1	1
Librarian	1	0
Secretary I - School	1	1
Speech Pathologist	1	2
Social Worker	2	2
Psychologist	2	2
Nurse	1	1
Occupational Therapist	1	1
Manager I - Cafeteria	1	0
Food Services Worker I/3.5 hrs	2	0
Food Services Worker I/6 hrs	1	0
Custodial Worker I/12 mth	2	1

#### C.3 Proposed Staff:

See section F.3 for parking requirements.

#### C.4 Enrollment Projections:

Enrollment projections are based on historic trends using the GPR (grade progression ratio), which uses historical enrollment in conjunction with the number of students who progress on to the following year. Kindergarten projections are based on birth rates and capture rates, the ratio of kindergarten enrollments to city births; we calculate this rate for each cohort by linking births to enrollments five years later. While these values are the basis for the design capacity at a School, a number of other factors are taken into consideration, including recent developments, population growths, and general community trends. Harford Heights is a zone school (students within its boundary are zoned there). Students within the PRIDE program there are placed there because of their home location and IEP's. The Sharp-Leadenhall program is very specific and students are placed there as well. The enrollment will depend entirely on the number of children with need of these services each year and can vary. The classrooms provided are intended to serve the age range of children served. It is highly unlikely that the program would serve 50 children, but since the only alternative to this school would be for the City to pay for the child to attend elsewhere, we are ensuring there is adequate space.

When Harford Heights enrollment projections are pulled out, the proposed design capacity is in line with enrollments for SY1617 and SY1718. Due to the population decline in the area we do not anticipate having to serve the historic levels of 700 elementary students, but we do want to ensure we can serve the children in this zone while maintaining a 3-section school which is the ideal minimum in terms of financial sustainability and the ability of a program to offer a well-rounded education (i.e. being able to offer art, music or other resource classes). If enrollment continues to drop, portfolio actions will be discussed for this area to ensure the 90% utilization target is met. In addition, as stated in the introduction, City Schools anticipates the principal partnership program and SIG funding will help to build the climate of this school thereby drawing back those who still live in the area but have left out in past couple of years (this is the first year of the principal program/SIG funding).

	37 Harford Heights E (Proposed SRC is 511)										
Grade	Last year	Current		Projected							
Grade	2016-1017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
PK	57	67	48	45	48	47	47	47	47	47	47
K	78	73	85	84	86	84	84	84	83	82	82
1	67	62	73	66	67	68	66	67	67	66	66
2	68	58	50	56	53	53	54	53	53	54	54
3	70	58	52	45	53	50	49	51	50	50	51
4	62	54	59	44	40	47	44	44	45	45	45
5	48	56	48	43	34	30	35	33	33	34	34
TOTAL	450	428	415	383	381	379	379	379	378	378	379
	88%	84%	81%	75%	75%	74%	74%	74%	74%	74%	74%

PK         0	314 Sharp-Leadenahll Special Ed. E (Proposed SRC is 50)											
2016-1017         2017-2018         2018-2019         2019-2020         2020-2021         2021-2022         2022-2023         2023-2024         2024-2025         2025-2026         20           PK         0 </th <th colspan="6">Grade Last year Current</th> <th>Projected</th> <th></th> <th></th> <th></th> <th></th>	Grade Last year Current						Projected					
K         0	201	2016-1017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
1       3       1       2       3				0	0	0	0	0	0	0	0	0
2       5       2       7       6       7       7       7       7       7       7         3       14       6       8       9       8       9       9       8       9       9         4       7       12       6       7       7       7       7       7       7         5       10       9       11       10       10       10       10       10       10         TOTAL       39       30       34       35       35       36       36       35       36       36         78%       60%       68%       70%       70%       72%       72%       70%       72%       72%				0	0	0	0	0	0	0	0	0
2       5       2       7       6       7       7       7       7       7       7       7         3       14       6       8       9       8       9       9       8       9       9         4       7       12       6       7       7       7       7       7       7       7         5       10       9       11       10       10       10       10       10       10         TOTAL       39       30       34       35       35       36       36       35       36       36         78%       60%       68%       70%       70%       72%       72%       70%       72%       72%		3	1	2	3	3	3	3	3	3	3	3
4         7         12         6         7         10 <th></th> <th>5</th> <th>2</th> <th>7</th> <th>6</th> <th>7</th> <th>7</th> <th>7</th> <th>7</th> <th>7</th> <th>7</th> <th>7</th>		5	2	7	6	7	7	7	7	7	7	7
5         10         9         11         10         10         10         10         10         10         10         10           TOTAL         39         30         34         35         35         36         36         35         36<		14	6	8	9	8	9	9	8	9	9	9
TOTAL         39         30         34         35         35         36         36         35         36         37         36		7	12	6	7	7	7	7	7	7	7	7
78%         60%         68%         70%         70%         72%         70%         72%		10	9	11	10	10	10	10	10	10	10	10
		39	30	34	35	35	36	36	35	36	36	36
		78%	60%	68%	70%	70%	72%	72%	70%	72%	72%	72%
Combined         415         414         414         414	Combined							415	414	414	414	415
Future Utilization (Total SRC is 561)         74%         74%         74%         74%	tilizati	ation (Tota	l SRC is 561)				74%	74%	74%	74%	74%	74%

Note - **Bold** indicates opening year.

#### C.5 Future Programs and Services:

#### **Community Partners**

The Out of School Time Support and the Community Services Suite are all components of the Community Space. The Community Services Suite includes a pantry, personal care space with shower, and laundry space.

Additional program and service options which may be located within the Community Space include; an after school program for students, day care services, social services facilities, counseling facilities, offices, conference rooms, recreational spaces and multi-purpose use spaces.

