

# BALTIMORE CITY PUBLIC SCHOOLS EDUCATIONAL SPECIFICATIONS

## PART 3: SITE SPECIFIC EDUCATIONAL SPECIFICATIONS

FREDERICK ES #260

REVISED MARCH 25, 2015



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# PART 3

## SITE-SPECIFIC EDUCATIONAL SPECIFICATIONS SECTIONS

### Part 1: General Requirements (under separate cover)

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- A. Executive Summary
- B. City Schools' Mission
- C. City Schools' Portfolio
- D. School Safety and Security
- E. Community Use Guidelines
- F. Sustainability
- G. Instructional Technology
- H. General Design Criteria
- I. Building Design Criteria
- J. Site Design Criteria
- K. Project Specific Educational Specifications
- L. Additional Educational Specification Content

### Part 2: Prototype Specific Requirements (under separate cover)

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Volume I PK to 5 Prototype

Volume II PK to 8 Prototype

Volume III 6 to 12 Prototype

Volume IV 9 to 12 Prototype

### Part 3: Site Specific Educational Specifications (General Requirements)

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# A. PROJECT SUMMARY

# A. PROJECT SUMMARY

## A.1 Project Justification:

Frederick PK-5 #260 currently has a poor Facility Conditions Index (FCI) and Educational Adequacy Score (EAS) based on the previously completed 2010 Jacobs building assessment report. In addition, the recommended closure of Samuel F. B. Morse PK-5 #98 will affect the enrollment of the school. Frederick PK-5 #260 has a FCI of 58.7 and a EAS of 57.2. The recommended closure of Samuel F. B. Morse PK-5 #98 and the consolidation of its students into Frederick PK-5 #260 and surrounding schools will eliminate excess capacity, provide swing space during construction, and reduce maintenance and renovation costs. Implementation will begin in 2015 and will be completed by the fall of 2017. In SY 2022-23, it is anticipated that the State Rated Capacity of the building will be 605 and its projected utilization rate will be 91%.

## A.2 Project Description:

The Frederick Building is currently 47,273 square feet. The original Frederick Building was built in 1983. The new gross square footage to meet the program requirements will be approximately 79,826 square feet. Frederick's projected enrollment will be 548 by SY 2022-23. For the development of the site specific educational specification the PK - 5 prototype for an elementary school (3-section) was used for the standard.

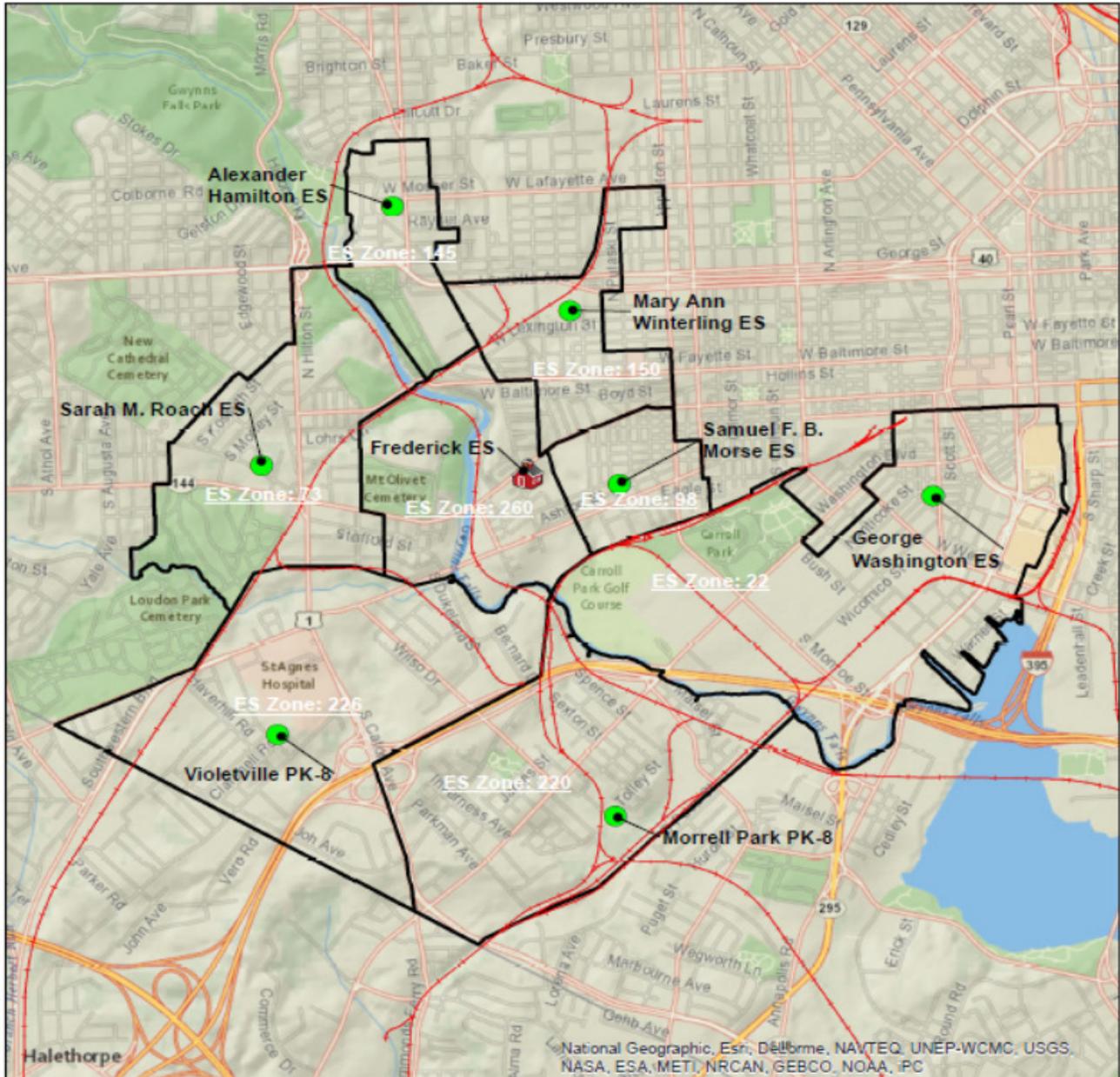
## A.3 Proposed Schedule: The items below are based on the CY 2013 10-Year Plan.

Schedule		
Task	Start	Complete
Educational Specifications	October 2013	January 2014
Feasibility Study	October 2013	January 2014
Schematic Design	June 2014	July 2014
Design Development	August 2014	December 2014
Construction Documents	January 2015	June 2015
Permitting	May 2014	July 2015
Advertise/Bid/Award	July 2014	September 2015
Construction	December 2015	June 2017
Occupancy	June 2017	August 2017

## A.4 Facility Summary:

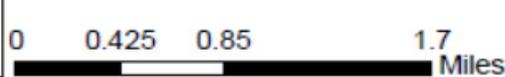
Facility Summary		
	Current	2022-23 Projected
State Rated Capacity	301	605
Full Time Enrollment	334	548
Enrollment Trend	Growing	
Relocatables	None	
Gross Square Footage	47,273	79,826

## Frederick Elementary #260



### Legend

- Frederick
- Adjacent Schools
- Rail Line
- ES Attendance Zone



## **B. PROJECT BACKGROUND**

# B. PROJECT BACKGROUND

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

The Frederick Elementary and Samuel F.B. Morse Elementary Communities are composed of the following neighborhoods: Mill Hill, Carrolton Ridge, Shipley Hill, and Carroll-South Hilton.

