

BALTIMORE CITY PUBLIC SCHOOLS EDUCATIONAL SPECIFICATIONS

PART 3: SITE SPECIFIC EDUCATIONAL SPECIFICATIONS

FOREST PARK HS #406

OCTOBER 27, 2014



PREPARED BY: ZIGER SNEAD ARCHITECTS INC. AND CITY SCHOOLS STAFF

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PART 3

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PART 3

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

A. PROJECT SUMMARY

A. PROJECT SUMMARY

A.1 Project Justification:

Forest Park HS #406 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 recommended closure of Northwestern HS #401 will affect the enrollment of the school. Forest Park HS #406 has a FCI of 30.1 and an EAS of 62.6. The recommended closure of Northwestern HS #401 and the anticipated student choice of many of the Northwestern students into Forest Park HS #406 will eliminate excess capacity, provide swing space during construction and reduce maintenance and renovation costs area wide. The project is planned to be complete by year 2017. In SY 2022-23 the anticipated state rated capacity of the building will be 927 and with the additional students from Northwestern HS #401 students its projected utilization rate will be 88%.

A.2 Project Description:

The Forest Park Building is currently 182,000 square feet. The original Forest Park Building was built in 1924, but was replaced in 1981. The new gross square footage of the building to meet the program requirements will be approximately 177,479 square feet total. Forest Park's SY 2022-23 projected enrollment will be 812. For the development of the site specific educational specification the 9-12 prototype for a high school (1208) was used for the standard.

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

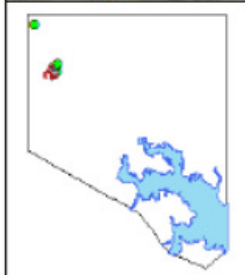
Schedule		
Task	Start	Complete
Educational Specifications	October 2013	June 2014
Feasibility Study	October 2013	July 2014
Schematic Design	July 2014	August 2014
Design Development	September 2014	December 2014
Construction Documents	January 2015	June 2015
Permitting	May 2014	July 2015
Advertise/Bid/Award	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	970	927
Full Time Enrollment	501	812
Enrollment Trend	Growing	
Relocatables	None	
Gross Square Footage	182,000	177,479

A.5 Location Map:

Forest Park #406



Legend

-  Forest Park
-  Adjacent Schools
-  Rail Line

0 0.375 0.75 1.5 Miles



BALTIMORE CITY PUBLIC SCHOOLS GREAT KIDS GREAT SCHOOLS

B. PROJECT BACKGROUND

B. PROJECT BACKGROUND

B.1 Community Description and History:

Forest Park HS #406 is located in Community Statistical Area (CSA) #13, which primarily consists of residential zoning: R-2 and R-3. The total population for this CSA group has increased over 10 years by 7.3%; population aged 45 to 64 increased by 5.4%, and the school aged population decreased by 3.5%. A significant portion of the housing typography in this CSA Group is classified as Middle Market. The total number of residential properties has decreased by 1% from 2001 to 2010, with a very slight increase in vacant units. The median sale price of homes has increased in this CSA by 18% during this 10 year period.

Significant revitalization and redevelopment projects are planned or underway for CSA #13. This area encompasses the former Greater Northwest Community Coalition (GNCC) Master Plan Area that was completed in 2005. This plan is currently in the process of being updated in conjunction with the newly formed Northwest Development Roundtable group. The Howard Park area has also undertaken a Master Planning effort along with an investment strategy along the Liberty Heights corridor. This area also contains the Dolfield Commercial Corridor that has a revitalization study with recommendations currently being prepared.

B.2 School Description and History:

Since its opening in 1981, Forest Park #406 has operated as a high school located off of Liberty Heights Avenue in the Dorchester neighborhood of Baltimore City. The 12.4 acre site is bounded on three sides by Eldorado Avenue, Belle Avenue and Chatham Road. The fourth side of the site is bordered by residential properties. The site slopes gently from north to south. Existing recreational facilities on site include four tennis courts, a baseball field, a football field surrounded by a running track and one basketball court. Only the tennis courts and track/football field are enclosed with fencing. There is a parking area for 67 cars and loading dock entrance at the north side of the site off of Belle Avenue. Additionally, there is a driveway off of Eldorado Avenue at the south side of the high school building which provides access to the automotive shops.

A high school was built on the southern part of the site, fronting on Chatham Road in 1926. The current building was designed in 1979 and built in 1981, whereupon the previous high school building was demolished. The original school was housed in two buildings. The second, smaller building housed the schools technical shops, indicating that there has always been a focus on vocational training. The older building is revered by many alumni and residents. Many have spoken of its grand architectural character which conveyed a sense of purpose, and pride in its students and community. It has been requested that some two-dimensional representation of the original building be included in the new project.

There is an active alumni association at Forest Park. Notable alumni include several well known artists, politicians, and lawyers:

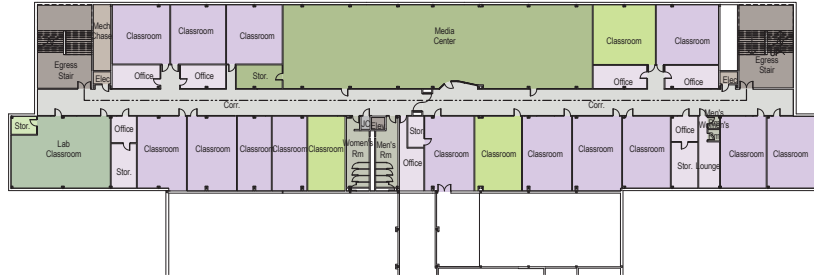
- Spiro T. Agnew, 39th Vice President of the United States
- “Mama” Cass Elliot, Singer
- Thomas Beck, Actor
- Edward Deal Hardesty, Baltimore circuit court judge
- Ellen M. Heller, Baltimore circuit court judge
- Barbara A. Hoffman, Maryland State Senator
- Barry Levinson, Film director
- Robert C. Murphy, Chief Judge, Maryland Court of Appeals
- Rochelle “Rikki” Spector, Baltimore City Councilwoman

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



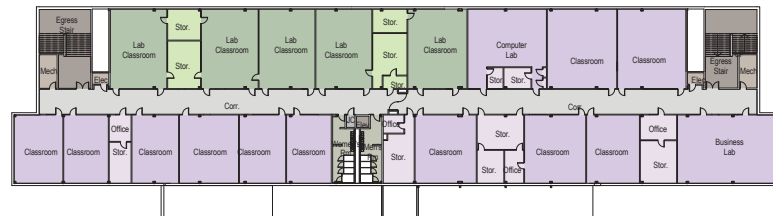
EXISTING SECOND FLOOR

- Administration
- Student Services
- Teaching and Learning
- Teaching and Learning Support
- Special Education
- Sciences
- Science Support
- Fine Arts
- Fine Arts Support
- Specials
- CTE Program
- CTE Support
- Media
- Food Services
- Building Services
- Community Space
- Restrooms
- Circulation - Horizontal
- Circulation - Vertical
- Mechanical / Support
- Physical Education
- Physical Education Support

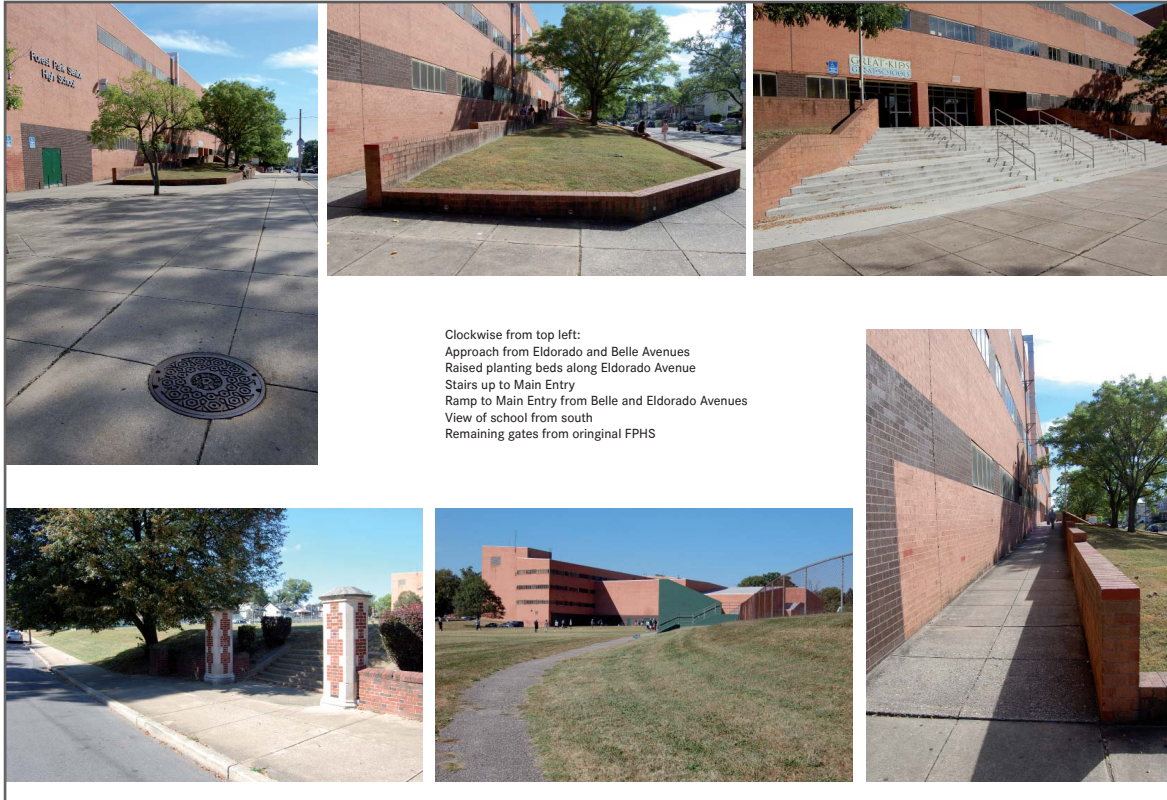


EXISTING THIRD FLOOR

- Administration
- Student Services
- Teaching and Learning
- Teaching and Learning Support
- Special Education
- Sciences
- Science Support
- Fine Arts
- Fine Arts Support
- Specials
- CTE Program
- CTE Support
- Media
- Food Services
- Building Services
- Community Space
- Restrooms
- Circulation - Horizontal
- Circulation - Vertical
- Mechanical / Support
- Physical Education
- Physical Education Support