Baltimore City Schools General Education Specification calls for 21st Century School Buildings to become hubs of the community. Creating schools as hubs includes incorporating programs and services for students, parents, and community members within the school building. It also includes providing an opportunity for them to determine which programs and services should be included in the 3000 square feet of community space.

The planning process includes the identification of a community base organization to work with each Year 1 and Year 2 school to form a school base core team to complete a community needs assessment, gap analysis, survey stakeholders, host community forums and use available data to determine program and service needs to be included in the community space.

#### **INSPIRE:**

To leverage the 21st Century Schools Initiative and to enhance the connection between the schools and the surrounding neighborhoods, the Baltimore City Planning Department launched a new program called INSPIRE. INSPIRE stands for Investing in Neighborhoods and Schools to Promote Improvement, Revitalization, and Excellence. This planning program focuses on the neighborhoods immediately surrounding each of the new or renovated schools that are a part of the 21st Century program, specifically the 1/4-mile surrounding each school. Once the Board of School Commissioners approves a feasibility study preferred school design option, the site-specific kickoff of the INSPIRE community engagement and planning process for the surrounding neighborhoods starts.

To engage stakeholders in the program, service needs and design of the community space, City Schools worked with the Mayors Office and the Family League of Baltimore to incorporate the Community Schools Planning process used at more than 40 City Schools.

# F. PROPOSED SITE REQUIREMENTS

## F. PROPOSED SITE REQUIREMENTS

#### F. Proposed Site Requirements:

#### F.1 Parking - bus, car, delivery, staff, visitor:

The main parking lot that serves the Harford Heights facility is located just west of the building. Another lot in the northeast corner of the site serves the William C. March building; the 2 are not connected. Bus drop off occurs on a loop off Broadway (N Register St) and when you leave out of it, you may only make a right hand turn. There will be increased bus traffic here because of the Sharp-Leadenhall program and drop-off will need to be considered for the two programs with the assumption that students from both programs may share a bus.

#### F.2 Service access:

Service access is currently in the northwest corner of the site near the existing kitchen. There is additional access off the property in the northwest via Holycross Lane, but there is no light at the main intersection and a major intervention would be required to make this usable. The kitchen and services/receiving will be need to be centralized to serve both programs.

#### F.3 Vehicle and pedestrian access:

A large number of children use Holycross Lane to walk to the site, in addition to the main loop (N Register St) at the front for walkers and drop-offs. Consideration will be needed for the increased bus traffic that will occur due to Sharp-Leadenhall.

#### F.4 Playing fields/courts/yards:

The entire eastern portion of the site is an open field. A playground is located just to the southeast corner of the building. Direct access to the PK-2 aged playground should be ensured with any future designs.

#### F.5 Natural environmental areas:

An informal green area with numerous trees currently acts as a buffer between the school and the houses to the north; garbage collects there and it is not currently maintained. Efforts should be made to improve this area.

#### F.6 Utilities:

There is currently a Headstart modular located in the southeast corner of the site. It will remain functional during construction and afterwards. Utilities from the school feed to this modular which is not owned by City Schools, though it sits upon City Schools land.

#### F.7 Miscellaneous:

In 2015, a 3,700 sf Weinberg Library was installed at Harford Heights with the intention that any 21st Century efforts would leave it intact. This space will not be touched as part of the project, and any designs shall endeavor to meet the goals of a Weinberg Foundation unless extenuating circumstances prohibit it. Such goals include placement near the main entrace, accessibility to the public, etc...

Additionally, due to the needs of the Sharp-Leadenhall program, **all** interior walls will be CMU or equivalent; they will not be high-impact drywall (the only exceptions are for the health suite and admin area); this is due to the extra wear and tear anticipated by this program. Bulletin boards will also need covers, and the art classroom will have regular classroom furniture.

# I. GENERAL SCHOOL DESIGN CRITERIA

## **I. GENERAL SCHOOL DESIGN CRITERIA**

#### 1.7 Special or Unique Program Requirements:

One space not included in the prototype does not have a spec sheet:

03.01.09 Headstart Classroom- This is the same as 03.01.01 Pre-Kindergarten classroom except the toilet space will be two stalls instead of an individual.

Several spaces are part of the prototypes, but are specific to the PRIDE program and should be located adjacent to PRIDE classrooms while matched with their age-apropriate peers (since this is likely a renovation project, there will be a cluster on one floor with the younger children, and one on the upper floor with the older children). (2) 03.02.02 Resource Rooms

- (2) 03.02.02 Resource Roc
- (2) 04.01.02 Office
- (2) 04.01.01 Special Education Classroom

Through discussions with the internal School Administration, Staff and local Community leaders, several special and unique program requirements have been identified for the Harford Heights and Sharp-Leadenhall program. These spaces generally are deviations from the general Educational Specifications requirements and are reflected as part of our Site Specific Educational Specifications. Below is a list of these program requirements along with a brief description and justification for each space.

#### HARFORD HEIGHTS

03 TEACHING AND LEARNING 03.01 General 03.01.06 Judy Center Resource Room

#### SHARP-LEADENHALL

04 SPECIAL EDUCATION 04.01 General 04.01.04 Intervention Room

13 COMMUNITY SPACE 03.05 Judy Center 13.05.01 Judy Center Office 13.05.02 Judy Center Secure Records Storage 09 PHYSICAL EDUCATION 09.01 09.01.04 Auxiliary Gym

# J. INDIVIDUAL SPACE DESCRIPTIONS

## **J. INDIVIDUAL SPACE DESCRIPTIONS**

This section of the document includes descriptions of the general guidelines and specific room requirements for each area of activity within the building that is different from the general Educational Specificaitons document.

