

BALTIMORE CITY PUBLIC SCHOOLS EDUCATIONAL SPECIFICATIONS

PART 3: SITE SPECIFIC EDUCATIONAL SPECIFICATIONS

FORT WORTHINGTON K-8 #85

REVISED MARCH 10, 2015



PREPARED BY: GRIMM & PARKER INC. AND CITY SCHOOLS STAFF

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PART 3

SITE-SPECIFIC EDUCATIONAL SPECIFICATIONS SECTIONS

Part 1: General Requirements (under separate cover)

- 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)

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)

A.	Project Summary	1
B.	Project Background	4
C.	Project Educational Programs and Services	11
D.	General Project Design Criteria (Optional)	16
E.	Existing Site Conditions (Optional)	18
F.	Proposed Site Requirements	20
G.	Existing Building Systems Conditions (Optional)	-
H.	Proposed Building Systems Requirements (Optional)	-
I.	General School Design Criteria (Optional)	22
J.	Individual Space Descriptions	-
K.	Graphic Summary of Spatial Relationships (Optional)	-
L.	Summary of Spatial Requirements	24

SITE SPECIFIC EDUCATIONAL SPECIFICATIONS

TABLE OF CONTENTS

A. PROJECT SUMMARY.....1	F. PROPOSED SITE REQUIREMENTS.....20
1. PROJECT JUSTIFICATION	1. PARKING — BUS, CAR, DELIVERY, SERVICE, STAFF, VISITOR
2. PROJECT DESCRIPTION	2. SERVICE ACCESS
3. PROPOSED SCHEDULE	3. VEHICLE AND PEDESTRIAN ACCESS
4. FACILITY SUMMARY	4. PLAYING FIELDS/COURTS/YARDS
5. LOCATION MAP	5. NATURAL ENVIRONMENTAL AREAS
	6. UTILITIES
B. PROJECT BACKGROUND.....4	7. OTHERS
1. COMMUNITY DESCRIPTION AND HISTORY	G. EXISTING BUILDING SYSTEMS CONDITIONS (NOT INCLUDED)
2. SCHOOL DESCRIPTION AND HISTORY	
3. EXISTING SITE PLANS, FLOOR PLANS, AND PHOTOGRAPHS	H. PROPOSED BUILDING SYSTEMS REQUIREMENTS (NOT INCLUDED)
4. SUMMARY OF RECENT FEASIBILITY STUDIES OR ASSESSMENTS	
C. PROPOSED EDUCATIONAL PROGRAMS AND SERVICES.....11	I. GENERAL SCHOOL DESIGN CRITERIA.....22
1. SCHOOL GRADE ORGANIZATION	7. SPECIAL OR UNIQUE PROGRAMS REQUIREMENTS
2. PROPOSED CURRICULUM AND INSTRUCTIONAL METHODS AND TRENDS	
3. PROPOSED STAFFING	J. INDIVIDUAL SPACE DESCRIPTIONS (NOT INCLUDED)
4. ENROLLMENT PROJECTIONS	
5. FUTURE PROGRAMS AND SERVICES	K. GRAPHIC SUMMARY OF SPATIAL RELATIONSHIPS (NOT INCLUDED)
D. GENERAL PROJECT DESIGN CRITERIA.....16	
8. PHASING REQUIREMENTS	L. SUMMARY OF SPATIAL REQUIREMENTS.....24
E. EXISTING SITE CONDITIONS.....18	1. NAME OF SPACE
1. PARKING — BUS, CAR, DELIVERY, SERVICE, STAFF, VISITOR	2. EXISTING/PROPOSED QUANTITY
2. SERVICE ACCESS	3. EXISTING/PROGRAMMED AREA OF BUILDING IN NET SQUARE FEET
3. VEHICLE AND PEDESTRIAN ACCESS	4. TOTAL EXISTING/PROGRAMMED AREA OF BUILDING IN NET SQUARE FEET
4. PLAYING FIELDS/COURTS/YARDS	5. EXISTING/PROPOSED BUILDING EFFICIENCY (NSF/GSF)
5. NATURAL ENVIRONMENTAL AREAS	6. TOTAL EXISTING/PROPOSED BUILDING AREA IN GROSS SQUARE FEET

*Sections not included are provided in the school specific feasibility study.

A. PROJECT SUMMARY

A. PROJECT SUMMARY

A.1 Project Justification:

Fort Worthington ES #85 currently has a poor Facility Conditions Index (FCI) and Educational Adequacy Scores (EAS) based on the previously completed 2010 Jacobs building assessment report. In addition, the approved amendment to the 21st Century Building Plan has Lakewood #86 Early Learning Center remaining open for PK-K students, and Dr. Raynor Browne PK-8 #25 closing. These changes will affect the enrollment of the school. Fort Worthington ES #85 has a FCI of 104.3 and an EAS of 60.9. Fort Worthington ES #85 currently serves students up to grade 5, but additional capacity will be necessary to accommodate students from Dr. Rayner Browne PK-8 #25. The consolidation of Dr. Rayner Browne PK-8 #25 students into Fort Worthington ES #85 will eliminate excess capacity, provide swing space during construction and reduce maintenance and renovation costs area wide. Implementation will begin in 2014 and the project will be complete by year 2017. In SY 2022-23 Fort Worthington K-8 #85 SRC will be 700, with the additional students from Dr. Rayner Browne PK-8 #25 its projected utilization rate will be 87%.