Exterior:



Clockwise from top left:
 Approach from Eldorado and Belle Avenues
 Raised planting beds along Eldorado Avenue
 Stairs up to Main Entry
 Ramp to Main Entry from Belle and Eldorado Avenues
 View of school from south
 Remaining gates from original FPHS

Interior:



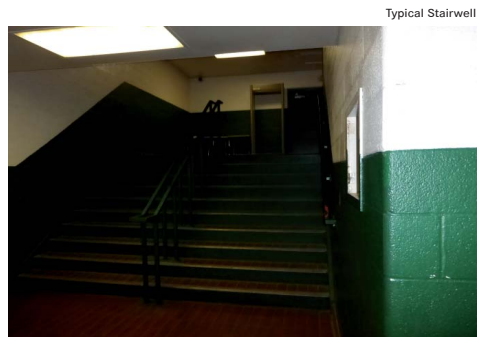
First Floor classroom



Science Lab



Typical Academic Corridor



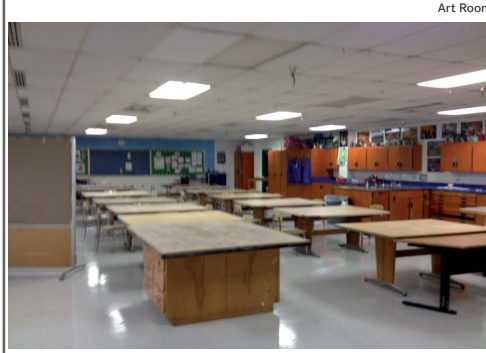
Typical Stairwell



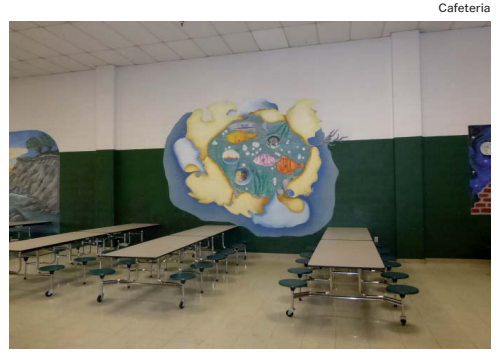
First Floor classroom



Auditorium



Art Room



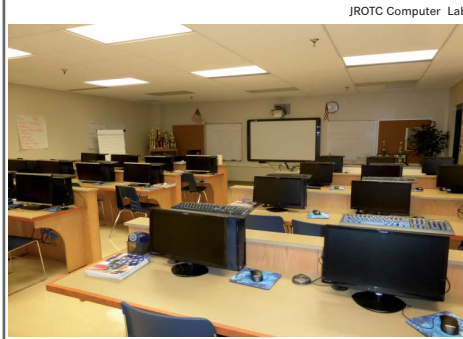
Cafeteria



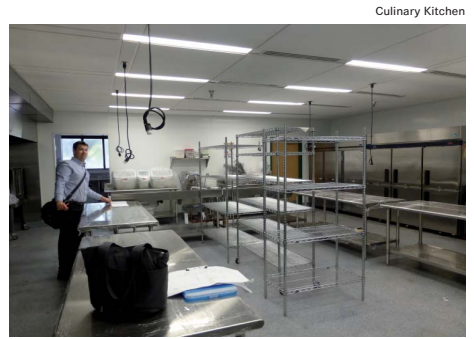
Media Center



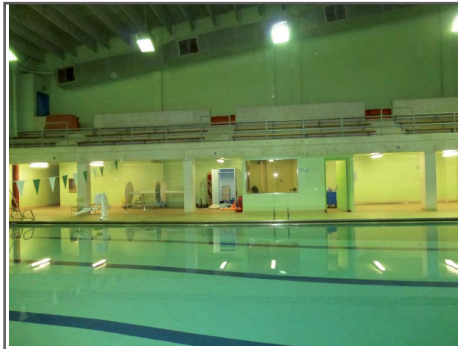
Automotive Lab



JROTC Computer Lab



Culinary Kitchen



Swimming Pool



Gymnasium

Typical Locker Room



Wrestling Room



B.4 Summary of Recent Feasibility Studies or Assessments:

The 10-Year Plan's recommendation for Forest Park is based on the 2010 Jacobs building assessment report. The feasibility study will consider and analyze various options for the building and provide a determination of the best recommendation. The rationale behind this recommendation is as follows:

- The FCI suggests that it may be most cost-effective to renovate the building rather than to replace the building, however both renovation and replacement will be considered.
- The Forest Park 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 currently does not meet the acceptable utilization rate for City Schools' buildings at 34%.
- Northwestern High School, also located in the northwest part of the city, is recommended for closure. Its students will participate in the High School Choice process, but it is anticipated that a large number of Northwestern's students will choose to attend Forest Park due to its proximity, thereby raising Forest Park's enrollment and the building utilization rate.

C. PROPOSED EDUCATIONAL PROGRAMS AND SERVICES

C. PROPOSED EDUCATIONAL PROGRAMS AND SERVICES

C.1 School Grade Organization:

Forest Park HS #406 is a traditional high school that serves grades 9-12. Based on enrollment projections the school will be a medium-sized high school.

C.2 Proposed Curriculum:

The CTE spaces within the Forest Park HS educational specification demonstrate the joining of the current programs at Forest Park and Northwestern High Schools. Automotive Technology is the only additional program that is not currently available at either school. This program was at Forest Park previously and there are facilities currently at the site to support the program. Once modernized, Forest Park High School will serve as the CTE center for the northern portion of the city. CTE programs to be offered include:

- Business Management / Finance and Accounting
- Interactive Media Production
- IT Networking
- Law and Leadership
- Food and Beverage Management / Culinary Arts
- Automotive Technology

Forest Park High School will also contain an ROTC program.

C.3 Proposed Staff:

Proposed Staff	
Position	Quantity
Assistant Principal	2
Psychologist	1
Librarian	1
Teacher - Secondary	22
Teacher - Special Education	11
Special Education Paraeducator	5
Assistant - Special Education	2
Custodial Worker I/12 mth	2
Guidance Counselor	2
IEP Team Associate	1
Manager I - Cafeteria	1
Principal - High	1
Secretary II - School	1
Social Worker	2
Teacher - Secondary JROTC	2
Teacher - Vocational	1
Educational Associate/12mth	1
Food Services Worker I/3.5 hrs	2
Staff Associate/12mth	1
Team Support Paraprofessional	1
Hall Monitor	2

C.4 Enrollment Projections (SY13-14 adjusted Nov. 2013):

Forest Park HS #406

Grade	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
9	150	171	166	166	248	257	256	265	273	277	272
10	129	114	121	122	173	174	180	179	186	192	195
11	117	125	103	116	170	167	170	175	174	181	186
12	105	109	116	102	153	149	147	149	154	153	159
	501	520	506	505	744	747	753	768	787	803	812

C.5 Future Programs and Services:

The Forest Park High School community prides itself on the school's CTE (Career Technology Education) programs or Learning to Work Pathways. Administrators and faculty alike believe that these supplementary programs draw many of the students to school each day. Currently, Forest Park participates in three of these programs: Culinary Arts, Business and Management and Finance and Accounting. The school views its JROTC program as equivalent to a CTE program and accordingly it will be included in the relevant sections of this document. In the future, it is proposed that four more programs will be added: Interactive Media Production, IT Networking Academy, Law and Leadership and Automotive Technology.

Interactive Media Production:

In this Pathway, "students have the chance to put their "tech-savviness" to creative use, learning skills to prepare them for careers in high-demand fields including Internet technology, website development, computer graphics, digital media production, game design, interactive programming and project management. Successful completion can lead to certification in the popular Adobe Creative Suite or through the World Organization of Webmasters."(Source: Baltimore City Schools website)

IT Networking Academy:

The IT Networking Academy prepares students for advanced study in IT and for the first step in the CISCO career certification path. Students learn how to install and configure switches and routers in local and wide area networks, troubleshoot problems and improve network performance and security. (Source: CISCO program website.)

Law and Leadership:

This program seems to vary across the district in its focus. For example, at Mergenthaler Vocational Technical High School the program description is as follows: "Students will take an in-depth look at America's Constitutional government, the Constitution itself, the Bill of Rights, and the American legal system. Students will learn the substantive area of constitutional law interpreting the constitution and the rights, responsibilities, and powers it imbues is of paramount important for success in the profession. Unlike traditional government/civics courses - students will learn technical skills of the legal industry using the Constitution as a backdrop." (Source: Mergenthaler Vocational-Technical High School website).

Forest Park currently has an award winning debate program which will certainly be reinforced and complimented by the addition of this Learning to Work Pathway.

Automotive Technology:

Forest Park High School currently has an Automotive Shop which is not in use. The shop and associated spaces will have to be updated to meet the National Automotive Technicians Education Foundation standards to function for this CTE program.