#### Example:

		<b>0</b> .11		"U" = Upper grades "L" = Lower grades "C" = Community sp
<u>ADMIN</u>	ISIKAII	Key number ——>	U 01 02 03	c – communicy s
	Distributed Admin	Storage		
				01 = Department
PROGRAM	Description	Storage for administrative materials		02 = Program Area
				03 = Space/Room
	Area Required (SF)	45		
	Number of Users	0		
	Adjacencies	Distributed Administration (U 01.02)		
ARCHITECTURAL	Ceiling	See standard specifications		
	Walls	See standard specifications		
	Floor	See standard specifications		
	Doors	See standard specifications		
	Windows	See standard specifications		
	Acoustics	See standard specifications		
SYSTEMS	Lighting	No special requirements		
	Audio/Visual	No special requirements		
	Telecom/Data	No special requirements		
	Electrical	No special requirements		
	HVAC	No special requirements		
	Plumbing	No special requirements		
	Specialty	No special requirements		
EQUIPMENT	Display			
		/		
	Casework/Millwork	6 LF bookshelves		
	FF&E (NIC)			
	. /			
REMARKS				
Baltimore City Public Sc	chools	Edu	ucational Specifications	

### L 03 TEACHING AND LEARNING

#### DESIGN DEVIATIONS FROM PROTOTYPE

#### 03.01.06 Add Judy Center Resource Room:

This resource space will work in conjunction with the Judy Center organization to provide support services to students and parents.

#### 03.01 Teaching and LEarning

		Description	Ed. Spec. Part 2/Vol. I Ref.
03	01.06	JUDY CENTER RESOURCE ROOM	DIFFERS FROM STANDARD

## **TEACHING & LEARNING**



Classrooms | Judy Center Resource

PROGRAM	Description	Additional learning space for younger children and visitors
	Area Required (SF) Number of Users	800 10+ students, 1-2 teachers
	Adjacencies	All other Judy Center spaces (13.05); PK and K classrooms (03.01.01 and 03.01.02)
ARCHITECTURAL	Ceiling Walls Floor Doors Windows Acoustics	See standard specifications See standard specifications See standard specifications See standard specifications See standard specifications See standard specifications
SYSTEMS	Lighting	Dual switching and electronic lighting controls
	Audio/Visual	No special requirements
	Telecom/Data	No special requirements
	Electrical	No special requirements
	HVAC	No special requirements
	Plumbing	No special requirements
	Specialty	No special requirements
EQUIPMENT	Display	8 LF tackboard 6 LF markerboard
	Casework/Millwork	<ul> <li>8 LF low bookshelves</li> <li>9 LF counter: wall/base cabinet</li> <li>3 LF lockable tall storage</li> </ul>
	FF&E (NIC)	4 work table 24 chairs

#### REMARKS

Location must be adjacent to other Judy Center Spaces

### **C 13 COMMUNITY SPACE**

#### DESIGN DEVIATIONS FROM PROTOTYPE

#### 13.05 Judy Center

Harford Heights contains a Judy Center to provide support services to students and parents.

		Description	Ed. Spec. Part 2/Vol. I Ref.
13	05.01	JUDY CENTER OFFICE	DIFFERS FROM STANDARD
13	05.02	JUDY CENTER SECURE RECORDS STORAGE	DIFFERS FROM STANDARD

## **COMMUNITY SPACE**



Support Services | Judy Center Office

PROGRAM	Description	Primary workspaces for the Judy Center coordinator, admin,WIC coordinator, and mental health services.
	Area Required (SF)	100
	Number of Users	1 user, 2 guests
	Adjacencies	Judy Center spaces 03.01.06; 13.05.02
ARCHITECTURAL	Ceiling	See standard specifications
	Walls	See standard specifications
	Floor	See standard specifications
	Doors	Provide sidelight with blind
	Windows	See standard specifications
	Acoustics	Wall runs to deck above for acoustic privacy
SYSTEMS	Lighting	No special requirements
	Audio/Visual	No special requirements
	Telecom/Data	No special requirements
	Electrical	No special requirements
	HVAC	No special requirements
	Plumbing	No special requirements
	Specialty	No special requirements
EQUIPMENT	Display	4 LF tackboard 4 LF markerboard
	Casework/Millwork	
	FF&E (NIC)	<ol> <li>desk/chair</li> <li>guest chairs</li> </ol>

#### REMARKS



## **COMMUNITY SPACE**



#### Support Services | Judy Center Secure Records Storage

PROGRAM	Description	Storage for student and community records
	Area Required (SF) Number of Users	75 0
	Adjacencies	Judy Center Spaces: 13.05.01; 03.01.06
ARCHITECTURAL	Ceiling Walls	See standard specifications Fire rated, 2 HR minimum
	Floor	See standard specifications
	Doors	Solid rated door
	Windows	See standard specifications
	Acoustics	See standard specifications
SYSTEMS	Lighting	No special requirements
	Audio/Visual	No special requirements
	Telecom/Data	No special requirements
	Electrical	No special requirements
	HVAC	No special requirements
	Plumbing	No special requirements
	Specialty	No special requirements
EQUIPMENT	Display	LF LF
	Casework/Millwork	<ul><li>4 LF utility shelves 24" d</li><li>8 file cabinets</li></ul>
	FF&E (NIC)	
REMARKS	N/A	

### L 04 SPECIAL EDUCATION

#### DESIGN DEVIATIONS FROM PROTOTYPE

04.01 General

Sharp-Leadenhall contains one special education space not included in the prototypes:

_			Description	Ed. Spec. Part 2/Vol. I Ref.
	04	01.04	INTERVENTION RM	DIFFERS FROM STANDARD