Frederick ES #260 is located in Community Statistical Area (CSA) #17, which consists primarily of open space/industrial/residential zoning: OS, I-2, R-8. This CSA Group showed a 11.1% decline in total population and a 3.5% decline in school aged children between 2000 and 2010. During this ten year period, the total number of residential properties decreased by 3% and the number of vacant units increased by 17.4%.

No significant revitalization and redevelopment improvements are planned and underway for CSA #17. The plans for major redevelopment in the Poppleton Community are on hold due to current market conditions. The Plan proposes approximately 1,000 new units, but the current market demand in the area may not support the housing development.

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

Constructed in 1983, Frederick Elementary is a Pre-K through 5th grade school located on the corner of Millington and Frederick Avenue in southwest Baltimore. Since its construction in 1983, Frederick ES #260 has operated as an elementary school. The school is approximately 47,273 sf on a 3.8 acre corner site. The school currently has 294 students enrolled for the 2013-2014 school year, down from 329 in 2011-2012. The student to teacher ratio is currently 17:1.

Constructed in 1979, Samuel F.B. Morse Elementary School is located at 424 S. Pulaski Street in Baltimore. The school is approximately 66,966 SF on a 1.4 acre site. The cost of repairs needed, coupled with declining enrollment and the proximity of other elementary schools has prompted BCPS to combine Samuel F.B. Morse Elementary with Frederick Elementary.

The Frederick site, at 3.8 acres, has the space necessary for possible expansion; however, the Samuel F.B. Morse site, at 1.4 acres, is too small to accommodate additional program.

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

Existing Site and Floor Plans are located in the Appendix.

Exterior:



Main Entrance off of Frederick Ave



Side lawn looking towards Parking Lot



Raised Planter Bed along Frederick Ave.



Play Structure on west side of lot



Playground areas outside of PK / K



View of site / lot towards the south



Lower Level exit adjacent to Gym



View of grounds outside of Gym exit



Mechanical equipment near Boiler Room



Sloped grade in Parking Lot



Loading Dock access within Parking Lot



Loading Dock wall in Parking Lot



East entrance to building at Parking Lot

Interior:



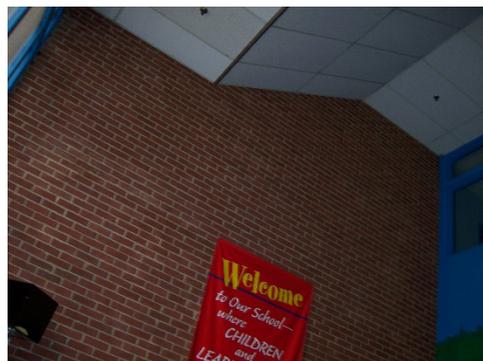
Cafeteria and seating



Cafeteria and seating



Stage located within Cafeteria



Double height volume at Main Entry



Double height volume at Main Entry



Existing Pantry space



Typical Classroom layout



Typical Classroom layout



Millwork & sinks in Classrooms



Pre-K Classroom layout



Existing Gymnasium space



Existing Gymnasium space

#### **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 Frederick is for the school program to be expanded and that both a renovation and addition be considered for the school. The rationale behind this recommendation is as follows:

- The FCI suggests that renovation or replacement should both be considered, and that a building renovation may be the more cost-effective option.
- The Frederick 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%) at 111%.
- Projected enrollment indicates the need for a possible addition to serve grades PreK-5 at Frederick, including the elementary students received from the closure of nearby Samuel F.B. Morse Elementary School. Depending on the size of this expanded program, a new, larger building or an addition as part of a renovation may be necessary to add capacity in order to meet a target utilization rate of 90 percent.

## **C. PROPOSED EDUCATIONAL PROGRAMS AND SERVICES**

## C. PROPOSED EDUCATIONAL PROGRAMS AND SERVICES

### C.1 School Grade Organization:

Frederick ES #260 is a traditional elementary school with grades Pre-K-5.

In general, the proposed renovated school will maintain a separation between the lower and upper grades that currently exists in the school. With the additional student population anticipated through the merging with Samuel F.B. Morse Elementary School, there will be three to four Classrooms per grade with some flex classrooms, at the renovated Frederick Elementary School compared to the two currently provided for at the school. 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. Grades 3, 4 and 5 will be grouped near each other to promote the social interaction and growth of the older elementary students. Grades 1 and 2 would ideally be placed in proximity to each other, as there are similar teaching methodologies and overlapping collaboration by teachers in those two grades.

Other program factors to the grade organization at Frederick Elementary School include the layouts of the Collaborative Learning Areas (CLA), 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 disperse the specials or resource type program Classrooms around the building - those being Physical Education, Music, Science, Art, Media and Computer 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).

### C.2 Proposed Curriculum:

Frederick elementary program does not contain a special curriculum need that will impact the design of the building.

### C.3 Proposed Staff:

Proposed Staff	
Position	Quantity
Psychologist	2
General Educators	26
Teacher - Special Education	2
Assistant - Instructional	1
Paraeducator	1
Paraeducator - Pre K	3
Assistant - Non-Instructional/10mth	1
Custodial Worker I/12 mth	1
Educational Associate/10mth	1
Manager I - Cafeteria	1
Principal - Elementary	1
Secretary I - School	1
Speech Pathologist	2
Teacher - Staff Developer	1
Food Services Worker I/3.5 hrs	1
Food Services Worker I/6 hrs	1
Staff Associate/10mth	1
Assistant Principal	1
Guidance Counselor	1
Librarian	1
Teacher - Physical Education	1
Teacher - Technology	1
Teacher - Music	2
Teacher - Art	1
Nurse	1
Occupational Therapist	1
Paraeducator - Special Education	2
Social Worker	2
IEP Team Associate	1

C.4 Enrollment Projections (Updated July, 2014):

Grade	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
PK	33	33	33	33	60	64	64	64	64	64	64
K	52	55	54	54	89	96	96	96	96	96	96
1	44	46	47	46	83	91	91	91	91	91	91
2	53	42	45	47	78	87	87	87	87	87	87
3	39	49	38	39	70	76	76	77	77	77	77
4	35	37	44	33	62	71	70	70	70	70	70
5	38	33	34	38	57	63	64	63	63	63	63
Total	294	297	295	291	499	549	548	548	548	548	548

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

### **Community Partners**

The Family Resource Suite, Out of School Time Support, and 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 for use by the community. A wellness suite and community gathering space are recommendations based on community member feedback. In addition, Samuel F.B. Morse, which is to close and combine with this school, currently houses a Recreation Center. Additional spaces may be required to maintain and enhance the current level of recreation services available in the surrounding Frederick neighborhood which may be housed in the Community Spaces within the Elementary School. The community spaces are to support the community outside the hours of the typical school day.

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.

### **Additional Academic Program Space:**

Fine Arts - Music, Science, and Flex Space Classrooms are currently unaccounted programs and spaces in the existing facility. A Media Center / Library exists; however, with the lack of a Media Specialist on staff appropriate Media services are unable to be provided to the students at this time.