F. PROPOSED SITE REQUIREMENTS

F. Proposed Site Requirements

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

Currently there are 67 off-street parking spaces on site at Forest Park High School. According to the Baltimore City Zoning Code (2013) the parking requirements for the site are as follows:

High School in zone R-5:

1 space per 2 teachers and staff

1 space per 12 students

Based on staffing and student enrollment predictions listed in the previous section of this document this would equate the following parking requirements:

Faculty and Staff	Parking Spaces
100	50
Students	
812	68
Total	118

Adding 51 parking stalls (to equal 118) is not feasible on this site without compromising many of the recreation facilities as well as the functionality of the building. In addition, the majority of students who attend Forest Park travel to school via public transportation or are driven. If the above formula (1 stall for every 12 students) was applied only to students in the upper grades who are of driving age than the requirement would be for 29 stalls, totalling 79. The existing parking lot could possibly be re-designed to accommodate this number of stalls without compromising other functions. Any re-design of the parking area should incorporate on-site stormwater reduction methods and maximize green space.

F.2 Service Access:

Service and delivery vehicles currently access the site off of Belle Avenue. The loading dock consists of a two bay dock with an associated covered outdoor loading area. The dock is sufficient for the school's needs. If the number of parking stalls is increased, however, parking lot access and circulation should be studied to avoid congestion with the loading area.

F.3 Vehicle and Pedestrian Access:

Currently the majority of students get to school via city bus. The closest bus stops are at Belle Avenue and Garrison Boulevard and near Eldorado and Liberty Heights Avenues. Because of the location of these stops there is a visible conflict between cars and pedestrians along neighborhood streets. Sidewalks on the school property, along Belle Avenue and Eldorado Avenue, should be wide enough to accommodate the increase in pedestrians. Another remedy to this situation would be the re-installation of a MTA bus stop located at the high school. The school and community would like to see this implemented as students would feel safer waiting for the bus at school rather than traversing the neighborhood and waiting possibly at isolated stops, especially after dark.

F. PROPOSED SITE REQUIREMENTS

Pedestrian access through the site shall be improved. Walking routes through the site and from the building to the recreational facilities shall be formalized and enhanced with site lighting and planted areas. The columns and steps along Chatham Road, which are remnants of the previous high school building, shall be celebrated as an entry onto the campus from the surrounding neighborhood.

At the main entry to the building along Eldorado Avenue, the streetscape shall be redesigned to be more welcoming and useful to students. The wheelchair ramp shall be redesigned for a more equal approach for all users. The landscaping shall be more integrated into the overall streetscape, not walled off as it is currently. The landscape will incorporate informal gathering spaces and areas for students to use while waiting to be picked up.

There is currently no site accommodation for bicycles. Secure bike parking shall be available at all entries for student, faculty and community use.

F.4 Playing Fields, Courts, Yards

Currently on site there are a variety of recreational and athletic facilities. Not all of them are designed for optimum use.

Football Field and Track - The track and field needs to be upgraded to meet the standards of similar facilities in the district. The grass field needs to be improved or replaced with an artificial turf field. This would greatly enhance the amount of time the field could be used both for games and practices. The stands need to be made ADA compliant. Additionally, new site lighting needs to be installed to assist after school practices in the winter.

Baseball/Softball Backstop/Sand Infield - This field is not regulation size, nor is there adequate room on site for a regulation field without compromising other facilities. This area would be better used as a practice field for other sports.

Basketball Courts - The current court design is insufficient. The playing surface needs to be upgraded.

Tennis Courts - These courts, which are used by the school's tennis team, are fairly new and in good shape.

Fencing Requirements - the school and community would like to see upgraded site fencing to protect the track and football field from motorized vehicles. The entire site perimeter should be studied for other potential fencing locations incorporating the school and community requirements for safety and access.

F.5 Natural Environmental Areas:

There are a variety of natural areas to be incorporated into the Forest Park High School site. Currently there are few natural areas on site, yet there is great potential for an increase in plant material, tree cover and for on-site water management. Areas of the site not dedicated to athletic facilities or to circulation should be planted with low maintenance native plants and trees.

Many of these improvements can provide teaching and learning opportunities.

Stormwater Management Areas - The Maryland Department of the Environment advocates the installation of smaller, more numerous, environmental areas (instead of large, monolithic stormwater ponds). Because of the site size, there is potential for three or more stormwater gardens on site. These locations shall have interpretive signage as an educational component.

Outdoor Environmental Classroom - This can be designed in conjunction with one of the stormwater management areas. Design elements shall include a seating area, paths through the garden to monitor infiltration and/or water filtration, and adjacent raised beds or planting areas for students to use. The classroom area should be located near the building so that water run-off from the roof can be introduced into the garden. The classroom should be visible from regularly occupied spaces in the building.

Outdoor Plaza - A protected outdoor area where students can convene between classes, at lunch or after school may not be considered a natural environmental area, yet it is a highly desirable site element that students and faculty have repeatedly requested. This space should be adjacent to the building and away from the site perimeter to protect the students from outside distractions.

Community and School Farm - Forest Park High School has a well equipped Culinary Arts program. An on-site location for growing food and learning about food production would be a compliment to this program and also serve as an asset to the community.

F.6 Utilities:

A new electrical service may have to be brought on site to service increased site lighting needs. To minimize this need and in relation to the school's sustainability goals, photovoltaic site lighting options should be considered. In order for Forest Park High School to properly serve the community and it's students the site will have to be welcoming and safe at all hours. Currently the site lighting coverage is insufficient.

All existing utilities shall be reviewed and assessed. New water service will have to be provided from the street.

The current generator will have to be replaced with a gas fired one. It shall remain inside the mechanical room if possible.

F.7 Other:

Overall Site Sustainability Goals - The school has a goal of being a green ribbon school. This should effect all design elements, including the limiting of paved areas, the use of various permeable paving materials, choice of site furniture, the use of high efficiency site lighting and the use of native plants to promote wildlife habitat.

Signage - Signage denoting the high school campus is currently very limited. New signs should be installed at the major entry point to the campus and should reflect the character of the school. Within the site, signage could be used to educate students and community members about the various sustainable site elements. An electronic message board, located at the main entrance, shall be incorporated into the design.

Site Security - There is a great need for increased site security. Much of this should be accomplished through passive design elements, like visually connecting isolated spots of the site to the building. However, strategic locations for site lighting and an increase in the number of security cameras should also be considered.

Additional Community Elements - Through an ongoing community needs assessment study the school community is considering other options for site installations such as: a playground, a dedicated and measured walking path, the installation of exercise equipment, etc.

I. GENERAL SCHOOL DESIGN CRITERIA

I. General School Design Criteria

Every school is unique. All of the subsections in this chapter are included in order to briefly highlight the ways in which this project, and specifically this existing building, allows for variations from the prototypical specifications.

I.1 Overall Building Organization:

The existing building at Forest Park was organized in a way which provides clear zoning between academic functions and extra-curricular and potential community uses. The long north-south bar along Eldorado Avenue contains all of the classroom and teaching spaces. The remaining portion of the school houses the big-box functions such as the gym, auditorium, pool and cafeteria; all uses which can double as community spaces.

However, access to these various functions is not equal. Future work shall include a separate, accessible, entrance to the extra-curricular and community spaces. This shall include a secure lobby space and elevator.

On both the Ground and First Floor levels there shall be lockable doors which can separate academic and community-accessible spaces so that the academic portion can be closed off from the community areas, which may be open at different hours. This separation should be secure, but also operable and transparent so that during school hours the division is less apparent.

I.2 Functional Relationships:

The adjacencies of various functions must be considered for either a renovation or a new construction project. There are a few limiting factors present in the existing building which will affect the project if a renovation is selected:

- The academic portion of the building has four stories. This vertical arrangement of spaces limits the amount of program space that can be placed on each level. In addition, a four story building requires that more floor space is used for circulation and mechanical/electrical space compared to a one or two story building.
- The long and narrow proportions of the floor plate at the academic portion of the building also limits the way spaces can be arranged on each floor.
- There are a significant number of spaces throughout the building, primarily on the ground, first and second floors, which do not currently have access to daylight.
- There are areas of the building which have recently been renovated and should not be considered in the feasibility study. The location of these elements - the Media Center and Culinary Arts (Food and Beverage Management CTE) classrooms - somewhat limit the implementation of ideal functional adjacencies. Ideally the Culinary Arts program should be located near spaces available to the community so that the services of the program can be available to the general public without compromising the security of the school. The Media Center should be easily accessible from all parts of the school.
- Access to programmatic elements on the two upper floors of the building are greatly separated from those on the lower levels due to the location of vertical circulation. Stairs are located only at the ends of the building, requiring users to in some cases walk the length of the building to get from room to room.

If a renovation option is considered, Design Criteria for the re-design of the school based on these limitations may include:

- Priority given to the design and arrangement of teaching clusters
- Collaborative Learning Areas shall all have access to natural light. Rooms where access to natural light is not a priority shall be located where windows are not available.
- Science and art classrooms, which have ventilation requirements, can be located where effective ventilation can be achieved, preferably on an upper level, rather than dispersed throughout the school.
- Easy access to the Media Center from various part of the school shall be a priority
- Implement vertical circulation which connects all levels of the building
- Bring elevator up to code and add new elevator to provide ADA access to community and shared spaces.
- Sizes of many areas may be dependent on the existing space sizes.

I.3 Administrative Areas:

In addition to the general requirements outlined in the prototypical specifications:

- At the Main Entrance, create a secure space which is welcoming to guests yet also includes space for security personnel, metal detectors and student ID swipe station.
- Provide private access to and from the Principal's office and one of the corridors of the building.