## **SPECIAL EDUCATION**



#### Special Education | Intervention Rm

PROGRAM	Description	Room for students who need to take a break to reflect on their actions/decisions								
	Area Required (SF)	500								
	Number of Users	1 to 6								
	Adjacencies	04.01.02 Special Education office(s)								
ARCHITECTURAL	Ceiling	See standard specifications								
	Walls	CMU or equivalent								
	Floor	See standard specifications								
	Doors	Non-locking door with viewing window								
	Windows	None								
	Acoustics	Sound attenuation required								
SYSTEMS	Lighting	Adjustable								
	Audio/Visual	No special requirements								
	Telecom/Data	No special requirements								
	Electrical	No special requirements								
	HVAC	No special requirements								
	Plumbing	No special requirements								
	Specialty	No special requirements								
EQUIPMENT	Display									
	Casework/Millwork									
	FF&E (NIC)									

#### REMARKS

### L 09 PHYSICAL EDUCATIPN

#### DESIGN DEVIATIONS FROM PROTOTYPE

#### 09.01 Physical Education

Sharp-Leadenhall contains one physical education space not included in the prototypes:

_			Description	Ed. Spec. Part 2/Vol. I Ref.
	09	01.04	AUXILIARY GYM	DIFFERS FROM STANDARD

## **PHYSICAL EDUCATION**



#### Physical Education | Auxiliary Gym

PROGRAM	Description	Classroom for the physical education program							
	Area Required (SF)	1000							
	Number of Users	1-10							
	Adjacencies	Sharp-Leadenhall Dining - 11.01.01							
ARCHITECTURAL	Ceiling	16' minimum height							
	Walls	Padded where deemed necessary							
	Floor	Rubber							
	Doors	Paired with no center post for moving large equipment							
	Windows	See standard specifications							
	Acoustics	See standard specifications							
SYSTEMS	Lighting	No special requirements							
	Audio/Visual	No special requirements							
	Telecom/Data	No special requirements; same as a standard classroom							
	Electrical	Provide power as necessary for various lifting and exercise equipment - determined by school staff.							
	HVAC	No special requirements							
	Plumbing	No special requirements							
	Specialty	No special requirements							
EQUIPMENT	Display	8 LF tackboard							
		8 LF whiteboard /no tray							
	Casework/Millwork								
	FF&E (NIC)								
REMARKS	Coordinate equipment requirements with school staff.								