A.2 Project Description:

The Fort Worthington Building is currently 75,603 square feet. The original Fort Worthington Building was built in 1964. The new gross square footage to meet the program requirements will be approximately 102,347 square feet. Fort Worthington's projected enrollment will be 611. For the development of the site specific educational specification the PK - 8 prototype for an elementary school (4-section) was used for the standard.

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

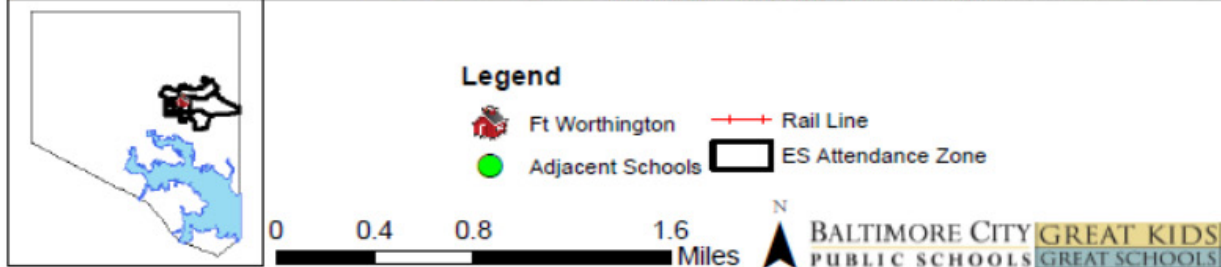
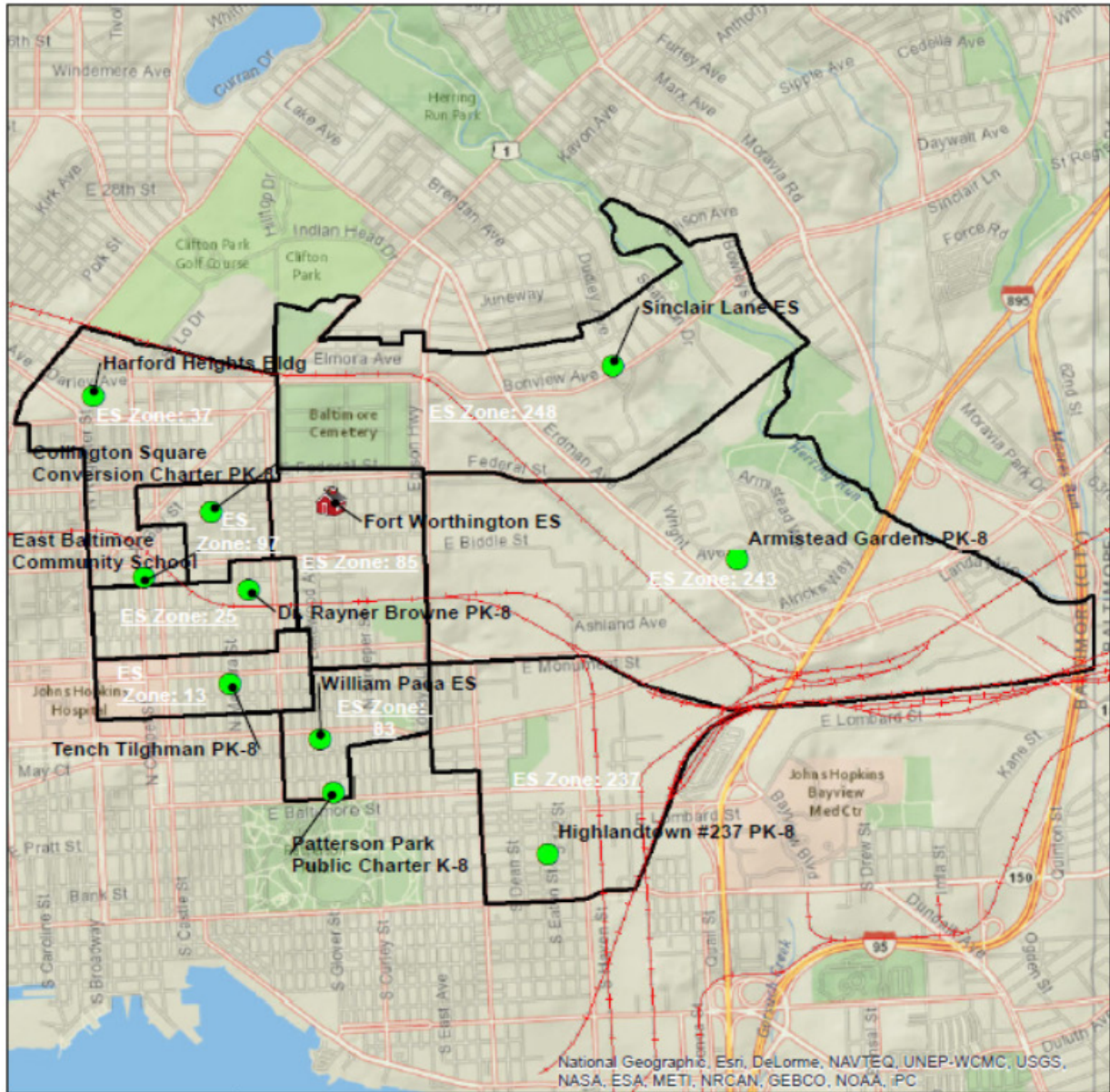
Schedule		
Task	Start	Complete
Educational Specifications	October 2013	January 2014
Feasibility Study	October 2013	January 2014
Schematic Design	June 2014	July 2014
Design Development	August 2014	December 2014
Construction Documents	January 2015	June 2015
Permitting	May 2014	July 2015
Advertise/Bid/Award	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	434	700
Full Time Enrollment	349	611
Enrollment Trend	Growing	
Relocatables	None	
Gross Square Footage	75,603	102,347