I.4 Instructional Areas:

The following programmatic adjustments have been incorporated into the site specific education specifications:

- The school requests the implementation of a Freshman Academy cluster. All other academic clusters shall be grouped by discipline: English, Social Studies and Mathematics. Therefore the site specific Educational Specifications call for Collaborative Learning spaces, Teacher Planning spaces, and associated Resource spaces to match this cluster concept.
- The Science Labs shall be clustered to promote collaboration and for ease of ventilation. A greenhouse is not required per the school's instruction.

I.5 Support Areas:

Arts:

The school has an existing Auditorium. The areas shown in the site specific Educational Specifications reflect the existing spaces, which are larger than the prototype, on the assumption that a renovation project is the preferred recommendation.

Student Services:

Forest Park High School has a large student population which is enrolled in the Special Education program including a P.R.I.D.E. program. The school requests the integration of the Special Education classrooms into the rest of the school population. The school also requests that the P.R.I.D.E. classrooms are placed in a location which affords privacy from school visitors and also has adjacencies with other classrooms. The school and community have requested a dedicated area with private spaces for individual instruction, conferences and meetings with parents. The site specific program therefore includes line item for a Student Services suite which shall provide mental health support to students and their parents, however this suite shall be incorporated into the the project's Community Space, so it can serve both the school and the neighborhood populations.

Athletics:

- FPHS currently has one gymnasium. There is no auxiliary gym, but having an additional gym would greatly relieve scheduling conflicts with boys and girls JV and Varsity games and practices.
- The school currently has a wrestling room which is used for practices. When the school holds tournaments they are held in the gymnasium. The existing wrestling room will remain, but is undersized compared to the requirements of the prototypical specifications.
- Forest Park High School has requested a weight room where none is required in the specifications. The designated room is smaller than the prototype suggests for a larger school, but should be sufficient for the school's needs.
- One component of the school's athletic program which is not included in the prototypical specification is a swimming pool and associated spectator area. The existing school currently has a pool. The school and community would like to see the pool remain and be improved and fully staffed for student and community use.
- The existence and future use of a pool necessitates larger support facilities such as shower and changing areas. The site specific Educational Specifications show locker and shower areas that are larger than required by the prototype, but smaller than the existing rooms. This allows for improved space efficiency as well as a more welcoming and open ground floor.

Dining:

- The school's cafeteria is currently undersized and therefore cannot seat one third of the projected student body. Additional space will be required to accommodate future enrollment. Increasing the size of the cafeteria will also provide more flexibility of use for students and the community as well as providing the opportunity for views and daylighting in this space.

I.6 Community Use Areas:

The community currently has the ability to reserve the use of the gymnasium, auditorium and cafeteria spaces. In addition to these spaces and the required spaces outlined in the education specifications, the community would like to have access to the swimming pool and perhaps to the following new uses:

- Daycare
- After school care
- Computer Lab with training programs
- Tutoring/mentoring program
- Mental Health counseling suite

A community needs assessment is ongoing and partners to provide these programs will be identified.

I.7 Special Or Unique Program Requirements:

The major difference between the unique needs of Forest Park High School as compared to the prototypical specifications is the number of Career Technology Education (CTE) or Learning to Work Pathway programs that the school will support.

Currently there are three programs at the school:

Food and Beverage Management
Business and Management
Finance and Accounting

In the future, four more programs could be added:

Interactive Media Production
IT Networking Academy
Law and Leadership
Automotive Technology

Some of these programs are entirely new, and some of them will be moving to Forest Park from Northwestern High School. There is also a Junior ROTC (JROTC) program.

In the Summary of Spatial Requirements at the end of this document we have replaced the two prototypical CTE programs with the seven programs listed above. We have estimated their spatial requirements which are described below and detailed in the following section.

LIST BY ITEM NUMBERS

Item #1: IT Networking Academy

The following resources are needed to deliver CISCO Networking Academy curricula: (Source: CISCO Networking Academy website)

- A dedicated classroom
- A PC for every student
- An Internet connection that supports all computers
- A local server to download and deliver content
- Budget or grant funds to purchase an academy lab bundle (if necessary)
- A certified instructor

Item #2: Interactive Media Production

Spatial requirements associated with this program include: a MAC or design computer lab, printer/work room, possible video production room.

Item #3: Law and Leadership

Predicted program elements associated with this program include: shared use of a general classroom, and a larger lecture hall or theater type classroom for debates, mock courts, and various other presentations.

Item #4: Food and Beverage Management

The Culinary Arts program was recently updated with a new teaching kitchen, washing stations and pantry closet. Additional program spaces consist of the adjacent Cafe space and general storage. The spatial requirements shown for this program are based on the current conditions. A classroom in addition to the other spaces for this program is required.

Item #5: Business and Management

The Business and Management program spatial requirements are based on the Business Education section (7.02) of the prototypical specifications.

Item #6: Finance and Accounting

The spatial requirements of the Finance and Accounting program are shared use of a classroom and computer lab. This CTE program will share space with the Business and Management CTE.

Item #7: Automotive Technology

Forest Park High School currently has an Automotive Shop which is not in use. The shop consists of a three-bay garage, locker and storage rooms. The spatial requirements listed in the summary for this program are based on the existing facility. The facility will have to be renovated and will most likely need all new equipment. In addition, access to a computer lab is essential for this CTE program.

Item #8: JROTC

The spatial requirements for the Junior ROTC program are based on the existing programmatic elements which are significantly larger than the prototypical requirements.

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

PROGRAM	<i>Description</i>	
	<i>Storage for administrative materials</i>	
	<i>Area Required (SF)</i>	45
	<i>Number of Users</i>	0
	<i>Adjacencies</i>	Distributed Administration (U 01.02)
ARCHITECTURAL	<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
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>	
	<i>Casework/Millwork</i>	6 LF bookshelves
	<i>FF&E (NIC)</i>	
REMARKS		

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

U 01 ADMINISTRATION

DESIGN DEVIATIONS FROM PROTOTYPE

01.01 Main Office

		Description	Ed. Spec. Part 2/Vol. IV Ref.
01	01.01	GENERAL-RECEPTION	DIFFERS FROM STANDARD

Main Office | General Reception

PROGRAM	<i>Description</i>	Welcome center and front desk for school office functions; including waiting and secretary space		
	<i>Area Required (SF)</i>	1300		
	<i>Number of Users</i>	2 staff, 6 guests		
	<i>Adjacencies</i>	Workroom (U 01.01.03)		
ARCHITECTURAL	<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		
SYSTEMS	<i>Lighting</i>	No special requirements		
	<i>Audio/Visual</i>	Wall-mounted, large format, flat screen monitor		
	<i>Telecom/Data</i>	Central switchboard for phone and PA system		
	<i>Electrical</i>	Power and data for electronic check-in station coordinated with computer location		
	<i>HVAC</i>	No special requirements		
	<i>Plumbing</i>	No special requirements		
	<i>Specialty</i>	No special requirements		
EQUIPMENT	<i>Display</i>	6	LF	Tack board
		1		Digital monitor
	<i>Casework/Millwork</i>	1		Reception counter
	<i>FF&E (NIC)</i>	2		workstations
		4		File cabinets
		6	LF	Bookshelves
		6		Guest chairs
REMARKS	<ul style="list-style-type: none"> • Electronic check-in station used for visitors - locate near entrance, in clear view of administrative staff. Provide alcove for 2-3 seats for students waiting for principal; out of sight of reception area but visible from offices. • Includes vestibule at entrance with security features requiring visitors to be buzzed in when appropriate. Vestibule requires metal detector and student ID swipe per district standards. 			

U 06 FINE ARTS

DESIGN DEVIATIONS FROM PROTOTYPE

06.04 Music

Description

Ed. Spec. Part 2/Vol. IV Ref.

		Description	Ed. Spec. Part 2/Vol. IV Ref.
06	04.01	THEATER/AUDITORIUM	DIFFERS FROM STANDARD
06	04.02	STAGE/PLATFORM	DIFFERS FROM STANDARD
06	04.03	TICKET BOOTH	DIFFERS FROM STANDARD
06	04.04	CONTROL ROOM	DIFFERS FROM STANDARD
06	04.08	SET CONSTRUCTION	DIFFERS FROM STANDARD

Auditorium | Theater or Auditorium

PROGRAM	<i>Description</i>	House for seating people for performance and presentation of music, drama and speech.	
	<i>Area Required (SF)</i>	5353	
	<i>Number of Users</i>	666 seated observers	
	<i>Adjacencies</i>	Stage/Platform (U 06.04.02); Control Room (U 06.04.04)	
ARCHITECTURAL	<i>Ceiling</i>	Exposed ceiling per existing	
	<i>Walls</i>	Painted acoustic CMU	
	<i>Floor</i>	Tiered seating with carpet or similar finish	
	<i>Doors</i>	Light Lock vestibules at all entry doors	
	<i>Windows</i>	See standard specifications	
	<i>Acoustics</i>	Suspended and wall mounted panels	
SYSTEMS	<i>Lighting</i>	Dimable house lighting, aisle/wall mounted lights; specialty theatrical lighting mounted to existing ceiling-hung racks	
	<i>Audio/Visual</i>	Control panel to control lights and sound in house,	
	<i>Telecom/Data</i>	Audio-assist FM loop for hearing impaired	
	<i>Electrical</i>	No special requirements	
	<i>HVAC</i>	Ability to heat and cool after-hours	
	<i>Plumbing</i>	No special requirements	
	<i>Specialty</i>	Projection screen height should be min. 1/6 the distance from the screen to the furthest seat or equal/exceed 1/3 the distance of screen to the best seat	
EQUIPMENT	<i>Display</i>	1	Projection Screen
	<i>Casework/Millwork</i>	666	Theater Seats
	<i>FF&E (NIC)</i>	N/A	
REMARKS	Based on existing facility.		