Educational Specifications



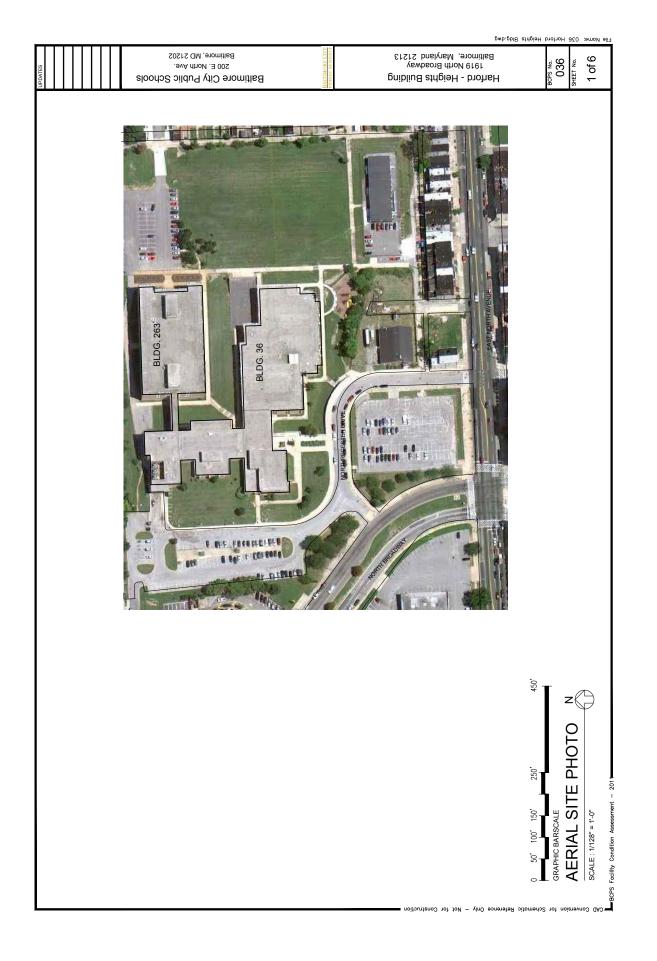
# L. SUMMARY OF SPATIAL REQUIREMENTS

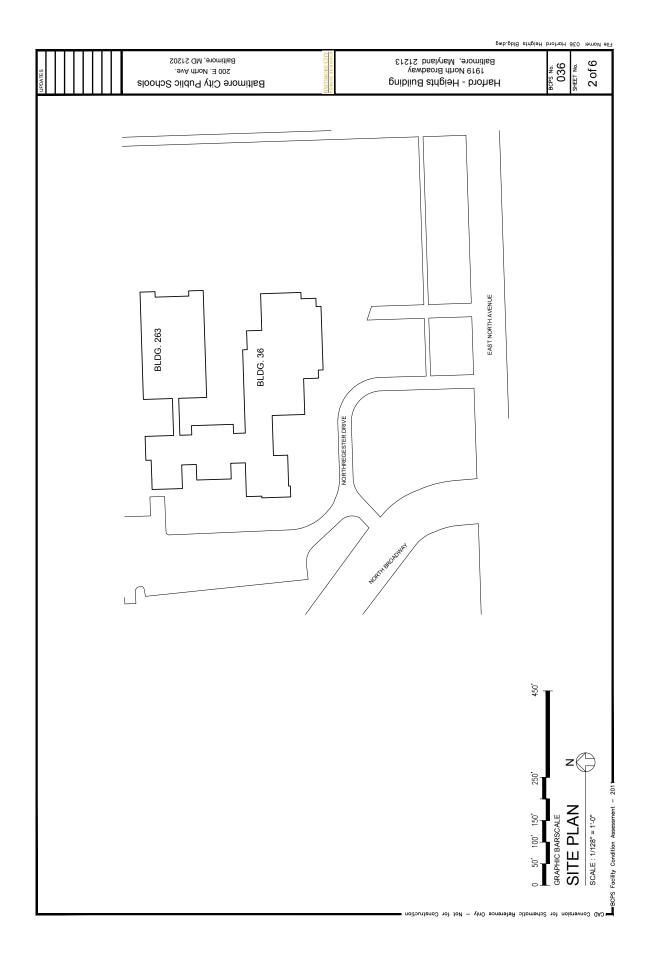
## L. SUMMARY OF SPATIAL REQUIREMENTS

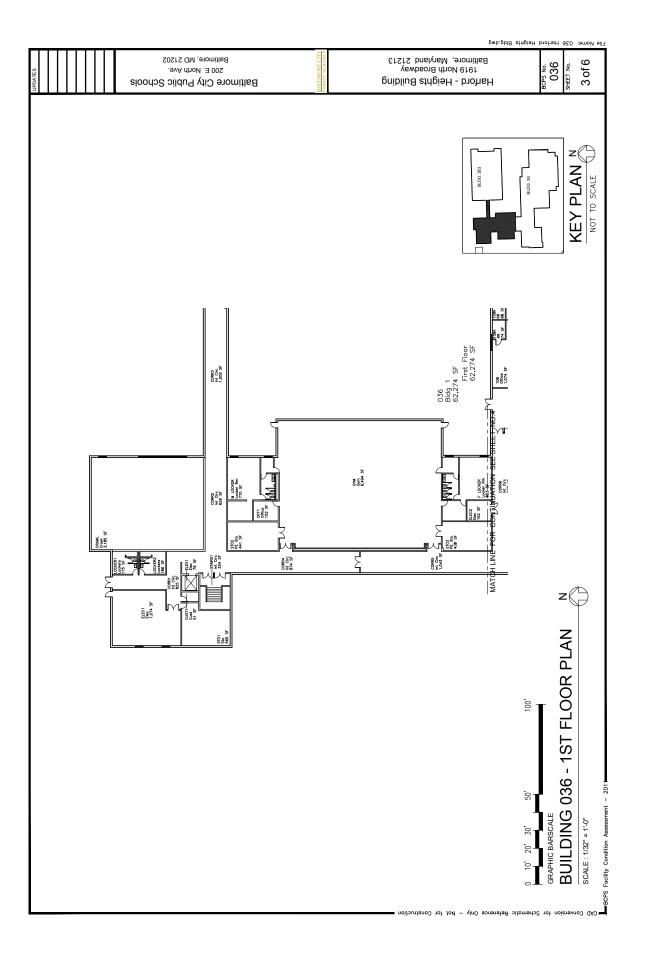
Harford H	eights E #37		ford Heig	hts E						arp-Lead	enhall Spec	ial Ed. E			
	ROOM/SPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL SF	SF TALLY	ES FTE	SPED ED FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL SF	SF TALLY	ES FTE	SPED ED FTE
01 ADMINISTRATION 01.01 Main Office						1,565							1,340		
01.01 man one 01 01.02 01 01.02 01 01.03 01 01.04 01 01.05 01 01.06 01 01.06 01 01.08 01 01.09	GENERAL-RECEPTION CONFERENCE WORKROOM STORAGE SECURE STORAGE PRINCIPAL ASSISTANT PRINCIPAL FLEX OFFICE COAT CLOSET		1 1 1 1 1 1 2 1	450 250 175 125 75 150 120 100 20	450 250 175 125 75 150 120 200 20	1,000				1 1 1 1 1 1 1 1	400 250 125 100 75 150 120 100 20	400 250 125 100 75 150 120 100 20	1,040		
01.02 Faculty Support 01 02.01	FACULTY LOUNGE		1	300	300	300				1	250	250	250		
02 STUDENT SERVIC	ES					675							0		
02 01.01 02 01.02 02 01.02 02 01.03	OFFICE WAITING/RECEPTION CONFERENCE		2 1 1	100 125 350	200 125 350	075				0 0 0	100 100 350	0 0 0	U		
02.02 Health Suite 02 02.01 02 02.02 02 02.03 02 02.03 02 02.04 02 02.05 02 02.06	WAITING AREA EXAM ROOM/TREATMENT STUDENT REST AREAS OFFICE STORAGE STUDENT TOILET		1 2 1 1 1	100 100 150 100 40 100	100 200 300 100 40 100	840				1 1 1 1 1	75 100 75 100 30 100	75 100 75 100 30 100	480		
02.03 Support Services 02 03.01 02 03.02 02 03.03 02 03.03 02 03.04	PSYCHOLOGIST SOCIAL WORKER FLEX OFFICE RECORDS STORAGE		1 1 2 1	100 100 100 75	100 100 200 75	475				1 1 3 1	100 100 100 75	100 100 300 75	575		