A.5 Location Map:

Ft. Worthington #85



B. PROJECT BACKGROUND

B. PROJECT BACKGROUND

B.1 Community Description and History:

Fort Worthington Elementary School is centrally located within the Berea community, which is located in the east district of Baltimore. The community's boundaries are formed by Milton Avenue to the east, Edison Highway to the west, Biddle Street to the north, and Sinclair Lane to the south. The Baltimore Cemetery occupies the northern half of the neighborhood while the southern half consists of attached single family row homes, most of which were built prior to 1960.

Fort Worthington #85 is also located in Community Statistical Area (CSA) #8, which consists of office/ industrial/residential zoning: O-S, I-2, R-6 and R-8. This CSA Group experienced a 17% decline in total population and a 7.4% decline in households with children under 18 between 2000 and 2010. The median sale price for homes dropped by 58% and the number of vacant units increased significantly to 25% between 2000 and 2010.

Significant revitalization and redevelopment projects are planned for CSA #8. Monument-McElderry-Fayette Revitalization Plan was adopted by the Planning Commission in Spring 2007. The Monument Street Main Streets Program is also located in this area. Baltimore Development Corporation has led a planning redevelopment study in conjunction with the Department of Planning and Baltimore Housing to begin identifying possible redevelopment opportunities and consequent strategies for the industrial properties and derelict properties in the neighborhood.

B.2 School Description and History:

Since its construction in 1964, Fort Worthington #85 operated as an elementary school, located on East Oliver Street between Kenhill and North Lakewood Avenue. The original building was constructed in 1964. The entire structure totals 75,427 square feet in area and has a current enrollment of 349. The building consists of a single story, brick-clad wing which contains the Cafeteria/Auditorium, Gymnasium, Recreation and Parks rooms and utility spaces and a connecting three-story classroom wing. This three-story wing comprises a main floor at entrance level, an upper level and also a lower level that is partially buried by grade. Fenestration on this classroom wing is primarily curtainwall system with infill panels running horizontally at the floor slabs.

The site slopes over ten feet to the east but utilizes a retaining wall to the south of the building to maintain a level paved playing and parking surface at the back of the school on the same level as the main entry. The site is almost entirely paved for parking and hard play aside from a small grassy area surrounding a soft play yard at the southwest corner of the building.

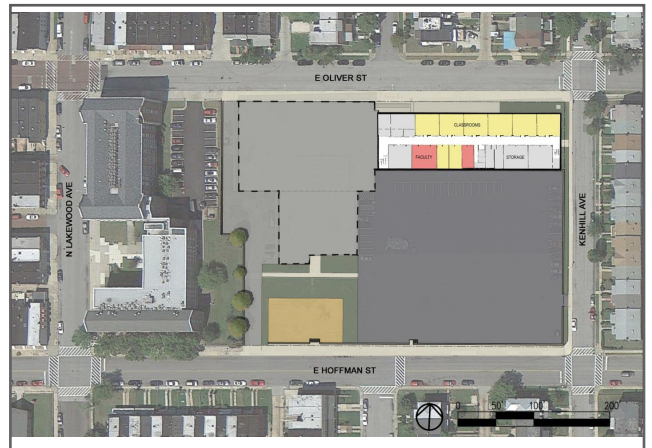
Fort Worthington refers to all of their students as 'scholars', reflecting the high expectations of excellence they maintain for all of the young people who attend. As part of their mission "to create an environment that fosters ...high student achievement", the school promotes family and community engagement as an essential tool in support of this goal. Understanding the many needs that face their community at large, the school provides services and support not only for the students that attend Fort Worthington, but also for their families and surrounding community members as well. Supporting, bringing together and engaging the community in many varied efforts that include hot meals, block parties and organized sporting events, the school works hard to be the heart of the community.

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

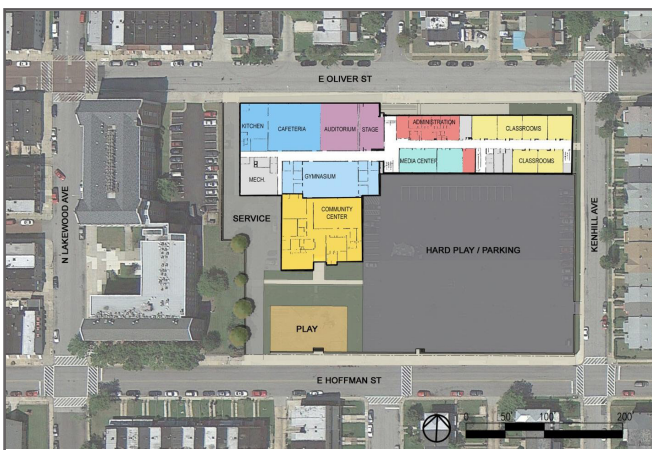
Existing Site:



Existing Site Plan



Existing Lower Level



Existing Main Level



Existing Upper Level

Exterior:



East Oliver Street View



Main Entrance



Service Drive off E. Oliver



Recreation Center Playground



Recreation Center Entrance



Rear View of Classroom Bar



Rear of Site Facing E. Hoffman St.