## **F. PROPOSED SITE REQUIREMENTS**

# F. PROPOSED SITE REQUIREMENTS

## F. Proposed Site Requirements:

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

Off-street parking at Frederick Elementary School is provided in an existing lot on the east side of the building. This lot must accommodate staff, visitors and parents throughout the day. The lot is in good condition and includes 25 parking spaces including 2 handicapped spaces. Currently the existing number of parking spaces in this lot does not provide for enough parking space for every staff person at the School, and in some instances double parking and blocking in cars occurs to allow for a few extra cars to fit. On-street parking is available on the streets surrounding the school, within the allowable parking times as directed by the City.

Delivery and service vehicles use both the building access off of the east parking lot and the on-street parking lane in front of the building. At times when delivery trucks are parked in the east parking lot, often vehicles are not able to access the lot, or are blocked in by the delivery trucks as there is not a dedicated truck parking zone in that lot.

Currently most students who attend Frederick Elementary School either walk from surrounding neighborhoods or are dropped off and picked up by parents in personal vehicles. Use of City School buses is not currently a main mode of transportation.

A Baltimore City branch of Maryland Transit Authority's bus service is provided in front of the school in both the east and west bound directions of Frederick Avenue.

Accommodating additional off-street parking for the proposed staffing and visitors for Frederick Elementary school will be essential. Expanding the size of the existing parking lot may be difficult due to the site topography. Providing an auxiliary parking lot for the necessary additional required parking spaces is suggested to help relieve the demand for off-street parking.

### F.2 Service access:

Service access is currently provided within the existing parking lot on the east side of the School. This current service access layout is awkward and tight for trucks to access, especially when cars are double parked due to the limited off-street parking capacity. An additional parking lot will alleviate the parking load at this location and will allow for greater ease of access to the loading dock and trash pick-up zone in the rear of the existing parking lot.

### F.3 Vehicle and pedestrian access:

Vehicular access to Frederick Elementary occurs on Frederick Road to the north and Millington Avenue to the west. Pedestrian access to the School occurs along the same surrounding streets, but also reaches out farther into the surrounding neighborhoods, as a significant portion of students who attend Frederick Elementary school walk to school.

Currently there is not a vehicular drop off zone near the front of the School. There is an adequate exterior concrete paved area and sidewalk outside of the main entry / exit doors to the school where students and parents congregate during drop off and pick up, however the proximity to Frederick Road at the front of the building creates a hectic atmosphere. A new vehicular and pedestrian drop off area may be appropriate to reposition the location of vehicular and pedestrian access away from the busy Frederick Road traffic.

A pull-off or through loop could allow for buses and cars to drop and pick students up throughout the day in a location that would provide direct access to the Main Lobby of the school to provide security and supervision as well as temporary parking for short-term visitors, service and delivery trucks. Accessible pathways would be able to be implemented adjacent to vehicular access drives to provide level and direct connections into the building.

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

The surrounding open areas around the building include a softball field and fence, two playground and play court areas with play equipment also surrounded by low fences and set on rubberized play turf material. The two play court areas are connected by paved concrete zones which also reach out to sidewalks leading to the front of the building as well as the south western side of the site towards Millington Avenue.

The Frederick Elementary school site lot has a significant amount of open space on the southern half of the site, which extends from the eastern most to western most boundaries. The eastern edge of the property slopes down to the rear of the Westside Shopping Center, and the Lehman Street alley which bounds the property on the south is underutilized and appears to be untraveled by through traffic.

While some of the available lot size will be utilized for a building expansion and addition, incorporating and providing suitable play areas, fields / courts and open space will also be possible. Several opportunities for improvement are available including providing an outdoor basketball court for use by the School and Community; play equipment; outdoor area and connection to the elementary physical education program of the School; site lighting; enclosed fenced areas and additional security measures.

#### **F.5 Natural environmental areas:**

An existing raised planter bed exists along the north wall of the School along Frederick Road. This bed is maintained with grass and the brick walls appear to be in sound condition and serve as an edge for visitors to sit on near the main entry to the building.

Opportunities for new exterior garden plots would be possible along the west side of the building and in the open spaces on the south side of the site that would work with proposed additions and expansions to the building footprint. Creating an area for an outdoor Science Lab with direct connection to the interior Classroom would be possible and provide an environmental educational component to the curriculum. A garden plot would also be feasible if desired as well as additional landscaping along the building edges and larger trees and shrubbery providing edges to the School lot on the eastern and southern boundaries.

#### **F.6 Utilities:**

As the School was built in the early 1980's the existing on-site utilities serving the school should be in fair to good condition. The building is served by a 6" water connection and a 6" sewer connection. Both would be sufficient in their current configurations to accommodate a building addition / expansion.

The location of the existing utilities serving the school were design and likely installed in a way to allow for a building addition on the south of the building off of the Gymnasium which would allow the existing services to stay in place, hopefully avoiding any major rework or reconfigurations.

It would be recommended that additional site lighting fixtures be installed around all areas of the site to provide ample coverage and maintain a secure and well lite outdoor school environment. This could be accomplished with mid-height pole fixtures as well as adequate building mounted light fixtures.

## **F.7 Other:**

Stormwater management requirements will need to be addressed for all new construction. The stormwater management design techniques could be incorporated as an environmental literacy learning tool for the School. One option would include harvesting the rainwater from the building addition in above ground tanks or in an underground cistern, and the harvested rain water could then be used to irrigate the school garden, landscaping, and grass fields, or, could also be used in a gray water system for toilet water in the school.

Other options include installing bio retention facilities or rain garden facilities around the perimeter of the proposed auxiliary parking lot to capture and treat runoff from the paved surface. This facility could be meticulously landscaped and could also serve as an environmental literacy learning tool. Permeable pavement material for the auxiliary parking lot could also be explored as a stormwater management technique if the existing soils showed to have adequate infiltration capabilities.

Green roof areas is an option to investigate for the building addition which could serve as both an outdoor learning space and also a stormwater management technique. Although some drawbacks to implementing a green roof exist, such as the high construction cost and maintenance concerns, a green roof system would contribute to the requirements of the City's stormwater control requirements.

# I. GENERAL SCHOOL DESIGN CRITERIA

# I. GENERAL SCHOOL DESIGN CRITERIA

## I.7 Special or Unique Program Requirements:

Through discussions with the internal School Administration, Staff and local Community leaders, several special and unique program requirements have been identified for the Frederick Elementary School #260. 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.

### 01 Administrative

#### Item #1: Waiting Area

A dedicated Waiting Area was requested to be included by the School's Principal. The current function of the Main Office at Frederick ES becomes over crowded due to consistent immersion by parents and students waiting in the active zone which is also shared by Teachers and Administrators. The desired dedicated Waiting Area space would be a public area directly adjacent to the Reception desk, but separated from more private administrative space that is to be provided under the general Educational Specifications.

### 03 Teaching and Learning

#### Item #2: Flex Classrooms

Due to the anticipated enrollment of Frederick Elementary school, and the higher number of projected students concentrated between grades K-3, Flex Classrooms are included for this school program. These additional Classrooms will provide for future growth and enrollment at the School.

### 06 Fine Arts

#### Item #3: Storage

The Fine Arts program in the standard Educational Specifications is included at a size of 150 sf. Due to the anticipated program and use of the new Fine Arts Classroom which will be provided in the final building, the Storage space should be increased to 300 sf which will provide a more adequate area to house all of the supplies and materials necessary to provide arts integration into an elementary school with grades Pre-K to 5. Also, as the standard general Educational Specifications provide a Kiln in the program, added storage space for materials serving that program would be beneficial.