03 TEACHING AND LI 03.01 Classrooms						23,000							0		
03 01.01 03 01.02 03 01.03 03 01.04 03 01.05 03 01.06 03 01.07	PRE-KINDERGARTEN KINDERGARTEN GRADES 1-2 PK-2 TOILET GRADES 3-4-5 JUDY CENTER RESOURCE RM HEAD START PROGRAM	3 6 9 0 0	3 6 14 9 1 2	1000 1000 900 50 900 800 1000	3000 3000 5400 700 8100 800 2000		60 66 138 207 0 0	0 0	0 0 0 0 0	0 0 0 0 0 0	1000 1000 900 50 900 0 0	0 0 0 0 0 0		0 0 0 0 0	0 0
03.02 Shared Spaces 03 02.01 03 02.02 03 02.03 03 02.04	COLLABORATIVE LEARNING AREA RESOURCE TEACHER PLANNING STORAGE		5 7 5 5	900 250 300 200	4500 1750 1500 1000	8,750				0 0 1 2	900 250 300 200	0 0 300 400	700		
04 SPECIAL EDUCAT 04.01 General	ION					4,035							5,935		
04 01.01 04 01.02 04 01.03 04 01.04	CLASSROOM OFFICE RECORDS STORAGE INTERVENTION RM	4	4 3 1 0	900 120 75 500	3600 360 75 0	1,000		40	5	5 3 1 2	900 120 75 500	4500 360 75 1000	0,000		50
04.02 Resource 04 02.01 04 02.02 04 02.03	OT/PT OT/PT STORAGE STUDENT TOILET		1 1 1	200 80 50	200 80 50	330				1 1 1	200 80 50	200 80 50	330		
05 SCIENCES 05.01 Elementary Scien				000		1,000							900		
05 01.01 05 01.02	LAB STORAGE		1 1	900 100	900 100					1 0	900 100	900 0			
06 FINE ARTS 06.01 Visual Art 06 01.01 06 01.02 06 01.03	STUDIO STORAGE KILN		1 1 1	1000 150 100	1000 150 100	1,250				1 1 0	900 150 100	900 150 0	1,050		
06.02 Music 06 02.01 06 02.02 06 02.03	LARGE REHERSAL SMALL REHEARSAL STORAGE		1 1 2	1000 850 150	1000 850 300	2,150				1 0 1	1000 850 150	1000 0 150	1,150		
08 TECHNOLOGY ED 08.01 Technology Educ 08 01.01 08 01.02	UCATION cation LAB SUPPLY STORAGE		1 1	900 80	900 80	980				0 0	900 80	0 0	0		