Auditorium | Stage/Platform

PROGRAM	<i>Description</i>	Performance space for presentation of music, drama and speech
	<i>Area Required (SF)</i>	1777
	<i>Number of Users</i>	200
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Auditorium | Ticket Booth

PROGRAM	<i>Description</i>	Location for ticket sales and office for stage manager
	<i>Area Required (SF)</i>	40
	<i>Number of Users</i>	1
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Auditorium | Control Room

PROGRAM	<i>Description</i>	Booth for operating sound control equipment		
	<i>Area Required (SF)</i>	46		
	<i>Number of Users</i>	2		
	<i>Adjacencies</i>	See standard specifications		
ARCHITECTURAL	<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		
SYSTEMS	<i>Lighting</i>	See standard specifications		
	<i>Audio/Visual</i>	See standard specifications		
	<i>Telecom/Data</i>	See standard specifications		
	<i>Electrical</i>	See standard specifications		
	<i>HVAC</i>	See standard specifications		
	<i>Plumbing</i>	See standard specifications		
	<i>Specialty</i>	See standard specifications		
EQUIPMENT	<i>Display</i>	4		
	<i>Casework/Millwork</i>	6	LF	Counter below window
	<i>FF&E (NIC)</i>	See standard specifications		
REMARKS	Based on existing facility.			

Auditorium | Set Construction

PROGRAM	<i>Description</i>	Work area for set and prop construction for performances.
	<i>Area Required (SF)</i>	1083
	<i>Number of Users</i>	20
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

U 08 TECHNOLOGY EDUCATION

DESIGN DEVIATIONS FROM PROTOTYPE

08.02 CTE Program 1

		Description	Ed. Spec. Part 2/Vol. IV Ref.
08	02.01	IT NETWORKING ACADEMY	DIFFERS FROM STANDARD

08.04 CTE Program 3

		Description	Ed. Spec. Part 2/Vol. IV Ref.
08	04.01	LAW AND LEADERSHIP	DIFFERS FROM STANDARD

08.05 CTE Program 4

		Description	Ed. Spec. Part 2/Vol. IV Ref.
08	05.01	FOOD AND BEVERAGE MANGMT.	DIFFERS FROM STANDARD

08.08 CTE Program 7

		Description	Ed. Spec. Part 2/Vol. IV Ref.
08	08.01	AUTOMOTIVE TECHNOLOGY	DIFFERS FROM STANDARD

08.08 ROTC

		Description	Ed. Spec. Part 2/Vol. IV Ref.
08	09.01	ROTC Classroom	DIFFERS FROM STANDARD
08	09.02	ROTC Computer Lab	

CTE Program | IT Networking Academy

PROGRAM	<i>Description</i>	The IT Networking Academy (Cisco Academy) is a nationally recognized program that prepares students for successful careers in information technology fields such as computer network design and administration, hardware, software and network installation, local and wide-area network (LAN/WAN) management and systems engineering.
	<i>Area Required (SF)</i>	1500
	<i>Number of Users</i>	20
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	Per Cisco requirements
	<i>Audio/Visual</i>	Per Cisco requirements
	<i>Telecom/Data</i>	Per Cisco requirements
	<i>Electrical</i>	Per Cisco requirements
	<i>HVAC</i>	Per Cisco requirements
	<i>Plumbing</i>	Per Cisco requirements
	<i>Specialty</i>	Per Cisco requirements
EQUIPMENT	<i>Display</i>	Short throw projector and non-glare whiteboard
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	N/A	

CTE Program 3 I Law and Leadership

PROGRAM	<i>Description</i>	The Law and Leadership program students learn about the law and legal profession, and in the process, will improve reading, writing, speaking, and critical thinking skills that will be useful in any chosen field.
	<i>Area Required (SF)</i>	1600
	<i>Number of Users</i>	20
	<i>Adjacencies</i>	Classroom
ARCHITECTURAL	<i>Ceiling</i>	See standard specifications
	<i>Walls</i>	See standard specifications
	<i>Floor</i>	Wood with raised dais for judge- ADA access required
	<i>Doors</i>	See standard specifications
	<i>Windows</i>	See standard specifications
	<i>Acoustics</i>	Improved acoustics
SYSTEMS	<i>Lighting</i>	Pendant decorative fixtures preferable
	<i>Audio/Visual</i>	Amplified sound, projection required
	<i>Telecom/Data</i>	Per MSDE specifications
	<i>Electrical</i>	No special requirements
	<i>HVAC</i>	No special requirements
	<i>Plumbing</i>	None
	<i>Specialty</i>	No special requirements
EQUIPMENT	<i>Display</i>	Long throw projector and automatic screen
	<i>Casework/Millwork</i>	Judge's bench, jurors benches , spectators seating
	<i>FF&E (NIC)</i>	See standard specifications.
REMARKS	N/A	

CTE Program 4 | Food & Beverage Management

PROGRAM	<i>Description</i>	In the Food and Beverage Management program, called ProStart, students learn about professional food preparation, international cuisines, food safety and sanitation, customer service relations, accounting, cost control and marketing. Industry-mentored work-based learning experiences give students opportunities to put their classroom learning into practice. This space includes the kitchen, dishwashing area, cafe classroom, and storage area.
	<i>Area Required (SF)</i>	2448 (existing space)
	<i>Number of Users</i>	20
	<i>Adjacencies</i>	Cafe/classroom
ARCHITECTURAL	<i>Ceiling</i>	Existing
	<i>Walls</i>	Existing
	<i>Floor</i>	Existing
	<i>Doors</i>	Existing
	<i>Windows</i>	Existing
	<i>Acoustics</i>	Existing
SYSTEMS	<i>Lighting</i>	Existing
	<i>Audio/Visual</i>	Existing
	<i>Telecom/Data</i>	Existing
	<i>Electrical</i>	Existing
	<i>HVAC</i>	Existing
	<i>Plumbing</i>	Existing
	<i>Specialty</i>	Existing
EQUIPMENT	<i>Display</i>	Existing
	<i>Casework/Millwork</i>	Existing
	<i>FF&E (NIC)</i>	Existing
REMARKS	Existing grease duct needs to be relocated from the front facade of building to a new chase through the building to the roof.	

CTE Program 7 | Automotive Technology

PROGRAM	<i>Description</i>	The Automotive Technology program incorporates the Automotive Service Excellence (ASE) program certification standards and the National Automotive Technicians Education Foundation (NATEF) standards. The program consists of four courses, covering suspension and steering, brakes, electrical and electronic systems and engine performance. These program spaces include the lab, storage, locker room, and computer classroom.
	<i>Area Required (SF)</i>	5387 (Existing Spaces)
	<i>Number of Users</i>	20
	<i>Adjacencies</i>	Computer Classroom
ARCHITECTURAL	<i>Ceiling</i>	Existing
	<i>Walls</i>	Existing
	<i>Floor</i>	Existing
	<i>Doors</i>	New overhead at the three bays
	<i>Windows</i>	Existing
	<i>Acoustics</i>	Existing
SYSTEMS	<i>Lighting</i>	Pert MSDE Specs. For this program
	<i>Audio/Visual</i>	Pert MSDE Specs. For this program
	<i>Telecom/Data</i>	Pert MSDE Specs. For this program
	<i>Electrical</i>	Pert MSDE Specs. For this program
	<i>HVAC</i>	Pert MSDE Specs. For this program
	<i>Plumbing</i>	Pert MSDE Specs. For this program
	<i>Specialty</i>	Pert MSDE Specs. For this program
EQUIPMENT	<i>Display</i>	Short throw projector and non-glare whiteboard
	<i>Casework/Millwork</i>	N/A
	<i>FF&E (NIC)</i>	N/A
REMARKS	N/A	

ROTC I

PROGRAM	<i>Description</i>	Learning space for students enrolled in the Reserve Officers' Training Corp (ROTC). These program spaces include classrooms, changing rooms, uniform storage, supplies, armory, office, book storage, and cadet operations.
	<i>Area Required (SF)</i>	3986 (Partially Existing Spaces)
	<i>Number of Users</i>	20
	<i>Adjacencies</i>	
ARCHITECTURAL	<i>Ceiling</i>	See Standard Specification
	<i>Walls</i>	See Standard Specification
	<i>Floor</i>	See Standard Specification
	<i>Doors</i>	See Standard Specification
<i>Windows</i>	Existing	
	<i>Acoustics</i>	See Standard Specification
SYSTEMS	<i>Lighting</i>	See Standard Specification
	<i>Audio/Visual</i>	See Standard Specification
	<i>Telecom/Data</i>	See Standard Specification
	<i>Electrical</i>	See Standard Specification
	<i>HVAC</i>	See Standard Specification
	<i>Plumbing</i>	See Standard Specification
	<i>Specialty</i>	See Standard Specification
EQUIPMENT	<i>Display</i>	See Standard Specification
	<i>Casework/Millwork</i>	See Standard Specification
	<i>FF&E (NIC)</i>	See Standard Specification
REMARKS	N/A	

U 09 PHYSICAL EDUCATION/ATHLETICS

DESIGN DEVIATIONS FROM PROTOTYPE

09.01 Physical Education

		Description	Ed. Spec. Part 2/Vol. IV Ref.
09	01.01	GYMNASIUM	DIFFERS FROM STANDARD
09	01.03	WRESTLING	DIFFERS FROM STANDARD
09	01.04	FITNESS/WEIGHT TRAINING	DIFFERS FROM STANDARD
09	01.07	POOL	DIFFERS FROM STANDARD

09.02 Support

		Description	Ed. Spec. Part 2/Vol. IV Ref.
09	02.01	LOCKER ROOMS	DIFFERS FROM STANDARD
09	02.02	SHOWERS/TOILETS	DIFFERS FROM STANDARD
09	02.03	PE TEACHER/COACH OFFICE	DIFFERS FROM STANDARD
09	02.04	COACH LOCKERS/TOILET	DIFFERS FROM STANDARD
09	02.05	ATHLETIC DIRECTOR OFFICE	DIFFERS FROM STANDARD
09	02.15	POOL SPECTATOR AREA	DIFFERS FROM STANDARD

Physical Education | Gymnasium

PROGRAM	<i>Description</i>	See standard specifications
	<i>Area Required (SF)</i>	9612
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Physical Education | Wrestling and Dance Room

PROGRAM	<i>Description</i>	See standard specifications.
	<i>Area Required (SF)</i>	2500
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Will be dual use space with the dance program. Room to be designed to accommodate both programs.	