### 10 Media

#### Item #4: Media

The Media Room program is part of the general Educational Specifications, at a size of 1,500 sf. Increasing the size of this space to 2,000 sf in the Site Specific Educational Specifications will allow for the room to function as a multi-purpose learning space with areas for full Classroom integration, smaller reading and study areas, as well as incorporating multi-media technology and resource and reference book areas.

### 13 Community Space

#### Item #5: Family Resource Room

The Family Resource Room program is part of the general Educational Specifications, however, this space was described by the School Principal as a room that would be a large benefit to the School and Community at Frederick ES. The location of this room would ideally fall where it could be accessed simultaneously by Students, Parents, Administrators and Community members. In the Site Specific Educational Specifications, the size of this space has been increased to be able to provide for a more flexible use space, such that open seating, an area for displays of programs and outreach materials could preside, as well as possibly hold a small conference area for private conversations.

### **13 Community Space**

#### **Item #6: Pantry**

Frederick Elementary School currently has a dedicated space for the use of a Community Pantry program, which collects food and clothing donations. This program is an important quality of the Frederick Elementary School community as an opportunity to provide outreach services to the surrounding neighborhoods. This space is intended to be a larger size (200 sf) than the standard prototype pantry, and should be able to house shelving, freezers and refrigerators, and storage of boxes for collections and donations.

#### **Item #7: Mental Health Suite Office**

Proposed 250 sf to house an office for a community mental health program.

#### **Item #8: Mental Health Suite Conference Room**

Proposed 400 sf to house a conference room for a community mental health program.

#### **Item #9: Community Learning Center / Flexible Space**

Proposed 910 sf to house flexible space to support community programs.

#### **Item # 10: Recreation and Parks Kitchenette**

Proposed 300 sf to house flexible space to support community programs.

#### **Item #11: Recreation and Parks Office**

Proposed 80 sf to be used as a dedicated office for Recreation and Parks.

#### **Item #12: Recreation and Parks Storage**

Proposed 100 sf to be used as dedicated storage for Recreation and Parks.

# 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 Specifications document.

Example:

## ADMINISTRATION

**Distributed Admin | Storage**

<b>PROGRAM</b>	<i>Description</i>	Storage for administrative materials
	<i>Area Required (SF)</i>	45
	<i>Number of Users</i>	0
	<i>Adjacencies</i>	Distributed Administration (U 01.02)
<b>ARCHITECTURAL</b>	<i>Ceiling</i>	See standard specifications
	<i>Walls</i>	See standard specifications
	<i>Floor</i>	See standard specifications
	<i>Doors</i>	See standard specifications
	<i>Windows</i>	See standard specifications
	<i>Acoustics</i>	See standard specifications
<b>SYSTEMS</b>	<i>Lighting</i>	No special requirements
	<i>Audio/Visual</i>	No special requirements
	<i>Telecom/Data</i>	No special requirements
	<i>Electrical</i>	No special requirements
	<i>HVAC</i>	No special requirements
	<i>Plumbing</i>	No special requirements
	<i>Specialty</i>	No special requirements
<b>EQUIPMENT</b>	<i>Display</i>	
	<i>Casework/Millwork</i>	6 LF bookshelves
	<i>FF&amp;E (NIC)</i>	
<b>REMARKS</b>		

Key number → **U 01 02 03**

- “U” = Upper grades
- “L” = Lower grades
- “C” = Community space

- 01 = Department
- 02 = Program Area
- 03 = Space/Room

Baltimore City Public Schools

Educational Specifications

# L 01 ADMINISTRATION

## DESIGN DEVIATIONS FROM PROTOTYPE

01.01.01 Added Program: Waiting Area, 100 sf.

A dedicated Waiting Area was requested to be included by the School's Principal. The current function of the Main Office at Frederick ES becomes over crowded due to consistent immersion by parents and students waiting in the active zone which is also shared by Teachers and Administrators. The desired dedicated Waiting Area space would be a public area directly adjacent to the Reception desk, but separated from more private administrative space that is to be provided under Section 01.01.01 in the general Educational Specifications.

01.01 Main Office

		Description	Ed. Spec. Part 2/Vol. I Ref.
01	01.01	WAITING AREA	DIFFERS FROM STANDARD

Main Office | Waiting Area

<b>PROGRAM</b>	<i>Description</i>	Additional dedicated waiting area for parent, student or public visitors to the School in addition to space allotted for this use under Section 01.01.01 per request of the School Principal.
	<i>Area Required (SF)</i>	100 square feet
	<i>Number of Users</i>	6-10 total
	<i>Adjacencies</i>	General-Reception (L 01.01.01) Conference (L 01.01.02) Workroom (L 01.01.03) Main Entrance; Lobby; Circulation
<b>ARCHITECTURAL</b>	<i>Ceiling</i>	Similar to standard specification for General-Reception (L 01.01.01). Suspended acoustical ceiling tile or painted gypsum board, typ.
	<i>Walls</i>	Similar to standard specification for General-Reception (L 01.01.01). Painted gypsum wallboard over metal studs, typ.
	<i>Floor</i>	Similar to standard specification for General-Reception (L 01.01.01). Vinyl composition tile or carpet tile with resilient vinyl base
	<i>Doors</i>	None anticipated - space would be open to noted adjacent rooms
	<i>Windows</i>	None anticipated - space would be open to noted adjacent rooms
	<i>Acoustics</i>	No special requirements
<b>SYSTEMS</b>	<i>Lighting</i>	Single level switching or occupancy sensor controlled; fluorescent lighting fixtures per Code required illumination levels
	<i>Audio / Visual</i>	No special requirements
	<i>Telecom / Data</i>	No special requirements
	<i>Electrical</i>	Code minimum required duplex receptacles as needed
	<i>HVAC</i>	Connection to supply / return air system of noted adjacent rooms
	<i>Plumbing</i>	No special requirements
	<i>Specialty</i>	Life safety devices per Code requirements
<b>EQUIPMENT</b>	<i>Display</i>	No special requirements
	<i>Casework / Millwork</i>	No special requirements
	<i>FF&amp;E (NIC)</i>	1 small table 6-10 guest chairs
<b>REMARKS</b>	<i>N/A</i>	

# L 03 TEACHING AND LEARNING

## DESIGN DEVIATIONS FROM PROTOTYPE

03.01.06 Add two flex classrooms:  
Flex Classrooms are proposed to be included in this school program. Frederick Elementary School’s projected enrollment in 2022-23 is slightly larger than what is recommended in the Section 3 Pre-K - 5 Prototype. However, the projected enrollment is not large enough to characterize Frederick as a Section 4 school. The Flex Classrooms will provide space to accommodate future growth and enrollment at the School.