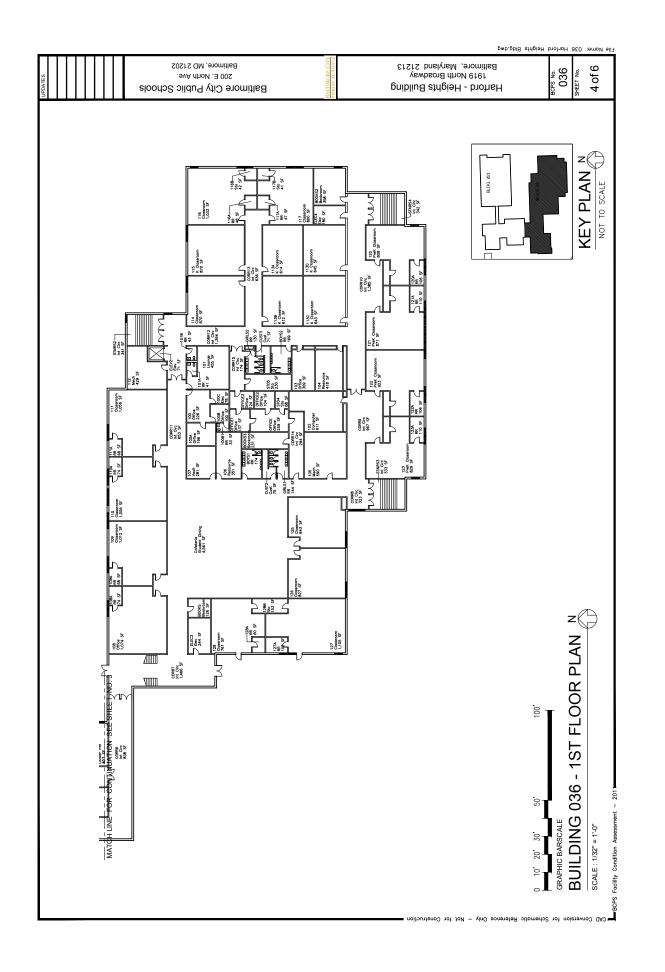
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nanoru ner			ord nerg	JIIIS L						iai p-Leau	iennan opec	ildi Lu. L				I
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	ROOM/SPACE	FEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL SF	SF TALLY	ES FTE	SPED ED FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL SF	SF TALLY	ES FTE	SPED ED	
	ROOM/SPACE	F	z	S	Ē	s	ω	S	F	z	S	F	s	ш	S	_
09 PHYSICAL EDUCAT 09.01 Physical Education		-	-	-	-	4,400	-	-	-	-	-	-	1,400	-	-	
09 01.01	GYMNASIUM OFFICE		1 1	4000 150	4000 150					0 1	4000 150	0 150	,			1
09 01.03	GYM STORAGE		1	250	250					1	250	250				
09 01.04	AUXILIARY GYM		0	250	0					1	1000	1000				
10 MEDIA						0.400										
10.01 Media Center 10 01.01	MEDIA ROOM		1	1500	1500	2,100				0	1500	0	0			
	OFFICE/WORKROOM STORAGE		1 1	150 200	150 200					0 0	150 200	0 0				
	HEAD END ROOM		1	250	250					0	200	0				
11 FOOD SERVICES																
11.01 Dining	Philip					4,075					4500	1500	1,725			
	DINING FURNITURE STORAGE		1 1	2800 225	2800 225					1 1	1500 225	1500 225				
	STAGE		1	900	900					0	900	0				
	STAGE STORAGE		1	150	150					0	150	0				
11.02 Food Service 11 02.01	KITCHEN		1	800	800	2,385				0	600	0	225			
11 02.02	SERVING		3	225	675					1	225	225				
	OFFICE WALK-IN FREEZER		1 1	80 150	80 150					0	80 125	0 0				
11 02.05	WALK-IN CHILLER		1	150	150					0	125	0				
	DRY STORAGE DISH ROOM / TRAY RETURN		1 1	150 200	150 200					0 0	150 200	0 0				
11 02.08	SOAP CLOSET		1	30	30					0	30	0				
	CAN WASH LOCKER / TOILET		1 1	50 100	50 100					0 0	50 100	0 0				
12 BUILDING SERVICE	S															
12.01 Maintenance/Opera			1	200	200	1,290				1	200	200	890			
12 01.02	CENTRAL STORAGE		1	150	150					1	150	150				
	OPERATIONS OFFICE LOCKERS/SHOWERS/TOILETS		1	100 120	100 120					1 1	100 120	100 120				
12 01.05	SECURITY OFFICE		1	100	100					1	100	100				
	CUSTODIAL CLOSETS RECYCLING		4	60 200	240 200					2 0	60 200	120 0				
	OUTDOOR STORAGE - GYM		1	100	100					1	100	100				
12 01.09	OUTDOOR STORAGE - MAINTENANCE		1	80	80					0	80	0				
12.02 Toilet 12 02.01	STAFF TOILET		6	50	300	300				4	50	200	200			
13 COMMUNITY SPACE																
13.01 Family Resource Se			1	150	150	280				1	150	150	200			
	OFFICE		1 1	150 80	80					1 0	150 80	0				
	TOILET		1	50	50					1	50	50				
13.02 Out of School Time	Support			400	100	230					400	2	0			
	STÓRAGE PANTRY		1 1	100 50	100 50					0 0	100 50	0 0				
	OFFICE		1	80	80					0	80	0				
13.03 Service						280							100			
	PANTRY PERSONAL CARE		1 1	80 100	80 100					0 1	80 100	0 100				
	LAUNDRY		1	100	100					0	100	0				
13.04 Non Specified Com						1,835							0			
13 04.01	NON SPECIFIED COMMUNITY		1	1,835	1835					0	2210	0				
13.05 Judy Center				100	400	75				0	100	0	0			
	JUDY CENTER OFFICE JUDY CENTER SECURE RECORDS STOP	RAGE	4 1	100 75	400 75					0 0	100 75	0 0				
	Total Capacity							511							50	
															¬	
	Total Teaching Stations/					25	i	i					5			
	Total Net Square Footage					62,600	i	i					17,450	i	i	
	TOTAL GROSS AREA 1.4 X				8	87,640	İ	İ				2	4,430	İ		1
!							<u>'</u>	!						'-	'	
·	Elementary School Conscitu							i	· - —						7	
	Elementary School Capacity					471		1					0			