View Along Kenhill Ave.

Interior:



Main Entrance



View of Corridor Towards Gym and Cafeteria



Typical Classroom



Typical Classroom Facing Entry Door



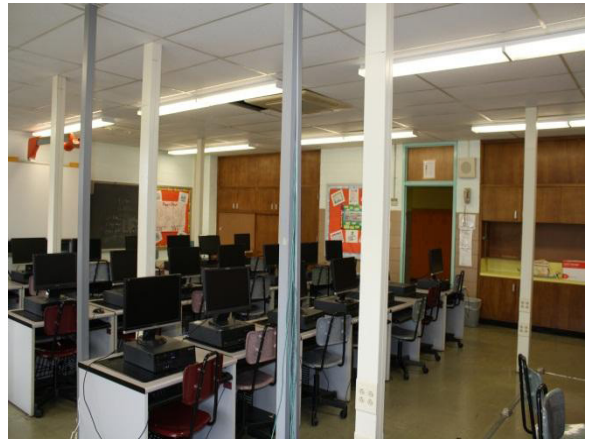
View of Stage from Cafeteria



Gymnasium



Cafeteria



Computer Lab

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 Fort Worthington is for the school program to be expanded and that both a renovation and replacement be considered for the school. The rationale behind this recommendation is as follows:

- The FCI suggests that both renovation and replacement be considered, and that replacement may be the most cost-effective option.
- The Fort Worthington building falls below the targeted EAS of 80 for buildings used for instruction in the district, and therefore, does not meet the standard for supporting excellent teaching and learning.
- The school does meet the acceptable utilization rate for City Schools' buildings at 66%.
- Projected enrollment trends in the community and plans for the surrounding schools suggest a need for an expanded program to serve grades K to 8 at Fort Worthington. Depending on the size of the expanded program, a new, larger building or an addition as part of renovation of the existing building may be necessary to add capacity 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:

Fort Worthington #85 is a traditional City Schools-ran elementary school with grades 1-5. The new Fort Worthington School will house classrooms for students in kindergarten through eighth grade. The adjacent Lakewood Early Learning Center #86 will serve students grades PK-K in the community. Based upon enrollment projections, it is anticipated that providing three to four classrooms per grade, spanning from 3 year olds to eighth grade, will adequately serve the community's needs. The intent is to accommodate this capacity requirement by providing for kindergarten students at both facilities, Lakewood and Fort Worthington, with most kindergarten students attending Lakewood. Upon completing kindergarten or pre-kindergarten, students will move to Fort Worthington.

C.2 Proposed Curriculum:

Fort Worthington ES #85 program does not provide a special curriculum need that will impact the design of the building.

C.3 Proposed Staff:

Proposed Staff	
Position	Quantity
Librarian	1
General Educators	32
Teacher - Special Education	3
Special Education Paraeducator	3
Assistant - Non-Instructional/10mth	2
Custodial Worker I/12 mth	2
Custodial Worker II	1
IEP Team Associate	1
Manager I - Cafeteria	1
Principal	1
Secretary II - School	1
Social Worker	2
Speech Pathologist	3
Food Services Worker I/6 hrs	2
Guidance Counselor	2
Assistant Principal	2
Psychologist	1
Teacher - Physical Education	1
Teacher - Technology	1
Teacher - Music	2
Teacher - Art	1
Nurse	1
Team Support Paraprofessional	1
Occupational Therapist	1
Paraeducator	1

C.4

Enrollment Projections (SY13-14 adjusted Nov. 2013):

Grade	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
PK	0	0	0	0	0	0	0	0	0	0	0
K	0	0	80	79	58	57	74	74	74	74	74
1	54	66	92	89	92	91	84	84	84	84	84
2	69	50	88	84	82	85	77	77	78	77	77
3	45	60	67	75	74	72	74	73	73	73	73
4	61	41	69	57	65	64	62	63	63	63	63
5	49	58	60	65	55	63	61	60	61	61	61
6	0	0	27	61	66	55	63	59	58	59	59
7	0	0	19	29	0	66	56	64	60	59	61
8	0	0	28	18	0	0	65	55	63	59	59
Total	278	274	529	558	491	552	615	610	614	610	611

C.5 Future Programs and Services:

Academic Program Partners

Fort Worthington currently has a partnership with Johns Hopkins that supports the STEM Achievement in Baltimore Elementary Schools (SABES) program. The school also maintains partnerships with other area agencies such as the National Great Blacks in Wax Museum, Schuster Concrete, MECU, Kathryn's Kloset, Hope Health Systems and the Berea Community Association.

Interest was expressed in having a dedicated, on-site workshop or 'Builder's Lab' for activities and programs currently being run by, and at Schuster Concrete.