03.01 Classrooms

		Description	Ed. Spec. Part 2/Vol. I Ref.
03	01.06	FLEX CLASSROOM	DIFFERS FROM STANDARD

Classrooms | Flex Classroom

<b>PROGRAM</b>	<i>Description</i>	Primary learning space designed to be used by any grade as required to meet capacity
	<i>Area Required (SF)</i>	900 square feet each
	<i>Number of Users</i>	N/A
	<i>Adjacencies</i>	Classrooms (L 03.01)
<b>ARCHITECTURAL</b>	<i>Ceiling</i>	See standard specifications
	<i>Walls</i>	See standard specifications
	<i>Floor</i>	See standard specifications
	<i>Doors</i>	See standard specifications
	<i>Windows</i>	See standard specifications
	<i>Acoustics</i>	See standard specifications
<b>SYSTEMS</b>	<i>Lighting</i>	Dual switching and electronic lighting controls
	<i>Audio / Visual</i>	No special requirements
	<i>Telecom / Data</i>	No special requirements
	<i>Electrical</i>	No special requirements
	<i>HVAC</i>	No special requirements
	<i>Plumbing</i>	Sink with drinking fountain
	<i>Specialty</i>	No special requirements
<b>EQUIPMENT</b>	<i>Display</i>	16 LF markerboard w/ tack strip 8 LF tackboard 8 LF markerboard w/ tack strip
	<i>Casework / Millwork</i>	3 LF teacher wardrobe 12 LF counter / wall / base cabinets
	<i>FF&amp;E (NIC)</i>	1 teacher desk / chair 30 mobile workstations / chairs 1 work table 16 LF mobile storage
<b>REMARKS</b>	N/A	

# L 06 FINE ARTS

## DESIGN DEVIATIONS FROM PROTOTYPE

### 06 Fine Arts

The Storage room is part of the Visual Arts program is part of the Standard Ed Spec, at a size of 150sf. Increasing the size of this space to 300sf in the Site Specific Ed Spec will allow for a more adequate area to house all of the supplies and materials necessary to provide arts integration into an elementary school with grades Pre-K to 5. Also, as the standard general Educational Specifications provide a Kiln in the program, added storage space for materials serving that program would be beneficial. Added Space to Proposed Program: 06.01.02 Storage, add additional 150sf. for a total of 300sf.

06.01 Visual Art; 06.01.02 Storage

		Description	Ed. Spec. Part 2/Vol. I Ref.
06	01.02	FINE ARTS	DIFFERS FROM STANDARD

## Visual Art | Storage

<b>PROGRAM</b>	Description Area Required (SF) Number of Users Adjacencies	Storage of art studios, materials, and projects 300 0 Studio (L 06.01.01)
<b>ARCHITECTURAL</b>	Ceiling Walls Floor Doors Windows Acoustics	See standard specifications See standard specifications See standard specifications See standard specifications See standard specifications See standard specifications
<b>SYSTEMS</b>	Lighting Audio / Visual Telecom / Data Electrical HVAC Plumbing Specialty	No special requirements No special requirements No special requirements No special requirements No special requirements No special requirements No special requirements
<b>EQUIPMENT</b>	Display  Casework / Millwork  FF&E (NIC)	4 LF tackboard (near door)  9 LF tall storage cabinets 15 LF counter/wall//base cabinets 9 LF flat paper storage 6 LF mat board vertical storage 3 LF tool cabinet 1 paper roll storage cart
<b>REMARKS</b>	<ul style="list-style-type: none"> <li>• Locks on all cabinets</li> </ul>	

# L 10 MEDIA

## DESIGN DEVIATIONS FROM PROTOTYPE

The Media Room program is part of the general Educational Specification, at a size of 1,500 sf. Increasing the size of this space to 2,000 sf in the Site Specific Educational Specifications will allow for the room to function as a multi-purpose learning space with areas for full Classroom integration, smaller reading and study areas, as well as incorporating multi-media technology and resource and reference book areas.

### 10.01 Media Center

		Description	Ed. Spec. Part 2/Vol. I Ref.
10	01.01	MEDIA ROOM	DIFFERS FROM STANDARD

Media Center | Media Room

<b>PROGRAM</b>	<i>Description</i>	Central location for student research and information access; for research and presentations; for traditional print and digital materials
	<i>Area Required (SF)</i>	1200-2000 required; Site Specific Educational Specifications proposes to provide 2000 sf.
	<i>Number of Users</i> <i>Adjacencies</i>	30-60 students, 1 librarian Workroom (L 10.01.02); Storage (L 10.01.03)
<b>ARCHITECTURAL</b>	<i>Ceiling</i> <i>Walls</i> <i>Floor</i> <i>Doors</i> <i>Windows</i> <i>Acoustics</i>	High ceilings where possible Walls extend to deck See standard specifications See standard specifications See standard specifications Acoustic panels; locate away from quiet teaching and learning spaces
<b>SYSTEMS</b>	<i>Lighting</i> <i>Audio / Visual</i> <i>Telecom / Data</i>  <i>Electrical</i>  <i>HVAC</i> <i>Plumbing</i> <i>Specialty</i>	Zoned switching for multiple users and activities No special requirements Multiple teaching spaces available with technology provided for projection  Power available throughout space for portable computers and electronic devices  Separate system for year-round use No special requirements No special requirements
<b>EQUIPMENT</b>	<i>Display</i>  <i>Casework / Millwork</i>  <i>FF&amp;E (NIC)</i>	8 LF markerboard 8 LF tackboard 2 display cases 500 LF mobile low bookshelves 25 LF periodical shelving 60 LF tall perimeter bookshelves 100 LF reference 250 LF 16" slope top shelving 6 large tables w/ 6 chairs 8 tables w/ 4 chairs 6 lounge / soft seats 2 printers / copiers 24 computer stations
<b>REMARKS</b>		<ul style="list-style-type: none"> <li>• Circulation desk: workstation for 1 printer and book return with clear view of entire reading room</li> <li>• Book trucks and parking space behind circulation desk</li> <li>• Reading nook and storytelling area, no permanent risers are to be installed</li> <li>• If Media Center is open for community use, consider small presentation area with microphone</li> <li>• Space for one class: quiet work / research individual students at small tables</li> <li>• Space for one class: teaching area with projector and large tables</li> </ul>

# C 13 COMMUNITY SPACE

## DESIGN DEVIATIONS FROM PROTOTYPE

13.03 Service

		Description	Ed. Spec. Part 2/Vol. I Ref.
13	03.01	PANTRY	DIFFERS FROM STANDARD

Service | Pantry

<b>PROGRAM</b>	Description	Pantry / storage and receiving area for collection and distribution of food bank meal services for students to take home
	Area Required (SF)	200
	Number of Users	0
	Adjacencies	Main Entrance
<b>ARCHITECTURAL</b>	Ceiling	Washable acoustic tile: Health Department approved
	Walls	Semi-gloss painted or glazed tile/CMU
	Floors	Quarry tile (slip resistant) with dark grout
	Doors	Overhead door to loading area
	Windows	4' to 6' wide stainless steel overhead window with counter
	Acoustics	see standard specifications
<b>SYSTEMS</b>	Lighting	No special requirements
	Audio/Visual	No special requirements
	Telecom/Data	No special requirements
	Electrical	No special requirements
	HVAC	No special requirements
	Plumbing	Floor drain
	Specialty	No special requirements
<b>EQUIPMENT</b>	Display	4 LF tackboard
	Casework / Millwork	6 LF stainless steel counter 12 LF utility shelving, 24" deep
	FF&E (NIC)	1 6' work table and stools
<b>REMARKS</b>	Open floor area to break down deliveries into take home packages.	