Physical Education | Weight Room

PROGRAM	<i>Description</i>	See standard specifications.
	<i>Area Required (SF)</i>	650
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Physical Education | Pool

PROGRAM	<i>Description</i>	Existing five lane, 25 meter pool
	<i>Area Required (SF)</i>	6053
	<i>Number of Users</i>	See standard specifications.
	<i>Adjacencies</i>	Locker Rooms (U 09 02 01), Showers/Toilets (U 09 02 02)
ARCHITECTURAL	<i>Ceiling</i>	Exposed structure
	<i>Walls</i>	Acoustic CMU, painted
	<i>Floor</i>	Tile
	<i>Doors</i>	See standard specifications
	<i>Windows</i>	See standard specifications
	<i>Acoustics</i>	See standard specifications
SYSTEMS	<i>Lighting</i>	New high efficiency lighting
	<i>Audio/Visual</i>	PA system
	<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 Markerboard, no tray 8 LF Markerboard, no tray
	<i>Casework/Millwork</i>	See standard specifications.
	<i>FF&E (NIC)</i>	See standard specifications.
REMARKS	Based on existing facility.	

Physical Education | Locker Rooms

PROGRAM	<i>Description</i>	See standard specifications.
	<i>Area Required (SF)</i>	1826
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Increased square footage based on existing building layout and needed because of additional Pool facilities	

Physical Education | Showers/Toilets

PROGRAM	<i>Description</i>	See standard specifications.
	<i>Area Required (SF)</i>	1456
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Increased square footage needed because of additional Pool facilities	

Physical Education | PE Teacher/Coach Office

PROGRAM	<i>Description</i>	See standard specifications.
	<i>Area Required (SF)</i>	452
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

	Physical Education Coach Lockers/Toilet	
PROGRAM	<i>Description</i>	See standard specifications.
	<i>Area Required (SF)</i>	151
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Physical Education | Athletic Director Office

PROGRAM	<i>Description</i>	See standard specifications.
	<i>Area Required (SF)</i>	169
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Physical Education | Pool Spectator Area

PROGRAM	<i>Description</i>	Existing spectator area
	<i>Area Required (SF)</i>	1165
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<i>Ceiling</i>	Exposed
	<i>Walls</i>	CMU, painted
	<i>Floor</i>	Concrete
	<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>	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>	See standard specifications
REMARKS	Based on existing facility.	

U 10 MEDIA

DESIGN DEVIATIONS FROM PROTOTYPE

10.01 Media Center

		Description	Ed. Spec. Part 2/Vol. IV Ref.
10	01.01	MEDIA ROOM	DIFFERS FROM STANDARD
10	02.05	GRAPHICS LAB	DIFFERS FROM STANDARD

Media | Media Center

PROGRAM	<i>Description</i>	Existing Media Center
	<i>Area Required (SF)</i>	5405
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Media | Media Center

PROGRAM	<i>Description</i>	Graphics Lab
	<i>Area Required (SF)</i>	1400
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	The Graphics Lab is for dual use with Interactive Media CTE.	

U 11 FOOD SERVICES

DESIGN DEVIATIONS FROM PROTOTYPE

11.01 Dining

		Description	Ed. Spec. Part 2/Vol. IV Ref.
11	01.01	DINING	DIFFERS FROM STANDARD

11.02 Food Service

		Description	Ed. Spec. Part 2/Vol. IV Ref.
11	02.01	KITCHEN	DIFFERS FROM STANDARD
11	02.04	WALK-IN FREEZER	DIFFERS FROM STANDARD
11	02.05	WALK-IN CHILLER	DIFFERS FROM STANDARD
11	02.06	DRY STORAGE	DIFFERS FROM STANDARD
11	02.07	DISHWASHER/TRAY RETURN	DIFFERS FROM STANDARD
11	02.08	SOAP CLOSET	DIFFERS FROM STANDARD
11	02.09	CAN WASH	DIFFERS FROM STANDARD
11	02.10	LOCKER/TOILET	DIFFERS FROM STANDARD
11	02.11	RECEIVING	DIFFERS FROM STANDARD

Dining | Dining

PROGRAM	<i>Description</i>	See standard specifications
	<i>Area Required (SF)</i>	5250
	<i>Number of Users</i>	1/3 of school population
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Increased square footage based on expansion of existing facility to accomodate 1/3 of projected student population	

Food Service | Kitchen, Serving, and Office

PROGRAM	<i>Description</i>	See standard specifications
	<i>Area Required (SF)</i>	1398
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Food Service | Walk-in Freezer

PROGRAM	Description	See standard specifications
	<i>Area Required (SF)</i>	162
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Food Service | Walk-in Chiller

PROGRAM	<i>Description</i>	See standard specifications
	<i>Area Required (SF)</i>	95
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Food Service | Dry Storage

PROGRAM	<i>Description</i>	See standard specifications
	<i>Area Required (SF)</i>	190
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Food Service | Dish Room/Tray Return

PROGRAM	<i>Description</i>	See standard specifications
	<i>Area Required (SF)</i>	236
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Food Service | Soap Storage

PROGRAM	<i>Description</i>	See standard specifications
	<i>Area Required (SF)</i>	43
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Food Service | Can Wash

PROGRAM	<i>Description</i>	See standard specifications
	<i>Area Required (SF)</i>	39
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Food Service | Locker/Toilet

PROGRAM	<i>Description</i>	See standard specifications
	<i>Area Required (SF)</i>	56
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

Food Service | Receiving

PROGRAM	<i>Description</i>	See standard specifications
	<i>Area Required (SF)</i>	100
	<i>Number of Users</i>	See standard specifications
	<i>Adjacencies</i>	See standard specifications
ARCHITECTURAL	<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
SYSTEMS	<i>Lighting</i>	See standard specifications
	<i>Audio/Visual</i>	See standard specifications
	<i>Telecom/Data</i>	See standard specifications
	<i>Electrical</i>	See standard specifications
	<i>HVAC</i>	See standard specifications
	<i>Plumbing</i>	See standard specifications
	<i>Specialty</i>	See standard specifications
EQUIPMENT	<i>Display</i>	See standard specifications
	<i>Casework/Millwork</i>	See standard specifications
	<i>FF&E (NIC)</i>	See standard specifications
REMARKS	Based on existing facility.	

L. SUMMARY OF SPATIAL REQUIREMENTS

L. SUMMARY OF SPATIAL REQUIREMENTS

Forest Park High School

EDUCATIONAL SPECIFICATION STANDARDS

SITE SPECIFIC EDUCATIONAL SPECIFICATIONS

ROOMSPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	DIFFERENCE
01 ADMINISTRATION																	
01.01 Main Office																	
				1,870									2,620				
01 01.01	GENERAL-RECEPTION	1	550	550					1	1	1300	1300					750
01 01.02	CONFERENCE	1	250	250					1	1	250	250					0
01 01.03	WORKROOM	1	200	200					1	1	200	200					0
01 01.04	STORAGE	1	125	125					1	1	125	125					0
01 01.05	SECURE STORAGE	1	75	75					1	1	75	75					0
01 01.06	PRINCIPAL	1	150	150					1	1	150	150					0
01 01.07	ADMINISTRATIVE ASSISTANT	1	100	100					1	1	100	100					0
01 01.08	FLEX OFFICE	2	100	200					2	2	100	200					0
01 01.09	COAT CLOSET	1	20	20					1	1	20	20					0
01 01.10	ATTENDANCE OFFICE	1	100	100					1	1	100	100					0
01 01.11	FINANCIAL SECRETARY	1	100	100					1	1	100	100					0
01.02 Distributed Administration																	
				495									495				
01 02.01	VICE PRINCIPAL/ADMINISTRATOR	2	150	300					2	2	150	300					0
01 02.02	CONFERENCE	1	150	150					1	1	150	150					0
01 02.03	STORAGE	1	45	45					1	1	45	45					0
01.03 Faculty Support																	
				400									400				
01 3.01	FACULTY LOUNGE	1	400	400					1	1	400	400					0
02 STUDENT SERVICES																	
02.01 Guidance																	
				1275									1275				
02 01.01	OFFICE	3	100	300					3	3	100	300					0
02 01.02	WAITING/RECEPTION	1	200	200					1	1	200	200					0
02 01.03	CONFERENCE	1	350	350					1	1	350	350					0
02 01.04	CAREER CENTER	1	250	250					1	1	250	250					0
02 01.05	STORAGE	1	100	100					1	1	100	100					0
02 01.06	TESTING	1	75	75					1	1	75	75					0

Forest Park High School

EDUCATIONAL SPECIFICATION STANDARDS

SITE SPECIFIC EDUCATIONAL SPECIFICATIONS

ROOM/SPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	DIFFERENCE
02.02 Health Suite																	
02 02.01	WAITING AREA	1	150	150	900					1	150	150	950				0
02 02.02	EXAM ROOM/TREATMENT	2	100	200						2	100	200					0
02 02.03	STUDENT REST AREAS	2	150	300						2	150	300					0
02 02.04	OFFICE	1	100	100						1	100	100					0
02 02.05	STORAGE	1	50	50						1	50	50					0
02 02.06	STUDENT TOILET- LARGE	1	100	100						1	100	100					0
02 02.07	STUDENT TOILET	0	50	0						1	50	50					50
02.03 Support Services																	
02 03.01	PSYCHOLOGIST	1	100	100	475					1	100	100	475				0
02 03.02	SOCIAL WORKER	1	100	100						1	100	100					0
02 03.03	FLEX OFFICE	2	100	200						2	100	200					0
02 03.04	RECORDS STORAGE	1	75	75						1	75	75					0
02 03.05	FLEX CONFERENCE	0	200	0						0	200	0					0
02 03.06	STUDENT SERVICES	0	0	0						0	700	0					0
02.04 Student Services																	
02 04.01	SGA OFFICE/HONOR SOC	1	150	150	325					1	150	150	325				0
02 04.02	SCHOOL STORE	1	175	175						1	175	175					0
03 TEACHING AND LEARNING																	
03.01 Classrooms																	
03 01.01	GENERAL	3	850	2550	15,300	75				3	810	2430	15,230	75			-120
03 01.02	ENGLISH	5	850	4250		125				5	837	4185		125			-65
03 01.03	MATH	5	850	4250		125				5	891	4455		125			205
03 01.04	SOCIAL STUDIES	5	850	4250		125				5	832	4160		125			-90
										18				450			

Forest Park High School

EDUCATIONAL SPECIFICATION STANDARDS										SITE SPECIFIC EDUCATIONAL SPECIFICATIONS									
ROOMSPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	DIFFERENCE		
03.02 Shared Spaces										7,700									
03 02.01	COLLABORATIVE LEARNING AREA	3	900	2700	0	0	0	0	4	910	3640	940							
03 02.02	RESOURCE	3	300	900					5	300	1500	600							
03 02.03	TEACHER PLANNING	3	300	900					4	390	1560	660							
03 02.04	STORAGE	3	200	600					5	200	1000	400							
04 SPECIAL EDUCATION										1,920									
04.01 General										1,920									
04 01.01	CLASSROOM	2	850	1700	20	0	0	0	2	850	1700	0							
04 01.02	OFFICE	1	120	120					1	120	120	0							
04 01.03	RECORDS STORAGE	1	100	100					1	100	100	0							
04.02 Pride Program										4,520									
04 01.01	CLASSROOM	0	850	0	0	0	0	0	4	850	3400	3,400							
04 01.02	COLLABORATIVE LEARNING AREA	1	900	900	0	0	0	0	1	900	900	0							
04 01.03	OFFICE	1	120	120					1	120	120	0							
04 01.04	RECORDS STORAGE	1	100	100					1	100	100	0							
05 SCIENCES										6,945									
05.01 Science Labs										6,945									
05 01.01	BIOLOGY	2	1400	2800	50	0	0	0	2	1401	2802	2							
05 01.02	CHEMISTRY	1	1400	1400	25	0	0	0	1	1396	1396	-4							
05 01.03	PHYSICS	1	1400	1400	25	0	0	0	1	1395	1395	-5							
05 01.04	ENVIRONMENTAL SCIENCE	1	1400	1400	25	0	0	0	1	1352	1352	-48							
										5									
										125									

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EDUCATIONAL SPECIFICATION STANDARDS

SITE SPECIFIC EDUCATIONAL SPECIFICATIONS

ROOMSPACE	TEACHING STATIONS	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	DIFFERENCE
05.02 Science Support																
				1,150								950				
05 02.01	PREP	3	200	600					3	200	600	950				0
05 02.02	STORAGE	3	100	300					3	100	300					0
05 02.03	CHEMICAL STORAGE	1	50	50					1	50	50					0
05 02.04	GREENHOUSE	1	200	200					0	200	0					-200
06 FINE ARTS																
06.01 Visual Art																
				2,650								1,847				
06 01.01	ART STUDIO	1	1200	1200	25			1	1	1600	1600		25			400
06 01.02	ART STUDIO- 3D	1	1200	1200	25			0	0	1200	0		0			-1,200
06 01.03	GRAPHICS MEDIA STUDIO	0	1000	0				0	0	1000	0					0
06 01.04	STORAGE	1	150	150				1	1	150	150					0
06 01.05	KILN/CERAMIC STORAGE	1	100	100				1	1	97	97		25			-3
06.02 Music																
				3,265								510				
06 02.01	INSTRUMENTAL MUSIC	1	1500	1500	25			0	0	1500	0		0			-1,500
06 02.02	VOCAL MUSIC	1	1000	1000	25			0	0	1000	0		0			-1,000
06 02.03	PRACTICE ROOM	2	60	120				0	0	60	0					-120
06 02.04	INSTRUMENT STORAGE	1	350	350				1	1	350	350					0
06 02.05	UNIFORM STORAGE	1	100	100				0	0	100	0					-100
06 02.06	OFFICE	1	120	120				1	1	160	160					40
06 02.07	LIBRARY/MUSIC STORAGE	1	75	75				0	0	75	0		0			-75
06.03 Drama																
				1,600								1,600				
06 03.01	CLASSROOM	0	900	0				0	0	0	0					0
06 03.02	BLACKBOX THEATER	1	1500	1500	25			1	1	1500	1500		25			0
06 03.03	CONTROL ROOM	1	100	100				1	1	100	100		25			0

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EDUCATIONAL SPECIFICATION STANDARDS										SITE SPECIFIC EDUCATIONAL SPECIFICATIONS									
ROOMSPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	DIFFERENCE		
06.04 Auditorium										9,013									
06 04.01	THEATER/AUDITORIUM	1	4500	4500	8,150				1	5353	5353		9,013				853		
06 04.02	STAGE W/ MODIFIED ORCHESTRA PIT	1	2000	2000					1	1777	1777						-223		
06 04.03	TICKET BOOTH/OFFICE	1	100	100					1	40	40						-60		
06 04.04	CONTROL ROOM	1	150	150					1	46	46						-104		
06 04.05	COSTUME/PROP STORAGE	1	300	300					1	42	42						-258		
06 04.06	DRESSING ROOMS	2	150	300					2	336	672						372		
06 04.07	STUDENT TOILET	2	50	100					0	50	0						-100		
06 04.08	SET CONSTRUCTION	1	700	700					1	1083	1083						383		
07 SPECIALS																			
7.01 Foreign Language										0									
07 01.01	FOREIGN LANGUAGE	2	900	1800		50			0	0	900	0		0			-1,800		
07 01.02	STORAGE	1	100	100					0	0	0	0		0			-100		
7.02 Business Education										3,070									
07 02.01	COMPUTER TECHNOLOGY LAB	2	1000	2000		50			2	2	1100	2200		50			200		
07 02.02	STUDENT STORAGE	1	100	100					1	1	120	120					20		
07 02.03	COMPUTER SERVICE LAB	1	550	550		0			1	1	600	600		25			50		
07 02.04	STORAGE	1	100	100					3	1	150	150		75			50		
08 TECHNOLOGY EDUCATION																			
08.01 Foundations of Technology										1,100									
08 01.01	FOT LAB	1	1000	1000		25			1	1	1100	1100		25			100		
08 01.02	PROJECT/MATERIAL STORAGE	1	100	100					0	0	100	0		25			-100		

Forest Park High School

SITE SPECIFIC EDUCATIONAL SPECIFICATIONS

EDUCATIONAL SPECIFICATION STANDARDS

ROOMSPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	DIFFERENCE	
08.02 CTE Program 1																		
08 02.01	COMPUTER WORKROOM	1	1400	1400	1,500		20		IT Networking Academy	1	1400	1400	1,500		20		0	
08 02.02	CLASSROOM	0	0	0						0	0	0					0	
08 02.03	STORAGE	1	100	100						1	100	100			20		0	
08.03 CTE Program 2																		
Interactive Media Production																		
08 03.01	COMPUTER LAB	1	850	850		20				0	850	0			0		-850	
08 03.02	PRODUCTION LAB	1	1000	1000						0	1000	0					-1,000	
08 03.03	STORAGE	1	200	200						0	200	0			0		-200	
08.04 CTE Program 3																		
Law & Leadership																		
08 04.01	MOOT COURT	0	1400	0	0	0				1	1600	1600	1,600		20		1,600	
08 04.02	CLASSROOM	0	900	0						0	850	0			0		0	
08 04.03	STORAGE	0	80	0						1	80	0			20		0	
08.05 CTE Program 4																		
Food & Beverage Management																		
08 05.01	KITCHEN	0	850	0	0	0				1	840	840	2,448		20		840	
08 05.02	DISHWASHING	0	200	0						1	208	208					208	
08 05.03	CAFE	0	1150	0		0				1	1138	1138					1,138	
08 05.04	STORAGE	0	400	0						1	262	262					262	
08 05.05	CLASSROOM	0	850	0						0	850	0			0		0	
															1	20		

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EDUCATIONAL SPECIFICATION STANDARDS

SITE SPECIFIC EDUCATIONAL SPECIFICATIONS

ROOM/SPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	DIFFERENCE
08.06 CTE Program 5																	
					0				Business Management				0				
08 06.01	CLASSROOM	0	1200	0		0			0	0	1200	0			0		0
08 06.02	PRODUCTION LAB	0	80	0					0	0	80	0			0		0
08 06.03	STORAGE	0	80	0					0	0	80	0			0		0
08.07 CTE Program 6																	
					0				Finance & Accounting				0				
08 07.01	CLASSROOM	0	900	0		0			0	0	858	0			0		0
08 07.02	PRODUCTION LAB	0	80	0					0	0	80	0			0		0
08 07.03	STORAGE	0	80	0					0	0	80	0			0		0
08.08 CTE Program 7																	
					0				Automotive				5,387				
08 08.01	AUTOMOTIVE LAB	0	4500	0		0			1	1	4482	4482			20		4,482
08 08.02	TOOL STORAGE	0	80	0					2	2	72	144					144
08 08.03	LOCKER ROOM	0	200	0					1	1	181	181					181
08 08.04	COMPUTER CLASSROOM	0	0	0					1	1	580	580			20		580
									2						40		

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ROOM/SPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	DIFFERENCE
08.09 ROTC																	
		2	850	1700	2,900	50			1	1	1200	1200	3,905	25			-500
08 09.01	CLASSROOM	2	850	1700	2,900	50			1	1	1200	1200	3,905	25			-500
08 09.01	DRILL HALL	0	0	0					0	0	3142	0					0
08 09.02	CHANGING ROOM	2	150	300					2	2	150	300					0
08 09.03	UNIFORM STORAGE	1	240	240					1	1	240	240					0
08 09.04	SUPPLIES	1	200	200					1	1	472	472					272
08 09.05	ARMORY	1	100	100					1	1	99	99					-1
08 09.06	OFFICE	1	200	200					1	1	200	200					0
08 09.07	BOOK STORAGE	1	20	20					0	0	0	0					-20
08 09.08	CADET OPERATIONS	1	140	140					1	1	194	194					54
08 09.09	ROTC COMPUTER LAB / CLASSROOM	0	0	0					1	1	1200	1200		25			1,200
									2					50			
09 PHYSICAL EDUCATION																	
09.01 Physical Education																	
09 01.01	GYMNASIUM	2	10000	10000	17,500	50			2	1	9612	9612	22,315	50			-388
09 01.02	AUXILIARY GYM	1	3500	3500					1	1	3500	3500		25			0
09 01.03	WRESTLING	1	2500	2500					1	1	2500	2500		25			0
09 01.04	FITNESS/WEIGHT TRAINING	0	1500	0					1	1	650	650		25			650
09 01.05	DANCE/ACTIVITY ROOM	1	1500	1500		25			0	0	1500	0		0			-1,500
09 01.06	HEALTH CLASSROOM	0	850	0					0	0	850	0		0			0
09 01.07	POOL	0	0	0					1	1	6053	6053		0			6,053
									5					125			

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ROOM/SPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	DIFFERENCE
09.02 Support																	
09 02.01	LOCKER ROOMS	2	700	1400	4,525				2	2	913	1826	7,326				426
09 02.02	SHOWERS/TOILETS	2	200	400					2	2	728	1456					1,056
09 02.03	TEAM ROOMS	2	300	600					2	2	341	682					82
09 02.04	PE TEACHER/COACH OFFICE	2	200	400					1	1	452	452					52
09 02.05	COACH LOCKERS/TOILET	2	90	180					1	1	151	151					-29
09 02.06	ATHLETIC DIRECTOR OFFICE	1	120	120					1	1	169	169					49
09 02.07	TRAINING/WHIRLPOOL	1	120	120					1	1	120	120					0
09 02.08	LAUNDRY / TOWELS	1	100	100					1	1	100	100					0
09 02.09	CONCESSION / TICKETS	1	100	100					1	1	100	100					0
09 02.10	OUTDOOR STORAGE	1	200	200					1	1	200	200					0
09 02.11	INDOOR STORAGE	1	350	350					1	1	350	350					0
09 02.12	ATHLETIC STORAGE	1	250	250					1	1	250	250					0
09 02.13	ADAPTIVE PE STORAGE	1	125	125					1	1	125	125					0
09 02.14	OFFICIALS LOCKERS	2	90	180					2	2	90	180					0
09 02.15	POOL SPECTATOR AREA	0	0	0					1	1	1165	1165					1,165
10 MEDIA																	
10.01 Media Center																	
10 01.01	MEDIA ROOM	1	4000	4000	4,975				1	1	5405	5405	5,846				1,405
10 01.02	OFFICE / WORKROOM	1	225	225					0	0	225	0					-225
10 01.03	AV / MAGAZINE STORAGE	1	100	100					0	0	100	0					-100
10 01.04	HEAD END ROOM	1	150	150					0	0	150	0					-150
10 01.05	HISTORIC COLLECTIONS	1	100	100					0	0	100	0					-100
10 01.06	GENERAL STORAGE	1	100	100					1	1	441	441					341
10 01.07	PROJECT ROOM	3	100	300					0	0	100	0					-300

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10.02 Communications																	
10 02.01	TV / VIDEO STUDIO	1	800	800	2,450					1	800	800	2,900				0
10 02.02	CONTROL / EDITING	1	150	150						1	150	150					0
10 02.03	PUBLICATIONS LAB	1	450	450						1	450	450					0
10 02.04	STORAGE	1	100	100						1	100	100					0
10 02.05	GRAPHICS LAB	1	950	950		25			1	1	1,400	1,400		20			450
									1					20			
11 FOOD SERVICES																	
11.01 Dining																	
4,200																	
11 01.01	DINING	1	4,000	4,000						1	5,250	5,250					1,250
11 01.02	FURNITURE STORAGE	1	200	200						1	200	200					0
11.02 Food Service																	
2,890																	
11 02.01	KITCHEN	1	800	800						1	1,398	1,398					598
11 02.02	SERVING	3	250	750						0	225	0					-750
11 02.03	OFFICE	1	100	100						0	80	0					-100
11 02.04	WALK-IN FREEZER	1	175	175						1	162	162					-13
11 02.05	WALK-IN CHILLER	1	175	175						1	95	95					-80
11 02.06	DRY STORAGE	1	250	250						1	190	190					-60
11 02.07	DISH ROOM / TRAY RETURN	1	300	300						1	236	236					-64
11 02.08	SOAP STORAGE	1	50	50						1	43	43					-7
11 02.09	CAN WASH	1	50	50						1	39	39					-11
11 02.10	LOCKER / TOILET	1	120	120						1	56	56					-64
11 02.11	RECEIVING	1	120	120						1	100	100					-20

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EDUCATIONAL SPECIFICATION STANDARDS										SITE SPECIFIC EDUCATIONAL SPECIFICATIONS									
ROOMSPACE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	DIFFERENCE		
12 BUILDING SERVICES																			
12.01 Maintenance/Operations																			
12 01.01 RECEIVING	1	200	200	200	1,430				1	200	200	200	1,430				0		
12 01.02 CENTRAL STORAGE	1	250	250	250					1	250	250	250					0		
12 01.03 OPERATIONS OFFICE	1	140	140	140					1	140	140	140					0		
12 01.04 LOCKERS/SHOWERS/TOILETS	1	120	120	120					1	120	120	120					0		
12 01.05 SECURITY OFFICE	1	120	120	120					1	120	120	120					0		
12 01.06 CUSTODIAL CLOSETS	5	60	300	300					5	60	300	300					0		
12 01.07 RECYCLING	1	200	200	200					1	200	200	200					0		
12 01.08 OUTDOOR STORAGE	1	100	100	100					1	100	100	100					0		
12.02 Toilet																			
12 02.01 STAFF TOILET	8	50	400	400					8	50	400	400					0		
13 COMMUNITY SPACE																			
13.01 Family Resource Suite																			
13 01.01 FAMILY RESOURCE ROOM	1	150	150	150	280				1	150	150	150	280				0		
13 01.02 OFFICE	1	80	80	80					1	80	80	80					0		
13 01.03 TOILET	1	50	50	50					1	50	50	50					0		
13.02 Out of School Time Support																			
13 02.01 STORAGE	1	100	100	100	230				1	100	100	100	230				0		
13 02.02 PANTRY	1	50	50	50					1	50	50	50					0		
13 02.03 OFFICE	1	80	80	80					1	80	80	80					0		
13.03 Service																			
13 03.01 PANTRY	1	80	80	80	280				1	80	80	80	280				0		
13 03.02 PERSONAL CARE	1	100	100	100					1	100	100	100					0		
13 03.03 LAUNDRY	1	100	100	100					1	100	100	100					0		
13.04 School as Community Hub																			
13 04.01 COMMUNITY SPACE	1	2,210	2,210	2,210	2,210				1	2,210	2,210	2,210	2,210				0		
TOTAL COMMUNITY SPACE			2,210	2,210	3,000							2,210	3,000						
Total Capacity																			
						786	77	20						765	102	60			

Forest Park High School

ROOMSPACE	EDUCATIONAL SPECIFICATION STANDARDS						SITE SPECIFIC EDUCATIONAL SPECIFICATIONS										
	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	TEACHING STATIONS	NUMBER EACH	SF EACH	TOTAL	SF TALLY	TS FTE	CTE FTE	SE FTE	DIFFERENCE
Total Teaching Stations					43								48				
Total Net Square Footage				106,565									126,771				20,206
TOTAL GROSS AREA	1.4 X			149,191									177,479				28,288
Secondary School Capacities					925								900				
85% (per State Requirements)					786								765				
Career and Technology					90								120				
85% (per State Requirements)					77								102				
Special Education					20								60				
TOTAL SCHOOL CAPACITY					883								927				