Community Partners

The Fort Worthington School not only provides resources for its students, but for their families as well. There is a need for expanded community resource program areas at Fort Worthington. Parents and families go to the school seeking legal services, social services, etc. and need a dedicated and controlled space to receive these services. Based upon these needs, Fort Worthington has also been identified as a potential location for the Center for Urban Families to serve the greater community.

Fort Worthington also runs its own activities outside of school hours, including providing hot meals/snacks to students and community members.

Recreation and Parks Partners

Recreation and Parks currently operates a rec center on this site in a wing which is connected to the school on the south side of the building. This recreation facility operates separately from the school and has a dedicated access point to their space. Programs offered include step/dance, tae kwon do, arts and crafts, as well as various other general activities.

To continue support for these program offerings in the new project, while it is not required to provide dedicated activity rooms for Recreation and Parks, the program does need to have access to large program spaces such as the Cafeteria and/or Gym and would benefit from access to an art classroom. A separate storage room will be necessary for Recreation and Park's programs materials, as well as a pantry for snack foods. A conference room and 1-2 offices are also needed for general operations.

D. GENERAL PROJECT DESIGN CRITERIA

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D. General Project Design Criteria

D.8 Phasing Requirements:

Development of the Fort Worthington School will involve either a renovation/addition project or a replacement school. In both cases, the existing school program will remain in operation on site during construction. This will require careful planning and sequencing of construction operations to ensure that delivery of the educational program is not impacted and that students, faculty and administrators are safe. In the case of a renovation/addition project, the goal will be to separate sections of the existing building in sequence to allow renovation work to occur in phases. In the case of a replacement school, the existing community center can be demolished initially, providing adequate area to construct the new facility along the south side of the site while the existing school remains occupied.

E. EXISTING SITE CONDITIONS

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E. Existing Site Conditions

Fort Worthington occupies a 4.5-acre parcel in east Baltimore, one block south of the Baltimore Cemetery. On the western side, the school is adjacent to Berea Apostolic Apartments. The parcel is rectangular and has the original 1964 structure situated along the north side, close to Oliver Street. There is also a connected structure, the Fort Worthington Recreation Center and Free Library, attached to the south side of the school.

E.1 Parking -Bus, Car, Delivery, Service, Staff, Visitor:

The primary school entrance is on the northern façade facing Oliver Street. The front entrance is located above grade, accessed only by stairs.

E.2 Service Access:

The service drive is accessed from Oliver and East Hoffman Street along the western side of the building. A chain link fence and gate block through traffic from crossing the site via the alley. There is also an interior parking lot that doubles as a paved play area that is accessed from Kenhill Avenue.

E.3 Vehicle And Pedestrian Access:

Unobstructed pedestrian access is provided to the building from the Oliver Street sidewalk and along Kenhill Avenue. The southern parking area has chain-link fencing surrounding the lot with a vehicular gate from Kenhill Avenue and one pedestrian opening on the Hoffman Street side. In the playground area there is a concrete staircase connecting the playground to the sidewalk, but this access is blocked by relatively new fencing that has been attached to the older existing fence at the sidewalk level.

ADA accessibility to the existing facility occurs from the south side of the building, where the paved parking area is at grade with the entrance doors. Additionally, along the Oliver Street side, a short ramp is provided for accessibility from the sidewalk.

E.4 Playing Fields/Courts/Yards:

The primary playground equipment is located in a mulched area on the western side of the school. The equipment appears to be in reasonably good condition even though the swing set has a few broken seats. Also, the tire swing has become detached in a couple of places. There are a few bench locations in the playground yard so there is some seating available. However, the seating is fully exposed and has no shade.

E.5 Natural Environmental Areas:

There is very little vegetation on the property. On the Oliver Street side (the ‘front yard’ of the school) there is a thin strip of grass and a small patch of various low-growing plants. There are no street trees along the Oliver Street, Kenhill Avenue, or Hoffman Street frontages. The only trees near the school are on the neighboring property for Berea Apostolic Apartments and across the streets on the residential properties.

The topography for the school property generally slopes downward to the northeast. The elevation ranges from 150 down to 136, with contours indicating roughly 10 to 12 feet of vertical change across the entire parcel. The high point is along the southern side, near East Hoffman Street. The low point is in the northeast corner at the intersection of East Oliver Street and Kenhill Avenue. There are no significant mounds/berms on the site, however, the large asphalt parking area behind the school is a few feet below the elevation of East Hoffman Street. Even though there is a low retaining wall defining the depressed asphalt surface along East Hoffman Street at the southern property edge, the Kenhill Avenue side has a retaining wall that is actually keeping the parking lot elevated. The entire parking area was graded into the natural topography in an attempt to balance the cut/fill needs for an asphalt lot.

F. PROPOSED SITE REQUIREMENTS

F. PROPOSED SITE REQUIREMENTS

F. Proposed Site Requirements

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

- A drop-off lane for 5 buses is required.
- Parking is required for 35-40 cars. Green space is valued over parking count.
- Separation between vehicular and pedestrian circulation will be provided.

F.2 Service Access:

A loading area for small truck deliveries will be provided.

F.3 Vehicle and Pedestrian Access:

Pedestrians approach the school property from all sides of the site. Clear pathways will be provided.

F.4 Playing Fields/Courts/Yards:

- Two separate play areas with structures should be provided on site.
- The project will attempt to maximize the amount of field play area provided. All green / play space will be secured with a lockable perimeter fence.