# C 13 COMMUNITY SPACE

## DESIGN DEVIATIONS FROM PROTOTYPE

### 13.04 Community Space

		Description	Ed. Spec. Part 2/Vol. I Ref.
13	04.02	MENTAL HEALTH SUITE OFFICE	DIFFERS FROM STANDARD
13	04.03	MENTAL HEALTH SUITE CONFERENCE ROOM	DIFFERS FROM STANDARD
13	04.04	FLEXIBLE COMMUNITY SPACE	DIFFERS FROM STANDARD
13	04.05	RECREATION AND PARKS KITCHENETTE	DIFFERS FROM STANDARD
13	04.06	RECREATION AND PARKS OFFICE	DIFFERS FROM STANDARD
13	04.07	RECREATION AND PARKS STORAGE	DIFFERS FROM STANDARD

Community Space | Mental Health Suite Office

<b>PROGRAM</b>	Description Area Required (SF) Number of Users Adjacencies	Work space for staff member of the community mental health suite 250 1 user, 2-4 guests Mental Health Suite Conference Room (C13.04.03); Community Space
<b>ARCHITECTURAL</b>	Ceiling Walls  Floors Doors Windows Acoustics	See standard specifications One wall to have one-way viewing window/mirror to the adjacent conference room See standard specifications Provide sidelight with blind See standard specifications Walls to run to deck above for acoustic privacy
<b>SYSTEMS</b>	Lighting Audio / Visual Telecom / Data Electrical HVAC Plumbing Specialty	No special requirements No special requirements No special requirements No special requirements No special requirements No special requirements No special requirements
<b>EQUIPMENT</b>	Display Casework / Millwork FF&E (NIC)	See standard specifications See standard specifications 1 desk/chair 4 guest chairs
<b>REMARKS</b>	N/A	

Community Space | Mental Health Suite Conference Room

<b>PROGRAM</b>	Description	Meeting space for the community mental health suite
	Area Required (SF)	400
	Number of Users	5-10
	Adjacencies	Mental Health Suite Office (C13.04.02); Community Space
<b>ARCHITECTURAL</b>	Ceiling	See standard specifications
	Walls	One wall to have one-way viewing window/mirror to the adjacent office
	Floors	See standard specifications
	Doors	See standard specifications
	Windows	See standard specifications
	Acoustics	Walls to run to deck above for acoustic privacy
<b>SYSTEMS</b>	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
<b>EQUIPMENT</b>	Display	8 LF tackboard 6 LF markerboard
	Casework / Millwork	See standard specifications
	FF&E (NIC)	Conference table with 10 chairs
<b>REMARKS</b>	N/A	

## Community Space | Flexible Community Space

<b>PROGRAM</b>	Description	Flexible space able to be used for a variety of community-based activities, such as extended learning, meetings, indoor recreation and parks, etc.
	Area Required (SF)	910
	Number of Users	25-30
	Adjacencies	Community Space
<b>ARCHITECTURAL</b>	Ceiling	See standard specifications
	Walls	See standard specifications
	Floors	See standard specifications
	Doors	See standard specifications
	Windows	See standard specifications
	Acoustics	See standard specifications
<b>SYSTEMS</b>	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
<b>EQUIPMENT</b>	Display	24 LF markerboard with tack strip 4 LF tack board
	Casework / Millwork	12 LF counter/wall/base cabinets
	FF&E (NIC)	See standard specifications
<b>REMARKS</b>	Provide abundant power and data, regardless of whether Wi-Fi is present in the building, to support an adult extended learning program.	

Community Space | Recreation and Parks Kitchenette

<b>PROGRAM</b>	Description	Food storage and preparation space for Recreation and Parks staff and participants
	Area Required (SF)	300
	Number of Users	2-4
	Adjacencies	Community Space
<b>ARCHITECTURAL</b>	Ceiling	See standard specifications
	Walls	Cleanable wall coating
	Floors	Quarry tile (slip resistant) with dark grout
	Doors	See standard specifications
	Windows	See standard specifications
	Acoustics	See standard specifications
<b>SYSTEMS</b>	Lighting	No special requirements
	Audio/Visual	No special requirements
	Telecom/Data	No special requirements
	Electrical	Separate panels for kitchen equipment
	HVAC	No special requirements
	Plumbing	No special requirements
	Specialty	No special requirements
<b>EQUIPMENT</b>	Display	See standard specifications
	Casework / Millwork	See standard specifications
	FF&E (NIC)	See standard specifications
<b>REMARKS</b>	Kitchenette should include sink, countertops, storage cupboards, and standard-sized refrigerator	

Community Space | Recreation and Parks Office

<b>PROGRAM</b>	Description	Work space for Recreation and Parks staff
	Area Required (SF)	80
	Number of Users	1 user, 2 guests
	Adjacencies	Community Space
<b>ARCHITECTURAL</b>	Ceiling	See standard specifications
	Walls	See standard specifications
	Floors	See standard specifications
	Doors	Provide sidelight with blind
	Windows	See standard specifications
	Acoustics	See standard specifications
<b>SYSTEMS</b>	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
<b>EQUIPMENT</b>	Display	See standard specifications
	Casework / Millwork	See standard specifications
	FF&E (NIC)	See standard specifications
<b>REMARKS</b>	N/A	

Community Space | Recreation and Parks Storage

<b>PROGRAM</b>	Description	Storage room for materials and supplies for Recreation and Parks
	Area Required (SF)	100
	Number of Users	0
	Adjacencies	Community Space Flexible Space (C13.04.04)
<b>ARCHITECTURAL</b>	Ceiling	See standard specifications
	Walls	See standard specifications
	Floors	See standard specifications
	Doors	Solid rated door
	Windows	See standard specifications
	Acoustics	See standard specifications
<b>SYSTEMS</b>	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
<b>EQUIPMENT</b>	Display	See standard specifications
	Casework / Millwork	See standard specifications
	FF&E (NIC)	See standard specifications
<b>REMARKS</b>	N/A	

# L. SUMMARY OF SPATIAL REQUIREMENTS

# L. SUMMARY OF SPATIAL REQUIREMENTS

## Frederick Elementary School #260

EDUCATIONAL SPECIFICATION STANDARDS		SITE SPECIFIC EDUCATIONAL SPECIFICATIONS				
ROOM/SPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE
<b>01 ADMINISTRATION</b>						
<b>01.01 Main Office</b>						
01 01.01	GENERAL-RECEPTION	1	450	450	1,785	
01 01.02	CONFERENCE	1	250	250		
01 01.03	WORKROOM	1	175	175		
01 01.04	STORAGE	1	125	125		
01 01.05	SECURE STORAGE	1	75	75		
01 01.06	PRINCIPAL	1	150	150		
01 01.07	ASSISTANT PRINCIPAL	2	120	240		
01 01.08	FLEX OFFICE	2	100	200		
01 01.09	COAT CLOSET	1	20	20		
	WAITING AREA	0	0	0		
<b>01.02 Faculty Support</b>						
01 02.01	FACULTY LOUNGE	1	300	300	300	
<b>02 STUDENT SERVICES</b>						
<b>02.01 Guidance</b>						
02 01.01	OFFICE	2	100	200	675	
02 01.02	WAITING/RECEPTION	1	125	125		
02 01.03	CONFERENCE	1	350	350		
<b>02.02 Health Suite</b>						
02 02.01	WAITING AREA	1	100	100	840	
02 02.02	EXAM ROOM/TREATMENT	2	100	200		
02 02.03	STUDENT REST AREAS	2	150	300		
02 02.04	OFFICE	1	100	100		
02 02.05	STORAGE	1	40	40		
02 02.06	STUDENT TOILET	1	100	100		