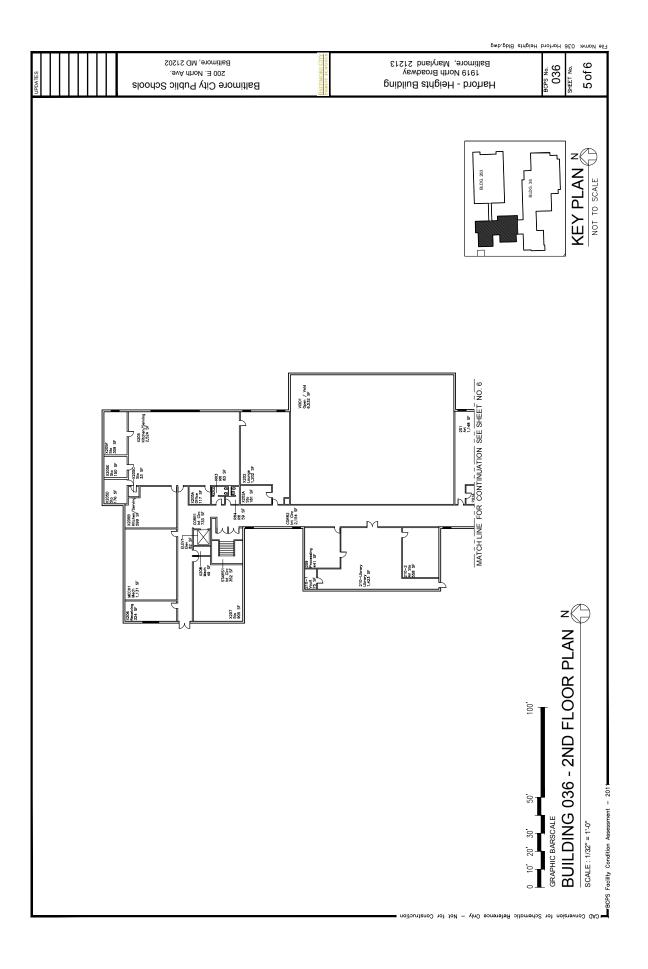
# **M. APPENDIX**

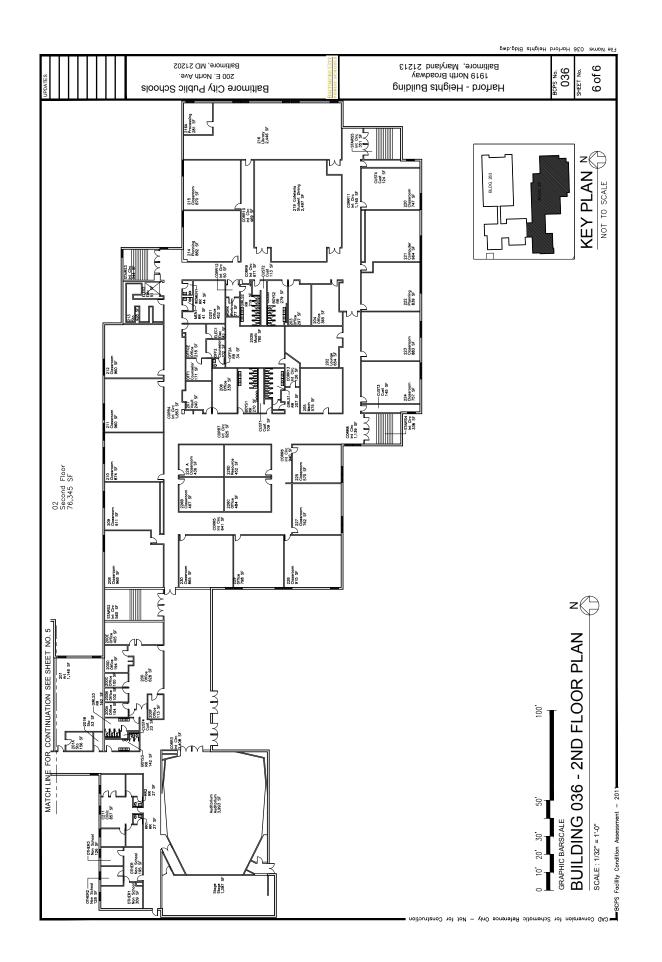


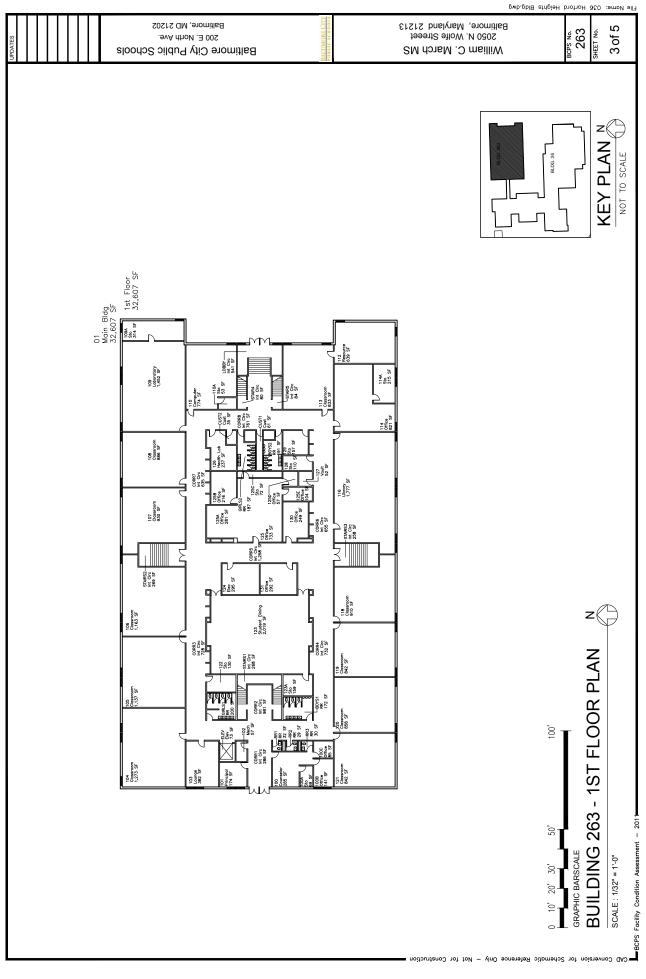


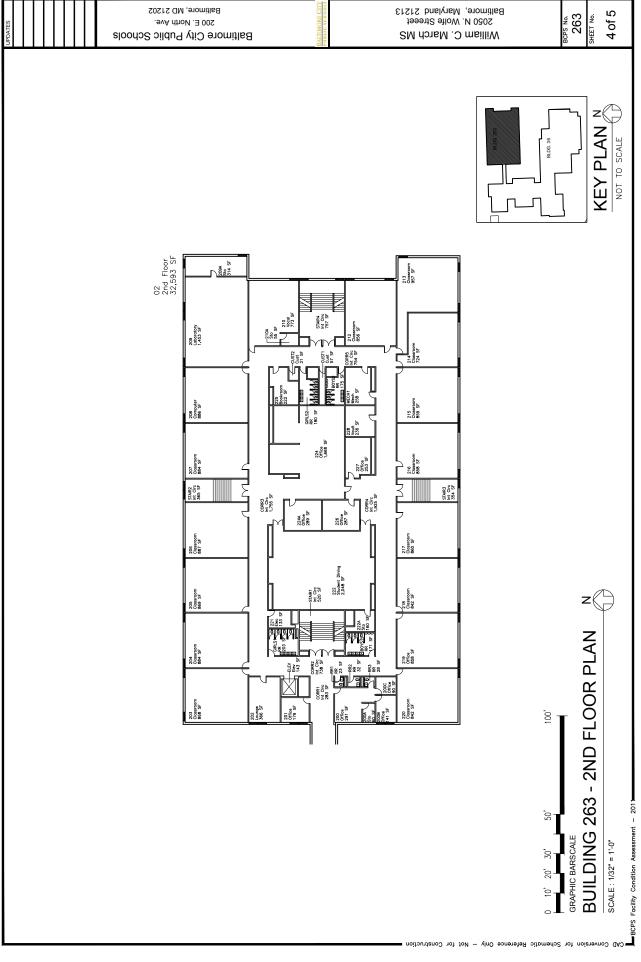












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