F.5 Natural Environmental Areas:

- Due to restricted space on the site, opportunities will be considered for providing outdoor learning via other building opportunities such as roof top gardens and terraces.

F.6 Utilities:

- Fixture counts and usage rates will help MEP engineers determine whether the existing water and sanitary services are adequately sized to accommodate expansion.
- Kitchen facilities typically require grease traps on the sanitary lines, so any expansion impacting the cafeteria may require some adjustment or change to the sanitary system.
- If electric service loads increase, then Baltimore Gas and Electric will help determine if the expansion warrants an additional transformer or switchgear on the site.
- Baltimore Gas and Electric will also be a significant consultant for any proposed gas service line size upgrades or pressure changes.
- The location of electric and gas meters may change depending upon the nature of the expansion.
- Site lighting upgrades may require conduit installed underground to new fixtures if photometric studies indicate the need for additional illumination.
- Any expansion should involve Verizon or Comcast regarding telecommunications services, including internet capacity issues or the location of new pedestals (if necessary).

F.7 Other:

- In order to achieve compliance with the Maryland Department of the Environment (MDE) stormwater management regulations (as administered by the City of Baltimore), the expansion project will likely be required to reduce the amount of existing impervious surface. If the impervious surface cannot be reduced enough to meet the prescribed threshold, then designers must introduce Environmentally Sensitive Devices ("ESD") such as micro-bioretenention facilities, rain gardens, or bioswales in order to satisfy MDE criteria.

I. GENERAL SCHOOL DESIGN CRITERIA

I. GENERAL SCHOOL DESIGN CRITERIA

I. General School Design Criteria

- A shared entrance vestibule between the school Administration and the Community Resource area is desired. Visitors would be granted access into a secured vestibule where they would then buzz into the school's Administrative Office or into the Community Resource space by personnel.
- Storage for Recreation and Parks should be located adjacent to the Art classroom for out of school time program materials.
- The Office, Panty, and Storage spaces allocated for community use should be located adjacent to the Gym.
- The dining room has been dedicated for after-hours community use. Wi-Fi and computer access will be provided in this space.

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 Fort Worthington PK-8 #85. 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 with a brief description.

LIST BY ITEM NUMBERS

Item #1: Mental Health Suite Office

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

Item #2: Mental Health Suite Conference Room

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

Item #3: Community Learning Center / Flexible Space

Proposed 980 sf to house flexible space to support community programs.

Item #4: Partner Storage

Proposed 100 sf to be used for dedicated partner programs after school program storage.

Item #5: Recreation and Parks Office

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

Item #6: Recreation and Parks Kitchenette

Proposed 300 sf to serve as a kitchen space for Recreation and Parks.

Item #7: Recreation and Parks Storage

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

LIST BY DEPARTMENT

13 COMMUNITY SPACE

13.04 Community Space

Added program: Mental Health Suite Office, 250 SF (1)

Explanation: The proposed 250 sf will house an office for a community mental health suite.

Added program: Mental Health Suite Conference Room, 400 SF (1)

Explanation: The proposed 400 sf will house a conference room for a community mental health suite.

Added program: Community Learning Center / Flexible Space, 980 SF (1)

Explanation: The proposed 980 sf will be flexible space to support a variety of community programs.

Added program: Partner Storage, 100 SF (1)

Explanation: The proposed 100 SF will be used for dedicated storage for after school programs that are provided by school partners.

Added program: Recreation and Parks Office, 80 SF (1)

Explanation: The proposed 80 sf will be used as a dedicated office for Recreation and Parks.

Added program: Recreation and Parks Kitchenette, 300 SF (1)

Explanation: The proposed 300 sf will serve as a small kitchen space for Recreation and Parks.

Added program: Recreation and Parks Storage, 100 SF (1)

Explanation: The proposed 100 SF will be used for 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 approved Educational Specifications document.

Example:

ADMINISTRATION			Key number → U 01 02 03				“U” = Upper grades “L” = Lower grades “C” = Community space
Distributed Admin Storage			01 = Department 02 = Program Area 03 = Space/Room				
PROGRAM	Description	Storage for administrative materials					
	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 Schools

Educational Specifications

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	Partner Storage	DIFFERS FROM STANDARD
13	04.06	Recreation and Parks Office	DIFFERS FROM STANDARD
13	04.07	Recreation and Parks Kitchenette	DIFFERS FROM STANDARD
13	04.08	Recreation and Parks Storage	DIFFERS FROM STANDARD

Community Space | Mental Health Suite Office

Program	<i>Description</i>	Work space for staff member of the community mental health suite
	<i>Area Required (SF)</i>	250
	<i>Number of Users</i>	1 user, 2-4 guests
	<i>Adjacencies</i>	Mental Health Suite Conference Room (C13.04.03); Community Space
Architectural	<i>Ceiling</i>	See standard specifications
	<i>Walls</i>	One wall to have one-way viewing window/mirror to the adjacent conference room
	<i>Floors</i>	See standard specifications
	<i>Doors</i>	Provide sidelight with blind
	<i>Windows</i>	See standard specifications
	<i>Acoustics</i>	Walls to run to deck above for acoustic privacy
Systems	<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
Equipment	<i>Display</i>	See standard specifications
	<i>Casework / Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	1 desk/chair
		4 guest chairs
Remarks	N/A	

Community Space | Mental Health Suite Conference Room

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

Community Space | Flexible Community Space

Program	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)	980
	Number of Users	25-30
	Adjacencies	Community Space
Architectural	Ceiling	See standard specifications
	Walls	See standard specifications
	Floors	See standard specifications
	Doors	See standard specifications
	Windows	See standard specifications
	Acoustics	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	24 LF markerboard with tack strip 4 LF tack board
	Casework / Millwork	12 LF counter/wall/base cabinets
	FF&E (NIC)	See standard specifications
Remarks	Provide abundant power and data, regardless of whether Wi-Fi is present in the building, to support an adult extended learning program.	

Community Space | Partner Storage

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

Community Space | Recreation and Parks Office

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

Community Space | Recreation and Parks Kitchenette

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

Community Space | Recreation and Parks Storage

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

L. SUMMARY OF SPATIAL REQUIREMENTS

L. SUMMARY OF SPATIAL REQUIREMENTS

Fort Worthington K-8 School #85

Fort Worthington K-8 School #85									
PK-8 EDUCATIONAL SPECIFICATION STANDARDS					SITE SPECIFIC EDUCATIONAL SPECIFICATIONS				
TEACHING STATIONS					TEACHING STATIONS				
ROOM/SPACE	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE	MS FTE	NUMBER EACH	SF EACH	TOTAL

Fort Worthington K-8 School #85

Fort Worthington K-8 School #85												
PK-8 EDUCATIONAL SPECIFICATION STANDARDS							SITE SPECIFIC EDUCATIONAL SPECIFICATIONS					
TEACHING STATIONS							TEACHING STATIONS					
ROOM/SPACE												
03 TEACHING AND LEARNING												
03.01 Classrooms							27,200					
03 01.01	PRE-KINDERGARTEN	4	4	1000	4000	80	0	0	1000	0		0
03 01.02	KINDERGARTEN	4	4	1000	4000	88	4	4	1000	4000		88
03 01.03	GRADES 1-2	8	8	900	7200	184	8	8	900	7200		184
03 01.04	PK-2 TOILET		16	50	800			14	50	700		
03 01.05	GRADES 3-4-5	12	12	900	10800	276	9	9	900	8100		207
03 01.06	FLEX CLASSROOM	0	0	900	0	0	0	0	900	0		0
03 01.07	CO-TEACHING CLASSROOM	0	0	1100	0	0	0	0	1100	0		0
03 01.08	GRADES 6-7-8	12	12	900	10800		8	8	900	7200		200
03.02 Shared Spaces							9,450					
03 02.01	COLLABORATIVE LEARNING AREA	7	7	900	6300			6	900	5400		
03 02.02	RESOURCE	7	7	250	1750			6	250	1500		
03 02.03	TEACHER PLANNING	7	7	225	1575			6	225	1350		
03 02.04	STORAGE	7	7	200	1400			6	200	1200		
04 SPECIAL EDUCATION												
04.01 General							2,895					
04 01.01	CLASSROOM	5	5	900	4500	50	3	3	900	2700		30
04 01.02	OFFICE		1	120	120			1	120	120		
04 01.03	RECORDS STORAGE		1	75	75			1	75	75		
04.02 Resource							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		
05 SCIENCES												
05.01 Elementary Science							1,000					
05 01.01	LAB		1	900	900			1	900	900		
05 01.02	STORAGE		1	100	100			1	100	100		
05.02 Middle Science							1,150					
05 02.01	LAB	2	2	1000	2000		1	1	1000	1000		25
05 02.02	PREP/STORAGE		1	200	200			1	150	150		

Fort Worthington K-8 School #85

PK-8 EDUCATIONAL SPECIFICATION STANDARDS						SITE SPECIFIC EDUCATIONAL SPECIFICATIONS					
TEACHING STATIONS						TEACHING STATIONS					
ROOM/SPACE						ROOM/SPACE					
NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE	MS FTE	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE	MS FTE
06 FINE ARTS											
06.01 Visual Art											
06 01.01	STUDIO	2	1000	2000		1	1000	1000	1,250		
06 01.02	STORAGE	2	150	300		1	150	150			
06 01.03	KILN	1	100	100		1	100	100			
06.02 Music											
06 02.01	LARGE REHEARSAL	1	1200	1200		1	1000	1000	2,150		
06 02.02	SMALL REHEARSAL	1	850	850		1	850	850			
06 02.03	STORAGE	2	150	300		2	150	300			
07 SPECIALS											
07.01 Foreign Language											
07 01.01	CLASSROOM	1	900	900		0	900	0	0		
07 01.02	STORAGE	1	100	100		0	100	0			
08 TECHNOLOGY EDUCATION											
08.01 Technology Education											
08 01.01	LAB	1	900	900		1	900	900	980		
08 01.02	SUPPLY STORAGE	1	80	80		1	80	80			
09 PHYSICAL EDUCATION											
09.01 Physical Education											
09 01.01	GYMNASIUM	1	6500	6500		1	6500	6500	7,750		
09 01.02	OFFICE	1	150	150		1	150	150			
09 01.03	GYM STORAGE	1	400	400		1	400	400			
09 01.04	LOCKERS/CHANGING ROOMS	2	200	400		2	150	300			
09 01.05	STUDENT SHOWERS/TOILET	4	100	400		4	100	400			
10 MEDIA											
10.01 Media Center											
10 01.01	MEDIA ROOM	1	2400	2400		1	2000	2000	2,700		
10 01.02	WORKROOM	1	250	250		1	250	250			
10 01.03	STORAGE	1	300	300		1	300	300			
10 01.04	HEAD END ROOM	1	150	150		1	150	150			

Fort Worthington K-8 School #85

Fort Worthington K-8 School #85												
PK-8 EDUCATIONAL SPECIFICATION STANDARDS						SITE SPECIFIC EDUCATIONAL SPECIFICATIONS						
TEACHING STATIONS						TEACHING STATIONS						
ROOM/SPACE	NUMBER EACH	SF EACH	TOTAL	SF TALLY	MS FTE	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE	MS FTE	
10.02 Communications/TV						950						950
10 02.01 VIDEO STUDIO	1	800	800			1	800	800				
10 02.02 CONTROL ROOM	1	150	150			1	150	150				
11 FOOD SERVICES						4,900						4,575
11.01 Dining												
11 01.01 DINING	1	3500	3500			1	3300	3300				
11 01.02 FURNITURE STORAGE	1	250	250			1	225	225				
11 01.03 STAGE	1	1000	1000			1	900	900				
11 01.04 STAGE STORAGE	1	150	150			1	150	150				
11.02 Food Service						2,585						2,310
11 02.01 KITCHEN	1	900	900			1	700	700				
11 02.02 SERVING	3	225	675			3	225	675				
11 02.03 OFFICE	1	80	80			1	80	80				
11 02.04 WALK-IN FREEZER	1	175	175			1	150	150				
11 02.05 WALK-IN CHILLER	1	175	175			1	150	150				
11 02.06 DRY STORAGE	1	200	200			1	175	175				
11 02.07 DISH ROOM / TRAY RETURN	1	200	200			1	200	200				
11 02.08 SOAP STORAGE	1	30	30			1	30	30				
11 02.09 CAN WASH	1	50	50			1	50	50				
11 02.09 LOCKER / TOILET	1	100	100			1	100	100				
12 BUILDING SERVICES						1,490						1,260
12.01 Maintenance/Operations												
12 01.01 RECEIVING	1	250	250			1	200	200				
12 01.02 CENTRAL STORAGE	1	250	250			1	200	200				
12 01.03 OPERATIONS OFFICE	1	100	100			1	100	100				
12 01.04 LOCKERS/SHOWERS/TOILETS	1	120	120			1	120	120				
12 01.05 SECURITY OFFICE	1	120	120			1	100	100				
12 01.06 CUSTODIAL CLOSETS	5	60	300			4	60	240				
12 01.07 RECYCLING	1	250	250			1	200	200				
12 01.08 OUTDOOR STORAGE	1	100	100			1	100	100				
12.02 Toilet						400						400
12 02.01 STAFF TOILET	8	50	400			8	50	400				

Fort Worthington K-8 School #85

Fort Worthington K-8 School #85							PK-8 EDUCATIONAL SPECIFICATION STANDARDS					SITE SPECIFIC EDUCATIONAL SPECIFICATIONS					
ROOM/SPACE							TEACHING STATIONS				TEACHING STATIONS						
							NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE	MS FTE	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE
13 COMMUNITY SPACE																	
13.01 Family Resource Suite							280				280						
13 01.01 FAMILY RESOURCE ROOM							1	150	150				1	150	150		
13 01.02 OFFICE							1	80	80				1	80	80		
13 01.03 TOILET							1	50	50				1	50	50		
13.02 Out of School Time Support							230				230						
13 02.01 STORAGE							1	100	100				1	100	100		
13 02.02 PANTRY							1	50	50				1	50	50		
13 02.03 OFFICE							1	80	80				1	80	80		
13.03 Service							280				280						
13 03.01 PANTRY							1	80	80				1	80	80		
13 03.02 PERSONAL CARE							1	100	100				1	100	100		
13 03.03 LAUNDRY							1	100	100				1	100	100		
13.04 Community Space							2,210				2,210						
13 04.01 TO BE DEVELOPED							1	2210	2210						0		
13 04.02 MENTAL HEALTH SUITE OFFICE													1	250	250		
13 04.03 MENTAL HEALTH SUITE CONFERENCE ROOM													1	400	400		
13 04.04 COMMUNITY LEARNING CENTER / FLEXIBLE SPACE													1	980	980		
13 04.05 PARTNER STORAGE													1	100	100		
13 04.06 REC AND PARKS OFFICE													1	80	80		
13 04.07 REC AND PARKS KITCHENETTE													1	300	300		
13 04.08 REC AND PARKS STORAGE													1	100	100		

Fort Worthington K-8 School #85

PK-8 EDUCATIONAL SPECIFICATION STANDARDS				SITE SPECIFIC EDUCATIONAL SPECIFICATIONS			
ROOM/SPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	ES FTE	MS FTE
Total Teaching Stations						33	
Total Net Square Footage						73,105	
TOTAL GROSS AREA	1.4 X					102,347	
Middle School Capacity						191	
85% (per State Requirements)							
Elementary School Capacity						479	
Special Education						30	
TOTAL SCHOOL CAPACITY						700	