Frederick Elementary School #260

SITE SPECIFIC EDUCATIONAL SPECIFICATIONS

EDUCATIONAL SPECIFICATION STANDARDS

ROOM/SPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE
<b>02.03 Support Services</b>												
					475						475	
02 03.01	PSYCHOLOGIST	1	100	100			1	100	100			
02 03.02	SOCIAL WORKER	1	100	100			1	100	100			
02 03.03	FLEX OFFICE	2	100	200			2	100	200			
02 03.04	RECORDS STORAGE	1	75	75			1	75	75			
<b>03 TEACHING AND LEARNING</b>												
<b>03.01 Classrooms</b>												
					21,000						24,700	
03 01.01	PRE-KINDERGARTEN	3	1000	3000		60	3	1000	3000			60
03 01.02	KINDERGARTEN	3	1000	3000		66	4	1000	4000			88
03 01.03	GRADES 1-2	6	900	5400		138	8	900	7200			184
03 01.04	PK-2 TOILET	12	50	600			12	50	600			
03 01.05	GRADES 3-4-5	9	900	8100		207	9	900	8100			207
03 01.06	FLEX CLASSROOM	1	900	900		23	2	900	1800			46
03 01.07	CO-TEACHING CLASSROOM	0	1100	0		0	0	1100	0			0
<b>03.02 Shared Spaces</b>												
					8,250						4,950	
03 02.01	COLLABORATIVE LEARNING AREA	5	900	4500			3	900	2700			
03 02.02	RESOURCE	5	250	1250			3	250	750			
03 02.03	TEACHER PLANNING	5	300	1500			3	300	900			
03 02.04	STORAGE	5	200	1000			3	200	600			
<b>04 SPECIAL EDUCATION</b>												
<b>04.01 General</b>												
					1,995						1,995	
04 01.01	CLASSROOM	2	900	1800		20	2	900	1800			20
04 01.02	OFFICE	1	120	120			1	120	120			
04 01.03	RECORDS STORAGE	1	75	75			1	75	75			
<b>04.02 Resource</b>												
					330						330	
04 02.01	OT/PT	1	200	200			1	200	200			
04 02.02	OT/PT STORAGE	1	80	80			1	80	80			
04 02.03	STUDENT TOILET	1	50	50			1	50	50			

Frederick Elementary School #260

EDUCATIONAL SPECIFICATION STANDARDS | SITE SPECIFIC EDUCATIONAL SPECIFICATIONS

ROOM/SPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE
<b>05 SCIENCES</b>												
<b>05.01 Elementary Science</b>												
05 01.01 LAB	0	1	900	900	1,000		1	1	900	900	1,000	
05 01.02 STORAGE	1	1	100	100			1	1	100	100		
<b>06 FINE ARTS</b>												
<b>06.01 Visual Art</b>												
06 01.01 STUDIO	0	1	1000	1000	1,250		1	1	1000	1000	1,400	
06 01.02 STORAGE	1	1	150	150			1	1	300	300		
06 01.03 KILN	1	1	100	100			1	1	100	100		
<b>06.02 Music</b>												
06 02.01 LARGE REHEARSAL	0	1	1000	1000	2,150		1	1	1000	1000	2,150	
06 02.02 SMALL REHEARSAL	1	1	850	850			1	1	850	850		
06 02.03 STORAGE	2	2	150	300			2	2	150	300		
<b>08 TECHNOLOGY EDUCATION</b>												
<b>08.01 Technology Education</b>												
08 01.01 LAB	0	1	900	900	980		1	1	900	900	980	
08 01.02 SUPPLY STORAGE	1	1	80	80			1	1	80	80		
<b>09 PHYSICAL EDUCATION</b>												
<b>09.01 Physical Education</b>												
09 01.01 GYMNASIUM	1	1	4000	4000	4,400		1	1	4000	4000	4,400	
09 01.02 OFFICE	0	1	150	150			1	1	150	150		
09 01.03 GYM STORAGE	1	1	250	250			1	1	250	250		

Frederick Elementary School #260

EDUCATIONAL SPECIFICATION STANDARDS		SITE SPECIFIC EDUCATIONAL SPECIFICATIONS				
ROOM/SPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE
<b>10 MEDIA</b>						
<b>10.01 Media Center</b>						
10 01.01 MEDIA ROOM	0	1	1500	1500	2,050	2,550
10 01.02 WORKROOM		1	150	150		2000
10 01.03 STORAGE		1	200	200		150
10 01.04 HEAD END ROOM		1	200	200		200
<b>11 FOOD SERVICES</b>						
<b>11.01 Dining</b>						
11 01.01 DINING		1	2800	2800	4,075	2800
11 01.02 FURNITURE STORAGE		1	225	225		225
11 01.03 STAGE		1	900	900		900
11 01.04 STAGE STORAGE		1	150	150		150
<b>11.02 Food Service</b>						
11 02.01 KITCHEN		1	600	600	2,135	600
11 02.02 SERVING		3	225	675		675
11 02.03 OFFICE		1	80	80		80
11 02.04 WALK-IN FREEZER		1	125	125		125
11 02.05 WALK-IN CHILLER		1	125	125		125
11 02.06 DRY STORAGE		1	150	150		150
11 02.07 DISH ROOM / TRAY RETURN		1	200	200		200
11 02.08 SOAP STORAGE		1	30	30		30
11 02.09 CAN WASH		1	50	50		50
11 02.09 LOCKER / TOILET		1	100	100		100

**Frederick Elementary School #260**

**EDUCATIONAL SPECIFICATION STANDARDS**

**SITE SPECIFIC EDUCATIONAL SPECIFICATIONS**

ROOMSPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE
<b>12 BUILDING SERVICES</b>												
<b>12.01 Maintenance/Operations</b>												
				200	1,210					200	1,210	
12 01.01	RECEIVING	1	200	200			1	200	200	200		
12 01.02	CENTRAL STORAGE	1	150	150			1	150	150	150		
12 01.03	OPERATIONS OFFICE	1	100	100			1	100	100	100		
12 01.04	LOCKERS/SHOWERS/TOILETS	1	120	120			1	120	120	120		
12 01.05	SECURITY OFFICE	1	100	100			1	100	100	100		
12 01.06	CUSTODIAL CLOSETS	4	60	240			4	60	240	240		
12 01.07	RECYCLING	1	200	200			1	200	200	200		
12 01.08	OUTDOOR STORAGE	1	100	100			1	100	100	100		
<b>12.02 Toilet</b>												
12 02.01	STAFF TOILET	6	50	300			6	50	300	300		
<b>13 COMMUNITY SPACE</b>												
<b>13.01 Family Resource Suite</b>												
				150	280					150	280	
13 01.01	FAMILY RESOURCE ROOM	1	150	150			1	200	200	200		
13 01.02	OFFICE	1	80	80			1	80	80	80		
13 01.03	TOILET	1	50	50			1	50	50	50		
<b>13.02 Out of School Time Support</b>												
				100	230					100	230	
13 02.01	STORAGE	1	100	100			1	100	100	100		
13 02.02	PANTRY	1	50	50			1	50	50	50		
13 02.03	OFFICE	1	80	80			1	80	80	80		
<b>13.03 Service</b>												
				80	280					80	280	
13 03.01	PANTRY	1	80	80			1	200	200	200		
13 03.02	PERSONAL CARE	1	100	100			1	100	100	100		
13 03.03	LAUNDRY	1	100	100			1	100	100	100		

Frederick Elementary School #260

		EDUCATIONAL SPECIFICATION STANDARDS				SITE SPECIFIC EDUCATIONAL SPECIFICATIONS						
ROOM/SPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE
<b>13.04 Unassigned Community</b>												
13 04.01	UNASSIGNED COMMUNITY	0	0	0	0		1			0	2,040	
	MENTAL HEALTH SUITE											
13 04.02	OFFICE						1	250	250			
	MENTAL HEALTH SUITE											
13 04.03	CONFERENCE ROOM						1	400	400			
	COMMUNITY LEARNING											
13 04.04	CENTER / FLEXIBLE SPACE						1	910	910			
	RECREATION AND PARKS											
13 04.05	KITCHENETTE						1	300	300			
13 04.06	REC AND PARKS OFFICE						1	80	80			
13 04.07	REC AND PARKS STORAGE						1	100	100			
<b>Total Capacity</b>												
<b>Total Teaching Stations</b>				<b>24</b>							<b>28</b>	
<b>Total Net Square Footage</b>				<b>55,890</b>							<b>59,250</b>	
<b>TOTAL GROSS AREA</b>		<b>1.34 X</b>		<b>74,893</b>							<b>79,826</b>	
<b>Elementary School Capacity</b>												
Elementary School Capacity				494							585	
Special Education				20							20	
<b>TOTAL SCHOOL CAPACITY</b>				<b>514</b>							<b>605</b>	

# M. APPENDIX

Existing Site:



**LEGEND**

- EXISTING WATER — W —
- EXISTING SEWER — SS —
- EXISTING SD — SD —
- EXISTING ELECTRIC — E —
- EXISTING GAS — GAS —
- EXISTING CONTOUR — 100 —
- PROPOSED CONTOUR — 190 —
- ADJACENT LOT LINE — - - - -
- PROPERTY LINE — - - - -

**EXISTING SITE PLAN**  
**FREDERICK ELEMENTARY SCHOOL**  
 2501 FREDERICK AVE.  
 WARD 20, SECTION 08, BLOCK 2145A, LOT 001  
 BALTIMORE CITY, MARYLAND

Drawn By: SEP  
 Date: NOVEMBER, 2013  
 Checked: KMW  
 Project Manager: KMW  
 Scale: 1"=40'  
 Date: 11-03-13  
 Dwg: 13-0031.01.P501

Date	No.	Comment

REVISION NOTES

PROFESSIONAL ENGINEER: I have reviewed this plan and find it to be in accordance with the requirements of the State of Maryland. I am a duly licensed Professional Engineer, License No. 36858. Date: 11/03/13.

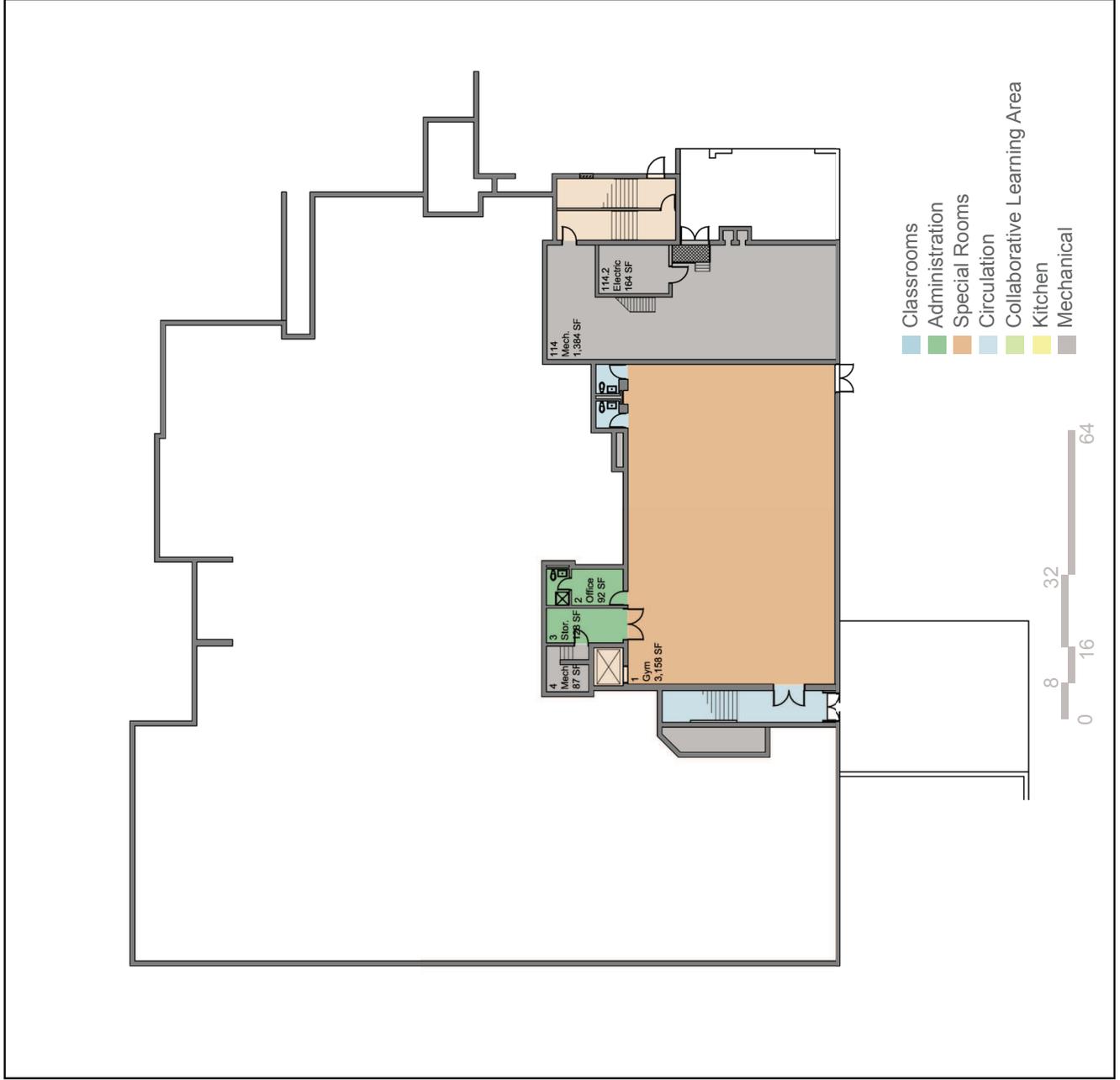
**PHOENIX ENGINEERING, INC.**

305 INTERNATIONAL CIRCLE  
 SUITE 100  
 HUNT VALLEY, MD 21030  
 PHOENIX, MD 21030  
 PHONE: 410-539-4300  
 FAX: 410-539-4300  
 WWW.PHOENIX-ENG.COM



ARCHITECT:  
 MARKS, THOMAS ARCHITECTS  
 1414 KEY HIGHWAY, 2ND FLOOR  
 BALTIMORE, MD 21202  
 410-539-4300

Existing Ground Floor:





Existing Second Floor:

