

**Roosevelt High School Modernization  
Educational Specification  
DRAFT  
March 2013**



## DCPS Academic Guiding Principals

### **Modernize/Enhance Classrooms**

Focus attention on areas that most impact the learning environment of our students with a particular emphasis on infusing researched-based facility amenities such as enhanced natural and artificial lighting, acoustics, air quality, climate control and technology, along with other fundamental elements that directly impact student achievement and educator effectiveness.

### **Ensure Buildings Support Programs**

Ensure that our facilities optimize learning by supporting specialized programs such as STEM (Science, Technology, Engineering, Mathematics), High Tech campuses, Fine Arts and Gifted and Talented programs; providing appropriate facilities for Special Education and Early Childhood Education; and accommodating necessary changes for schools undergoing grade configuration changes.

### **Accommodate Emerging/Existing Feeder Patterns, Enrollment Trends and School Clusters**

Take into account school feeder patterns in order to maximize the likelihood that DCPS students will attend a modernized building during their academic career; consider emerging school clusters/campuses to maximize facility designs; and appropriately expand schools with evidence of overcrowding/waiting lists, as well as ongoing and successful joint-use agreements.

### **Leverage the School as a Community Asset**

Optimize available space within schools to support complementary programming with community agencies such as health clinics, performing arts programs, sports and recreation efforts, and other community partners to increase student achievement, educator capacity, schools' effectiveness, and community engagement.



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## Introduction

This document articulates the space requirements for the modernization of Roosevelt High School. It will be the basis for a more developed Educational Specification with staff and community input.

## Scope and Justification

This project is for the modernization of Roosevelt High School built to 21<sup>st</sup> century DCPS standards for 800-900 daytime students and up to 600 part-time evening students.

## The Student Population

In the last five years Roosevelt's daytime enrollment has declined steadily while the STAY enrollment has grown. This program anticipates that following a modernization, the enrollment may increase slightly.

|                | 2007 | 2008 | 2009 | 2010 | 2011 |
|----------------|------|------|------|------|------|
| Roosevelt HS   | 840  | 792  | 717  | 646  | 551  |
| Roosevelt STAY | 345  | 265  | 247  | 672  | 579  |

In addition to a regular grades 9-12 high school program, Roosevelt houses an evening part-time program for young people and adults. Although both programs operate independently with separate administrations, there is some sharing of space.

Currently a charter school is co-located on the third floor. It is anticipated that this school will be relocated before the beginning of the 2013 school year.

## Capacity Calculation

### Graduation Requirements

In 2007, the District of Columbia revised graduation requirements. All students graduating in 2010 and beyond must have 4 Carnegie Units (CU) in English, Math, Social Studies, and Science. They will need 2 units in a foreign language and 1.5 units in PE/health, and .5 each in art and music. Only 3.5 additional units are required in electives. At 80-85% utilization and a class size of 25, Roosevelt should need approximately 37 teaching stations for the academics.

|           | Carn. Units | Classrooms Needed* |
|-----------|-------------|--------------------|
| English   | 4           | 6                  |
| Math      | 4           | 6                  |
| SS        | 4           | 6                  |
| Lang      | 2           | 3                  |
| Science   | 4           | 6                  |
| PE        | 1.5         | 3                  |
| Art/Music | 1           | 2                  |
| Electives | 3.5         | 5                  |
|           | <b>24</b>   | <b>37</b>          |



## The Program - Daytime

### Proposed Capacity

|  | # of Rooms | # Students/ Room | Capacity   |
|--|------------|------------------|------------|
| Core Academic Classrooms (English 6, Math 6, Social Studies 6, Electives Lang 4) | 22         | 20               | 440        |
| Science  | 6          | 20               | 120        |
| Technology Lab (for 'blended learning')  | 2          | 0                | 0          |
| Special Education  | 10         | 10               | 100        |
| Visual Arts  | 1          | 20               | 20         |
| Instrumental/Choral  | 2          | 20               | 40         |
| Gym  | 1          | 20               | 40         |
| Multi-Purpose PE   | 1          | 0                | 0          |
| Fitness/Weight Room  | 1          | 0                | 0          |
| Health   | 1          | 20               | 20         |
| ROTC   | 1          | 18               | 18         |
| CTE Labs   | 3          | 18               | 54         |
| <b>Total at 80% Utilization</b>  | <b>51</b>  |                  | <b>852</b> |

## The Program – PM/Twilight

|                                   | # of Rooms | # Students/ Room | Capacity |
|-----------------------------------|------------|------------------|----------|
| Core Academic Classrooms (shared) | 15         | 20               | NA       |
| Technology Lab                    | 1          | 20               | NA       |
| CTE                               | 1          | 20               | NA       |

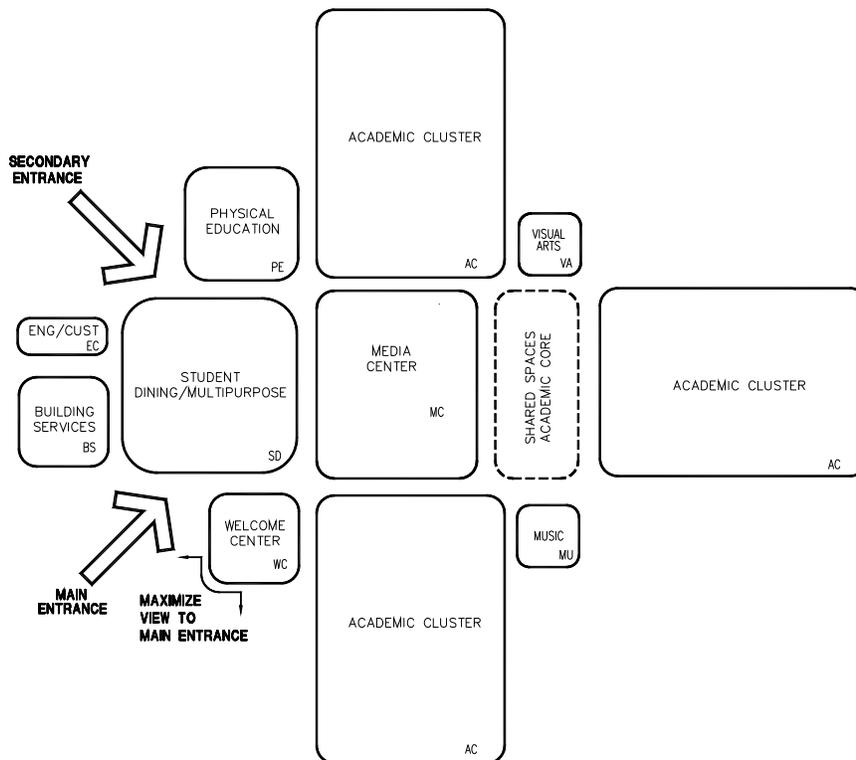


## Overview of Planning Concepts

### The Academies Structure

The goal of high school education is to provide students with a rigorous and comprehensive academic program which will prepare them in becoming responsible and independent citizens of a global society.

In recent years, DCPS has concentrated high school modernization efforts on 1) creating a personalized and orderly learning environments (small learning communities) 2) assisting students who enter high school with poor academic skills or who are at risk to drop-out (9th grade centers), 3) improving instructional practice (through technology and equipment upgrades) 4) preparing students for the world beyond high school (Career and Technology pathways).





## The Pathways Structure

Roosevelt's organizational model is based around four 'pathways'.

- Academic Pathways
  - Academic departments
  - Special and alternative programs
- Career and College Readiness
  
- Transformation
  - Family Center
  
- Climate for Learning

## The Academy Structure

Roosevelt is considering an academy structure based on grade level. The following is a typical academy structure.

All ninth graders would be assigned to a 9<sup>th</sup> Grade Academy (200-250 students). Emphasis is placed on basic reading and technology skills, and is intended to transition students from the middle school environment into high school. Most students spend the whole day with their homeroom cohort. They are enrolled in the core English, math (Algebra 1), science (physical science), and social studies (World History) as well as one or more semester(s) of physical education, foreign language, art and/or music.

### Classroom Breakout:

Academic classrooms = 8 (includes 2 English, 2 Math, 2 Social Studies, 2 Science)  
Independent Study/Resource Rm = 1 (for reading, technology projects, testing, and independent study)

### Learning/administrative Hub

Teachers' work/team room/conference room/storage  
Staff office (Social worker/counselor/academy coordinator)

### Corridors

Universal Signage, Theme-based colors and textures  
250-300 lockers  
Rest rooms for students and staff  
Commons (If feasible)

All tenth graders would be assigned to a 10<sup>th</sup> grade academy (150 students). Emphasis is placed on the core academic skills needed for graduation as well as identifying special interests in career and technology courses. They are enrolled in the core English, math (geometry), science (biology), and social studies (U.S. History). Electives include foreign language, art and/or music, or one of the career and technology streams.

### Classroom Breakout:

Academic classrooms = 4 (includes English, Math, Social Studies, Science)

### Learning/administrative Hub

Teachers' work/team room/conference room/storage  
Staff office (Social worker/counselor/academy coord.)



### **Corridors**

Universal Signage, Theme-based colors and textures  
200 lockers  
Rest rooms for students and staff

Students in ESL often attend 'sheltered' subject matter classrooms. Their classrooms should be located between the 9<sup>th</sup> and 10th grades and will include the following

#### **Classroom Breakout:**

Academic classrooms = 4 (includes English, Math, Social Studies, Science)  
  
Teachers' work/team room/storage  
Staff office

Students in an upper grade academy (250 students) continue the core academics of English, math, social studies, and science along with similar electives.

#### **Classroom Breakout:**

Academic classrooms = 8 (includes 2 English, 2 Math, 2 Social Studies, 2 Science)

#### **Learning/administrative Hub**

Academy administrator Suite  
Teachers' work/team room/conference room/storage  
Staff office (Social worker/counselor/academy coord.)

### **Corridors**

Universal Signage, Theme-based colors and textures  
200-300 lockers  
Rest rooms for students and staff

Academies should be self-contained with most academic classrooms, administration, guidance, teacher planning, and storage located in the general area. It will offer an inclusive environment that serves all students regardless of special needs – physical, mental, emotional, academic, or language challenges.

## **Electives Central to all Grades**

#### **Classroom Breakout:**

Foreign Language/electives = 4  
Art = 1  
Music Suite = 2  
CTE Labs  
Technology labs



Furniture Plan



## Special Education

Special education facilities will be integrated throughout the school to support the concepts of inclusion and the specialized requirements for the students. Special attention will be given to accessibility of all facilities and an integrated learning program.

Roosevelt has two 'self-contained' programs using 4 classrooms. These programs need to be located in different quiet areas of the building.

Students with Autism: 2 classrooms with a shared life skills lab. These rooms may be located on the same corridor but not necessarily adjacent.

Students in RISE: 2 classrooms with a quiet room and office/conference space

All other students are all or partially mainstreamed. The school uses a combination of co-teaching, dual certified teachers and subject-based 'learning centers'. This is the 'Elite Academy'. It should be central to all grade level academies.



Classroom Breakout:

Center classrooms = 4 (includes English, Math, Social Studies, Science)  
Read 180 = 1

Learning/administrative Hub

Academy administrator Suite  
Teachers' work/team room/conference room/storage  
Itinerant staff offices (social worker, psychologist, speech, OT/PT)

## **Visual and Performing Arts**

The music program may include band and chorus. Teaching spaces for these curricula must be planned with particular attention to room volume and acoustics. Several storage options must be included to support a variety of instruments, uniforms, and music.

The visual arts program should ideally be adjacent to an outdoor patio. The program may include 2D and 3D activities. The room should be located to maximize north lighting.

The Auditorium will provide for performance opportunities for drama and instrumental music groups. It may also be used as an instructional area for speakers, awards ceremonies, and other meetings. Support spaces such as set construction, costume shops, and sound booth should be located adjacent.

## **“Welcome Area”/Administration/Student Services**

High schools often have two entrances with students entering by the ‘noisy’ areas of the building (gym, auditorium, and cafeteria) and visitors entering by the main office and student services suite. In addition, Roosevelt HS would like a third entrance for Stay students. All entrances should have security measures.

Immediately upon entry, visitors should be greeted in the Administration “welcome area.” Ideally the main entrance vestibule should direct visitors through the main office for security before they can enter the school proper.

The registrar and partner services should be located in this area so that visitors will not need to go through the quieter academic areas to access services.

Some administration will be decentralized for security and programmatic reasons.

## **Multi-Media Center**

The Media Center will be centrally located. The Media Center will be the information hub for the building and will contain extensive networked information resources including a variety of audio- and visual- resources. No longer just a book repository, the media center operates as a gathering area, teaming space, and presentation production area.

## **Physical Education**

To support the high school physical education program, a variety of indoor and outdoor areas are required. Indoor areas include a gymnasium, locker rooms, health classroom, fitness room, and storage areas. All high school students are involved in physical education, which requires an adequate number of teaching stations. Physical education facilities must be designed for community use during non-school hours. The gym should be able to seat the entire enrollment.



## **Cafeteria/Commons**

This area is planned to have multiple functions, which include student dining, performances, assemblies, and community meetings. It is proposed through creative design and new technology that this area effectively houses multiple functions.

As a dining facility, it should serve 1/3 of the student population at tables and chairs. It is common for students to sit, mill, work on assignments, and socialize during lunch, so a combination of group seating, standing and milling areas is acceptable. Because the dining area adjacent to a courtyard, it is desirable for students to spill into an outdoor patio (partially or fully covered).

Most high schools are moving toward a 'food court' arrangement in the servery. The food service area will be designed in coordination with DCPS food services contractor.

## **Corridors**

Corridors should be bright and pleasant. Avoid long hallways and single loaded corridors. Through the size and arrangement of corridors encourage low stress social interaction and convey a sense of unity and 'place'. Numerous display areas should show student art work, projects, awards and offer opportunities for impromptu learning. Security cameras should blend with informational displays and signage.

Video monitors could share information items, student art, and intra-school TV broadcasts.

## **Furniture & Equipment**

Classrooms vary in shape and size; therefore, the furniture should be flexible to accommodate a variety of classroom formats for both individual and group activities. Teachers and students should have storage space for personal belongings, papers, and books as well as storage for supplies and materials. Work areas exist with direct access to copiers, multi-media equipment, and telephones. Teacher preparation areas should be located in close proximity to classrooms to permit, encourage, and enhance student and teacher interface. To the extent possible, movable furnishings will be used, rather than fixed casework, to provide flexibility for future reconfiguration.

## **Handicapped Accessibility**

The entire facility will be accessible for students, staff, and visitors. This includes sufficient internal clearances for circulation, convenient bus/van loading and unloading, and nearby handicapped parking spaces. All elements of the Americans with Disabilities Act must be complied with, including way finding and signage, appropriate use of textures, and universal accessibility of all indoor and outdoor facilities.

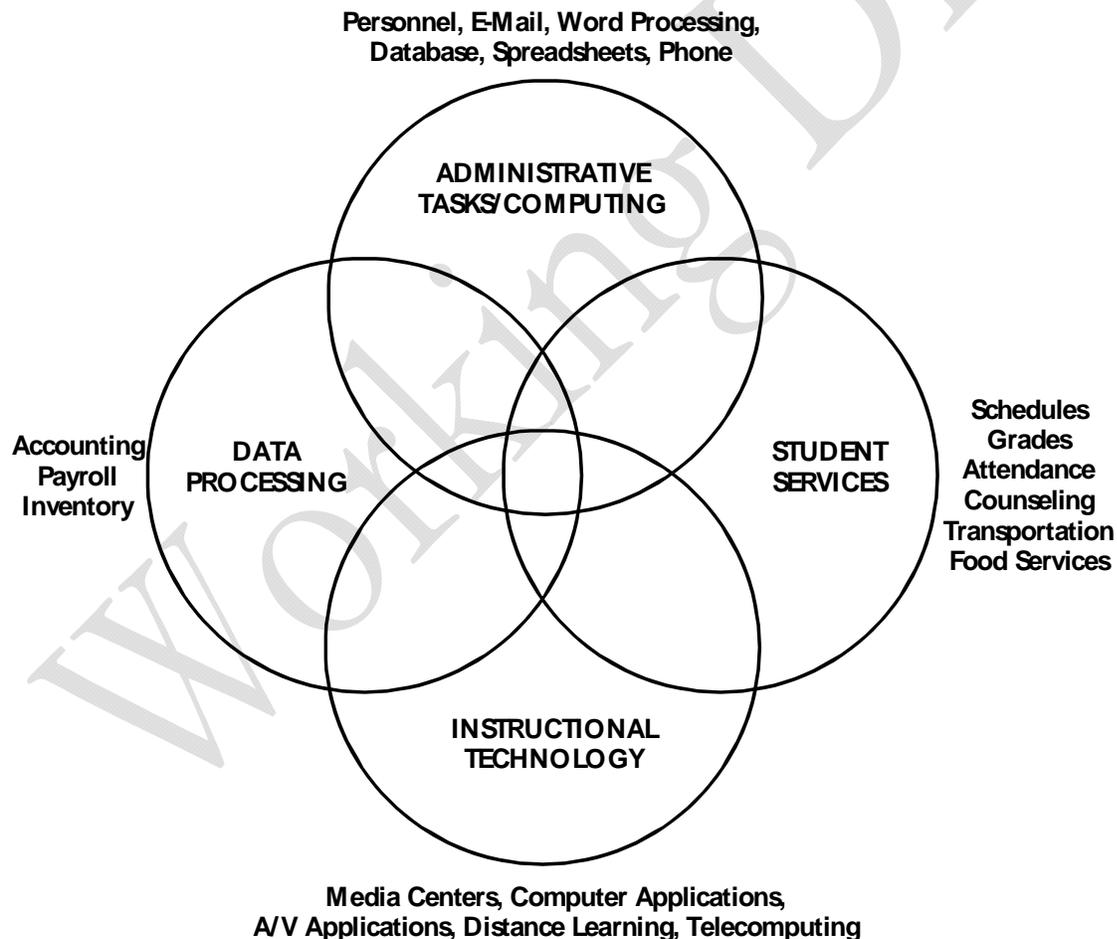


## Technology

The implementation of a voice, data, and video telecommunications system throughout schools is fast becoming a standard across the country. Appropriate and strategically designed and installed technology will greatly enhance the teaching and learning of basic skills and position a school to take advantage of technological developments in the future. All classrooms should be multi-use/multi-purpose with invisible technological support. There should be a seamless web of technology to support the classroom management between administration, teachers, students, and the home.

Current voice, data, and video systems can provide leadership, instruction, data management, and student services which go far beyond the systems that were constructed as recently as the late 1980's. As home and business worlds move into higher levels of technological applications, it is critical for schools to be able to integrate technology into the teaching and learning processes.

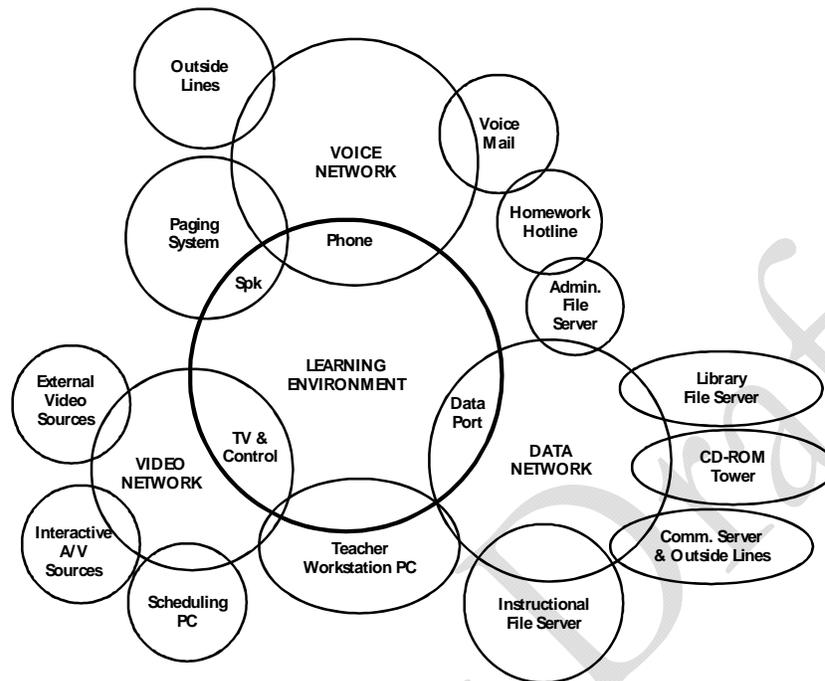
Technology has four primary applications within the school environment. These applications have the potential for a positive impact on every aspect of the educational processes found in schools. The following diagram provides a visual of how the four primary applications interface with each other and some examples of educational applications in each area.





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The following graphic demonstrates several applications where technology is providing essential support.



Technology can support multiple instructional designs:

**Whole Group Instruction** (20-30 students)

This includes the use of overheads, VCRs, LCD displays, video stills, and various forms of computer display techniques.

**Small Group Instruction** (6-8 students)

This includes areas in the classroom and in shared common spaces where a teacher or another resource person can work with groups of 6-8 students. The technology is essentially the same as whole group instruction technology, the only difference being the size of the groups.

**Individualized Instruction** (1-2 students)

This is primarily a computer-based instruction design where students interact with a computer workstation. As all forms of technology become more and more digitized, it is envisioned that these will become multimedia workstations that integrate voice, video, and data formats.

In the future, it is likely that most end-user devised will be portable.

**Technology in every classroom:**

**Voice:** Telephone (IP) and voice communications in every classroom and throughout the entire building as well as to other persons in the school system and external resources including parents and community members.

**Data:** Data retrieval capabilities in every classroom and throughout the building as well as network capabilities district-wide and to other external databases. (wireless)



Video: Video distribution in every classroom and throughout the building with interactive video capabilities to support whole and small group instruction, distance learning, and providing access to a wide range of internal and external resources. Appropriate school-wide infrastructure is needed.

Audio enhancement: Some spaces will need audio enhancement capability based on size, location or activity.

Teacher Equipment: Teachers should have a mobile 'multi-media work station' (computer, document reader, projection devise, printer, modem for wireless access to classroom computers).

Students Equipment: Some rooms will be designed predominantly for computer use. Others will be designed for multi-purpose activities and easy computer access. All classrooms will have wireless capability to allow for occasional lap top computer use.

## Printing

DCPS is moving toward networked printing with the majority of computer printouts in centralized workrooms. Unless otherwise indicated all classrooms and offices will be networked as follows:

- Central Workroom (print shop)
- Academy Workrooms



## **Safety & Security**

DCPS wants to maintain an inviting and de-institutionalized environment, while simultaneously providing a safe environment for students, staff, and community who use the facility and adjacent support services. The organization of a building will have a major impact on student behavior and safety concerns. Building security can be addressed in an active or a passive manner. Active security is based on security systems; passive security is based on program design, building configuration, and community participation. Schools should be based on passive concepts with applied active concepts where necessary.

Organizing a building into teams results in a number of changes which will reduce behavior problems. Since the greatest number of discipline problems in a school occurs when students switch classes and have to travel from one end of the building to the other, having students spend the majority of their day in one section of the building, reducing movement, will result in fewer discipline problems.

### **Building Layout**

Avoid blind spots, corners, and cubby holes  
Locate administrative and teacher preparation with good visual contact of major circulation areas (i.e., corridors, cafeteria, bus drop-off, parking)  
Develop spatial relationships that are natural transitions from one location to another  
Design toilets to balance the need for privacy with the ability to supervise  
Locate areas likely to have significant community (after school) use close to parking and where these areas can be closed off from the rest of the building

### **Types of Building Materials**

Use durable wall surfaces that are easy to clean so graffiti can be removed  
Incorporate pitched roofs which inhibit roof entry and are aesthetically pleasing  
Limit size of windows – use multiple smaller windows rather than one large window  
Install non-slip floors at point of entry

### **Uses of Technology**

Phones in every instructional and support area  
Building-wide all-call designed to be heard throughout the school and on the play fields  
Motion or infra-red detectors, which can also be configured to conserve lighting costs  
Video cameras both inside and outside of the building  
Key systems that track users

### **Vehicular and Pedestrian Traffic**

Separate student (pedestrian) traffic flow

### **Landscaping, Play/Practice Fields, Site, and Lighting**

Use high trees and low bushes (less than three feet high) to deter hiding  
Use aesthetically pleasing fencing around perimeter of the building  
Provide security lighting around building and parking lots with photocell timer with on/off  
Locate athletic facilities away from building



## Performance Criteria

All new and modernized schools will meet the following performance criteria for lighting, air quality, acoustics and Technology.

Lighting Quality: Improving natural and artificial lighting in classrooms

|  | DESIGN PARAMETERS      | PARAMETER NOTES    |
|--|------------------------|--------------------|
| 1) Controlled Natural Lighting (Glazing) | 10 - 12% of floor S.F. | LEED & Green Globe |
| 2) Artificial Light                      | 35-50 Foot-candles     | IES                |

Environmental / Air Quality: Addressing temperature control, ventilation, air filtration, carbon dioxide levels, and HVAC background noise to ensure comfortable rooms.

|                                | DESIGN PARAMETERS                  | PARAMETER NOTES                 |
|--------------------------------|------------------------------------|---------------------------------|
| 1) Winter Temperature          | 68.5 to 75.5 degrees               | EPA 2000 & ASHRAE 55-04         |
| Summer Temperature             | 74 to 80 degrees                   |                                 |
| 2) Humidity                    | 30 % to 60% relative humidity      | EPA 2000 & ASHRAE 55-04         |
| 3) Air Changes                 | 6-10 per hour                      | ASHRAE                          |
| 4) Outdoor Air Ventilation     | 10CFM per person                   | Plus 0.12 per SF of area        |
| 5) Air Filtration              | MERV 13                            | LEED                            |
|                                | MERV 6 to 8                        | ASHRAE 52.2-2007 &<br>62.1-2007 |
| 6) Carbon Dioxide Levels       | Below 700 PPM above<br>outdoor air | ASHRAE 62.1-2007                |
| 7) HVAC Background Noise Level | RC(N) Mark II level of 37          | ASHRAE Handbook<br>Chapter 47   |

Acoustics: Limiting reverberation and background noise and improving sound isolation.

|                             | DESIGN PARAMETERS         | PARAMETER NOTES    |
|-----------------------------|---------------------------|--------------------|
| 1) Reverberation            | .6 per second             | (ANSI S12.60-2002) |
| 2) Background Noise         | 45 dBA                    | (LEED)             |
| 3) Sound Isolation (Varies) | STC 45 between Classrooms |                    |



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Technology: Providing data connections for online learning resources, AV equipment, closed-circuit televisions, and a sound system with emergency capabilities.

| DESIGN PARAMETERS                    |  | PARAMETER NOTES   |
|--------------------------------------|--|---|
| 1) Data / Computer Drops             |  | At Teacher and Student Computers<br>at wireless access points for mobile cart |
| 2) Audio / Video Equipment           |  |   |
|                                      | Projector linked to Teacher's PC               |   |
|                                      | Video Format Screen                            |   |
|                                      | Interactive Whiteboard (as specified)          |   |
|                                      | Sound Enhancement                              | Amplifier, microphone, speakers   |
| 3) Clock                             |  | Synchronized with Bell system   |
| 4) Sound System & Emergency Call-box |  |   |
|                                      | Ceiling or Wall Speaker                        | Class change bells, emergency announcements                                   |
| 5) CCTV Camera                       |  |   |
|                                      | Security, WebX conferencing, Distance Learning |   |



## Energy and Environmental Design

There is interest in using the LEED certified school building as a teaching tool to teach environmental stewardship and awareness, while simultaneously providing an engaging environment for students, staff, and community who use the facility. The organization, understanding and use of a building will have a major impact on student and staff conservation behavior.

The sustainable design and green features of the building can be addressed in an active or a passive manner: active interaction is based on digital displays, educational features and curriculum integrated learning about environmental issues; passive interaction is based on the program design, building configuration, green building features, and energy efficient building automation.

### Passive Concepts

#### 1. Building Layout

- Concentrate daylight and views to the outside to areas of frequent human interaction (e.g. classrooms, cafeterias, media center, art rooms, music rooms) with passive solar design
- Avoid excessive window areas in corridors, lobbies, hallways with no gathering opportunities (design for less than 45% of wall area)
- Avoid skylights and use roof monitors with vertical glazing instead

#### 2. Types of Building Materials

- Use durable wall surfaces that are easy to clean
- Design for cleanability with easy and safe access
- Incorporate light colored pitched roofs to prevent heat gain and leakage
- Install high performance walk-off mats at all points of entry
- Design with noise minimization in mind

#### 3. Uses of Technology

- For instructional and administrative purposes, the new school should have extensive technology systems. These same infrastructures and technology components can be used to enhance the perception of the buildings environmental components. Digital display of buildings energy and water use at entrance and in cafeteria
  - Website with environmental features of the school
  - Use only vacancy sensors for classrooms, cafeteria etc. to turn off (not on) lighting
  - Daylight sensors and dimming in larger areas (cafeteria, multi-purpose etc.)

#### 4. Vehicular and Pedestrian Traffic

- Provide sufficient, covered and secure bicycle storage
- Provide bicycle lanes to building from all major access directions

#### 5. Landscaping, Play/Practice Fields, Site, and Lighting

- Use native high trees and low bushes and ground covers and locate to provide shade to the building
- Non-intrusive lighting of all areas (not correctional-type lighting) according to the Light Pollution Credit in LEED-S with no lighting to leave property line



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**6. Green Curriculum**

- Provide outdoor classroom
- Design interior with sense of buildings orientation to North – East – South - West

**Active Concepts**

**1. Building Layout**

- Provide signage to educate users about interior and exterior green building features throughout
- Provide signage for user behavior modification, e.g. DCPS policy for thermostat settings, reminders to turn equipment off when not in use
- Provide visitor map with floor plan for location and explanation of green building features

**2. Types of Building Materials**

- Provide view window to inside of wall constructions and mechanical room
- Provide materials with environmental message in selective areas, e.g. 100% recycled post consumer plastic toilet compartments, wheatboard cabinets, or furniture made of wood harvested from school site, and explain with signage.

**3. Uses of Technology**

- For instructional and administrative purposes, the new school should have extensive technology systems. These same infrastructures and technology components can be used to enhance the perception of the buildings environmental components.
- Green morning announcement with update on energy and water use
- Student conducted energy audits
- School based resource conservation program with frequent feedback to users

**4. Vehicular and Pedestrian Traffic**

- Provide preferred parking for DCPS Green Fleet (for carpooling and fuel efficient vehicles)

**5. Landscaping, Play/Practice Fields, Site, and Lighting**

- Design for no-mow areas
- Design for student garden
- Provide solar or wind powered, off the grid site lighting as demonstration model for select areas

**6. Green Curriculum**

- LEED credit Schools as a Teaching Tool requires 10 hours of instruction per student, grade and school year on environmental issues related to the school building. The school buildings design should support this requirement wherever possible.



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### Space Requirements Summary

| Base Required Space   | Teaching Stations | Square Footage |
|---|-------------------|----------------|
| Core Academic/Science   | 32                | 43,210         |
| Special Education   | 10                | 10,500         |
| Media Center  | 0                 | 4,550          |
| Visual Arts   | 1                 | 1,650          |
| Performing Arts   | 2                 | 12,820         |
| ROTC  | 1                 | 2,250          |
| Family Support Center   | 1                 | 3,070          |
| PE/Health   | 3                 | 24,850         |
| Administration Services   | 0                 | 5,305          |
| Health Suite  | 0                 | 1,893          |
| Pathway Centers   | 0                 | 5,650          |
| Student Dining & Food Service   | 0                 | 9,750          |
| STAY Classrooms and Administration  |                   | 7,550          |
| Engineering & Custodial Services  | 0                 | 2,200          |
| Building Support Areas [corridors, bathrooms, storage, stairwells, elevators] |                   | 53,092         |
| <b>Total</b>  |                   | <b>188,340</b> |
| Construction Factor   |                   | .095           |
| <b>Gross Total*</b>   |                   | <b>204,447</b> |

\*Gross sq does not reflect stadium support facilities (if needed) nor any renovations to pool area (if needed). The scope may need to reflect minor repairs or renovation in these areas.

### Site Requirements

| Priority One  |        |
|---|--------|
| Stadium Field   |        |
| Press Box [10 - 15 people in three sections]                        | 600 SF |
| Concessions/Restrooms   | 900 SF |
| Exterior Grounds Equipment Storage [secure]                         | 200 SF |
| Ticket Booth  | 60 SF  |
| 400 Meter Track - 200 Meter Straight                                |        |
| Bleacher Seating as is  |        |
| Long Jump & Triple on one side, Pole Vault Pit, Shot Put            |        |
| Multi-purpose field for football, soccer and lacrosse (if feasible) |        |
| Parking (100 staff and 16 visitor)                                  |        |

### Space Requirements Summary

| Pool  | Teaching Stations | Square Footage<br>10,000 est. SF |
|---|-------------------|----------------------------------|
| Pool (8 Lane 25 Yards)                      | 1                 | As is                            |
| Support Space (office, mechanical, storage) | 0                 | As is                            |
| Lockers/showers                             | 0                 | As is                            |



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### Core Academic Area Space Requirements

| Space                                    | Design Guideline |         |               | Comments   |
|--|------------------|---------|---------------|--|
|  | Qty.             | S.F.    | Total         |  |
| Academic Classroom                       | 22               | 800-850 | 17,600        |  |
| Online Learning/Distance Learning Center | 2-3              | varies  | 2,000         |  |
| Science Lab (wet)                        | 3                | 800     | 6,400         | Labs flanked by classrooms   |
| Science classrooms                       | 5                | 800     |               |  |
| Science Prep                             | 3                | 200     | 600           |  |
| Chemical/ department storage             | 1                | varies  | 100           |  |
| Greenhouse                               | 1                | 400     | 400           |  |
| Physics Lab                              | 1                | 1300    | 1300          |  |
| Independent study resource areas         | 3                | 800     | 2,400         | 1) In media center<br>2) Near cafeteria<br>3) In 9 <sup>th</sup> grade academy |
| CTE Labs                                 |                  |         |               |  |
| • Culinary Arts                          | 1                | 6,000   |               |  |
| • Hospitality and tourism                | 2                | 900     | 7,800         |  |
| • Finance                                |                  |         |               |  |
| Alternative education classroom          | 1                | 600     | 600           |  |
| <b>Academy Support Suite</b>             |                  |         |               | Three grade level academies, ELL   |
| Staff Offices                            | 4                | 120     | 480           |  |
| Teacher Workroom/meeting rm.             | 4                | 400     | 1600          |  |
| Storage                                  | 4                | varies  | 800           | Department (English, math, SS, ELL)  |
| Book Storage                             | 2                | 300/500 | 800           |  |
| Central workroom                         | 1                | 500     | 500           |  |
| <b>Total</b>                             |                  |         | <b>42,780</b> |  |

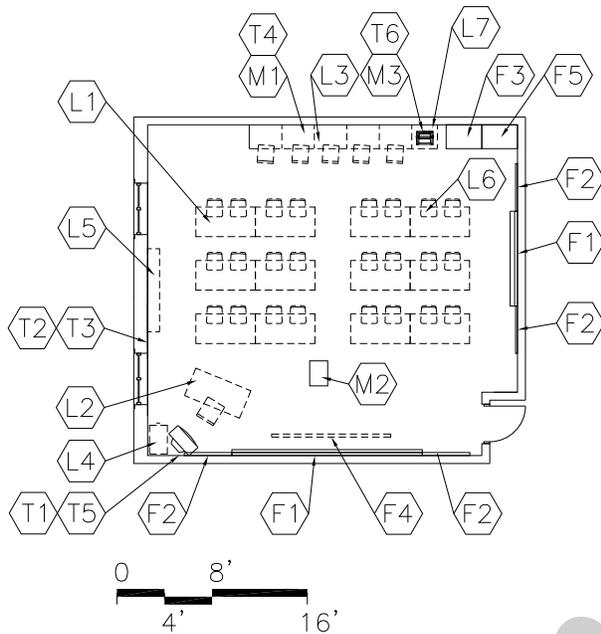
| Specialty Rooms           |      |      |            | Comments |
|---------------------------|------|------|------------|----------|
|                           | Qty. | S.F. | Total      |          |
| School Store              | 1    | 230  | 230        |          |
| Student Government Office | 1    | 200  | 200        |          |
| <b>Total</b>              |      |      | <b>430</b> |          |



GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES

**CORE ACADEMIC CLASSROOM (Includes Hospitality and Finance Classrooms)**

**H-AC-1**



**CAPACITY:**

- 21-28 students
- 1 staff member
- Guest speakers and volunteers

**SIZE:**

- 800-900 SF

Note: Larger classrooms may have the following additional spaces:

Foreign Language: 8 computer stations with 'sound attenuating workstations'

**GOAL:**

- To provide flexible space to accommodate any of the core academic disciplines

**PROGRAM ACTIVITIES:**

- Large group, small group, and hands-on activities and instruction
- Oral presentations
- Computerized instruction
- Team teaching

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Windows to provide natural light and egress
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
  - Reverberation Time: .4-.6 seconds
- Electrical outlets for equipment
- Comfortable rooms with pleasant décor that contribute to an atmosphere conducive to creativity
- Proportion classroom for effective viewing and listening from all areas of the classroom
- Window treatment to darken room for AV presentations
- Plan for two teaching walls 1) White board 2) interactive board

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.



GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES

**CORE ACADEMIC CLASSROOM**

**H-AC-1**

|  | Spec.<br>Ref.#  |  | Spec.<br>Ref.# |
|--|-----------------|--|----------------|
| <u>Finishes<sup>1</sup>:</u>               |                 |  |                |
| <u>Flooring:</u>                           |                 | <u>Fire Suppression:</u>   |                |
| Resilient tile flooring                    | 096519          | Fire suppression system  | Div. 21        |
| <u>Base:</u>                               |                 | <u>HVAC:</u> Div. 23   |                |
| Resilient base                             | 096519          | Supply/return air system   |                |
| <u>Ceiling: (9' high minimum)</u>          |                 | Independent temperature control                                  |                |
| Suspended, acoustical                      | 095113          | <u>Electrical:</u> Div. 26                                       |                |
| <u>Walls:</u>                              |                 | Fluorescent lighting   |                |
| Painted concrete masonry units or dry wall | 042000 / 099123 | Illumination level: See Table 7600-16                            |                |
| <u>Loose Furnishings:</u>                  |                 | Multilevel switching   |                |
| L1 21-28 Student tables/chairs             |                 | Duplex receptacles   |                |
| L2 One - two teacher desks and chair       |                 | 3 per primary teaching wall                                      |                |
| L3 3-5 Computer workstation furniture      |                 | At least 2 per other walls                                       |                |
| L4 1, four-drawer locking file cabinet     |                 | TVSS protected quad receptacle                                   |                |
| L5 Adjustable height bookshelves (24 LF)   |                 | adjacent to data and video ports                                 |                |
| L6 Additional student tables/chairs        |                 | Central sound system   |                |
| Wastebasket                                |                 | Clock  |                |
| <u>Features:</u>                           |                 | <u>Communications:</u>   | Div. 27        |
| <u>Fixed Equipment:</u>                    |                 | Single point 'face plate' near teachers work station to include: |                |
| F1 Marker boards (24 LF)                   | 101100          | Voice, data, VGA , audio enhancement, and HDMI                   |                |
| F2 Tack boards (16-24 LF)                  | 101100          | Additional ports:  |                |
| Tack strip                                 |                 | Printer  |                |
| F3 Casework:                               | 123200          | Cable/MATV port  |                |
| Tall cabinets                              |                 | 5 data ports for student use                                     |                |
| F4 Manual projection screen                | 115213          | Ceiling mounted LCD projector                                    |                |
| F5 Casework:                               | 123200          | Clock/PA   |                |
| Wardrobe                                   |                 | 2 wireless   |                |
|  |                 | <u>Electronic Safety and Security:</u>                           | Div. 28        |
|  |                 | Life safety devices per code                                     |                |
|  |                 | <u>Miscellaneous:</u>  |                |
|  |                 | M1 Multi-media cart  |                |
|  |                 | M2 Printer   |                |
|  |                 | M3 3-5 computers for student use                                 |                |
|  |                 | M4 Laptop computer for teacher use                               |                |
|  |                 | Document camera  |                |
|  |                 | Audio enhancement equipment                                      |                |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications - Technology, Section 1240.



## SCIENCE WET LAB/CLASSROOMS

No Picture

### CAPACITY:

- 21-28 students
- Teachers
- Staff

### SIZE:

- 800 Wet labs SF
- 800 SF classrooms (2 per lab)

### ANCILLARY SPACES:

- Science Prep

### SPATIAL RELATIONSHIPS:

- Lab stations may be peripheral or islands
- Three Generic labs (green house near)
- Two chemistry lab
- One physics lab

### GOALS:

- Flexible space and layout to support delivery of entire science curriculum
- To help students become critical thinkers, problem solvers, and lifelong learners
- To help students become aware of the physical and biological world

### PROGRAM ACTIVITIES:

- Large and small group instruction
- Experimentation and hands-on activities
- Data collection and analysis
- Computer simulations and instruction

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting multilevel controls
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
  - Reverberation Time: .4-.6 seconds
- Electrical outlets for equipment
- Window treatment to darken room for AV
- Adequate ventilation

### BUILT-IN EQUIPMENT – Biology Labs:

- A demonstration table (30" X 5 ft.) with a top of black epoxy resin.
- Technology, marker boards and screens same as regular classroom
- An ultrasonic goggle sterilizer
- Six (6) lab stations - Each lab station will have epoxy resin counter tops with two (2) GFI equipped electrical outlets and two data ports. Each lab station will accommodate four (4) students.
- Labs must be free of barriers that would prevent access by the handicapped. Science laboratories shall have a minimum of at least one worktop set at a height to serve the physically handicapped.
- The lab shall be equipped with a fire extinguisher (ABC type), first aid kit, a shower/eye wash stations and a fire blanket.

### BUILT-IN EQUIPMENT – Physics:

- A demonstration table (30" X 5 ft.) with a top of black epoxy resin.
- Technology, marker boards and screens same as regular classroom
- This lab will have six (6) lab stations with large open workspaces, allowing for four-student teams. Each lab station will have epoxy resin counter tops, GFI equipped electrical outlets, and 2 data ports for a portable computer/device. These are dry stations. The arrangement will allow the instructor a clear view of all student lab stations.
- No storage cabinets will be built over counters.
- Science laboratories shall have a minimum of at least one worktop set at a height to serve the physically handicapped.
- The lab shall be equipped with a fire extinguisher (ABC type), first aid kit, a shower/eye wash stations and a fire blanket.
- A lab preparation workspace shall be located along one wall. This workspace shall be approximately 6 ft. long with 2 sinks and cabinets above and below.



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**BUILT-IN EQUIPMENT – Chemistry:**

- A demonstration table (30" X 5 ft.) with a top of black epoxy resin.
- Technology, marker boards and screens same as regular classroom
- An ultrasonic goggle sterilizer
- Six (6) lab stations - Each lab station will have epoxy resin counter tops with a trough sink, faucet, gas jet and GFI equipped electrical outlets. The water and gas shall be at table level. The trough sink area shall be without an elevated shelf and include a cover. This arrangement will allow the instructor a clear view of all student lab stations. Each lab station will accommodate 4 students.
- Storage cabinet with glass doors will be built over counters.
- A fume hood (nominal 30" x 60" footprint) shall be provided in the lab. Make-up air shall be provided to compensate for the fume hood exhaust.
- Labs must be free of barriers that would prevent access by the handicapped. Science laboratories shall have a minimum of at least one worktop set at a height to serve the physically handicapped.
- The lab shall be equipped with a fire extinguisher (ABC type), first aid kit, a shower/eye wash stations and a fire blanket.

**BUILT-IN EQUIPMENT – Classrooms:**

|    |   |        |
|----|---|--------|
| F1 | Mobile teacher demonstration table with utilities |        |
| F2 | Marker board (8-16 LF)                            | 101100 |
| F4 | Tack board (8-16 LF)                              | 101100 |
| F5 | Manual projection screen                          | 115213 |
| F6 | Soap dispenser                                    | 102800 |
| F7 | Towel dispenser                                   | 102800 |
| F8 | Casework:   |        |
|    | Wardrobe  | 123200 |
|    | Regular classroom furniture                       |        |

**Communications for Lab and classrooms**

Single point 'face plate' near teachers work station to include:

Voice, data, VGA , audio enhancement, and HDMI

Additional ports:

Printer (classrooms)

Cable/MATV port (classrooms)

5 data ports for student use

(classrooms)

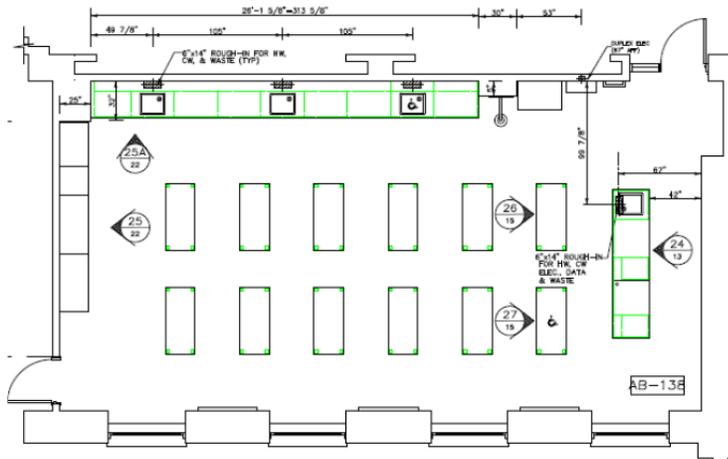
Ceiling mounted LCD projector

Clock/PA

2 wireless



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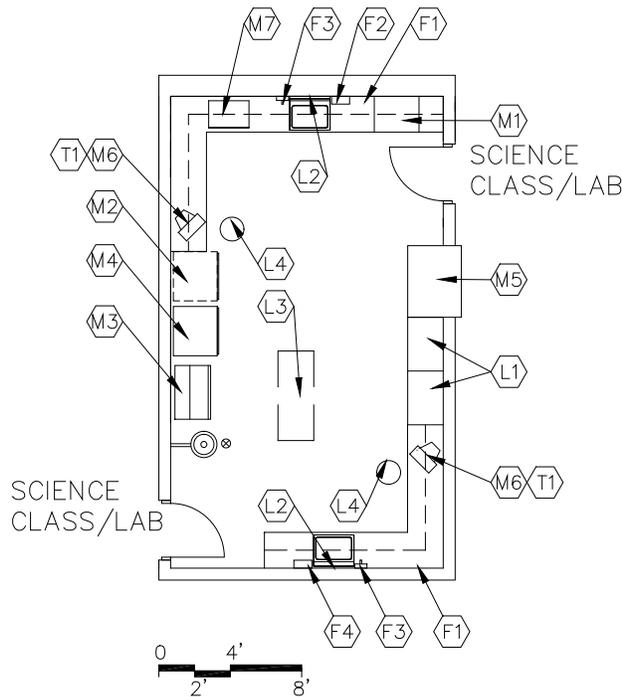
Labs





GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES

**SCIENCE PREP ROOM**



**CAPACITY:**

- 1 or 2 staff members
- Student assistants

**ANCILLARY SPACES:**

- Science Classroom/Lab

**GOAL:**

- To allow for lab preparation

**PROGRAM ACTIVITIES:**

- General lab preparation
- Store equipment
- Set up experiments

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to two Science Classrooms/Labs
- Near Teacher Center/ Workroom

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:
  - Wall Minimum: STC 45
  - Ceiling Minimum: CAC 35
- Adequate ventilation/exhaust
- Electrical outlets for equipment
- Duplex electrical outlets in raceway above countertop

**BUILT-IN EQUIPMENT**

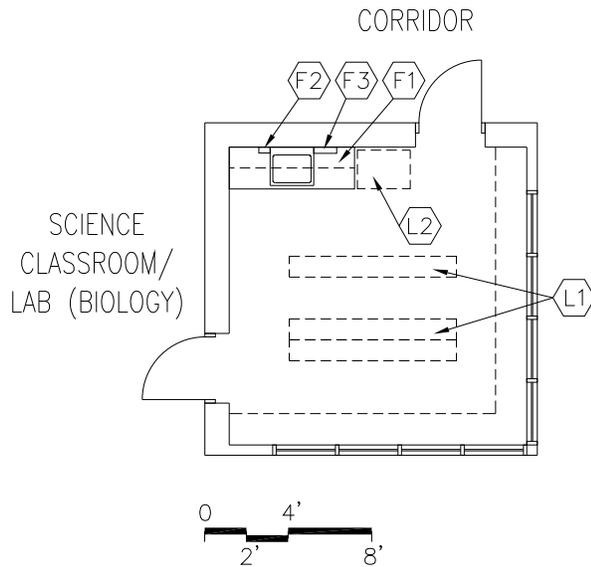
- All counter tops in the storage/ prep room shall be black epoxy resin.
- A lab preparation workspace shall be located along one wall of the storage/ prep room. This workspace shall be approximately 4 ft. wide and 15 ft. long.
- The lab preparation workspace requires a large sink with disposal unit and hot and cold-water faucets, a refrigerator and cabinets above and below (some lockable for microscopes)
- The rest of the prep area will include shelving and cabinets
- The prep rooms shall be equipped with a fire extinguisher (ABC type).
- The chemistry prep room will have a dishwasher for glassware, a water distillation unit that is permanently mounted with plumbing and electrical hook up and a drying oven, centrifuge and autoclave



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**GREENHOUSE**

**H-AC-8**



**CAPACITY:**

- Staff
- Students

**ANCILLARY SPACES:**

- Science Classroom/Lab (H-ACA-5)

**GOAL:**

- To provide an area for students to conduct biology and botany activities

**PROGRAM ACTIVITIES:**

- Biology
- Botany
- Horticulture
- Environmental source

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Science Classrooms/Labs (biology/botany)
- Access to corridor

**ENVIRONMENTAL CONSIDERATIONS:**

- Lighting to support plant growth
- Moisture and stain-resistant finishes
- Adequate ventilation/exhaust
- Electrical outlets for equipment

Finishes<sup>1</sup>:

Flooring:

Earth/pavers 033000

Base:

Resilient base 096519

Ceiling:

Glazed structure 133413

Walls:

Glazed structure 133413

Loose Furnishings:

- L1 Plant shelving
- L2 Chemical storage cabinet

Fixed Equipment:

- |                    |        |
|--------------------|--------|
| F1 Casework:       |        |
| Base/wall cabinets | 123200 |
| F2 Soap dispenser  | 102800 |
| F3 Towel dispenser | 102800 |

Plumbing:

Div. 22

- Plumbing connections
- Floor drain
- Sink
- Hose bib

HVAC:

Div. 23

- Supply air system
- Independent temperature control
- Thermostatically controlled exhaust

Electrical:

Div. 26

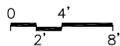
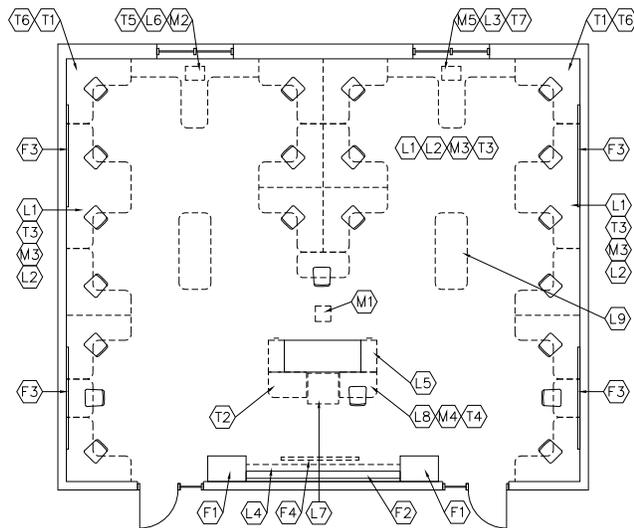
- Single level switching
- Fluorescent lighting: Illumination level: See Table 7600-16
- Duplex receptacles

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.



## TECHNOLOGY/DISTANCE LEARNING



A technology center should be located centrally and include three activity areas that can be one open space with one supervision point or three separate areas - In total there should be 60 computers and an area for distance learning

### CAPACITY:

- 20-30 students each
- Staff member
- Guest speakers/volunteers

### GOALS:

- To provide students with a diversified approach to uses of technology and technology education in which students will work individually and in teams
- Emphasis on problem solving, technology literacy, and communication skills
- Independent study

### PROGRAM ACTIVITIES:

- Large and small group instruction
- Hands-on activities
- Oral presentation
- Team teaching
- Computerized instruction

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting with multilevel controls
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
  - Reverberation Time: .4-.6 seconds
- Electrical outlets for equipment
- Comfortable rooms with pleasant décor that contributes to an atmosphere conducive to creativity
- Windows desirable, provide treatment to darken if windows are provided

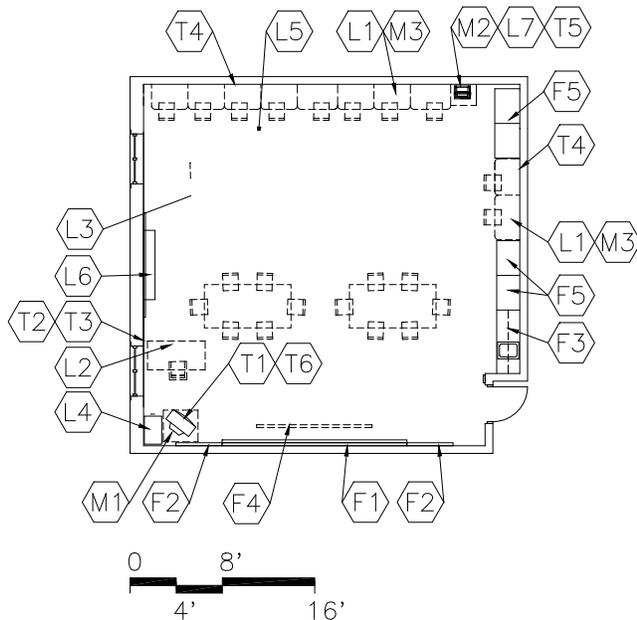
### TECHNOLOGY

- Provide a permanent 'teacher's center' with effective viewing and listening from all areas of the classroom; Assume a multimedia station with document reader.
- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability
- Interactive white boards



GOVERNMENT OF THE DISTRICT OF COLUMBIA  
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**INDEPENDENT STUDY RESOURCE LAB**



**CAPACITY:**

- Up to 24 students
- 1 staff member
- Guest speakers

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

N/A

**GOAL:**

- To provide flexible space as a resource area for interdisciplinary activities, independent study and resting

**PROGRAM ACTIVITIES:**

- Small group instruction
- Computerized instruction
- Tutoring
- Special testing

**SPATIAL RELATIONSHIPS:**

- Near Cafeteria
- Near 9<sup>th</sup> grade academy
- In Media Center

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Windows to provide natural light and egress
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
  - Reverberation Time: .4-.6 seconds
- Electrical outlets for equipment
- Comfortable rooms with pleasant décor that contribute to an atmosphere of quiet study
- Window treatment to darken room for AV presentation

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.



GOVERNMENT OF THE DISTRICT OF COLUMBIA  
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**INDEPENDENT STUDY RESOURCE LAB**

| <u>Finishes<sup>1</sup>:</u>                            | <u>Spec.<br/>Ref.#</u> | <u>Fire Suppression:</u>  | <u>Spec.<br/>Ref.#</u> |
|---|------------------------|---|------------------------|
| Flooring:   |                        | Fire suppression system   | Div. 21                |
| Vinyl composition tile                                  | 096519                 |   |                        |
| Base:   |                        | <u>Plumbing:</u>  | Div. 22                |
| Resilient base  | 096519                 | Single, deep sink   |                        |
|   |                        | Plumbing connections  |                        |
| Ceiling: (9' high minimum)                              |                        | <u>HVAC:</u>  | Div. 23                |
| Suspended, acoustical                                   | 095113                 | Supply/return air system  |                        |
| Walls:  |                        | Independent temperature control   |                        |
| Painted concrete masonry units or dry wall              | 042000 / 099123        |   |                        |
|   |                        | <u>Electrical:</u>  | Div. 26                |
| <u>Loose Furnishings:</u>                               |                        | Fluorescent lighting  |                        |
| L1 10-15 computer workstations                          |                        | Illumination level: See table 7600-16   |                        |
| L2 Teacher desk and chair                               |                        | Multilevel switching  |                        |
| L3 4 square tables                                      |                        | Duplex receptacles  |                        |
| L4 1, 4-drawer file cabinet                             |                        | 3 per wall  |                        |
| L5 24-30 chairs (some soft seating in the media center) |                        | TVSS protected quad receptacle adjacent to data and video ports                                   |                        |
| L6 Adjustable height bookshelves (24 LF)                |                        | Central sound system  |                        |
| L7 Printer table  |                        | Clock   |                        |
| Wastebasket   |                        |   |                        |
|   |                        | <u>Communications:</u>  | Div. 27                |
| <u>Features:</u>  | <u>Spec.<br/>Ref.#</u> | Single point 'face plate' near teachers work station to include:                                  |                        |
| Fixed Equipment:  |                        | Voice, data, VGA , audio enhancement, and HDMI  |                        |
| F1 Marker board (16 LF)                                 | 101100                 | Additional ports:   |                        |
| F2 Tack board (8-16 LF)                                 | 101100                 | Printer   |                        |
| F3 Casework:  |                        | Cable/MATV port   |                        |
| Base/wall cabinets                                      | 123200                 | 15 data ports for student use   |                        |
| F4 Manual projection screen                             | 115213                 | Ceiling mounted LCD projector   |                        |
| F5 Casework:  |                        | Clock/PA  |                        |
| Tall lockable cabinets                                  | 123200                 | 2 wireless  |                        |
|   |                        | <u>Electronic Safety and Security:</u>  | Div. 28                |
|   |                        | Life safety devices per code  |                        |
|   |                        | <u>Miscellaneous:</u>   |                        |
|   |                        | M1 Multimedia cart with overhead projector, computer projector, and teacher's multimedia computer | Div. 27                |
|   |                        | M2 1 printer  |                        |
|   |                        | M3 10 computers for student use   |                        |
|   |                        | Audio enhancement equipment   |                        |

**NOTES:**

Finishes/Features: Refer to Chapter 8 for specification references.



GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES

**CTE Culinary Arts**

| Spaces                     | Description                                       | Proposed         |               |
|----------------------------|---|------------------|---------------|
|                            |   | Sq. Ft. Per Unit | Sq. Ft. Total |
| <b>Culinary Operations</b> |   |                  |               |
| 1                          | Culinary Operations Lab to include the following: |                  |               |
| 1                          | Review current equipment and evaluate layout      |                  | 3,500         |
| 1                          | in light of the teaching nature of the            |                  |               |
| 1                          | facility – consult staff                          |                  |               |
| 1                          | Classroom/Dining                                  |                  | 2,500         |
|                            | <b>Subtotal</b>                                   |                  | <b>6,000</b>  |

**Culinary Operations**

**Culinary Laboratory**

This program should be more centrally located to the day school and accessible after hours for the STAY program. The dining/classrooms should allow for multiple uses.

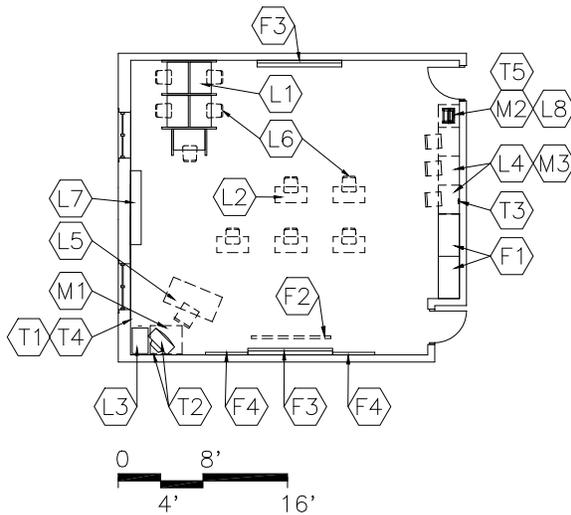
The existing equipment is in good condition and should be reviewed and refurbished as needed.

In the classroom provide full-size cabinets with adjustable shelves, lockable for linen and dinnerware.

| No. of Items | Contract Provided | FF&E | Description                       |
|--------------|-------------------|------|-----------------------------------|
| 10           |                   | X    | Dining Tables (6 tops)            |
| 60           |                   | X    | Chairs                            |
| 1            |                   | X    | Computer for teacher              |
| 1            | X                 |      | Tack Board, 4' x 4'               |
| 1            | X                 |      | 80" w x 60" h Video Format Screen |
| 1            | X                 |      | Clock                             |
| 1            | X                 |      | Multimedia cabinet/cart           |
| 1            |                   | X    | DVD/VCR combo                     |
| 1            | X                 | X    | Wireless LCD Projector            |
| 1            | X                 | X    | Sound Field Enhancement           |



## ALTERNATIVE ATTENDANCE CENTER



### CAPACITY:

- 1 staff member
- Up to 10 students

### SIZE:

- Varies

### ANCILLARY SPACES:

N/A

### GOAL:

- To provide flexible space to accommodate students who temporarily need a learning environment outside the regular classroom

### PROGRAM ACTIVITIES:

- Individual class work

### SPATIAL RELATIONSHIPS:

- Near Administrator's office
- Near Security Office

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Proportion classroom for effective viewing and listening from all areas of the classroom
- Windows to provide natural light and egress
- Window treatment to darken room for AV presentation

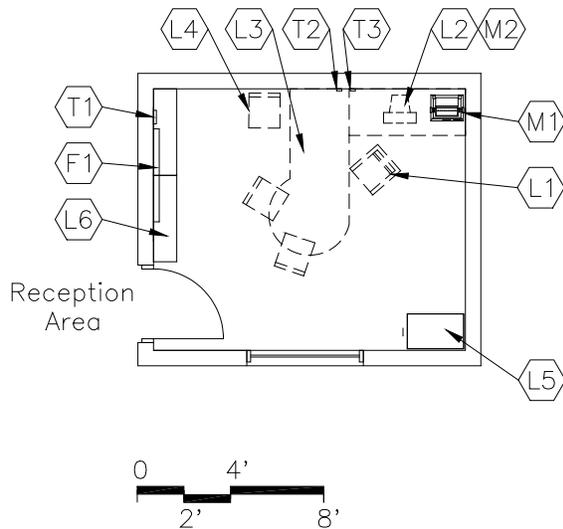
### TECHNOLOGY AND BUILT-IN EQUIPMENT

- Same as regular classrooms



**STUDENT SUPPORT PERSONNEL OFFICES**

**H-AC-15**



**GOAL:**

- To provide counseling and other student support services in a professional environment that is easily accessible to students, parents, staff, and community

**SPATIAL RELATIONSHIPS:**

- Within the Core academic Suite
- Adjacent and access to Reception Area

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light, desirable
- Auditory privacy

**CAPACITY:**

- Instructional personnel in ESL and reading
- Psychologists
- Social workers
- Counselors

**SIZE:**

- 150 SF

**ANCILLARY SPACES:**

- Workroom/Copy Center (H-AC-12)

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.



GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES

**STUDENT SUPPORT PERSONNEL OFFICES**  
**H-AC-15**

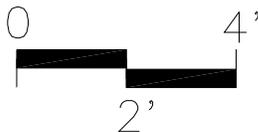
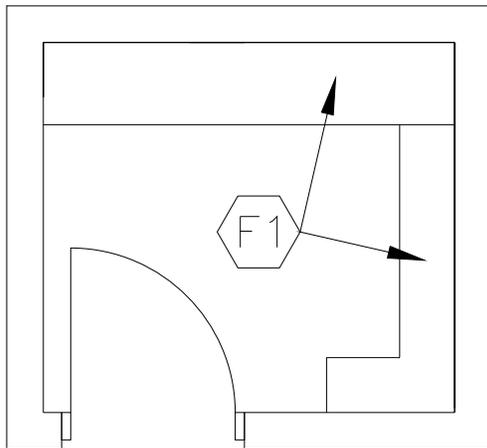
| <u>Finishes<sup>1</sup>:</u>                            | <u>Spec.<br/>Ref.#</u> | <u>Features<sup>1</sup>:</u>   | <u>Spec.<br/>Ref.#</u> |
|---|------------------------|--|------------------------|
| Flooring:   |                        | Fixed Equipment:   |                        |
| Resilient tile flooring                                 | 096519                 | F1 Tack board (4 LF) 101100  |                        |
| Base:   |                        | <u>Fire Suppression:</u>   | Div. 21                |
| Resilient base  | 096519                 | Fire suppression system  |                        |
| Ceiling:  |                        | <u>Plumbing:</u>   |                        |
| Suspended, acoustical                                   | 095113                 | N/A  |                        |
| Walls:  |                        | <u>HVAC:</u>   | Div. 23                |
| Painted gypsum wallboard<br>over metal studs            | 092116 / 099123        | Supply/return air system<br>Independent temperature control                |                        |
| <u>Loose Furnishings:</u>                               |                        | <u>Electrical:</u>   | Div.<br>26             |
| L1 Ergonomic task chair                                 |                        | Fluorescent lighting:<br>Illumination level: See Table 7600-16             |                        |
| L2 Computer workstation                                 |                        | Multilevel switching   |                        |
| L3 Desk   |                        | Duplex receptacles   |                        |
| L4 Guest chair  |                        | TVSS protected quad receptacles<br>adjacent to each data and<br>video port |                        |
| L5 4-drawer locking file cabinet                        |                        | Central sound system   |                        |
| L6 Adjustable height bookshelves (12 LF)<br>Wastebasket |                        | Clock  |                        |
|   |                        | <u>Communications<sup>2</sup>:</u>   | Div. 27                |
|   |                        | T1 1 cable/MATV port   |                        |
|   |                        | T2 1 voice port and phone  |                        |
|   |                        | T3 1 data port at workstation  |                        |
|   |                        | <u>Electronic Safety and Security:</u>                                     | Div. 28                |
|   |                        | Life safety devices per code   |                        |
|   |                        | <u>Miscellaneous:</u>  |                        |
|   |                        | M1 Printer   |                        |
|   |                        | M2 Computer  |                        |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications — Technology, Section 1240.



## STORAGE



### CAPACITY:

- Staff

### SIZE:

- Varies, see table

### GOAL:

- To provide a place for storage of supplies and equipment for departments (English, math, social studies and world languages)

### PROGRAM ACTIVITIES:

- Storing equipment and supplies

### SPATIAL RELATIONSHIPS:

- Adjacent and access to Workroom

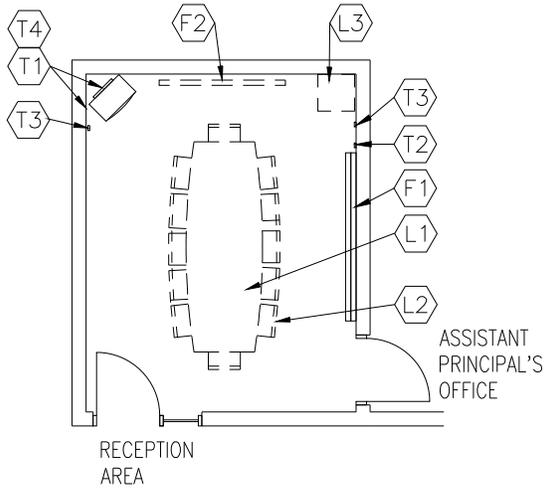
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate ventilation
- Security of equipment and supplies

Note: Some lockable storage should be located in the 10<sup>th</sup> grade academy for the mandatory test supplies. See staff for exact location and size.



## CONFERENCE ROOM



### CAPACITY:

- Staff
- Parents
- Students
- Visitors

### SIZE:

- Varies, see table
- 

### GOAL:

- To provide a place for administrative conferences or meetings

### PROGRAM ACTIVITIES:

- Conferencing with staff, students, parents, and visitors

### SPATIAL RELATIONSHIPS:

- Adjacent and access to Workroom

### ENVIRONMENTAL CONSIDERATIONS:

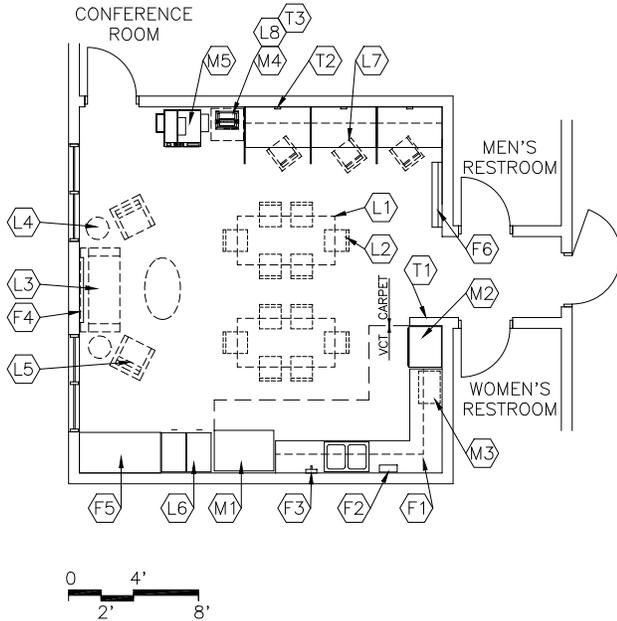
- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Auditory privacy
- Windows to provide natural light, desirable
- Window treatment to darken room for AV presentation

### TECHNOLOGY

- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability
- Design for computer aided presentations (electrical outlets from table for projection device, screen along short wall, light darkening capability)



## TEACHERS' WORKROOM



### CAPACITY:

- 16 teachers

### SIZE:

- 400 SQ FT

### ANCILLARY SPACES:

- Teacher's Conference Room

### GOAL:

- To provide space for teachers to carry out their administrative duties, prepare materials for class, access the Internet, lock up personal items, and to socialize and relax.

Note: Networked printers will be located in the workrooms.

### PROGRAM ACTIVITIES:

- Store files
- Grade papers
- Enter and access data
- Prepare lessons using computer, video, and other resources.
- Phone calls
- Eating lunch, socialize and relax

### SPATIAL RELATIONSHIPS:

- Located within Core Academic Areas
- Located near individual restrooms
- Adjacent and access to Conference Room
- Access from Corridor
- Interior area assumes four activities:
  - Relaxation (soft seating)
  - Individual prep (cubicles with computer support)
  - Tables for team meetings
  - Counter with sink and small refrigerator

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting with multilevel controls
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light (if feasible)

### TECHNOLOGY

- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability
- This room should support laptop computers

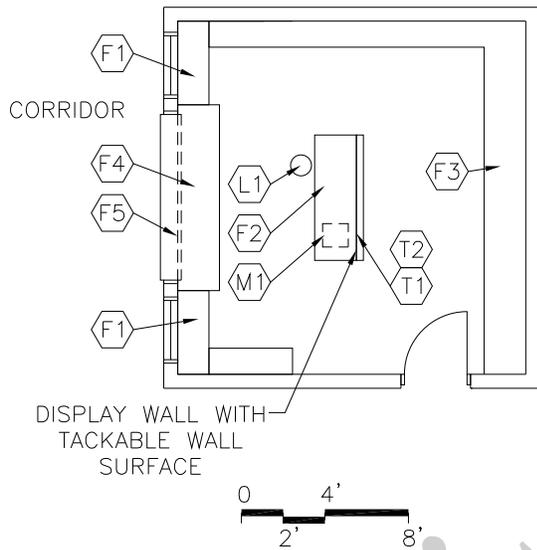
### BUILT-IN EQUIPMENT:

- Marker Boards (4 ft. X 4 ft.)
- A bulletin board (4 ft. X 4 ft.) should be provided if feasible.
- Kitchenette (double sink, cabinets above and below, outlets along counter, refrigerator)
- Counter top for sorting and cutting
- Clock



**SCHOOL STORE**

**H-AC-26**



**SPATIAL RELATIONSHIPS:**

- Near Gymnasium
- Near Student Dining

**ENVIRONMENTAL CONSIDERATIONS:**

- Adequate lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Floor layout should allow for effective processing of a large number of student requests for textbooks and supplies
- Space should be flexible for reconfiguration and dynamic for effective merchandising
- Accent lighting for merchandise displays
- Electrical outlets for equipment.

**CAPACITY:**

- 1 staff member
- 5-10 students

**GOALS:**

- To provide an opportunity for students, staff, and visitors to purchase school logo items and school supplies
- To provide a market for student-created items

**PROGRAM ACTIVITIES:**

- Ordering and inventory management
- Pricing and marking
- Marketing – including advertising, display, and sales

**Features<sup>1</sup>:**

**Fixed Equipment:**

|    |   | Spec.<br>Ref.# |
|----|---|----------------|
| F1 | Casework:<br>Display cases for merchandise          | 123200         |
| F2 | Casework:<br>Cash register stand                    | 123200         |
| F3 | Casework:<br>Locking cabinets for merchandise       | 123200         |
| F4 | Casework:<br>Countertop with<br>base cabinets below | 123200         |
| F5 | Coiling counter door                                | 083300         |

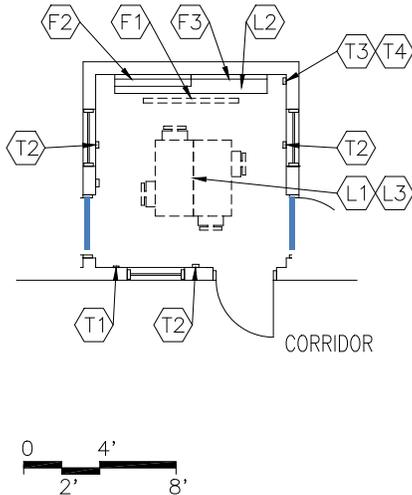
**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.



**STUDENT GOVERNMENT OFFICE**

**H-AC-4**



**CAPACITY:**

- 8-10 persons

**SIZE:**

- 200 SF

**GOALS:**

- To provide a space for students to meet and plan activities and store materials

**PROGRAM ACTIVITIES:**

- Students working on projects
- Small group activities

**SPATIAL RELATIONSHIPS:**

- Locate centrally for good visual supervision
- Off main street

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Visual access to Corridor

**Loose Furnishings:**

- L1 2 Tables
- L2 Adjustable height bookshelves (12 LF)
- L3 10 Chairs  
Wastebasket

**Features<sup>1</sup>:**

**Fixed Equipment:**

|    |                          | Spec.<br>Ref.# |
|----|--------------------------|----------------|
| F1 | Manual projection screen | 115213         |
| F2 | Marker board (4 LF)      | 101100         |
| F3 | Tack board (4 LF)        | 101100         |

**HVAC:**

- Supply/return air system
- Independent temperature control

Div. 23

**Electrical:**

- Fluorescent lighting:  
Illumination level: See Table 7600-16
- Duplex receptacles
- TVSS protected quad receptacle adjacent to each data and video ports
- Central sound system
- Clock

Div. 26

**Communications<sup>2</sup>:**

|    |  | Div. 27 |
|----|--|---------|
| T1 | 1 voice port and telephone             |         |
| T2 | 3 data ports for student use           |         |
| T3 | 1 video port                           |         |
| T4 | 1 cable/MATV port                      |         |
| T5 | Video port, monitor, VCR, and brackets |         |

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.



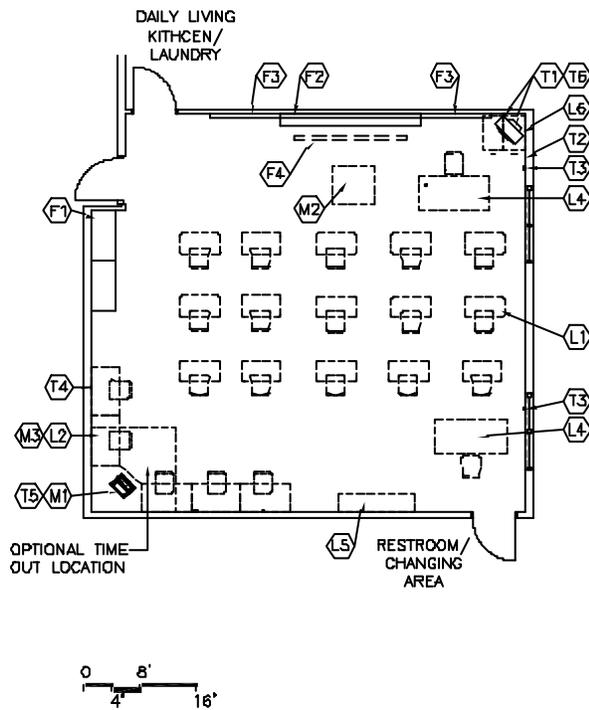
GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES

**Special Education Space Requirements**

| Space                            |      | Design<br>Guideline |               | Comments          |
|----------------------------------|------|---------------------|---------------|-------------------|
|                                  | Qty. | S.F.                | Total         |                   |
| Learning Center Classrooms       | 5    | 800                 | 3,200         |                   |
| Special Education Resource rooms | 2    | 400                 | 800           |                   |
| Special Education Support/Suite  |      |                     | 0             | Centrally located |
| Workroom                         | 1    | 150                 | 150           |                   |
| Office                           | 5    | 150                 | 750           |                   |
| Conference room                  | 1    | 250                 | 250           |                   |
| Testing/Speech                   | 1    | 200                 | 200           |                   |
| Autism Classrooms                | 2    | 900                 | 1,800         | Includes toilet   |
| Life Skills Lab                  | 1    | 400                 | 400           |                   |
| OT/PT                            | 1    | 200                 | 200           |                   |
| RISE                             |      |                     | 0             |                   |
| Classrooms                       | 2    | 800                 | 1,600         |                   |
| Quiet Room                       | 1    | 200                 | 200           |                   |
| Support/Suite                    |      |                     | 0             |                   |
| Office                           | 2    | 150                 | 300           |                   |
| Small group room                 | 1    | 200                 | 200           |                   |
| <b>Total</b>                     |      |                     | <b>10,050</b> |                   |

Learning Center classrooms are designed and equipped like core academic classrooms.

**LEARNING CENTER CLASSROOM  
H-AC-18**



**CAPACITY:**

- 2 or more staff
- 10 to 15 students

**SIZE:**

- 800 SF

**GOAL:**

- To provide a safe, accessible, and comfortable learning environment for students who are mentally, emotionally, behaviorally or physically challenged

**PROGRAM ACTIVITIES:**

- Small group work
- Independent work
- Individual instruction

**SPATIAL RELATIONSHIPS:**

- Located on the ground floor for emergency evacuations
- Accessible ingress/egress to the building and classroom

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Windows to provide natural light and egress
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
  - Reverberation Time: .4-.6 seconds
- Electrical outlets for equipment
- Comfortable rooms with pleasant décor that contribute to an atmosphere conducive to creativity
- Positive acoustics for easier listening when conversing
- Proportion classroom for effective viewing and listening from all areas of the classroom
- Window treatment to darken room for AV presentations

**NOTES:**

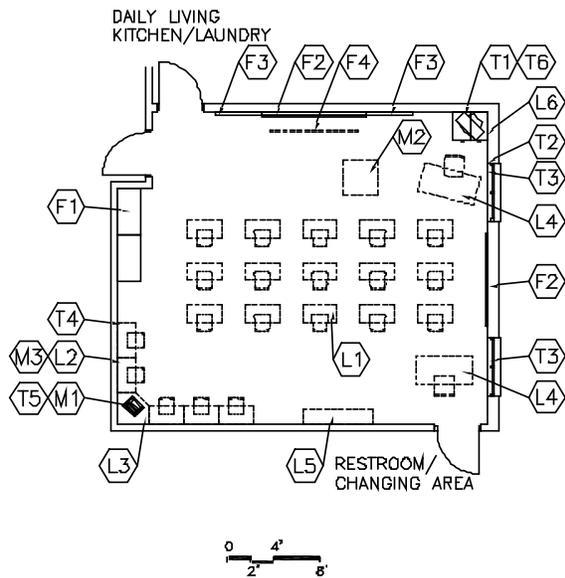
1. Loose furnishings and features shown represent one of many possible arrangements.

## LEARNING CENTER CLASSROOM

|  | Spec.<br>Ref.#  |  | Spec.<br>Ref.# |
|--|-----------------|--|----------------|
| <u>Finishes<sup>1</sup>:</u>                 |                 | <u>Features<sup>1</sup>:</u>   |                |
| Flooring:                                    |                 | Fixed Equipment:   |                |
| Resilient tile flooring                      | 096519          | F1 Casework:   |                |
|  |                 | Tall cabinets  | 123200         |
| Base:  |                 | F2 Marker board (16 LF)  | 101100         |
| Resilient base                               | 096519          | F3 Tack board (8 LF)   | 101100         |
|  |                 | F4 Manual projection screen  | 115213         |
| Ceiling: (9' high minimum)                   |                 |  |                |
| Suspended, acoustical                        | 095113          | <u>Fire Suppression:</u>   | Div. 21        |
|  |                 | Fire suppression system  |                |
| Walls:                                       |                 |  |                |
| Painted concrete masonry units               |                 | <u>Plumbing:</u>   |                |
|  | 042000 / 099123 | N/A  |                |
| <u>Loose Furnishings:</u>                    |                 | <u>HVAC:</u>   | Div. 23        |
| L1 15 Student desks/tables                   |                 | Supply/return air system   |                |
| L2 3-5 Computer workstations                 |                 | Independent temperature control                                      |                |
| L4 2 teacher desk and chair                  |                 |  |                |
| L5 Adjustable height bookshelves (24 LF)     |                 | <u>Electrical:</u>   | Div. 26        |
| L6 2, 4-drawer file cabinets                 |                 | Fluorescent lighting   |                |
| Wastebasket                                  |                 | Illumination level: See Table 7600-16                                |                |
|  |                 | Multilevel switching   |                |
| <u>Communications<sup>2</sup>:</u>           | Div. 27         | Duplex receptacles   |                |
| T1 1 video port, monitor, VCR, and brackets  |                 | TVSS protected quad receptacle adjacent to each data and video ports |                |
| T2 1 voice port and phone                    |                 | Central sound system   |                |
| T3 1 data port near each teacher workstation |                 | Clock  |                |
| T4 5 data ports (minimum) for student use    |                 |  |                |
| T5 1 data port for printer                   |                 | <u>Electronic Safety and Security:</u>                               | Div. 28        |
| T6 Cable/MATV port                           |                 | Life safety devices per code   |                |
| <u>Miscellaneous:</u>                        |                 |  |                |
| M2 Multimedia cart                           |                 |  |                |
| M3 3-5 computers for student use             |                 |  |                |

### NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications - Technology, Section 1240.



**CAPACITY:**

- 2 or more staff
- 10 to 15 students

**SIZE:**

- 800-900 SF

**ANCILLARY SPACES:**

- Restroom (H-AC-20)

The RISE program should be located in a quiet area of the building

**GOAL:**

- To provide a safe, accessible, and comfortable learning environment for students who are mentally, emotionally, behaviorally or physically challenged

**PROGRAM ACTIVITIES:**

- Small group work
- Independent work
- Individual instruction

**SPATIAL RELATIONSHIPS:**

- Near bus loading and unloading
- Accessible ingress/egress to the building and classroom
- Adjacent and access to Restroom
- Adjacent and access to Daily Living Kitchen Laundry (H-AC-19)
- Located and integrated within the Academic Core Areas

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Windows to provide natural light and egress
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
  - Reverberation Time: .4-.6 seconds
- Electrical outlets for equipment
- Comfortable rooms with pleasant décor that contribute to an atmosphere conducive to creativity
- Positive acoustics for easier listening when conversing
- Proportion classroom for effective viewing and listening from all areas of the classroom
- Window treatment to darken room for AV presentations

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.

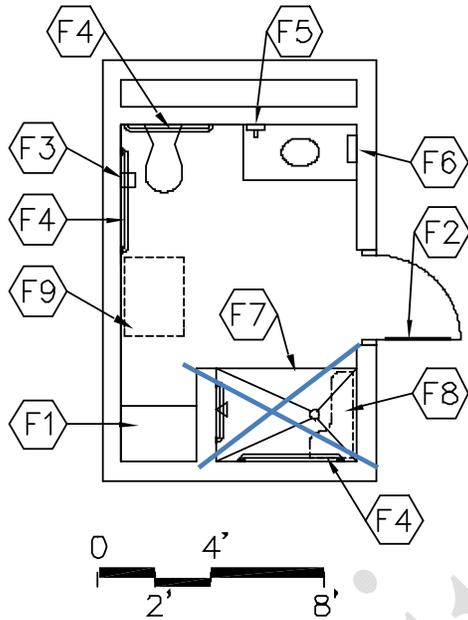
## SELF-CONTAINED CLASSROOM

|   | Spec.<br>Ref.# | <u>Features</u> <sup>1</sup> :          | Ref.#   | Spec.   |
|---|----------------|---|---------|---------|
| <u>Finishes</u> <sup>1</sup> :              |                |   |         |         |
| <u>Flooring</u> :                           |                |   |         |         |
| Resilient tile flooring                     | 096519         | <u>Fixed Equipment</u> :                |         |         |
|   |                | F1 Casework:                            |         |         |
|   |                | Tall cabinets                           |         | 123200  |
| <u>Base</u> :                               |                | F2 Marker board (16 LF)                 |         | 101100  |
| Resilient base                              | 096519         | F3 Tack board (16 LF minimum)           |         | 101100  |
|   |                | F4 Manual projection screen             |         | 115213  |
| <u>Ceiling</u> : (9' high minimum)          |                |   |         |         |
| Suspended, acoustical                       | 095113         | <u>Fire Suppression</u> :               |         | Div. 21 |
|   |                | Fire suppression system                 |         |         |
| <u>Walls</u> :                              |                | <u>Plumbing</u> :                       |         | Div. 22 |
| Painted concrete masonry units or dry wall  |                | Toilet and sink (autism rooms)          |         |         |
| 042000 / 099123                             |                |   |         |         |
| <u>Loose Furnishings</u> :                  |                | <u>HVAC</u> :                           | Div. 23 |         |
| L1 10-15 Student desks/tables               |                | Supply/return air system                |         |         |
| L2 3-5 Computer workstations                |                | Independent temperature                 |         |         |
| L3 Printer table                            |                | control                                 |         |         |
| L4 2 Teacher desks and chairs               |                |   |         |         |
| L5 Adjustable height bookshelves (24 LF)    |                | <u>Electrical</u> :                     | Div. 26 |         |
| L6 2, four-drawer file cabinets             |                | Fluorescent lighting                    |         |         |
| Wastebasket                                 |                | Illumination level: See Table 7600-16   |         |         |
|   |                | Multilevel switching                    |         |         |
| <u>Communications</u> <sup>2</sup> :        | Div. 27        | 3 Duplex receptacles per wall           |         |         |
| T1 1 video port, monitor, VCR, and          |                | TVSS protected quad receptacle          |         |         |
| brackets                                    |                | adjacent to each data and               |         |         |
| T2 1 voice port and phone                   |                | video ports                             |         |         |
| 17160                                       |                | Central sound system                    |         |         |
| T3 1 data port near each teacher            |                | Clock                                   |         |         |
| workstation                                 |                |   |         |         |
| T4 3-5 data ports for student use           |                | <u>Electronic Safety and Security</u> : |         | Div. 28 |
| T5 1 data for printer                       |                | Life safety devices per code            |         |         |
| T6 Cable/MATV port                          |                |   |         |         |
| Electronic white board                      |                |   |         |         |
| <u>Miscellaneous</u> :                      |                |   |         |         |
| M1 Printer                                  |                |   |         |         |
| M2 Multimedia cart with overhead projector, |                |   |         |         |
| computer projector, and multimedia          |                |   |         |         |
| teacher computer                            |                |   |         |         |
| M3 5 computers for student use              |                |   |         |         |
| Audio enhancement equipment                 |                |   |         |         |

### NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications - Technology, Section 1240.

**RESTROOM w/o CHANGING AREA (Autism)  
H-AC-20**



**GOALS:**

- To provide a safe, clean, and private toilet
- To provide an area for clothes changing

**PROGRAM ACTIVITIES:**

- Independent and assisted toileting
- Independent and assisted clothes changing
- Hand washing

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Self-Contained Classroom

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Moisture and stain-resistant finishes
- Special consideration for wheelchair access and physical accessibility needs (ADA)
- Improved exhaust capabilities
- Equipped with CIC (Clean Intermittent Catheterization)

**CAPACITY:**

- Students
- Staff

**SIZE:**

- 100 SF

**ANCILLARY SPACES:**

- Self-Contained Classroom (H-AC-19)

**NOTES:**

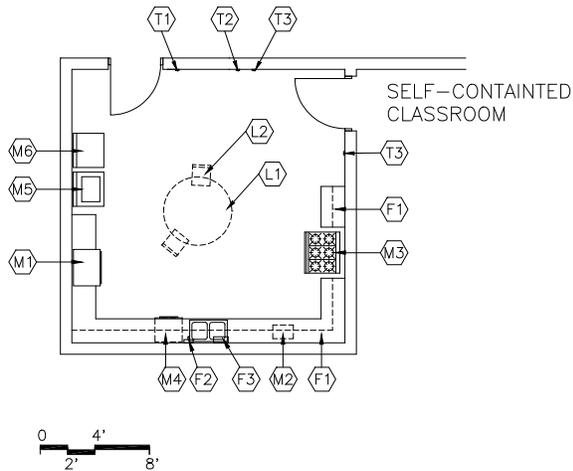
1. Loose furnishings and features shown represent one of the many possible arrangements.

**RESTROOM WITHOUT CHANGING AREA**

| <u>Finishes<sup>1</sup>:</u>                      | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>           | <u>Spec. Ref.#</u> |
|---|--------------------|--|--------------------|
| <u>Flooring:</u>                                  |                    | <u>Fixed Equipment:</u>                |                    |
| Ceramic tile                                      | 093000             | F1 Casework:                           |                    |
|   |                    | Tall cabinet                           | 123200             |
| <u>Base:</u>                                      |                    | F2 24" x 60" mirror                    | 102800             |
| Ceramic mosaic tile base                          | 093013             | F3 Toilet tissue holder                | 102800             |
|   |                    | F4 36" and 42" grab bars               | 102800             |
| <u>Ceiling:</u>                                   |                    | F5 Soap dispenser                      | 102800             |
| Restroom: Suspended, acoustical                   | 095113             | F6 Towel dispenser                     | 102800             |
| Shower: Painted portland<br>cement plaster        | 092400 / 099123    | F7 Shower curtain and rod              | 102800             |
|   |                    | F8 Fold-down seat in shower            | 102800             |
| <u>Walls:</u>                                     |                    | <u>Fire Suppression:</u>               | Div. 21            |
| Restroom: Epoxy painted concrete masonry<br>units | 042000 / 099123    | Fire suppression system                |                    |
| Shower: Ceramic tile                              | 093013             |  |                    |
| <u>Loose Furnishings:</u>                         |                    | <u>Plumbing:</u>                       | Div. 22            |
| Wastebasket                                       |                    | Wall-mounted water closet              |                    |
|   |                    | Wall-mounted lavatory                  |                    |
|   |                    | ADA shower controls and head           |                    |
|   |                    | Floor drains for shower and restroom   |                    |
|   |                    | Plumbing connections                   |                    |
|   |                    | <u>HVAC:</u>                           | Div. 23            |
|   |                    | Exhaust air system                     |                    |
|   |                    | Supplemental heat as required          |                    |
|   |                    | <u>Electrical:</u>                     | Div. 26            |
|   |                    | Single-level switching                 |                    |
|   |                    | Fluorescent lighting                   |                    |
|   |                    | Illumination level: See Table 7600-16  |                    |
|   |                    | Duplex receptacle                      |                    |
|   |                    | Central sound system                   |                    |
|   |                    | <u>Communications:</u>                 |                    |
|   |                    | N/A                                    |                    |
|   |                    | <u>Electronic Safety and Security:</u> | Div. 28            |
|   |                    | Life safety devices per code           |                    |
|   |                    | <u>Miscellaneous:</u>                  |                    |
|   |                    | N/A                                    |                    |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification reference.



**CAPACITY:**

- Faculty and staff
- 4-8 students

**SIZE:**

- 400 SF

**ANCILLARY SPACES:**

- Self-Contained Classroom (H-AC-19)

**GOAL:**

- To provide a space for a life skills instructional area shared by students receiving mentally/developmentally handicapped special education services
- To help students learn practical/hands-on social skills and daily living skills
- To provide a handicapped-accessible area for washing and drying garments

**PROGRAM ACTIVITIES:**

- Food preparation and clean up
- Washing and drying garments
- Bed making

**SPATIAL RELATIONSHIPS:**

- Between autism classrooms
- Accessible from main corridor

**ENVIRONMENTAL CONSIDERATIONS:**

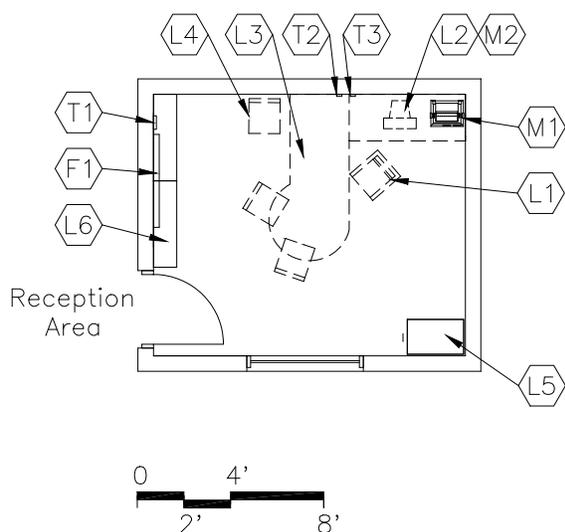
- Uniform lighting
- Proper ventilation to remove cooking odors
- Cleanable building surfaces
- All equipment and casework should be handicap accessible
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light, desirable

## DAILY LIVING KITCHEN

| <u>Finishes<sup>1</sup>:</u>  | <u>Spec.<br/>Ref.#</u> | <u>Spec.<br/>Ref.#</u>   |
|---|------------------------|--|
| <u>Flooring:</u><br>Vinyl composition tile  | 096519                 | <u>Fire Suppression:</u><br>Fire suppression system  |
| <u>Base:</u><br>Resilient base  | 096519                 | <u>Plumbing:</u> Div. 22<br>Connections to food service equipment<br>Connections to laundry equipment<br>Connections to refrigerator ice maker<br>Plumbing and gas connections with master shut off<br>Sink  |
| <u>Ceiling:</u><br>Cleanable, suspended, acoustical   | 095113                 |  |
| <u>Walls:</u><br>Painted concrete masonry units   | 042000 / 099123        |  |
| <u>Loose Furnishings:</u><br>L1 1 round table<br>L2 6 chairs<br>Sofa bed<br>Wastebasket   |                        | <u>HVAC:</u> Div. 23<br>Supply/return air system<br>Independent temperature control<br>Kitchen canopy exhaust system<br>Exhaust vent for dryer   |
| <u>Features<sup>1,2</sup>:</u>  |                        | <u>Electrical:</u> Div. 26<br>Single-level switching<br>Fluorescent lighting<br>Illumination level: See Table 7600-16<br>Central sound system<br>Duplex receptacles for appliances and equipment<br>Connections to food service equipment<br>Clock<br>Central sound system<br>TVSS protected quad receptacle adjacent to each data port and video port |
| <u>Fixed Equipment:</u><br>F1 Casework (all handicap accessible):<br>Base/wall cabinets 123200<br>F2 Soap dispenser 102800<br>F3 Towel dispenser 102800 |                        | <u>Communications<sup>3</sup>:</u> Div. 27<br>T1 1 voice port and phone<br>T2 1 cable/MATV port<br>T3 2 data ports   |
| <u>Miscellaneous:</u><br>M1 Refrigerator<br>M2 Microwave<br>M3 Range with oven<br>M4 Dishwasher<br>M5 Washer<br>M6 Dryer                                |                        | <u>Electronic Safety and Security:</u> Div. 28<br>Life safety devices per code   |

### NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Instructional components and food service equipment to be determined later.
3. Refer to the Educational Specifications - Technology, Section 1240.

**CAPACITY:**

- Instructional personnel in ESL and reading
- Psychologists
- Social workers
- Counselors

**SIZE:**

- 150 SF

**ANCILLARY SPACES:**

- Workroom/Copy Center (H-AC-12)

**GOAL:**

- To provide counseling and other student support services in a professional environment that is easily accessible to students, parents, staff, and community

**SPATIAL RELATIONSHIPS:**

- Within the Core academic Suite
- Adjacent and access to Reception Area

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light, desirable
- Auditory privacy

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.

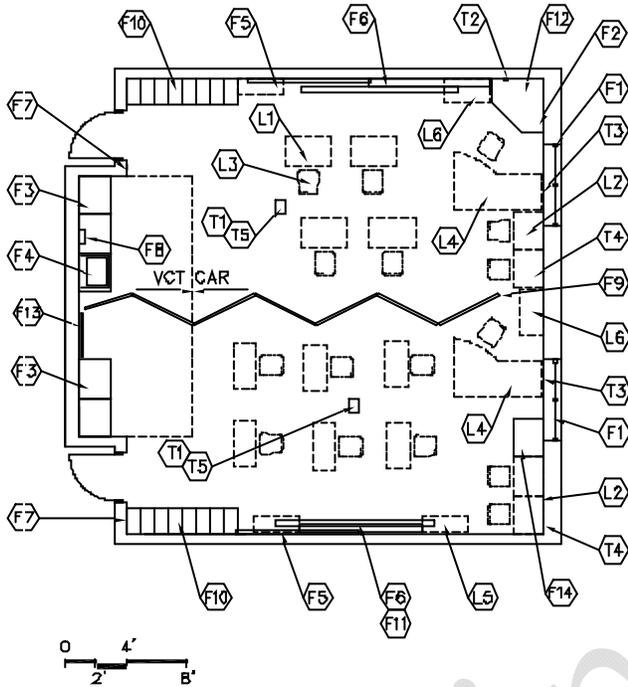
**STUDENT SUPPORT PERSONNEL OFFICES  
H-AC-15**

| <u>Finishes<sup>1</sup>:</u>  | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>  | <u>Spec. Ref.#</u> |
|---|--------------------|---|--------------------|
| <u>Flooring:</u><br>Resilient tile flooring   | 096519             | <u>Fixed Equipment:</u><br>F1 Tack board (4 LF) 101100  |                    |
| <u>Base:</u><br>Resilient base  | 096519             | <u>Fire Suppression:</u><br>Fire suppression system   | Div. 21            |
| <u>Ceiling:</u><br>Suspended, acoustical  | 095113             | <u>HVAC:</u><br>Supply/return air system<br>Independent temperature control   | Div. 23            |
| <u>Walls:</u><br>Painted gypsum wallboard<br>over metal studs   | 092116 / 099123    | <u>Electrical:</u><br>Fluorescent lighting:<br>Illumination level: See Table 7600-16<br>Multilevel switching<br>Duplex receptacles<br>TVSS protected quad receptacles<br>adjacent to each data and<br>video port<br>Central sound system<br>Clock | Div. 26            |
| <u>Loose Furnishings:</u><br>L1 Ergonomic task chair<br>L2 Computer workstation<br>L3 Desk<br>L4 Guest chair<br>L5 4-drawer locking file cabinet<br>L6 Adjustable height bookshelves (12 LF)<br>Wastebasket |                    | <u>Communications<sup>2</sup>:</u><br>T1 1 cable/MATV port<br>T2 1 voice port and phone<br>T3 1 data port at workstation  | Div. 27            |
|   |                    | <u>Electronic Safety and Security:</u><br>Life safety devices per code  | Div. 28            |
|   |                    | <u>Miscellaneous:</u><br>M1 Printer<br>M2 Computer  |                    |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications — Technology, Section 1240.

**SPECIAL EDUCATION / RESOURCE  
H-AC-28**



SIZE:  
• 800 SF

**PROGRAM ACTIVITIES:**

- Accommodates students who have special needs with cognitive disability, hearing impairment, visual impairment, emotional disturbance, orthopedic impairment, autism, brain injury, learning-deaf-blindness disabilities.
- Variety of special services such as one-on-one instruction and small group instruction.
- Activities include, but are not limited to: group discussions, demonstrations, music activities, life skills, coping skills, speech, and visual and hearing support services.

**SPATIAL RELATIONSHIPS:**

- Near academic core classrooms
- The space will be used to accommodate the specific IEP requirements of each student

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Natural light opening equal to minimum 5% of floor area, with an operable vent
- Environmental sound control –  
wall minimum STC 50  
ceiling minimum CAC 35, NRC 0.65

**NOTES:**

1. Loose furnishings shown represent one of many possible arrangements.

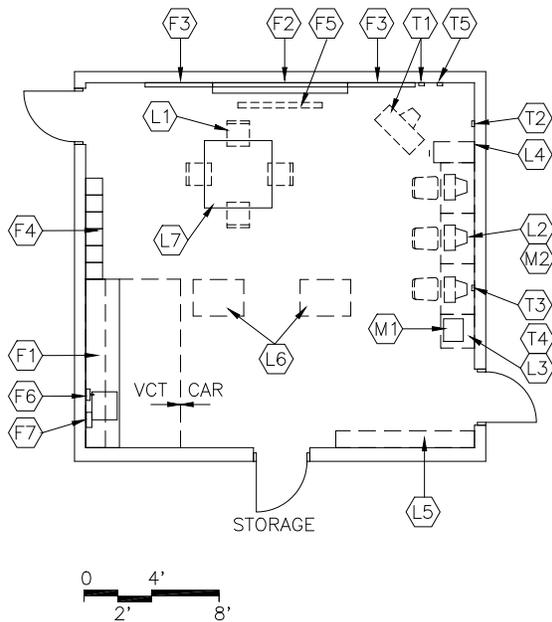
## SPECIAL EDUCATION / RESOURCE

| <u>FINISHES<sup>1</sup>:</u>   | Spec.<br>Ref.#  | <u>FEATURES<sup>1</sup>:</u>                                       | Ref.# | Spec.   |
|--|-----------------|--|-------|---------|
| <u>Flooring:</u>   |                 |  |       |         |
| Combination carpet   | 096816          | F1 Windows with integral blinds                                    |       | 085116  |
| with resilient options   | 096500          | F2 3' of tall wardrobe with file drawers                           |       | 123200  |
| Option: All vinyl composition tile                                   | 096517          | F3 8'-12' of base cabinets   |       | 123200  |
| VCTT, VET, sheet vinyl, or linoleum                                  | 096516          | F4 3' sink base cabinet  |       | 123200  |
| <u>Base:</u>   |                 |  |       |         |
| Resilient base   | 096519          | F5 10'-16' of chalk/marker board                                   |       | 101100  |
| <u>Ceiling:</u>  |                 |  |       |         |
| Suspended, acoustical  | 095113          | F6 10'-16' of tack board   |       | 101100  |
| <u>Walls:</u>  |                 |  |       |         |
| Painted concrete masonry units                                       | 042000 / 099123 | or tackable wall surface or combination                            |       |         |
| <u>LOOSE FURNISHINGS:</u>  |                 |  |       |         |
| L1 Student desks/tables  |                 | F7 Pencil sharpener support  |       | 062023  |
| L2 Computer workstation furniture                                    |                 | F8 Towel dispenser (optional)                                      |       | 102800  |
| L3 Student chairs  |                 | F9 Operable partition (optional)                                   |       | 102226  |
| L4 Teacher desk / computer support and chair                         |                 | F10 Open casework coats and personal storage w/wall cabinets above |       | 123200  |
| L5 Mobile bookcases or storage unit                                  |                 | F11 Projection screen (optional)                                   |       | 115213  |
| L6 File cabinet  |                 | F12 Technology support casework                                    |       | 123200  |
| Wastebasket  |                 | F13 Mirror (optional)  |       | 102800  |
| Pencil sharpener   |                 | F14 Mobile storage cabinet (optional)                              |       | 123200  |
| <u>Fire Suppression:</u>   |                 |  |       |         |
|  |                 |  |       | Div. 21 |
| <u>Plumbing:</u>   |                 |  |       |         |
|  |                 |  |       | Div. 22 |
| <u>Sink</u>  |                 |  |       |         |
| <u>Plumbing connections</u>  |                 |  |       |         |
| <u>HVAC:</u>   |                 |  |       |         |
|  |                 |  |       | Div. 23 |
| <u>Supply/return air system</u>                                      |                 |  |       |         |
| <u>Independent temperature ctrl</u>                                  |                 |  |       |         |
| <u>Electrical:</u>   |                 |  |       |         |
|  |                 |  |       | Div. 26 |
| <u>Fluorescent lighting</u>  |                 |  |       |         |
| <u>Illumination level: See Table 7600-16</u>                         |                 |  |       |         |
| <u>Multilevel switching</u>  |                 |  |       |         |
| <u>4 duplex receptacles</u>  |                 |  |       |         |
| <u>Double duplex receptacle adjacent to each data and video port</u> |                 |  |       |         |
| <u>Communications:</u>   |                 |  |       |         |
|  |                 |  |       | Div. 27 |
| <u>T1 1 video port</u>   |                 |  |       |         |
| <u>T2 1 voice port and phone</u>                                     |                 |  |       |         |
| <u>T3 1 data port</u>  |                 |  |       |         |
| <u>    near each teacher workstation</u>                             |                 |  |       |         |
| <u>T4 4 data ports (min.) for student use</u>                        |                 |  |       |         |
| <u>Clock</u>   |                 |  |       |         |
| <u>    Sound reinforcement system</u>                                |                 |  |       |         |
| <u>    Central sound system</u>                                      |                 |  |       |         |
| <u>T5 Overhead projector</u>   |                 |  |       |         |
| <u>Electronic Safety and Security:</u>                               |                 |  |       |         |
|  |                 |  |       | Div. 28 |
| <u>Life safety devices per code</u>                                  |                 |  |       |         |

### NOTES:

3. Finishes/Features: Refer to Chapter 8 for specification references.
4. Technology components may be placed in a separate small cabinet, or integrated in the other casework in the room.

## SPEECH / OCCUPATIONAL / PHYSICAL THERAPY



### CAPACITY:

- Up to 3 students
- Up to 2 staff

### SIZE:

- 200 SF

### ANCILLARY SPACES:

- Speech/Occupational/ Physical Therapy Storage (M-AC-14)

### GOAL:

- To provide private functional mobility training for students

### PROGRAM ACTIVITIES:

- Speech therapy
- Exercise
- Assistive technology evaluation
- Occupational and Physical Therapy

### SPATIAL RELATIONSHIPS:

- Near Academic Core Classrooms
- Near Special Needs Classrooms
- Adjacent and access to Speech Occupational/Physical Therapy Storage

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Adequate ventilation
- Electrical outlets for equipment
- Wheelchair accessibility
- Reinforce structure to support equipment such as a trapeze
- Windows to provide natural light, desirable; provide treatment to darken if windows are provided
- Auditory privacy

### NOTES:

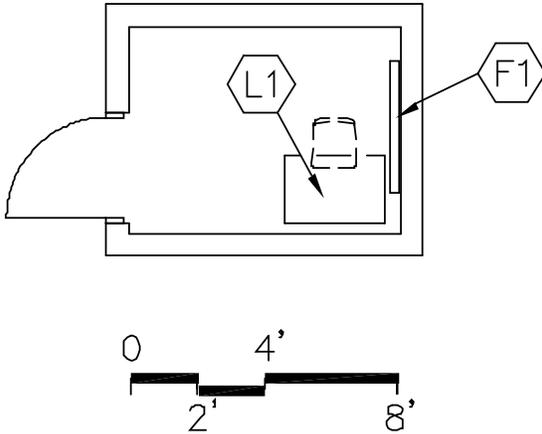
1. Loose furnishings and features shown represent one of many possible arrangements.

**SPEECH / OCCUPATIONAL / PHYSICAL THERAPY**

| <u>Finishes<sup>1</sup>:</u>             | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>           | <u>Spec. Ref.#</u> |
|--|--------------------|--|--------------------|
| Flooring:                                |                    | Fixed Equipment:                       |                    |
| Resilient tile flooring                  | 096519             | F1 Casework:                           | 123200             |
|  |                    | Wall/base cabinets with shelving       |                    |
| Base:                                    |                    | F2 Marker board (8 LF)                 | 101100             |
| Resilient base                           | 096519             | F3 Tack board (8 LF)                   | 101100             |
|  |                    | F5 Manual projection screen            | 115213             |
| Ceiling:                                 |                    | F6 Soap dispenser                      | 102800             |
| Suspended, acoustical                    | 095113             | F7 Towel dispenser                     | 102800             |
|  |                    |  |                    |
| Walls:                                   |                    | <u>Fire Suppression:</u>               | Div. 21            |
| Painted concrete masonry units           |                    | Fire suppression system                |                    |
|  | 042000 / 099123    |  |                    |
|  |                    | <u>Plumbing:</u> Div. 22               |                    |
| <u>Loose Furnishings:</u>                |                    | Plumbing connections                   |                    |
| L1 4 chairs                              |                    | Sink with drinking fountain            |                    |
| L2 3 computer workstation furniture      |                    |  |                    |
| L3 Printer table                         |                    | <u>HVAC:</u> Div. 23                   |                    |
| L4 Four-drawer file cabinet              |                    | Supply/return air system               |                    |
| L5 Adjustable height bookshelves (12 LF) |                    |  |                    |
| L6 Therapy equipment                     |                    | <u>Electrical:</u> Div. 26             |                    |
| L7 Work table                            |                    | Duplex receptacles:                    |                    |
| Wastebasket                              |                    | 3 per primary teaching surface         |                    |
|  |                    | 2 per other walls                      |                    |
| <u>Communications<sup>2</sup>:</u>       | Div. 27            | TVSS protected quad receptacle         |                    |
| T1 Video port, monitor, VCR/DVD,         |                    | adjacent to each data and              |                    |
| and brackets                             |                    | video port                             |                    |
| T2 Voice port and phone                  |                    | Multilevel switching                   |                    |
| T3 1-3 data ports near workstations      |                    | Fluorescent lighting                   |                    |
| T4 Data port at printer                  |                    | Illumination level: See Table 7600-16  |                    |
| T5 Cable/MATV                            |                    | Clock                                  |                    |
|  |                    | Central sound system                   |                    |
|  |                    | <u>Electronic Safety and Security:</u> | Div. 28            |
| <u>Miscellaneous:</u>                    |                    | Life safety devices per code           |                    |
| M2 1-3 computers for student use         |                    |  |                    |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications – Technology, Section 1240.



**PROGRAM ACTIVITIES:**

- Could be used for students requiring a quiet individual area.

**SPATIAL RELATIONSHIPS:**

- Close proximity to RISE classrooms

**ENVIRONMENTAL CONSIDERATIONS:**

- Dimmed lighting
- Environmental sound control  
wall minimum STC 50  
ceiling minimum CAC 35, NRC 0.65
- Views into time out area from the main corridor
- Auditory privacy

**CAPACITY:**

- 1-2 persons

**SIZE:**

- 200 SF

**ANCILLARY SPACES:**

- Special Needs Classroom (E-ACA-7, E-ACA-8)

**NOTES:**

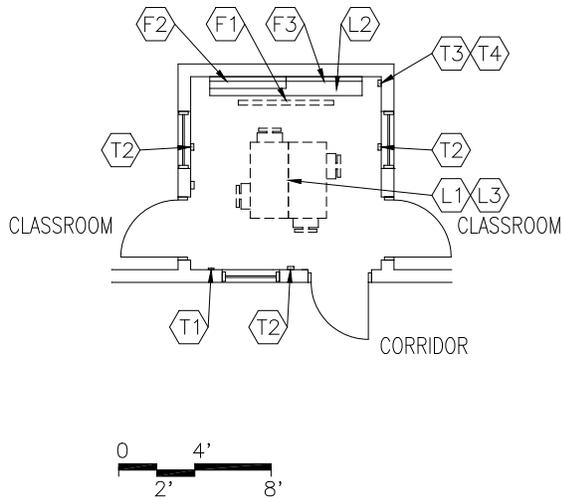
1. Loose furnishings shown represent one of many possible arrangements.
2. Extend walls to deck above.
3. Program/use may determine whether a door is a requirement.

**QUIET ROOM**

| <u>FINISHES</u> <sup>1</sup> : | <u>Ref.#</u>   | <u>Spec.</u> | <u>FEATURES</u> <sup>1</sup> :         | <u>Spec.</u> | <u>Ref.#</u>    |
|--------------------------------|----------------|--------------|--|--------------|-----------------|
| Flooring:                      |                |              | <u>Fixed Items:</u>                    |              |                 |
| VCT                            | 096519         |              | F1 4' of tack board (optional)         |              | 101100          |
| Base:                          |                |              | <u>Fire Suppression:</u>               |              | Div. 21         |
| Resilient base                 |                |              | Fire suppression system                |              |                 |
| Ceiling:                       |                |              | <u>Plumbing:</u>                       |              |                 |
| Suspended, acoustical          | 095113         |              | N/A                                    |              |                 |
| Walls:                         |                |              | <u>HVAC:</u>                           |              | Div. 23         |
| Painted concrete masonry units | 042000/ 099123 |              | Supply/return air system               |              |                 |
| Detention wall padding         |                |              | Independent temperature control        |              |                 |
|                                |                |              | <u>Electrical:</u>                     |              | Div. 26         |
|                                |                |              | Dimmable lighting                      |              |                 |
|                                |                |              | Fluorescent lighting                   |              |                 |
|                                |                |              | Illumination level: See Table 7600-16  |              |                 |
|                                |                |              | 1 duplex receptacle                    |              |                 |
|                                |                |              | <u>Electronic Safety and Security:</u> |              | Div. 28         |
|                                |                |              | Life safety devices per code           |              |                 |
|                                |                |              | <u>Miscellaneous:</u>                  |              |                 |
|                                |                |              | Interior window with blinds (optional) |              |                 |
|                                |                |              |  |              | 081113 / 088000 |

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.



**CAPACITY:**

- 3 to 6 persons

**SIZE:**

- 200 SF

**ANCILLARY SPACES:**

- Core Academic Classroom (H-AC-1)

**GOALS:**

- To provide a space for small group instruction, students working independently or in small groups, and conferences

**PROGRAM ACTIVITIES:**

- Students working on projects
- Small group activities
- tutoring
- Conferences

**SPATIAL RELATIONSHIPS:**

- Shared space between two Core Academic Classrooms
- Locate centrally for good visual supervision
- Adjacent to and access to corridor

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Visual access to Classrooms and Corridor
- Window treatment to darken room for AV presentation

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.

**SMALL GROUP ROOM  
H-AC-4**

| <u>Finishes<sup>1</sup>:</u>             | <u>Spec.<br/>Ref.#</u> | <u>Features<sup>1</sup>:</u>              | <u>Spec.<br/>Ref.#</u> |
|--|------------------------|---|------------------------|
| Flooring:                                |                        | Fixed Equipment:                          |                        |
| Resilient tile flooring                  | 096519                 | F1 Manual projection screen               | 115213                 |
| Base:                                    |                        | F2 Marker board (4 LF)                    | 101100                 |
| Resilient base                           | 096519                 | F3 Tack board (4 LF)                      | 101100                 |
| Ceiling:                                 |                        | <u>Fire Suppression:</u>                  | Div. 21                |
| Suspended, acoustical                    | 095113                 | Fire suppression system                   |                        |
| Walls:                                   |                        | <u>Plumbing:</u>                          |                        |
| Painted concrete masonry units           |                        | N/A                                       |                        |
|  | 042000 / 099123        | <u>HVAC:</u>                              | Div. 23                |
| <u>Loose Furnishings:</u>                |                        | Supply/return air system                  |                        |
| L1 Table                                 |                        | Independent temperature control           |                        |
| L2 Adjustable height bookshelves (12 LF) |                        | <u>Electrical:</u>                        | Div. 26                |
| L3 Chairs                                |                        | Fluorescent lighting:                     |                        |
| Wastebasket                              |                        | Illumination level: See Table 7600-16     |                        |
|  |                        | Duplex receptacles                        |                        |
|  |                        | TVSS protected quad receptacle            |                        |
|  |                        | adjacent to each data and                 |                        |
|  |                        | video ports                               |                        |
|  |                        | Central sound system                      |                        |
|  |                        | Clock                                     |                        |
|  |                        | <u>Communications<sup>2</sup>:</u>        | Div. 27                |
|  |                        | T1 1 voice port and telephone             |                        |
|  |                        | T2 3 data ports for student use           |                        |
|  |                        | T3 1 video port                           |                        |
|  |                        | T4 1 cable/MATV port                      |                        |
|  |                        | T5 Video port, monitor, VCR, and brackets |                        |
|  |                        | <u>Electronic Safety and Security:</u>    | Div. 28                |
|  |                        | Life safety devices per code              |                        |

**NOTES:**

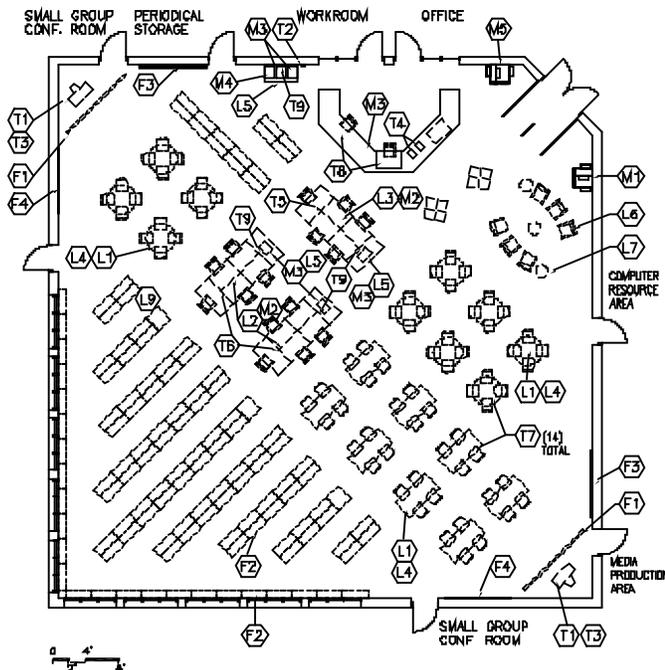
1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications — Technology, Section 1240.

### Media Center Space Requirements

| Space  | Design Guideline |         |              | Comments     |
|--|------------------|---------|--------------|--------------|
|  | Qty.             | S.F.    | Total        |              |
| Reading, Learning, Circulation & Computer research | 1                | 3,000   | 3,000        |              |
| Office   | 1                | 150     | 150          |              |
| Workroom   | 1                | 250     | 250          |              |
| Equipment Storage                                  | 1                | 100/250 | 350          |              |
| Media Production/recording                         | 1                | 800     | 800          | Location TBD |
| <b>Total</b>                                       |                  |         | <b>4,550</b> |              |

## READING / STACKS / CIRCULATION

H-MC-1



### CAPACITY:

- 50 students or 2 classes
- Up to 12 individuals for students research
- Media Specialist
- Up to 10 individual students for open reading
- Media Assistant
- Community use after school hours

### ANCILLARY SPACES:

- Office (H-MC-4)
- Workroom (H-MC-5)
- Equipment Storage (H-MC-8)

### GOAL:

- To provide students, staff, and community with access to information and quiet study areas

### PROGRAM ACTIVITIES:

- Reading
- Circulation of materials and resources
- Whole group and small group instruction
- Provide meeting areas for community staff and parents
- Research

### SPATIAL RELATIONSHIPS:

- Circulation area located close to entrance/exit
- Reference/professional/periodical areas located close to entrance and circulation
- Two catalog station areas centrally located

### ENVIRONMENTAL CONSIDERATIONS:

- Recessed floor, wall electrical outlets in floor at tables
- Flush covers for floor outlets
- Adequate ventilation
- Lighting appropriate to task with switches to dim separate zones of media center
- Wall mounts and appropriate wiring for TV/VCR in whole class zone and storytelling zone
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets at entrance for future security system
- Electrical outlets at all column locations
- Windows to provide natural light and egress
- Security of school when center is in use after school hours
- Ceiling height in proportion to room dimensions
- Open flow for traffic in reference/professional/periodical areas
- Auditory privacy
- Window treatment to darken room for AV presentations

### NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

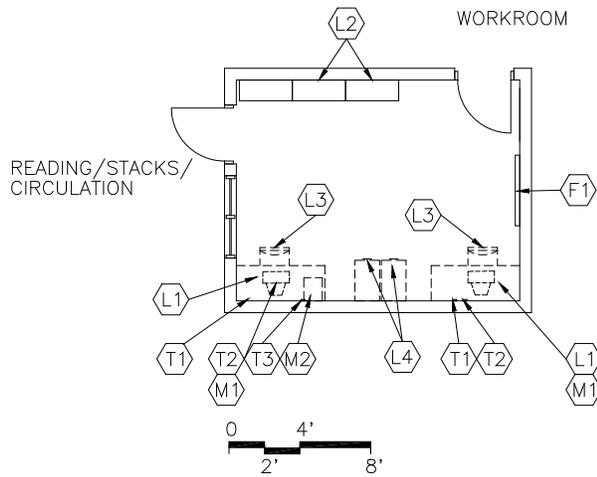
**READING / STACKS / CIRCULATION**

**H-MC-1**

|                                      | Spec.<br>Ref.# |  | Spec.<br>Ref.# |
|--------------------------------------|----------------|--|----------------|
| <u>Finishes<sup>1</sup>:</u>         |                | <u>Features<sup>1</sup>:</u>           |                |
| <u>Flooring:</u>                     |                | <u>Fixed Equipment:</u>                |                |
| Carpet                               | 096816         | F1 Motorized projection screen         | 115213         |
|                                      |                | F2 Library casework:                   | 123550         |
|                                      |                | Varied sizes and                       |                |
|                                      |                | Configurations                         |                |
|                                      |                | Specialized multimedia storage         |                |
| <u>Base:</u>                         |                | F3 Marker board                        | 101100         |
| Resilient base                       | 096519         | F4 Tack board (32 LF)                  | 101100         |
| <u>Ceiling:</u>                      |                |  |                |
| Suspended, acoustical <sup>2</sup>   | 095113         |  |                |
| <u>Walls:</u>                        |                | <u>Fire Suppression:</u>               | Div. 21        |
| Painted concrete masonry units       |                | Fire suppression system                |                |
| 042000 / 099123                      |                |  |                |
| <u>Loose Furnishings:</u>            |                | <u>Plumbing:</u>                       |                |
| L1 10 four person tables and chairs  |                | N/A                                    |                |
| L2 10 seated reference stations      |                |  |                |
| L3 3 automated card catalog stations |                | <u>HVAC:</u>                           | Div. 23        |
| L4 60 chairs                         |                | Supply/return air system               |                |
| L5 2 printer tables                  |                | Independent temperature control        |                |
| L6 6 lounge chairs                   |                |  |                |
| L7 2 end tables                      |                | <u>Electrical:</u>                     | Div. 26        |
| L8 Map and dictionary stands         |                | Recessed data/voice floor outlets      |                |
| Wastebasket                          |                | Duplex receptacles                     |                |
|                                      |                | TVSS protected quad receptacle         |                |
| <u>Communications<sup>3</sup>:</u>   | Div. 27        | Adjacent to each video and             |                |
| T2 Voice ports and phones            |                | data port                              |                |
| T3 2 cable/MATV port                 |                | Multilevel switching                   |                |
| T4 2 bar code readers                |                | Recessed floor outlets                 |                |
| T5 3 data ports for automated        |                | Fluorescent lighting:                  |                |
| card catalog                         |                | Illumination level: See Table 7600-16  |                |
| T6 10 data ports for reference       |                | Security system                        |                |
| T7 14 data ports for student use     |                | Clock                                  |                |
| T8 2 data ports at circulation desk  |                | Central sound system                   |                |
| T9 2 data ports for printers         |                |  |                |
| <u>Miscellaneous:</u>                |                | <u>Electronic Safety and Security:</u> | Div. 28        |
| M1 Coin/magnetic card copier         |                | Life safety devices per code           |                |
| M2 10 computers – student use        |                |  |                |
| M3 2 printers                        |                |  |                |
| M4 Scanner                           |                |  |                |
| M5 Copier                            |                |  |                |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Other types of ceiling may be appropriate based on the actual facility design, such as exposed, painted structure. High ceilings are appropriate to the size of the room.
3. Refer to the Educational Specifications - Technology, Section 1240.

**CAPACITY:**

- Media Specialist
- Technology Aide

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Reading/Stacks/Circulation (H-MC-1)
- Workroom (H-MC-5)

**GOAL:**

- To provide a private work area for the media specialist, easy access to the circulation desk, media production area, and computer resource area

**PROGRAM ACTIVITIES:**

- Ordering
- Scheduling
- Cooperative learning
- Administrative work (preparing budget, reports, etc.)
- Processing and repairing books, videos, discs, etc.

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Reading/Stacks/Circulation
- Adjacent and access to Workroom
- Near circulation desk

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Visual access to Reading/Stacks/Circulation
- Electrical outlets for equipment
- Auditory privacy

**NOTES:**

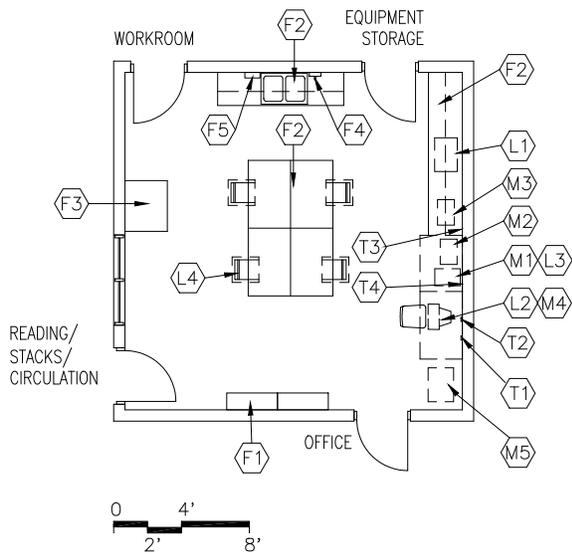
1. Loose furnishings and features shown represent one of many possible arrangements.

**OFFICE  
H-MC-4**

| Spec.<br><u>Finishes<sup>1</sup>:</u>  | <u>Ref.#</u> | <u>Features<sup>1</sup>:</u>   | Spec.<br><u>Ref.#</u> |
|--|--------------|--|-----------------------|
| Flooring:<br>Resilient tile flooring   | 096519       | Fixed Equipment:<br>F1 Tack board (4 LF)   | 101100                |
| Base:<br>Resilient base  | 096519       | <u>Fire Suppression:</u><br>Fire suppression system  | Div. 21               |
| Ceiling:<br>Suspended, acoustical  | 095113       | <u>Plumbing:</u><br>N/A  |                       |
| Walls:<br>Painted concrete masonry units<br>042000 / 099123  |              | <u>HVAC:</u><br>Supply/return air system<br>Independent temperature control  | Div. 23               |
| <u>Loose Furnishings:</u><br>L1 Computer workstation furniture<br>L2 Adjustable height bookshelves (24 LF)<br>L3 Ergonomic task chairs<br>L4 2, four-drawer file cabinets<br>Wastebasket |              | <u>Electrical:</u><br>Duplex receptacles<br>TVSS protected quad receptacle adjacent to data port<br>Single-level switching<br>Fluorescent lighting<br>Illumination level: See Table 7600-16<br>Clock<br>Central sound system | Div. 26               |
|  |              | <u>Communications<sup>2</sup>:</u><br>T1 2 voice ports and phones<br>T2 2 data ports<br>T3 Data port for printer   | Div. 27               |
|  |              | <u>Electronic Safety and Security:</u><br>Life safety devices per code   | Div. 28               |
|  |              | <u>Miscellaneous:</u><br>M1 Computer<br>M2 Printer   |                       |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications - Technology, Section 1240.



**GOAL:**

- To provide space for the management and organization of media resources and processing of incoming materials

**PROGRAM ACTIVITIES:**

- Receiving, processing, and duplicating library materials
- Repairing damaged or worn materials
- Scanning and digitizing

**SPATIAL RELATIONSHIPS:**

- Behind circulation desk
- Adjacent and access to Office
- Adjacent and access to Reading/Stacks/Circulation

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Visual access to Reading/Stacks/Circulation
- Electrical outlets for equipment

**CAPACITY:**

- Media specialist

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Reading/Stacks/Circulation (H-MC-1)
- Office (H-MC-4)

**NOTES:**

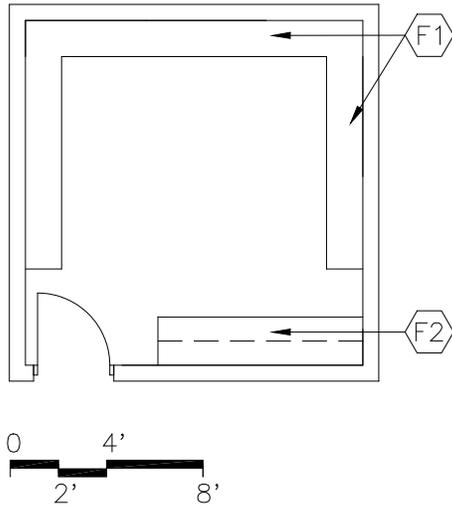
1. Loose furnishings and features shown represent one of many possible arrangements.

**WORKROOM  
H-MC-5**

| Spec.<br><u>Finishes<sup>1</sup>:</u>    | <u>Ref.#</u>    | <u>Features<sup>1</sup>:</u>                           | Spec.<br><u>Ref.#</u> |
|--|-----------------|--|-----------------------|
| Flooring:<br>Resilient tile flooring     | 096519          | Fixed Equipment:<br>F1 Storage shelving:<br>videotapes | 105613                |
| Base:<br>Resilient base                  | 096519          | F2 Casework:<br>Base/wall cabinets                     | 123200                |
| Ceiling:<br>Suspended, acoustical        | 095113          | F3 Casework:<br>Tall storage                           | 123200                |
| Walls:<br>Painted concrete masonry units | 042000 / 099123 | F4 Soap dispenser                                      | 102800                |
|  |                 | F5 Towel dispenser                                     | 102800                |
| <u>Loose Furnishings:</u>                |                 | <u>Fire Suppression:</u>                               | Div. 21               |
| L1 Paper cutter                          |                 | Fire suppression system                                |                       |
| L2 Computer workstation furniture        |                 | <u>Plumbing:</u>                                       | Div. 22               |
| L3 Equipment table                       |                 | Plumbing connections                                   |                       |
| L4 Chairs                                |                 | Sink   |                       |
| Wastebasket                              |                 | <u>HVAC:</u>   | Div. 23               |
| <u>Miscellaneous:</u>                    |                 | Supply/return air system                               |                       |
| M1 Fax                                   |                 | Independent temperature control                        |                       |
| M2 Printer                               |                 | <u>Electrical:</u>                                     | Div. 26               |
| M3 Scanner                               |                 | Duplex receptacles                                     |                       |
| M4 Computer                              |                 | TVSS protected quad receptacle adjacent to data port   |                       |
| M5 Video distribution equipment          |                 | Single-level switching                                 |                       |
|  |                 | Fluorescent lighting                                   |                       |
|  |                 | Illumination level: See Table 7600-16                  |                       |
|  |                 | Clock  |                       |
|  |                 | Central sound system                                   |                       |
|  |                 | <u>Communications<sup>2</sup>:</u>                     | Div. 27               |
|  |                 | T1 Voice port and phone                                |                       |
|  |                 | T2 Data port near workstation                          |                       |
|  |                 | T3 Data port for printer and scanner                   |                       |
|  |                 | T4 Fax port  |                       |
|  |                 | <u>Electronic Safety and Security:</u>                 | Div. 28               |
|  |                 | Life safety devices per code                           |                       |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications - Technology, Section 1240.



**GOAL:**

- To store equipment that is used in the Media Center and equipment/material used in other areas of the school

**PROGRAM ACTIVITY:**

- Storage of equipment and materials

**SPATIAL RELATIONSHIP:**

- Adjacent and access to Workroom

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Adequate ventilation
- Security of room

**CAPACITY:**

N/A

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Workroom (H-MC-5)

**NOTES:**

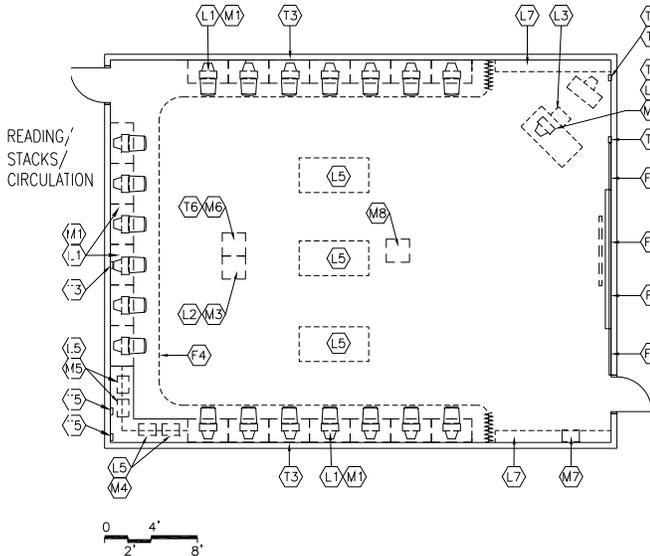
1. Loose furnishings and features shown represent one of many possible arrangements.

**EQUIPMENT STORAGE  
H-MC-8**

| Spec.<br><u>Finishes<sup>1</sup>:</u>                       | <u>Ref.#</u> | <u>Features<sup>1</sup>:</u>   | Spec.<br><u>Ref.#</u> |
|---|--------------|--|-----------------------|
| Flooring:<br>Resilient tile flooring                        | 096519       | <u>Fixed Equipment:</u><br>F1 Storage shelving<br>F2 Casework:<br>Base/wall cabinets   | 105613<br>123200      |
| Base:<br>Resilient base                                     | 096519       |  |                       |
| Ceiling:<br>Suspended, acoustical                           | 095113       | <u>Fire Suppression:</u><br>Fire suppression system  | Div. 21               |
| Walls:<br>Painted concrete masonry units<br>042000 / 099123 |              | <u>Plumbing:</u><br>N/A  |                       |
| <u>Loose Furnishings:</u><br>N/A                            |              | <u>HVAC:</u><br>Supply/return air system   | Div. 23               |
|   |              | <u>Electrical:</u><br>Duplex receptacles<br>Single-level switching<br>Fluorescent lighting<br>Illumination level: See Table 7600-16<br>Security system | Div. 26               |
|   |              | <u>Communications:</u><br>N/A  |                       |
|   |              | <u>Electronic Safety and Security:</u><br>N/A  |                       |
|   |              | <u>Miscellaneous:</u><br>N/A   |                       |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.



**CAPACITY:**

- **20** students
- 2 teacher
- Community use after school hours

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Reading/Stacks/Circulation (H-MC-1)

**GOAL:**

- To provide a soundproof, properly lighted room for video productions, audio Recording, publication purposes, and multimedia productions using computer accessories and peripherals such as scanners, digital cameras, etc.

**PROGRAM ACTIVITIES:**

- Video creation/production
- Voice over/dubbing
- Creative writing
- Closed circuit TV production
- Newspaper production
- Scanning and digitizing

**SPATIAL RELATIONSHIP:**

- Adjacent and access to Reading/Stacks/Circulation

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting with an appropriate visual comfort level
- Adequate ventilation
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Special lighting for video production
- HVAC control separate from Media Center
- Provide separation between video production and other media production

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.

## MEDIA PRODUCTION AREA

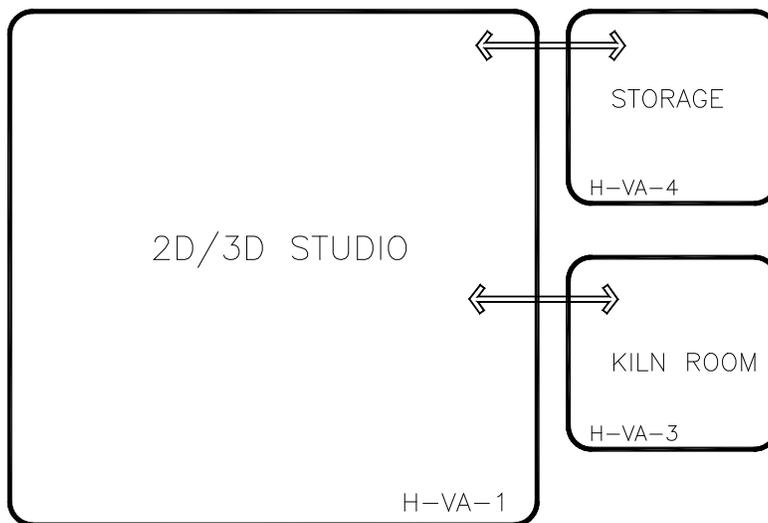
| <u>Finishes<sup>1</sup>:</u>                       | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>              | <u>Spec. Ref.#</u> |
|--|--------------------|---|--------------------|
| Flooring:  |                    | Fixed Equipment:                          |                    |
| Carpet   | 096816             | F1 Marker board (12 LF)                   | 101100             |
|  |                    | F2 Tack board (8 LF)                      | 101100             |
| Base:  |                    | F3 Manual projection screen               | 115213             |
| Resilient base                                     | 096519             | F4 Curtain                                | 116143             |
| Ceiling:   |                    | <u>Fire Suppression:</u>                  | Div. 21            |
| Suspended, acoustical                              | 095113             | Fire suppression system                   |                    |
| Walls:   |                    | <u>Plumbing:</u>                          |                    |
| Painted concrete masonry units                     | 042000 / 099123    | N/A                                       |                    |
| Acoustical wall treatments                         | 098400             | <u>HVAC:</u>                              | Div. 23            |
| <u>Loose Furnishings:</u>                          |                    | Supply/return air system                  |                    |
| L1 10 computer workstation furniture - student use |                    | Independent temperature control           |                    |
| L2 Multi-media cart – teacher use                  |                    | <u>Electrical:</u>                        | Div. 26            |
| L3 Ergonomic task chair                            |                    | Duplex receptacles                        |                    |
| L4 2 printer tables                                |                    | TVSS protected quad receptacle            |                    |
| L5 Scanner/equipment tables                        |                    | Adjacent to each data and video port      |                    |
| L6 Computer workstation furniture for teacher use  |                    | Multilevel switching                      |                    |
| L7 Adjustable-height bookshelves (24 LF minimum)   |                    | Track lighting with dimmer control        |                    |
| Wastebasket  |                    | Fluorescent/spotlighting                  |                    |
| <u>Miscellaneous:</u>                              |                    | Illumination level: See Table 7600-16     |                    |
| M1 10 computers - student use                      |                    | Clock                                     |                    |
| M2 Computer - teacher use                          |                    | Central sound system                      |                    |
| M3 Projection device on cart                       | Div. 27            | <u>Communications<sup>2</sup>:</u>        | Div. 27            |
| M4 2 printers                                      |                    | T1 Video port, monitor, VCR, and brackets |                    |
| M5 2 scanners                                      |                    | T2 Voice port and phone                   |                    |
| M6 Video camera/monitor                            |                    | T3 10 data ports - student use            |                    |
| M7 Production and editing equipment                |                    | T4 Cable/MATV port                        |                    |
| M8 Ceiling mounted projector                       |                    | T5 4 data ports for printers and scanners |                    |
|  |                    | T6 Video port for camera                  |                    |
|  |                    | T7 Data port near teacher workstation     |                    |
|  |                    | <u>Electronic Safety and Security:</u>    | Div. 28            |
|  |                    | Life safety devices per code              |                    |

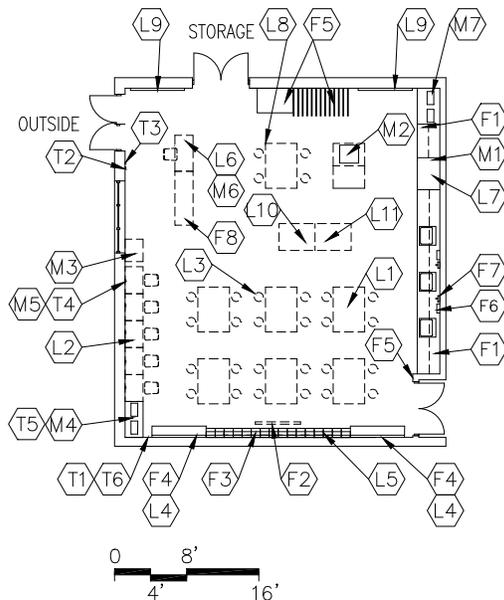
### NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications - Technology, Section 1240.

## Visual Arts Space Requirements

| Space        | Design Guideline |       |              | Comments                |
|--------------|------------------|-------|--------------|-------------------------|
|              | Qty.             | S.F.  | Total        |                         |
| 3D/2D Studio | 1                | 1,300 | 1,300        |                         |
| Storage      | 1                | 150   | 150          |                         |
| Kiln/storage | 1                | 200   | 200          | Standard under revision |
| <b>Total</b> |                  |       | <b>1,650</b> |                         |



**CAPACITY:**

- 21 students
- 1 teacher

**ANCILLARY SPACES:**

- Storage

**GOAL:**

- To provide a learning environment where students can learn two dimensional art and create their own art pieces

**PROGRAM ACTIVITIES:**

- Drawing/Painting
- Art history and culture
- Viewing of slides/DVDs/CD-Roms
- Reading, writing, and research using technology
- Matting and framing
- Digital Photography
- Cooperative group work
- Computer graphics and internet access

**SPATIAL RELATIONSHIPS:**

- Large double doors leading to outside
- Adjacent and access to storage
- Display space in adjacent corridor

**ENVIRONMENTAL CONSIDERATIONS:**

- Adjustable full-spectrum lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Double width doors (with removable mullion) to allow for moving of large equipment and projects.
- Windows to provide natural light and egress
- Electrical outlets for equipment
- Window treatment to darken room for AV presentations

**TECHNOLOGY**

- See regular classroom

**BUILT-IN EQUIPMENT**

- Sinks (3) shall be stainless steel and equipped with mixing faucets with hot and cold water.
- The sinks shall be in counters (26 in. wide) and far enough apart to allow several students around each sink.
- A heavy-duty ceiling grid system is required for mounting of mobiles, macramé, etc.
- A marker board (4 ft. X 16 ft.) and bulletin board (4 ft. X 16 ft.)
- 80" w x 60" h video format screen with black masking borders
- The floor covering shall be VCT and of a color that will not show stains easily.
- Provide a lockable teacher's wardrobe cabinet.
- Storage for painting racks should line one wall (approximately 25 linear feet). Cabinet and shelf storage for objects should line another wall with flat storage under the counter.

**NOTES:**

1. Loose furnishings shown represent one of many possible arrangements.

**2-D/3D STUDIO**

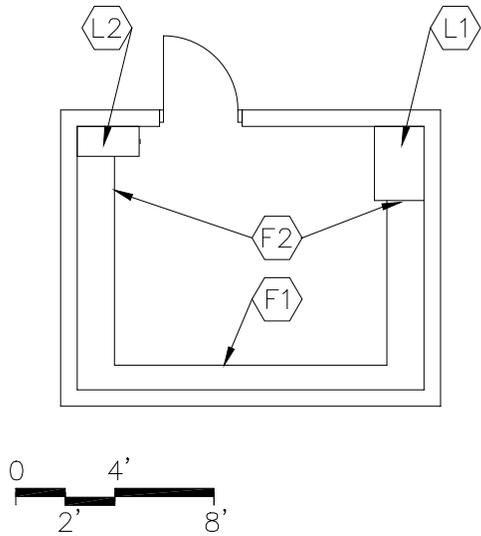
**H-VA-1**

|                                     |  | Spec.<br>Ref.#  |  |   | Spec.<br>Ref.# |
|-------------------------------------|--|-----------------|--|---|----------------|
| <u>Finishes<sup>1</sup>:</u>        |  |                 | <u>Fire Suppression:</u>   |   |                |
| Flooring:                           |  |                 | Fire suppression system  |   | Div. 21        |
|                                     | Resilient tile flooring  | 096519          | <u>Plumbing:</u>   |   | Div. 22        |
| Base:                               |  |                 | Plumbing connections   |   |                |
|                                     | Resilient base   | 096519          | Large, deep sinks  |   |                |
| Ceiling: (12' high minimum to deck) |  |                 | Services for air compressor  |   |                |
|                                     | Exposed structure, painted   | 099123          | <u>HVAC:</u>   |   | Div. 23        |
| Walls:                              |  |                 | Supply/return air system   |   |                |
|                                     | Painted concrete masonry units   | 042000 / 099123 | Independent temperature control                                      |   |                |
|                                     | Tackable wall surface  | 101100          | Exhaust for hood   |   |                |
| <u>Loose Furnishings:</u>           |  |                 | <u>Electrical:</u>   |   | Div. 26        |
| L1                                  | 6 worktables   |                 | Fluorescent lighting   |   |                |
| L2                                  | Computer workstations  |                 | Illumination level: See table 7600-16                                |   |                |
| L3                                  | 24 stools  |                 | Movable track lighting   |   |                |
| L4                                  | Adjustable height bookshelves (24 LF)  |                 | Multilevel switching   |   |                |
| L5                                  | Project storage lockers (10" x 15" x 20")  |                 | Duplex receptacles   |   |                |
| L6                                  | Teacher desk and chair   |                 | 3 per primary teaching wall  |   |                |
| L7                                  | Spray booth with exhaust   |                 | 2 per other walls  |   |                |
| L8                                  | Additional worktable and stools  |                 | TVSS protected quad receptacle adjacent to each data and video ports |   |                |
| L9                                  | Movable art display panels to be used for art room and other areas of the school |                 | Central sound system   |   |                |
| L10                                 | Light table  |                 | Clock  |   |                |
| L11                                 | Worktable  |                 | <u>Communications<sup>2</sup>:</u>                                   |   | Div. 27        |
|                                     | Large trash bins with lids   |                 | T1   | 1 video and voice port                      |                |
|                                     | Recycling bins   |                 | T3   | 1 data port near teacher workstation        |                |
| <u>Features<sup>1</sup>:</u>        |  |                 | T4   | 5 data ports (minimum) for student use      |                |
| Fixed Equipment:                    |  |                 | T5   | 1 data ports for printer                    |                |
| F1                                  | Casework:  |                 | T6   | Cable/MATV port                             |                |
|                                     | Base/wall cabinets and shelving  | 123200          |  | Video projector                             |                |
| F2                                  | Manual projection screen   | 115213          | <u>Electronic Safety and Security:</u>                               |   | Div. 28        |
| F3                                  | Marker board/Chalk board (16 LF)   | 101100          | Life safety devices per code   |   |                |
| F4                                  | Tack board (12 LF)   | 101100          | <u>Miscellaneous:</u>  |   |                |
| F5                                  | Casework:  | 123200          | M1   | Compressor for air brush and spray painting |                |
|                                     | Paper storage  |                 | M2   | Projection device on cart                   | Div. 27        |
|                                     | Vertical files (30" x 40" work)  |                 | M3   | TV/VCR on cart                              | Div. 27        |
| F6                                  | Towel dispenser  | 102800          | M4   | 2 printers                                  |                |
| F7                                  | Soap dispenser   | 102800          | M5   | 5 computers for student use                 |                |
| F8                                  | Casework:  |                 | M6   | 1 computer for teacher use                  |                |
|                                     | Demonstration table  | 123200          |  | Drawing boards, art easels                  |                |
|                                     |  |                 |  | Mat cutter, paper cutter                    |                |
|                                     |  |                 | M7   | Countertop exhaust hood                     |                |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications - Technology, Section 1240.

**STORAGE H-VA-4**



**GOAL:**

- To provide secure and adequate space to store art supplies, portable equipment, technology peripherals, and materials

**PROGRAM ACTIVITIES:**

- Storage of equipment, supplies, and projects

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to 2-D Studio
- Adjacent and access to 3-D Studio

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Electrical outlets for equipment
- Adequate ventilation
- Door with large vision panel

**CAPACITY:**

- Teachers
- Students

**SIZE:**

- 150 SF

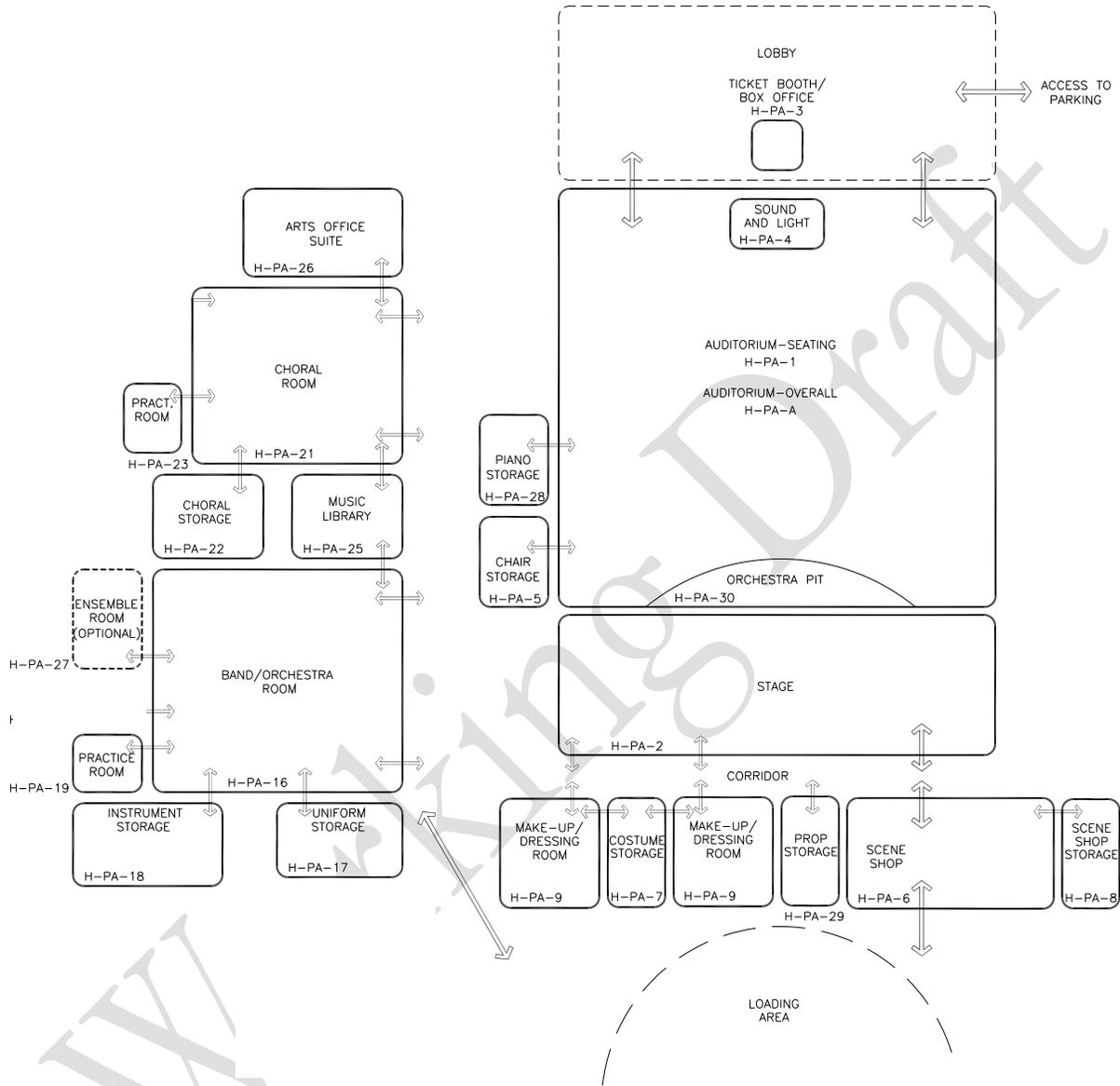
**ANCILLARY SPACES:**

- 2-D Studio
- 3-D Studio

### Performing Arts Space Requirements

| Space                        | Design Guideline |               |               | Comments    |
|------------------------------|------------------|---------------|---------------|-------------|
|                              | Qty.             | S.F.          | Total         |             |
| <b>Auditorium</b>            |                  |               |               |             |
| Lobby                        | 1                | 700           | 700           | Or SF as is |
| Auditorium (500 seats)       | 1                | 10 per person | 5,000         | Or SF as is |
| Auditorium Stage (inc. wing) | 1                | 1,800         | 1,800         | Or SF as is |
| Ticket Booth/Box Office      | 1                | 75            | 75            |             |
| Sound and Light Control Room | 1                | 125           | 125           |             |
| Chair/Piano Storage          | 1                | 200           | 200           |             |
| <b>Performance Support</b>   |                  |               | 0             |             |
| Scene Shop/storage           | 1                | 400           | 400           |             |
| Costume/Prop Room            | 1                | 200           | 200           |             |
| Make-up/Dressing Room        | 2                | 300           | 600           |             |
| <b>General Music</b>         |                  |               | 0             |             |
| Instrumental                 | 1                | 1,400         | 1,400         |             |
| Choral/Keyboarding room      | 1                | 1,000         | 1,000         |             |
| Uniform Storage              | 1                | 300           | 300           |             |
| Instrument Storage           | 1                | 300           | 300           |             |
| Large Practice room          | 1                | 400           | 400           | Percussion  |
| Practice Rooms               | 4                | varies        | 320           |             |
| <b>Total</b>                 |                  |               | <b>12,820</b> |             |

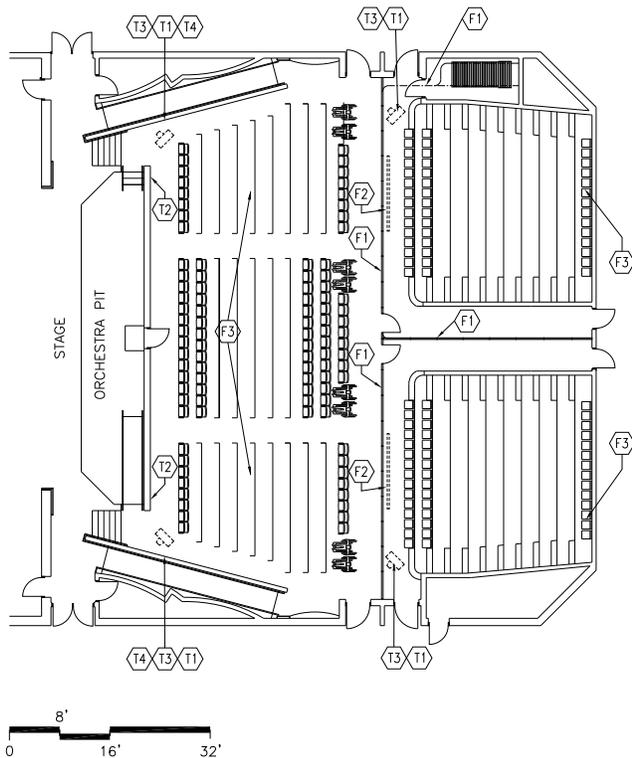
# PERFORMING ARTS



**NOTE:**

This is an example of how the Performing Arts in a high school could be arranged. This is meant only to demonstrate the relationships between various areas of the building.

## AUDITORIUM



### CAPACITY:

- Students
- Teachers
- Community

### SIZE:

- Varies

### ANCILLARY SPACES:

- Stage
- Ticket Booth/Box Office
- Sound and Light Control Box

### ENVIRONMENTAL CONSIDERATIONS:

- Optimize sound qualities

### GOAL:

- To provide a flexible performance venue and large technology intensive multi-purpose instructional space.

### PROGRAM ACTIVITIES:

- Theatrical, dance, and musical productions
- Student assemblies
- Lectures
- Distance Learning
- Community programs and events

### SPATIAL RELATIONSHIPS:

- Convenient access to visitor parking
- Opens into lobby with ticket booth, public restrooms, and a public entrance with drop-off
- All facilities in this area must have easy access to the rest of the school, with capability to be closed off from all parts of the school during evenings for security



STAGE (con.)

---

Finishes:

Flooring:

Wood flooring

Ceiling:

Painted exposed structure

Walls:

Painted concrete masonry units

Loose Furnishings

Upright piano

Mobile folding risers

Podium

Orchestra shell (optional)

Communications

3 data ports on stage

one in center of stage apron

Voice port and telephone

Cable/MATV port

Video port, monitor, VCR,

And bracket

Microphone port

Jacks for sound system

in apron at front of stage

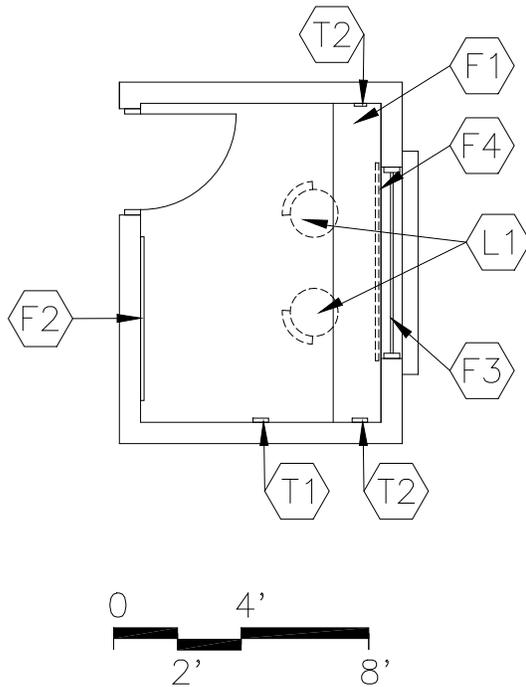
Fixed Equipment:

F1 Mirrors

F2 Theater and stage equipment

F3 Motorized projection screen

## TICKET BOOTH/BOX OFFICE



### CAPACITY:

- Ticket Sellers

### SIZE:

- 75 SF

### ANCILLARY SPACES:

- TBD

### GOAL:

- To provide a space for ticket sales

### PROGRAM ACTIVITY:

- Selling tickets

### SPATIAL RELATIONSHIPS:

- Located in Lobby adjacent to Auditorium
- Lockable window into corridor

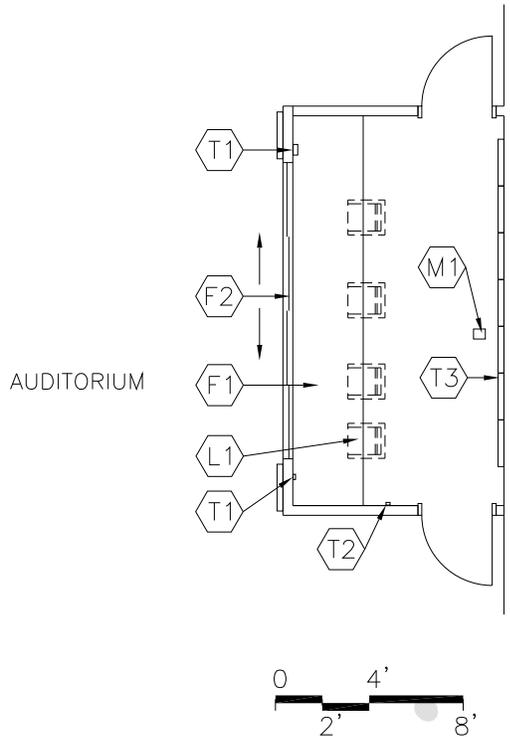
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate ventilation
- Electrical outlets for equipment

### TECHNOLOGY

- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability

## SOUND AND LIGHT CONTROL



### CAPACITY:

- 3 - 5 Students
- Teacher

### SIZE:

- Varies, see table

### ANCILLARY SPACES:

- Auditorium

### GOAL:

- To provide space for the equipment needed to operate the sound, lighting, and projection equipment for the auditorium

### PROGRAM ACTIVITIES:

- Operation of the technical support for performances
- Teaching of Technical Theater

### SPATIAL RELATIONSHIPS:

- Behind and above last row of auditorium seating

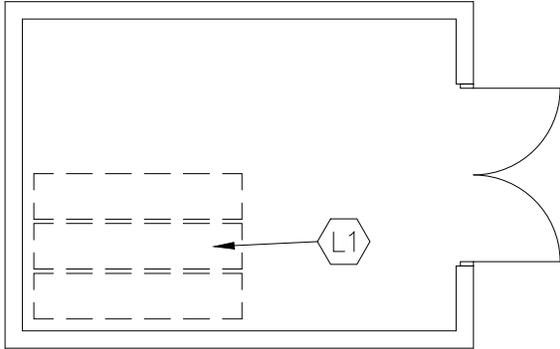
### ENVIRONMENTAL CONSIDERATIONS:

- Unobstructed view of stage at all times
- Uniform Lighting
- Task lighting
- Electrical outlets for equipment
- Environmental sound control:
  - Wall minimum: STC 55
  - Ceiling minimum: CAC 45
- Sound proof HVAC system
- Consider sound transfer into Auditorium during performances
- Handicapped accessible

### TECHNOLOGY

- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability

## CHAIR STORAGE



CAPACITY:  
N/A

SIZE:  
• 200 SF

ANCILLARY SPACES:  
• Auditorium (H-PA-1)

### GOAL:

- To provide a secure area for storing and retrieving chairs

### PROGRAM ACTIVITY:

- Storage for chairs

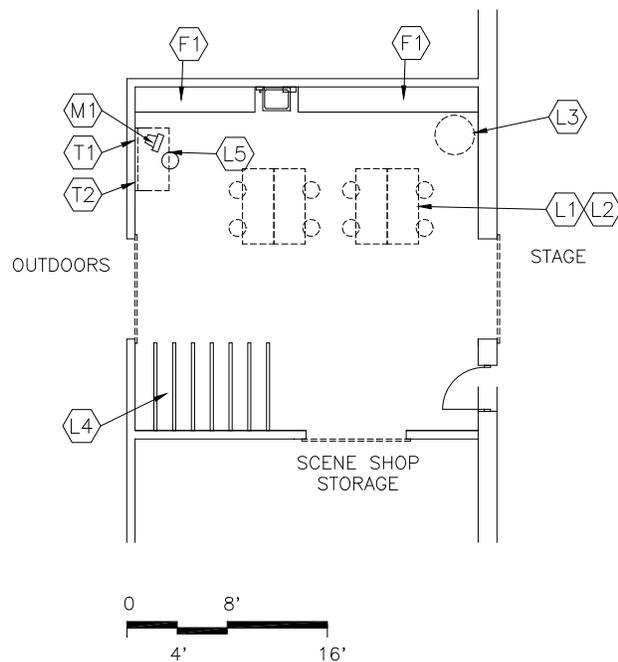
### SPATIAL RELATIONSHIP:

- Near auditorium orchestra pit

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Wide double door opening

## SCENE SHOP/STORAGE



### CAPACITY:

- Up to 15 students
- Drama Teacher

### SIZE:

- Varies

### ANCILLARY SPACES:

- Stage
- Scene Shop Storage

Note: All support spaces are desirable but not a priority if they cannot be located near the auditorium.

### GOAL:

- To provide an area for construction of sets, flats, and scenery for production

### PROGRAM ACTIVITIES:

- Painting
- Cutting wood
- Hammering nails

### SPATIAL RELATIONSHIPS:

- Adjacent and access to Stage
- Adjacent and access to Scene Shop Storage
- Outside access (if feasible)

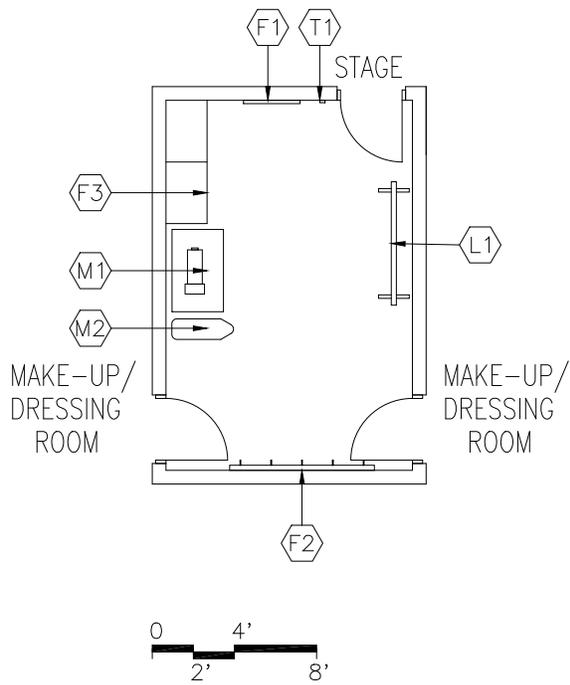
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Adequate ventilation and dust collection
- Minimum 20' clear ceiling height
- Doors should be 15' clear height and 10' wide to allow for moving flats to stage
- Electrical outlets for equipment
- Open floor space to allow for construction

### TECHNOLOGY

- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability

## COSTUME ROOM



### GOAL:

- To provide a secure area for storing and retrieving costumes

### PROGRAM ACTIVITY:

- Storage for costumes

### SPATIAL RELATIONSHIPS:

- Adjacent to Make Up/Dressing Room

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Electrical outlets for equipment
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Adequate ventilation

### CAPACITY:

- Students
- Staff

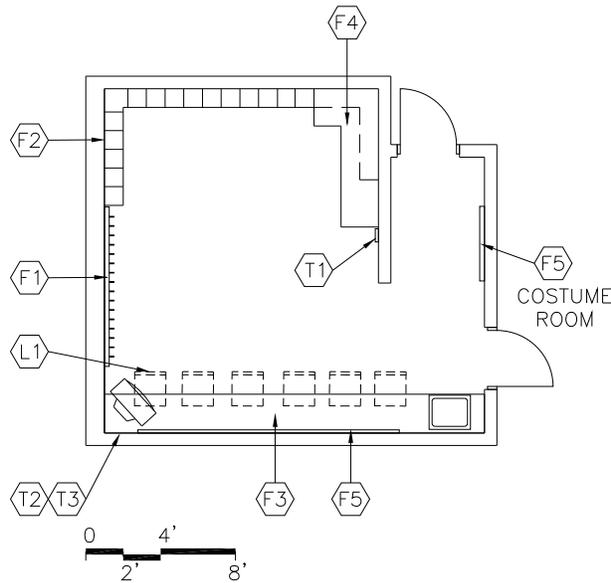
### SIZE:

- Varies

### ANCILLARY SPACE:

- Make Up/Dressing Room

## MAKE UP/DRESSING ROOM



### CAPACITY:

- 10-15 students

### SIZE:

- Varies

### ANCILLARY SPACES:

- Costume Room

### GOAL:

- To provide a space for performers to change into their costumes and put on make-up to prepare for performances

### PROGRAM ACTIVITIES:

- Putting on make-up
- Changing clothes
- Physical warm-up before performances
- Doubles as a green room

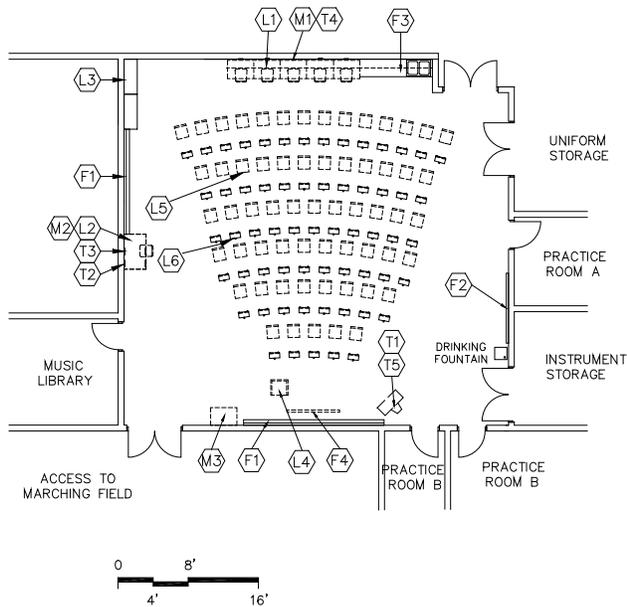
### SPATIAL RELATIONSHIPS:

- Adjacent to Drama Room
- Near Restrooms
- Locate behind stage
- Adjacent and access to Costume Room
- Near Prop Room
- Adjacent to Scene Shop Storage

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Surround lighting at make-up stations

## BAND/ ORCHESTRA ROOM



### CAPACITY:

- Up to 60 students
- Teacher

### SIZE:

- Varies

### ANCILLARY SPACES:

- Uniform Storage
- Instrument Storage
- Instrument Practice Room
- Music Library

### GOAL:

- To serve as the learning and practice area for instrument classes

### PROGRAM ACTIVITIES:

- Individual and small group practice
- Performance
- Teaching and learning to read music
- Jazz and chamber ensembles
- Keyboarding
- Independent study

### SPATIAL RELATIONSHIPS:

- Adjacent and access to Storage
- Adjacent and access to Instrument Practice Room
- Adjacent and access to Music Library

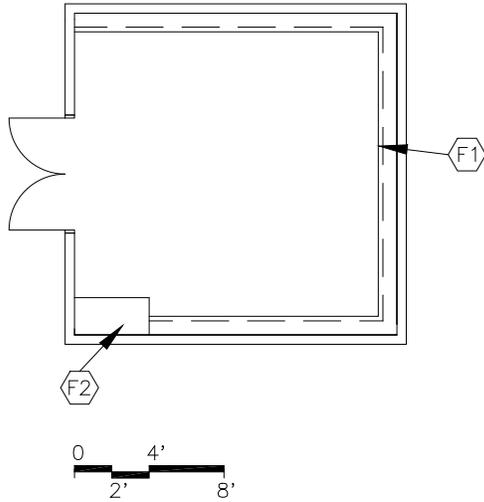
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform multilevel lighting
- Environmental sound control:
  - Wall minimum: STC 50
  - Ceiling minimum: CAC 35
- 8' high double doors throughout this area with removable mullions
  - Baffled ductwork
  - Sound proof HVAC system
- Appropriate acoustics and sound attenuation
- Adequate ventilation
- Electrical outlets for equipment
- Appropriate acoustical treatment
- Non-parallel surfaces (walls/ceiling) for acoustical benefits
- Sound seals on doors

### TECHNOLOGY and BUILT-IN EQUIPMENT

- See regular Classroom

## UNIFORM STORAGE



### GOAL:

- To provide secure and adequate storage for uniforms

### PROGRAM ACTIVITY:

- Storing and accessing uniforms

### SPATIAL RELATIONSHIPS:

- Adjacent to Band/Orchestra Room

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate ventilation

### CAPACITY:

N/A

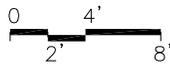
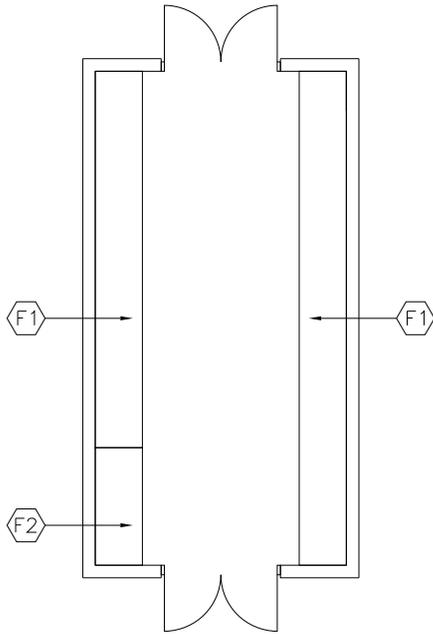
### SIZE:

- 300 SF

### ANCILLARY SPACES:

- Band/Orchestra Room

## INSTRUMENT STORAGE



CAPACITY:  
N/A

SIZE:  
• Varies

ANCILLARY SPACES:  
• Band/Orchestra Room

### GOAL:

- To provide secure and adequate storage for instruments

### PROGRAM ACTIVITY:

- Storage of instruments

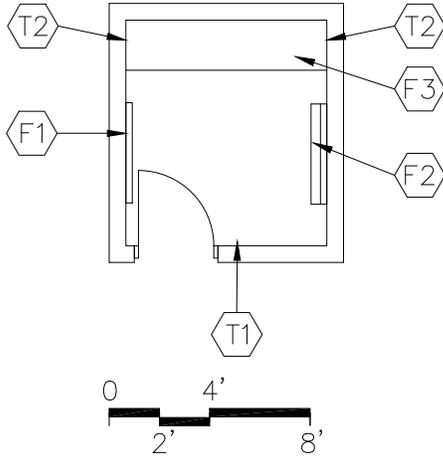
### SPATIAL RELATIONSHIP:

- Adjacent and access to Band/Orchestra Room
- Provide entrance and separate exit to the Band/Orchestra Room

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate ventilation

## INSTRUMENT PRACTICE ROOM



### CAPACITY:

- 1 - 2 Students
- Teacher

### SIZE:

- 75-125 SF
- 400 SF percussion room

### ANCILLARY SPACES:

- Band/Orchestra Room (H-PA-18)

### GOAL:

- To provide an area for individual student practice and rehearsals

### PROGRAM ACTIVITY:

- Instrumental practice/rehearsals

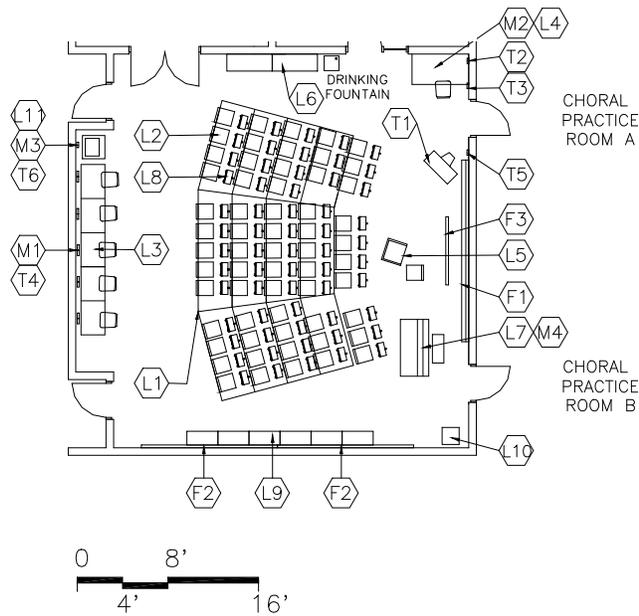
### SPATIAL RELATIONSHIP:

- Adjacent and access to Band/Orchestra Room

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 50
  - Ceiling minimum: CAC 35
- Adequate ventilation
- Auditory privacy

## CHORAL/KEY BOARDING ROOM



### CAPACITY:

- up to 20-30 students
- Teacher

### SIZE:

- Varies

Electrical requirements for keyboarding lab: see staff

### GOAL:

- To provide a space that will serve as the learning/ practice area for choral and keyboarding classes

### PROGRAM ACTIVITIES:

- Rehearsals
- Practice for sectional groups
- Solos
- Instruction

### SPATIAL RELATIONSHIPS:

- Near Auditorium Stage
- Adjacent and access to Practice Rooms

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform multilevel lighting
- Environmental sound control:  
Wall minimum: STC 50  
Ceiling minimum: CAC 35
- Baffled ductwork
- Quiet HVAC system
- Electrical outlets for equipment
- Appropriate acoustical treatment
- Higher than normal ceiling height, possibly sloped
- Drinking fountain in adjacent area
- Non-parallel surfaces (walls/ceiling) for acoustical benefits
- Sound seals on doors

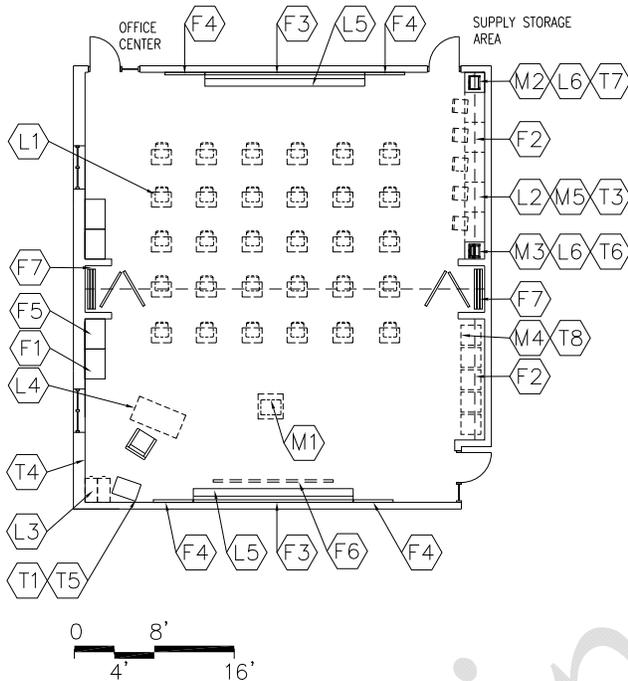
### TECHNOLOGY and BUILT-IN EQUIPMENT

- See regular Classroom

## ROTC Space Requirements

| Space                      | Suggestions |      |              | Comments                            |
|----------------------------|-------------|------|--------------|-------------------------------------|
|                            | Qty.        | S.F. | Total        |                                     |
| Office                     | 1           | 250  | 250          |                                     |
| Learning Center/Classrooms | 2           | 800  | 1600         | May be one room with a movable wall |
| Uniform Storage            | 1           | 250  | 250          |                                     |
| Armory storage             | 1           | 150  | 150          |                                     |
| <b>Total</b>               |             |      | <b>2,250</b> |                                     |

Note: At Roosevelt, the armory has been subdivided to house a fitness center. This space is shared by the ROTC staff and the PE staff.



**CAPACITY:**

- Up to 30 students
- 1 teacher

**GOALS:**

- To promote good citizenship behaviors such as: community service; pride in country, school and self; respect for others and national symbols such as the flag; and completing high school
- To provide a basic knowledge of the nation's military organizational structure
- To develop leadership and management skills
- To enhance self-confidence, self-discipline, and interpersonal skills

**PROGRAM ACTIVITIES:**

- Classroom instruction in leadership/followership theory, general military subjects proficiency, the history of flight, the science of flight, space operation, and leadership education.

**SPATIAL RELATIONSHIPS:**

- All JROTC facilities should be located adjacent to each other

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Windows to provide natural light and egress
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment

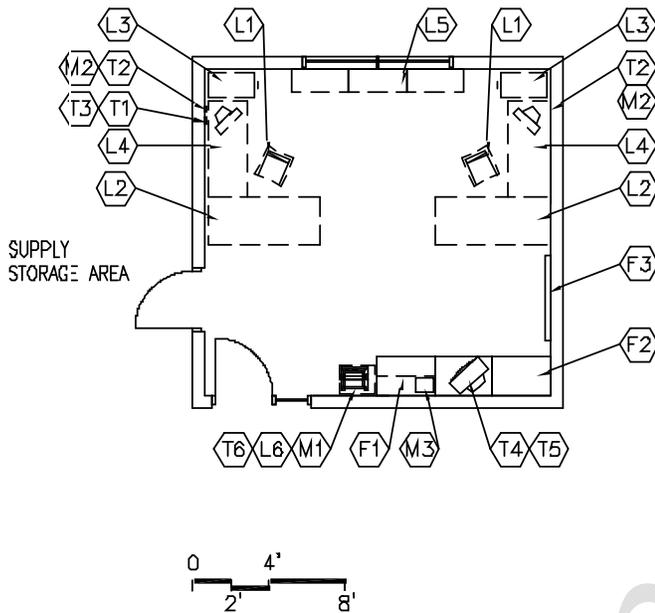
**LEARNING CENTER**

**H-JR-1**

|                                   |  | Spec.<br>Ref.#  |   |  | Spec.<br>Ref.# |
|-----------------------------------|--|-----------------|---|--|----------------|
| <u>Finishes<sup>1</sup>:</u>      |  |                 | <u>Features<sup>1</sup>:</u>  |  |                |
| <u>Flooring:</u>                  |  |                 | <u>Fire Suppression:</u>  |  | Div. 21        |
|                                   | Resilient tile flooring (as is)            | 096519          | Fire suppression system   |  |                |
| <u>Base</u>                       |  |                 | <u>Plumbing:</u>  |  |                |
|                                   | Resilient base                             | 096519          | N/A   |  |                |
| <u>Ceiling: (9' high minimum)</u> |  |                 | <u>HVAC:</u>  |  | Div. 23        |
|                                   | Suspended, acoustical                      | 095113          | Supply/return air system  |  |                |
| <u>Walls:</u>                     |  |                 | Independent temperature control                                     |  |                |
|                                   | Painted concrete masonry units or dry wall | 042000 / 099123 |   |  |                |
| <u>Loose Furnishings:</u>         |  |                 | <u>Electrical:</u>  |  | Div. 26        |
| L1                                | 24 student desks and chairs                |                 | Fluorescent lighting  |  |                |
| L4                                | Teacher desk and ergonomic task chair      |                 | Illumination levels: See table 7600-16                              |  |                |
| L5                                | Adjustable height bookshelves (24 LF)      |                 | Multilevel switching  |  |                |
| L6                                | Printer/scanner tables                     |                 | Duplex receptacles  |  |                |
|                                   | Student project storage                    |                 | 3 per primary teaching wall   |  |                |
|                                   | Wastebasket                                |                 | At least 2 per other walls  |  |                |
| <u>Features<sup>1</sup>:</u>      |  |                 | TVSS protected quad receptacle adjacent to each data and video port |  |                |
| <u>Fixed Equipment:</u>           |  |                 | Central sound system  |  |                |
| F3                                | Marker board (24 LF)                       | 101100          | Clock   |  |                |
| F4                                | Tack boards (16 LF minimum)                | 101100          |   |  |                |
| F6                                | Manual projection screen                   | 115213          | <u>Communications<sup>2</sup>:</u>                                  |  | Div. 27        |
| <u>Miscellaneous:</u>             |  |                 | T1  | 1 video port, monitor, VCR, and brackets |                |
| M1                                | Projection device on cart                  | Div. 27         | T2  | 1 voice port and phone                   |                |
| M5                                | 5 student multimedia computers             |                 | T3  | 5 data ports for student use             |                |
|                                   | Audio enhancement equipment                |                 | T4  | 1 data port near teacher workstation     |                |
|                                   |  |                 | T5  | Cable/MATV port                          |                |
|                                   |  |                 | T6  | 1 data port for printer                  |                |
|                                   |  |                 | T7  | 1 data port for scanner                  |                |
|                                   |  |                 | <u>Electronic Safety and Security:</u>                              |  | Div. 28        |
|                                   |  |                 | Life safety devices per code  |  |                |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications - Technology, Section 1240.



This area needs visibility to all areas of the suite and sublevel.

**CAPACITY:**

- 3 staff/teachers
- 3-4 student leaders

**ANCILLARY SPACES:**

- Supply Storage Areas (H-JR-2)

**GOAL:**

- To provide space and facilities to direct and control the JROTC program.

**PROGRAM ACTIVITIES:**

- Administrative control
- Reports preparation
- Records control
- Cadet record keeping for the unit
- Cadet counseling

**SPATIAL RELATIONSHIPS:**

- Should be the central location for the JROTC facility with all other spaces located around it
- Adjacent and access to Supply Storage Area

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Windows to provide natural light

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.

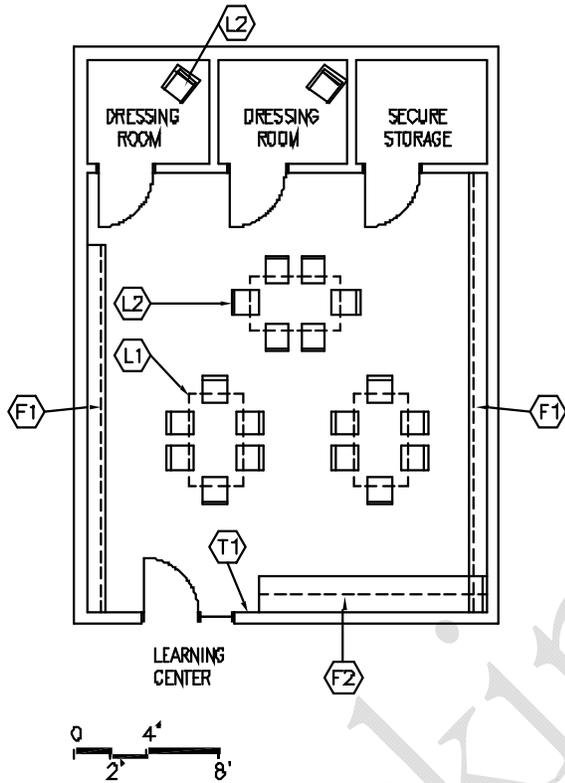
| <u>Finishes<sup>1</sup>:</u>                  | <u>Spec.<br/>Ref.#</u> | <u>Features<sup>1</sup>:</u>  | <u>Spec.<br/>Ref.#</u> |
|---|------------------------|---|------------------------|
| Flooring:                                     |                        | Fixed Equipment:  |                        |
| Resilient tile flooring                       | 09658196               | F1 Casework:  |                        |
| Base:   |                        | Base/wall cabinets  | 123200                 |
| Resilient base                                | 096519                 | F2 Casework:  |                        |
| Ceiling:                                      |                        | 2 lockable wardrobes  | 123200                 |
| Suspended, acoustical                         | 095113                 | F3 Tack board (4 LF)  | 101100                 |
| Walls:  |                        | Display cases (additional cases in corridor)                        |                        |
| Painted concrete masonry units                | 042000 / 099123        |   |                        |
|   |                        | <u>Fire Suppression:</u>  | Div. 21                |
|   |                        | Fire suppression system   |                        |
| <u>Loose Furnishings:</u>                     |                        | <u>Plumbing:</u>  |                        |
| L1 2 Ergonomic chairs                         |                        | N/A   |                        |
| L2 2 Desks                                    |                        |   |                        |
| L3 3, 4-drawer file cabinets                  |                        | <u>HVAC:</u>  | Div. 23                |
| L4 2 student workstations                     |                        | Supply/return air system  |                        |
| L5 Adjustable height bookshelves (24 LF)      |                        | Independent temperature control                                     |                        |
| L6 Printer table                              |                        |   |                        |
| Wastebasket                                   |                        | <u>Electrical:</u>  | Div. 26                |
| 2 Display cabinets (see staff for dimensions) |                        | Single-level switching  |                        |
|   |                        | Fluorescent lighting  |                        |
| <u>Miscellaneous:</u>                         |                        | Illumination level: See Table 7600-16                               |                        |
| M1 1 printer                                  |                        | Duplex receptacles  |                        |
| M2 3-6 computers                              |                        | TVSS protected quad receptacle adjacent to each data and video port |                        |
| M3 Fax  |                        | Central sound system  |                        |
|   |                        | Clock   |                        |
|   |                        | <u>Communications<sup>2</sup>:</u>                                  | Div. 27                |
|   |                        | T1 1 voice port and phone   |                        |
|   |                        | T2 6 data ports   |                        |
|   |                        | T3 1 direct voice port (not through school switch board)            |                        |
|   |                        | T4 Video port, monitor, VCR, and brackets                           |                        |
|   |                        | T5 Cable/MATV port  |                        |
|   |                        | T6 1 data port for printer  |                        |
|   |                        | <u>Electronic Safety and Security:</u>                              | Div. 28                |
|   |                        | Life safety devices per code  |                        |

NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications — Communications, Section 1240.

## UNIFORM STORAGE AREA

H-JR-2



### GOAL:

- To provide adequate, secure storage for the uniforms, supplies, and equipment, necessary for the functioning of the JROTC Unit

### PROGRAM ACTIVITIES:

- Storage of all classes of uniform and uniform items
- Storage of consumable and non-consumable supplies necessary for the unit to function

### SPATIAL RELATIONSHIPS:

- Adjacent and access to Office Center

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 450
  - Ceiling minimum: CAC 35
- Secure monitored alarm system

### NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

**UNIFORM STORAGE AREA**

**H-JR-2**

|                              |                                | Spec.<br>Ref.#  |  |   | Spec.   |
|------------------------------|--------------------------------|-----------------|--|---|---------|
| <u>Finishes<sup>1</sup>:</u> |                                |                 | <u>Features<sup>1</sup>:</u>           |   |         |
| Flooring:                    |                                |                 | Fixed Equipment:                       |   |         |
|                              | Resilient tile flooring        | 096519          | F1                                     | Closet shelving<br>Double rods                        | 062023  |
| Base:                        |                                |                 | F2                                     | Casework:<br>Base/wall, file cabinets,<br>and shelves | 123200  |
|                              | Resilient base                 | 096519          |  |   |         |
| Ceiling:                     |                                |                 | <u>Fire Suppression:</u>               |   | Div. 21 |
|                              | Suspended, acoustical          | 095113          | Fire suppression system                |   |         |
| Walls:                       |                                |                 | <u>Plumbing:</u>                       |   |         |
|                              | Painted concrete masonry units | 042000 / 099123 | N/A                                    |   |         |
| <u>Loose Furnishings:</u>    |                                |                 | <u>HVAC:</u>                           |   | Div. 23 |
|                              | Wastebasket                    |                 | Supply/return air system               |   |         |
|                              |                                |                 | <u>Electrical:</u>                     |   | Div. 26 |
|                              |                                |                 | Single level switching                 |   |         |
|                              |                                |                 | Fluorescent lighting                   |   |         |
|                              |                                |                 | Illumination level: See Table 7600-16  |   |         |
|                              |                                |                 | Duplex receptacles                     |   |         |
|                              |                                |                 | Security system                        |   |         |
|                              |                                |                 | Clock                                  |   |         |
|                              |                                |                 | <u>Communications<sup>2</sup>:</u>     |   | Div. 27 |
|                              |                                |                 | T1                                     | 1 voice port and phone                                |         |
|                              |                                |                 | <u>Electronic Safety and Security:</u> |   |         |
|                              |                                |                 | N/A                                    |   |         |

**NOTES:**

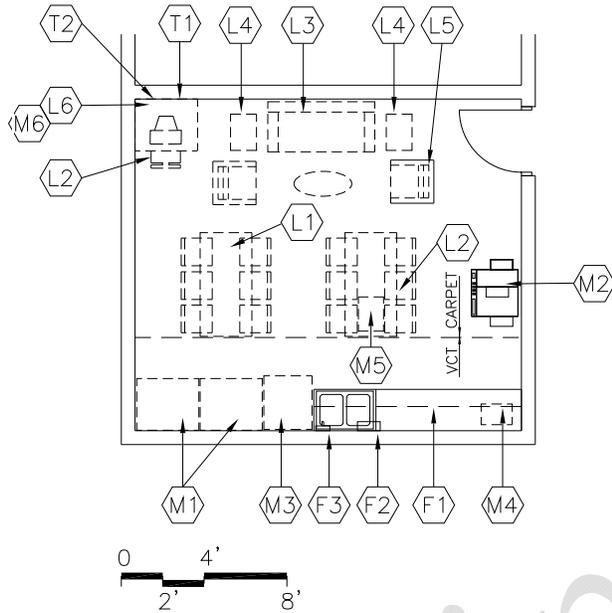
1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications — Communications, Section 1240.

### Family Support Center

| Space                        | Suggestions |      |             | Comments      |
|------------------------------|-------------|------|-------------|---------------|
|                              | Qty.        | S.F. | Total       |               |
| Day Care Center              | 1           | 2000 | 2000        |               |
| New Heights/Parent Center    | 1           | 800  | 800         |               |
| Office/storage (New Heights) | 1           | 270  | 270         | 100 SF Closet |
| <b>Total</b>                 |             |      | <b>3070</b> |               |

Working Draft

## NEW HEIGHTS/PARENT RM



### GOAL:

- Support space for students with families
- Parent Resource center

### PROGRAM ACTIVITY:

- Meeting with student parents, families, and pregnant students
- Focus group discussions

### SPATIAL RELATIONSHIPS:

- Near cafeteria

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light

### CAPACITY:

- 15-20 persons

### SIZE:

- Varies, see table

### NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.

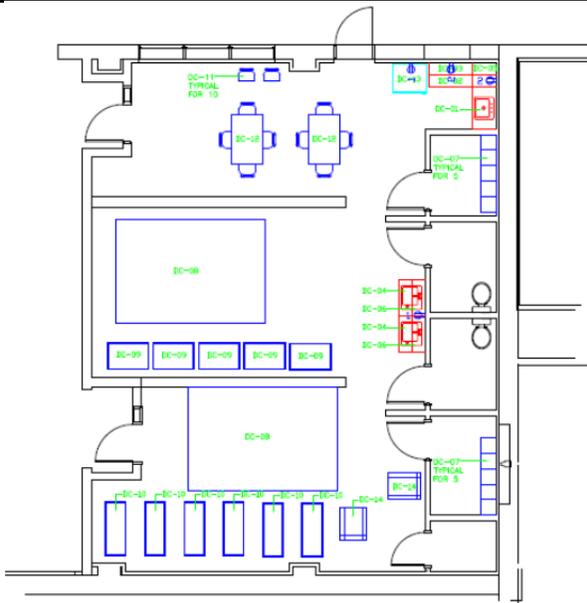
**NEW HEIGHTS/PARENT RM**

| <u>Finishes<sup>1</sup>:</u>      | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>           | <u>Spec. Ref.#</u> |
|-----------------------------------|--------------------|--|--------------------|
| Flooring:                         |                    | <b>Fixed Equipment:</b>                |                    |
| Resilient tile flooring           | 096519             | F1 Casework                            |                    |
|                                   |                    | Base/wall cabinets                     | 123200             |
| Base:                             |                    | F2 Towel dispenser                     | 102800             |
| Resilient base                    | 096519             | F3 Soap dispenser                      | 102800             |
|                                   |                    | F4 Tack board (8 LF)                   | 101100             |
| Ceiling: (8' high minimum)        |                    | 16' linear book shelving               |                    |
| Suspended, acoustical             | 095113             |  |                    |
| Walls:                            |                    | <b>Fire Suppression:</b>               | Div. 21            |
| Painted concrete masonry units    |                    | Fire suppression system                |                    |
| 042000 / 099123                   |                    |  |                    |
| <b>Loose Furnishings:</b>         |                    | <b>Plumbing:</b>                       | Div. 22            |
| L1 2 conference tables            |                    | Plumbing connections                   |                    |
| L2 12-14 chairs                   |                    | Sink                                   |                    |
| L3 Sofa                           |                    |  |                    |
| L4 End tables                     |                    | <b>HVAC:</b>                           | Div. 23            |
| L5 2 lounge chairs                |                    | Supply/return air system               |                    |
| L6 Computer workstation furniture |                    | Independent temperature                |                    |
| Wastebasket                       |                    | Control                                |                    |
| Area rug                          |                    | Exhaust air system                     |                    |
| 4 drawer file cabinet             |                    |  |                    |
| <b>Miscellaneous:</b>             |                    | <b>Electrical:</b>                     | Div. 26            |
| M3 Refrigerator                   |                    | Duplex receptacles                     |                    |
| M6 Computers and printers         |                    | TVSS protected quad receptacle         |                    |
|                                   |                    | adjacent to data port                  |                    |
|                                   |                    | Single-level switching                 |                    |
|                                   |                    | Fluorescent lighting                   |                    |
|                                   |                    | Illumination level: See Table 7600-16  |                    |
|                                   |                    | Clock                                  |                    |
|                                   |                    | Central sound system                   |                    |
|                                   |                    | <b>Communications:</b>                 | Div. 27            |
|                                   |                    | T1 Voice port and phone                |                    |
|                                   |                    | T2 Data ports near two workstations    |                    |
|                                   |                    | <b>Electronic Safety and Security:</b> | Div. 28            |
|                                   |                    | Life safety devices per code           |                    |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications – Technology, Section 1240.

## DAYCARE CENTER



### PROGRAM ACTIVITIES:

- Birth to 18 months (crib area)
- Toddlers area 1 (cots)
- Toddlers area 2 (play area)
- Bathrooms

### ENVIRONMENTAL CONSIDERATIONS:

- Windows to provide natural light and egress
- Adequate ventilation
- Electrical outlets for equipment
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
  - Reverberation Time: .4-.6 seconds
- Uniform lighting
- Window treatment to darken room

### CAPACITY:

- 5 staff
- 10-15 children
- Parents/other staff

### SIZE:

- 1,175 SF (Intent for SF)

### ANCILLARY SPACES:

- Restrooms E-ACA-16 (50 SF)

### SPATIAL RELATIONSHIPS:

- See illustration
- Locate at first floor for emergency evacuations, if possible

### NOTES:

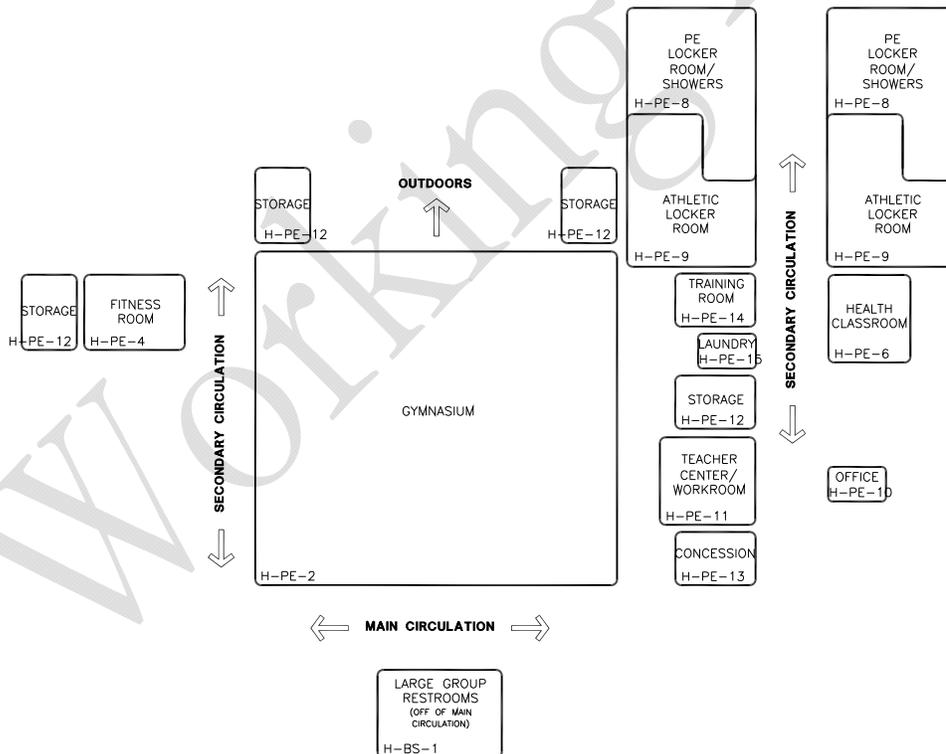
1. Loose furnishings and features shown represent one of many possible arrangements.
2. Locate sink at chase wall of restroom (or in close proximity)
3. Locate restroom chase as close to corridor as possible to minimize pipe runs

**DAYCARE CENTER**

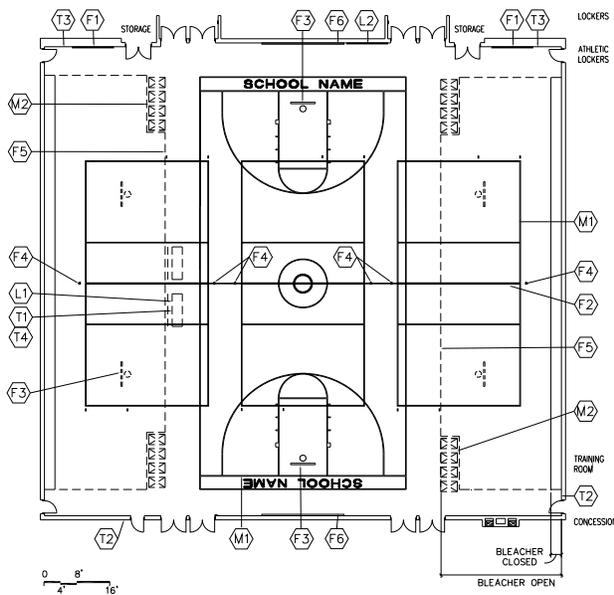
| <u>Finishes<sup>1</sup>:</u>                          | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>  | <u>Spec. Ref.#</u> |
|---|--------------------|---|--------------------|
| Flooring:   |                    | Fixed Equipment:  |                    |
| Rubber tile   | 096519/096816      | F1 Casework:  | 123200             |
|   |                    | Base/wall cabinets by sink  |                    |
| Base:   |                    | Sturdy shelving on 2 walls in storage                               |                    |
| Resilient base  | 096519             | F2 Carpentry:   |                    |
|   |                    | Student cubbies (10)  | 064123             |
| Ceiling (9' high minimum):                            |                    | F3 Casework:  |                    |
| Suspended, acoustical                                 | 095113             | Wall shelving (24 LF- H 30-32")                                     |                    |
|   |                    | 123200  |                    |
| Walls:  |                    | F4 Marker board (each area)   |                    |
| Painted concrete masonry units or dry wall            | 042000/099123      | 101100  |                    |
|   |                    | F5 Tack board flanking marker boards                                |                    |
| <u>Loose Furnishings:</u>                             |                    | F7 Soap dispenser   | 102800             |
| 2 Bound carpet rugs                                   |                    | F8 Towel dispenser  | 102800             |
| 6 toddler Cots  |                    | F9 Casework:  |                    |
| 5 cribs   |                    | Wardrobe (18"X18")  | 123200             |
| 2 rocking chairs                                      |                    | <u>Fire Suppression:</u>  | Div. 21            |
| 2 small student tables                                |                    | Fire suppression system   |                    |
| 10 small student chairs/2 adult chairs                |                    | <u>Plumbing:</u>  | Div. 22            |
| Mobile tote tray storage                              |                    | Sink with drinking fountain   |                    |
| Learning center sets such as play kitchen and blocks. |                    | Plumbing connections  |                    |
| Wastebasket   |                    | Wall-mounted watercloset  |                    |
|   |                    | Wall-mounted lavatory   |                    |
| <u>Communications:</u> <sup>2</sup>                   | Div. 27            | See   |                    |
| Video port, monitor, VCR/DVD, and brackets            |                    | <u>HVAC:</u>  | Div. 23            |
| Voice port and phone                                  |                    | Supply/return air system  |                    |
| Data port in play area                                |                    | Independent temperature control                                     |                    |
| Cable/MATV port                                       |                    | Exhaust air system (toilet)   |                    |
| Central sound system                                  |                    | <u>Electrical:</u>  | Div. 26            |
| Clock   |                    | Duplex receptacles  |                    |
| <u>Miscellaneous:</u>                                 |                    | 3 per primary teaching wall   |                    |
| Computer for teachers use                             |                    | At least 2 per other walls  |                    |
| TV in play area                                       |                    | TVSS protected quad receptacle adjacent to each data and video port |                    |
|   |                    | Multilevel switching  |                    |
|   |                    | Fluorescent lighting  |                    |
|   |                    | Illumination level: See Table 7600-16                               |                    |
|   |                    | <u>Electronic Safety and Security:</u>                              | Div. 28            |
|   |                    | Life safety devices per code  |                    |

## Physical Education Space Requirements

| Space                                |      |         |               | Comments                                  |
|--------------------------------------|------|---------|---------------|---|
|                                      | Qty. | S.F.    | Total         |   |
| Gymnasium                            | 1    | 11,000  | 11,000        | Or SF as is                               |
| Fitness Room                         | 1    | 1,600   | 1,600         |   |
| Dance/Aerobics                       | 1    | 2,400   | 2,400         | ½ court dimensions                        |
| Health Classroom                     | 1    | 800     | 800           |   |
| PE Locker Room/Showers               | 2    | 1,400   | 2,800         | Male and female                           |
| Athletic Locker Room/uniform storage | 2    | Varies  | 2,200         | Male and female (May share showers w/ PE) |
| Pool Locker Rooms                    |      |         |               |   |
| Dept. Office                         | 2    | 150     | 300           |   |
| Workroom/coaches offices             | 1    | 400     | 400           |   |
| Basketball/football offices/storage  | 2    | 300/400 | 700           |   |
| Storage                              | 2-4  | varies  | 1,700         |   |
| Concession                           | 1    | 200     | 200           |   |
| Training Room                        | 1    | 600     | 600           | Includes office                           |
| Laundry                              | 1    | 150     | 150           |   |
| <b>Total</b>                         |      |         | <b>24,850</b> |   |



## GYMNASIUM



### CAPACITY:

- Students
- Teachers and staff
- Community

### SIZE:

- Varies

### ANCILLARY SPACES:

- Athletic Lockers
- Storage
- Training Room

### GOAL:

- To serve as physical education facility during the school day, a practice and recreation area during non-school hours

### PROGRAM ACTIVITIES:

- Physical education classes, lectures/teaching
- Interscholastic competition and daily practices
- Community programs and activities, secured for after hour use

### SPATIAL RELATIONSHIPS:

- Near PE Locker Room/Showers
- Near outdoor athletic fields
- Near visitor parking and public and family restrooms (inside security gates)

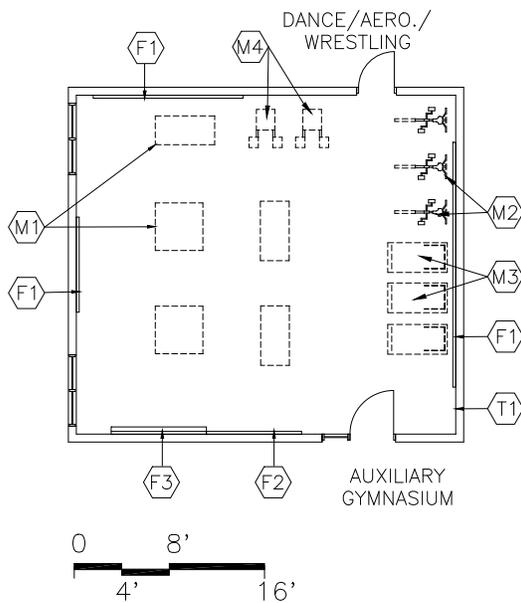
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting with multilevel controls
- Environmental sound control:  
Wall minimum: STC 50
- Clear height of 25' from floor to nearest obstruction
- Must be able to isolate the gymnasium from the rest of the school after hours
- Electrical outlets for equipment
- Drinking fountain in adjacent corridor
- Capacity of bleachers shall be minimum of the student capacity plus staff (if feasible)

### BUILT-IN EQUIPMENT

- A quality P/A sound system to service the gymnasium shall be provided.
- The walls and ceilings will require acoustical treatment.
- Padding on walls behind the goals and on the backboards shall be provided.
- Some tack strips on the walls are required to fasten banners
- The gymnasium will require Glass lexon basketball backboard (2), with break-away rims, forward swing, main court, Fiberglass basketball backboard (4), forward swing, side, cross court
- Each backboard (6) is to be raised and lowered electrically and shall retract away from bleachers.
- The gymnasium will require a multi-sport scoreboard.
- The gymnasium includes a 50 x 94 ft. basketball court with 6' safety perimeter on the sides and 8' safety perimeter on the ends.
- Provide block outs for three sets of volleyball standards and nets.
- The bleacher seating shall be electrically operated and fold back to provide a flat surface.
- Clock (with protective cage)

## FITNESS ROOM



### CAPACITY:

- Up to 20-30 persons

### ANCILLARY SPACES:

- Dance/Aerobics/Wrestling Room

### GOAL:

- To serve as a physical education teaching area and a wellness/workout area for students and community members.

### PROGRAM ACTIVITIES:

- Physical education classes learning to develop muscular, respiratory, and cardiovascular systems
- Community and staff members learning to develop and maintain health and fitness

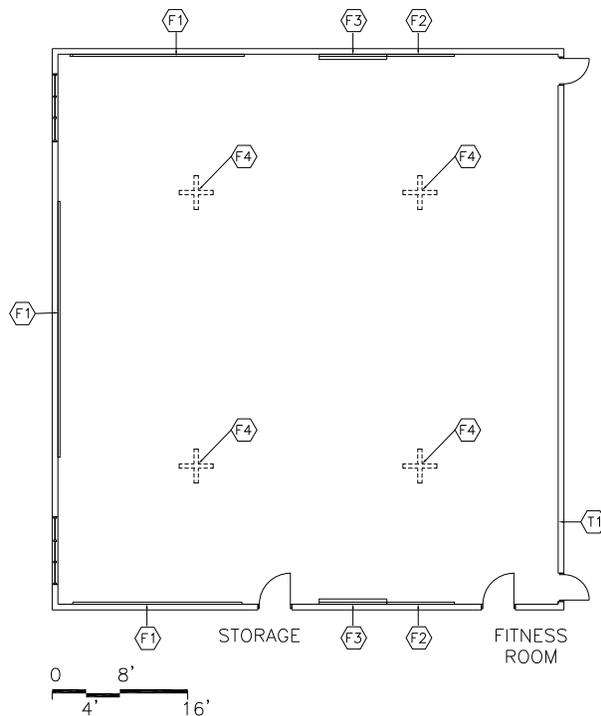
### SPATIAL RELATIONSHIPS:

- Adjacent and access to Dance/Aerobics/Wrestling Room
- Near entrance to building
- Near parking area
- Must be able to isolate the Fitness Room from the rest of the school after hours

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Flexibility of space
- Adequate ventilation
- Electrical outlets for equipment
- Windows to provide natural light

## DANCE/AEROBICS



### CAPACITY:

- Students
- Teachers and staff
- Community

### SIZE:

- Varies

### ANCILLARY SPACES:

- Fitness Room
- Storage

### GOAL:

- To serve as a physical education teaching area, strength development area for athletes, and a wellness/workout for students and community members

### PROGRAM ACTIVITIES:

- Physical education classes learning to develop muscular, respiratory, and cardiovascular systems
- Members of athletic teams improving performance and to rehabilitate injured body areas
- Community and staff members developing and maintaining health and fitness

### SPATIAL RELATIONSHIPS:

- Near PE Locker Rooms/Showers
- Adjacent and access to Fitness Room
- Adjacent and access to Storage

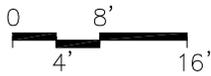
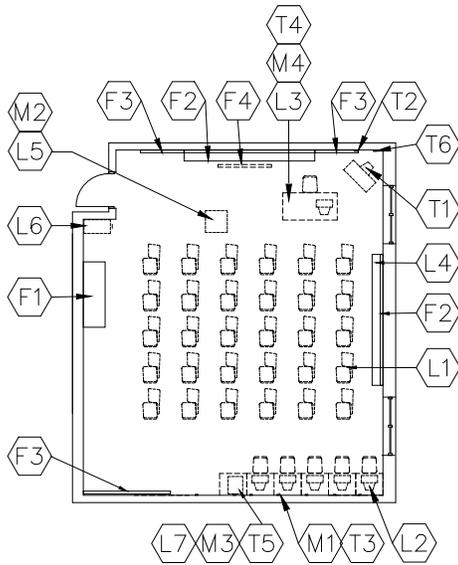
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Flooring to allow for flexible uses
- Adequate ventilation
- Electrical outlets for equipment
- Drinking fountain in adjacent corridor
- Windows to provide natural light (if feasible)

### BUILT-IN EQUIPMENT

- Sound system
- Mirrors on one wall
- Wood floor
- Ceiling fans

## HEALTH CLASSROOM



### CAPACITY:

- Students
- Teachers
- Parents/other staff

### SIZE:

- 800 SF

### ANCILLARY SPACES:

- Multipurpose Gymnasium (M-PEH-1)

### GOAL:

- To provide a flexible space to accommodate physical education classes

### PROGRAM ACTIVITIES:

- Health instruction
- Project teams
- Post game team briefings
- Department meetings

### SPATIAL RELATIONSHIP:

- Near Gymnasium

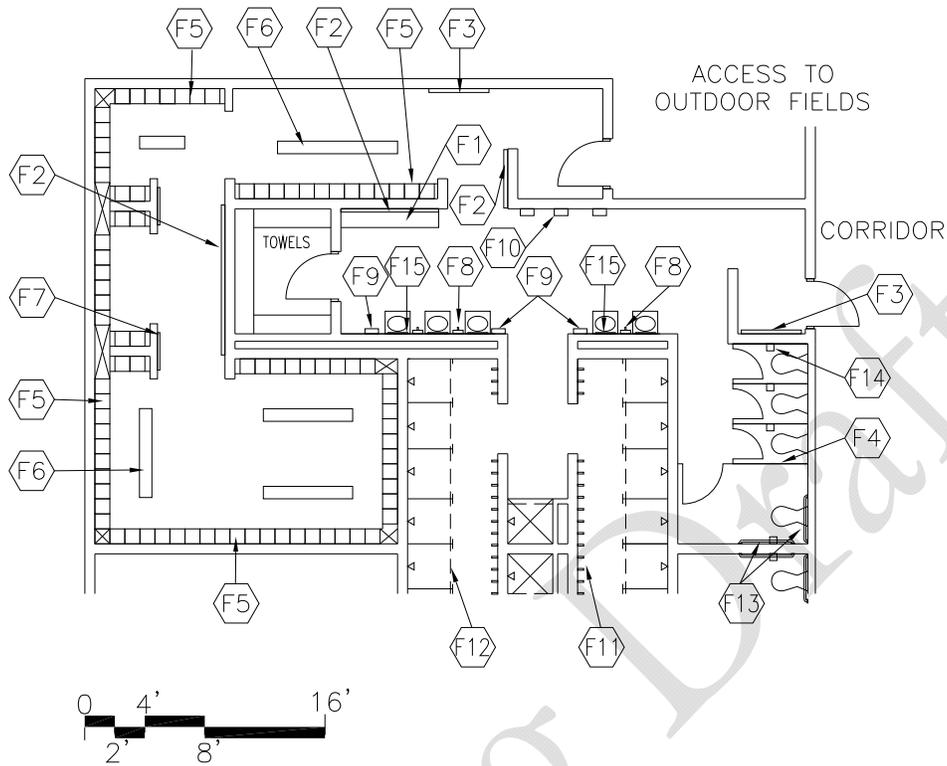
### ENVIRONMENTAL CONSIDERATIONS:

- Windows to provide natural light and egress
- Electrical outlets for equipment
- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Proportion classroom for effective viewing and listening from all areas of the classroom

### TECHNOLOGY AND BUILT-IN EQUIPMENT

See regular classroom

## PE LOCKER ROOM/SHOWERS



### CAPACITY:

- 30-40 students
- Others as appropriate

### SIZE:

- Varies

### ANCILLARY SPACES:

- Gymnasium
- Athletic Lockers

### GOAL:

- To provide a safe and clean area for students to change, store clothes, and shower

### PROGRAM ACTIVITIES:

- Change clothing
- Showering
- Clothing storage
- Minor medical treatment

### SPATIAL RELATIONSHIPS:

- Adjacent and access to Athletic Lockers
- Adjacent and access to Gymnasium
- Access to the outdoor fields

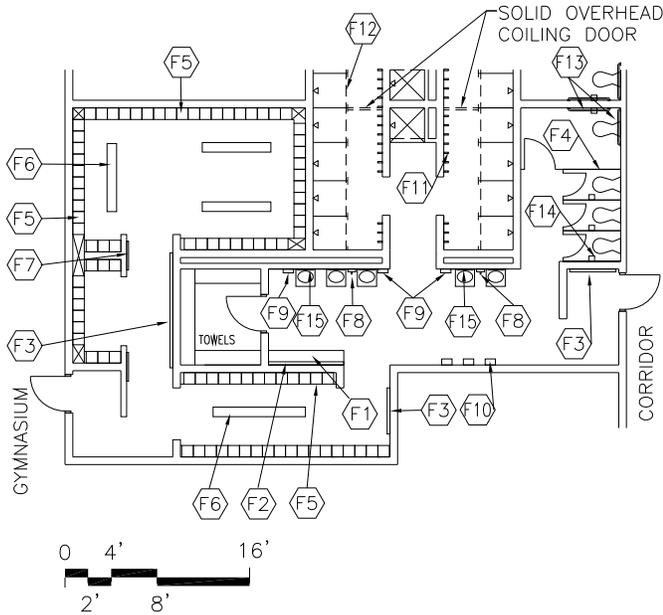
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Adequate ventilation/exhaust
- Cleanable building surfaces
- Locate lockers on wall in vestibule outside of toilet shower room
- Towel storage in adjacent area

### NOTES:

Loose furnishings and features shown represent one of many possible arrangements.

## ATHLETIC LOCKERS



### CAPACITY:

- Athletic teams
- Visiting teams
- Other as appropriate

### SIZE:

- Varies

### ANCILLARY SPACES:

- Gymnasium
- PE Locker Room/Showers

### GOAL:

- To provide a safe and clean area for students to change, store clothes, and shower for home and visiting athletic teams and others as appropriate

### PROGRAM ACTIVITIES:

- Change clothing
- Showering
- Clothing storage
- Minor medical treatment

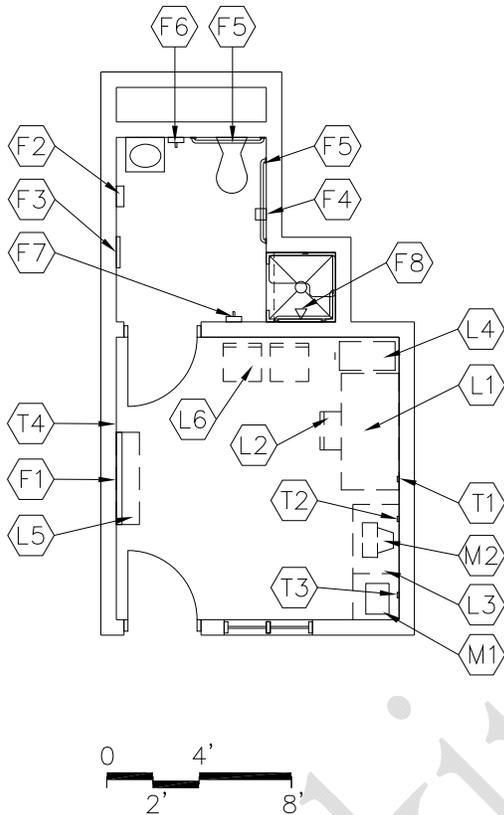
### SPATIAL RELATIONSHIPS:

- Adjacent and access to Gymnasium
- Adjacent and access to PE Locker Room/Showers
- Near outdoor fields
- Provide separation between locker rooms to accommodate up to four teams

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Adequate ventilation
- Cleanable building surfaces
- Handicapped accessible
- Locate lockers on wall in vestibule outside of toilet/shower room
- Towel storage in adjacent area

## DEPARTMENT OFFICES



### CAPACITY:

- 1-2 Teachers
- Student teachers

### SIZE:

- 150-250 SF

### ANCILLARY SPACES:

N/A

### GOAL:

- To provide a work area for physical education teachers and staff to conduct administrative duties

### PROGRAM ACTIVITIES:

- Scheduling
- Planning
- Ordering
- Maintaining records
- Meeting

### SPATIAL RELATIONSHIP:

- Near Locker Rooms/Shower

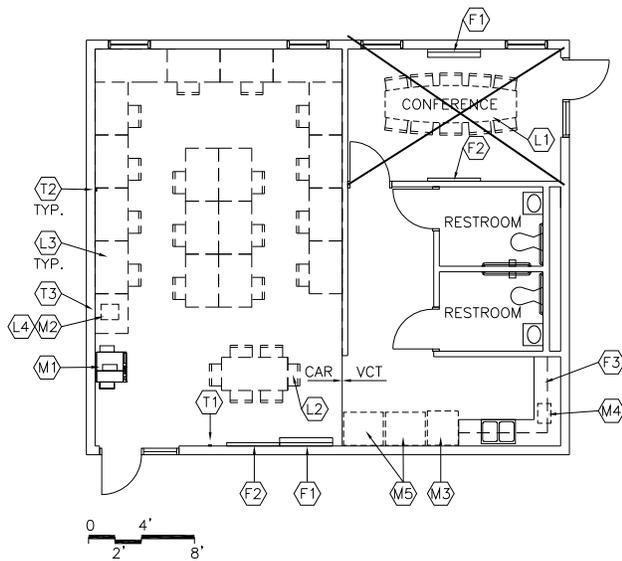
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Auditory privacy

### TECHNOLOGY

- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability

## COACHES//WORKROOM



### CAPACITY:

- Coaches
- Teachers

### SIZE:

- Varies

### ANCILLARY SPACES:

N/A

### GOAL:

- To provide space for teachers and coaches to carry out their administrative duties, prepare materials for class, access the Internet, lock up personal items, and to socialize and relax

### PROGRAM ACTIVITIES:

- Store files (floating teachers or shared department files)
- Grade papers
- Enter and access data
- Prepare lessons using computer, video, and other resources
- Contact community resources via telephone and e-mail
- Socializing and relaxing
- Eating lunch

### SPATIAL RELATIONSHIPS:

- Near PE spaces
- Contains restrooms, kitchenette, shared workstations and conference room

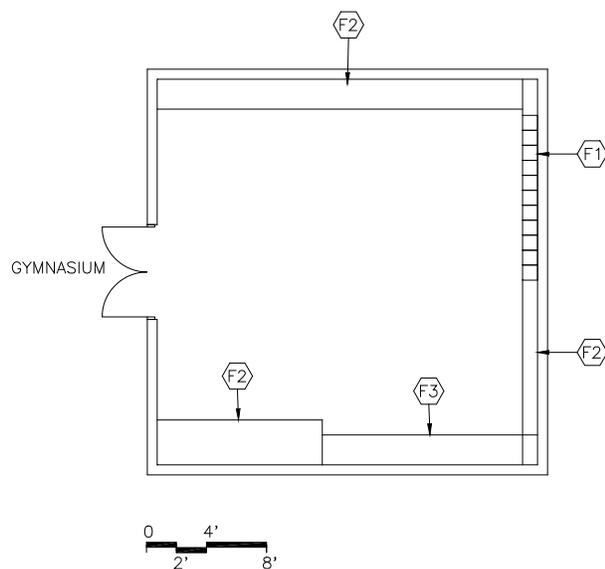
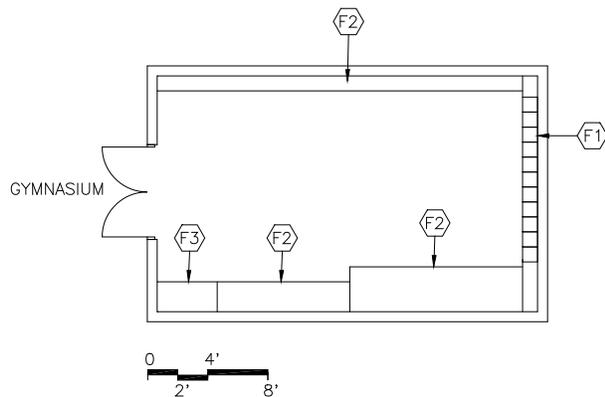
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light and egress
- Ventilation for kitchenette

### TECHNOLOGY AND BUILT-IN EQUIPMENT

- See teachers' work rooms

## STORAGE



CAPACITY:  
N/A

SIZE:  
• Varies

ANCILLARY SPACES:  
• Gymnasium (H-PE-2)  
• Auxiliary Gymnasium (H-PE-3)

### GOAL:

- To provide space to adequately store PE and athletic equipment (PE and athletic equipment needs to be stored separately)

### PROGRAM ACTIVITIES:

- Storage for equipment
- Storing sound system and other equipment in the physical education/athletic area

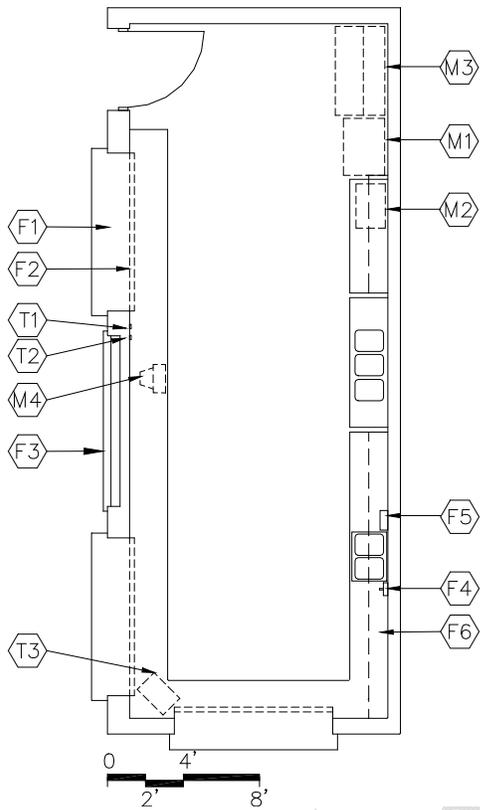
### SPATIAL RELATIONSHIPS:

- Adjacent and access to Gymnasium
- Adjacent and access to Auxiliary Gymnasium
- Near PE areas

### ENVIRONMENTAL CONSIDERATIONS:

- Climate control to dry uniforms and other equipment which get wet during use
- Separate storage areas for inactive sports, physical education, and athletics
- Uniform lighting
- Open space
- Provide secure storage
- Flexibility of storage use

## CONCESSIONS



### CAPACITY:

- Students
- Patrons

### SIZE:

- Varies

### ANCILLARY SPACES:

N/A

### GOALS:

- To provide space for the public to purchase refreshments and tickets during events
- To provide display areas to celebrate triumphs of the school
- To provide a location for a video trophy case

### PROGRAM ACTIVITIES:

- Ticket sales
- Displaying school recognition awards
- Refreshment sales
- Common gathering place for community and school athletic events

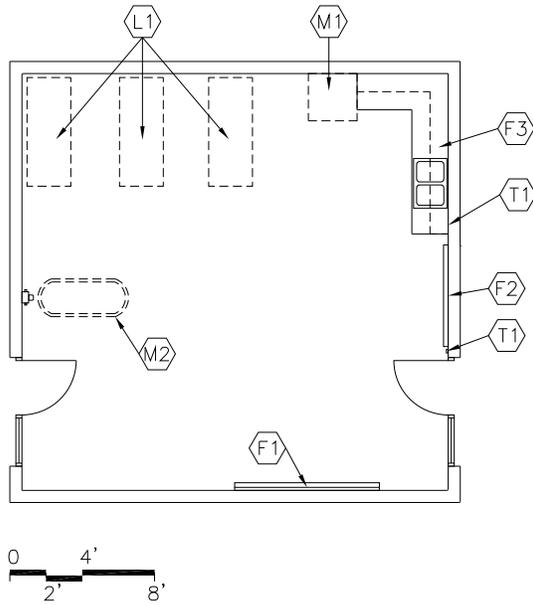
### SPATIAL RELATIONSHIPS:

- Near Gymnasium
- Near Restrooms
- Near public pay phones

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate ventilation/exhaust
- Large door to transport large boxes and equipment to and from the area
- Electrical outlets for equipment
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Food service department and public health, requirements, as applicable
- Cleanable building surfaces
- Good signage
- Good traffic flow
- Easy to supervise

## TRAINING ROOM



### CAPACITY:

- 1-2 Students
- Teacher/trainer

### SIZE:

- Varies

### ANCILLARY SPACES:

- Gymnasium

### GOAL:

- To provide a place for treatment of injuries

### PROGRAM ACTIVITIES:

- Taping of joints
- Minor rehabilitation

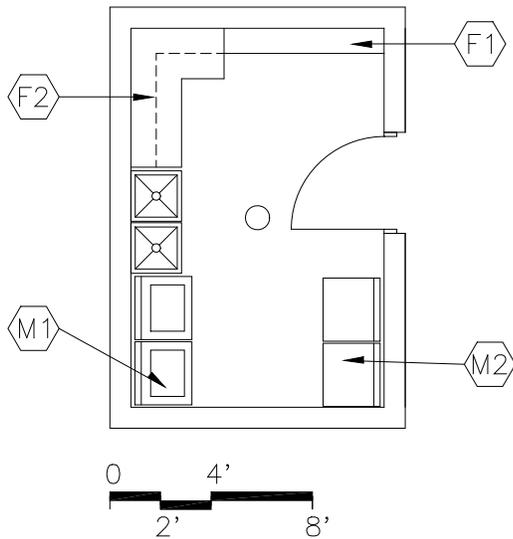
### SPATIAL RELATIONSHIPS:

- Adjacent and access to Gymnasium
- Near PE Locker Room/Showers
- Near Athletic Lockers

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Adequate ventilation
- Windows to provide natural light, desirable

## LAUNDRY



### CAPACITY:

- 1-2 Teachers/staff

### SIZE:

- 150 SF

### ANCILLARY SPACES:

N/A

### GOAL:

- To provide space to wash/dry athletic/PE garments, towels, etc.

### PROGRAM ACTIVITY:

- Washing and drying clothes

### SPATIAL RELATIONSHIPS:

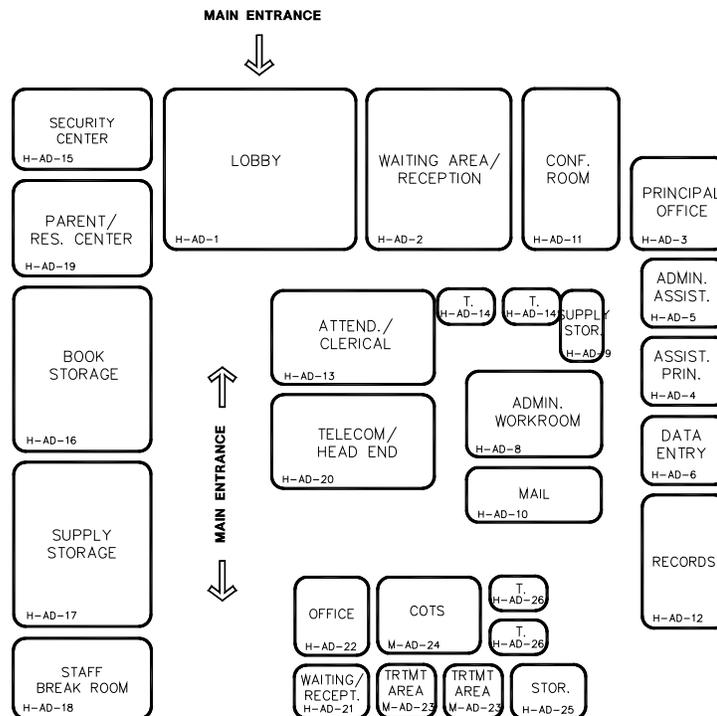
- Near PE Locker Room/Showers
- Near Athletic Lockers

### ENVIRONMENTAL CONSIDERATIONS:

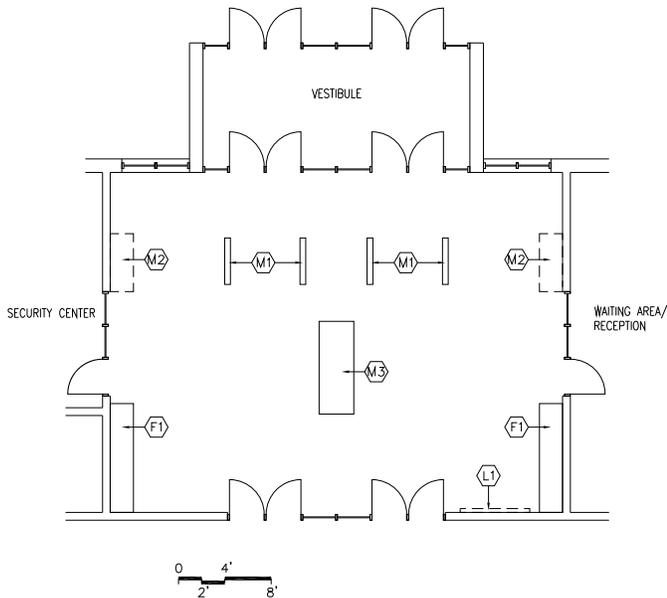
- Uniform lighting
- Cleanable building surfaces
- Electrical outlets for equipment
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Adequate ventilation/exhaust
- Cleanable building surfaces

## Administration Space Requirements

| Space                          |      |       |              | Comments                    |
|--------------------------------|------|-------|--------------|-----------------------------|
|                                | Qty. | S.F.  | Total        |                             |
| Lobbies                        | 2    | 2,000 | 2,000        | Main lobby/student entrance |
| Waiting Area/Reception         | 1    | 400   | 400          |                             |
| Principal's Office             | 1    | 230   | 230          | Includes toilet/shower      |
| Conference Room                | 1    | 250   | 250          | Adj. to principal           |
| Business Managers Office/vault | 1    | 150   | 150          |                             |
| Administrative Workroom        | 1    | 300   | 300          |                             |
| Administrative Supply Storage  | 1    | 75    | 75           |                             |
| Mail Room                      | 1    | 100   | 100          |                             |
| Attendance Office/Registrar    | 1    | 250   | 250          |                             |
| Records Storage                | 1    | 400   | 400          |                             |
| Supply (General) Storage       | 1    | 450   | 450          |                             |
| Staff Break Room               | 1    | 400   | 400          |                             |
| Telecom/Head End Room(s)       | 1    | 300   | 300          |                             |
| <b>Total</b>                   |      |       | <b>5,305</b> |                             |



## LOBBY



### CAPACITY:

- General public
- School population

### SIZE:

- Varies, see table

### ANCILLARY SPACES:

N/A

### GOAL:

- To immediately greet visitors with a welcoming atmosphere and to provide easy accessibility for the public

### PROGRAM ACTIVITIES:

N/A

### SPATIAL RELATIONSHIP:

- Adjacent and access to Security Office

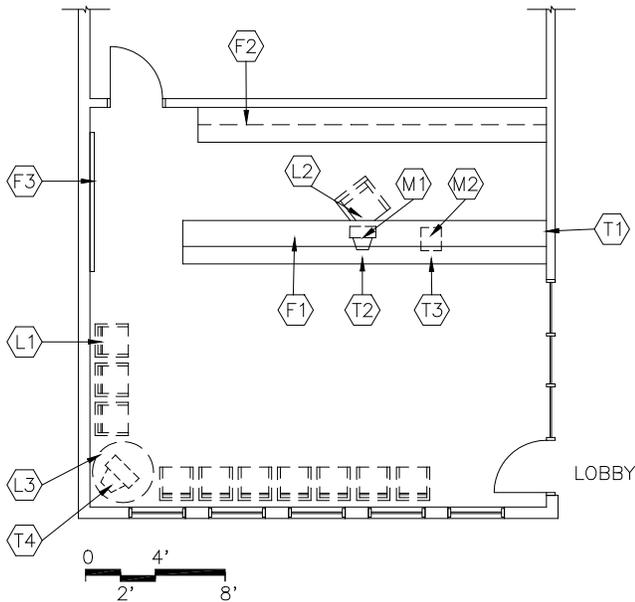
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting with accent lighting as appropriate
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Aesthetically pleasing
- Provide exterior canopies at entrances
- Window to provide ample natural light
- Treat for sound attenuation

### BUILT-IN EQUIPMENT

The architect is to work with the school and district security to develop a safe and respectful security arrangement for students, staff and visitors

**WAITING AREA / RECEPTION  
H-AD-2**



**GOAL:**

- To provide a welcoming atmosphere and to serve as an information area for those coming into the school

**PROGRAM ACTIVITIES:**

- Greeting people and directing them to the proper location or person
- Waiting area for visitors and staff members

**SPATIAL RELATIONSHIPS:**

- Adjacent to Lobby
- Easy to locate and identify
- Maximize view to Lobby and entry
- Near Conference Room

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting, areas of soft lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Inviting to visitors
- Electrical outlets for equipment
- Windows to provide natural light

**CAPACITY:**

- General public
- Staff
- Students

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Entrance Lobby (H-AD-1)

**NOTES:**

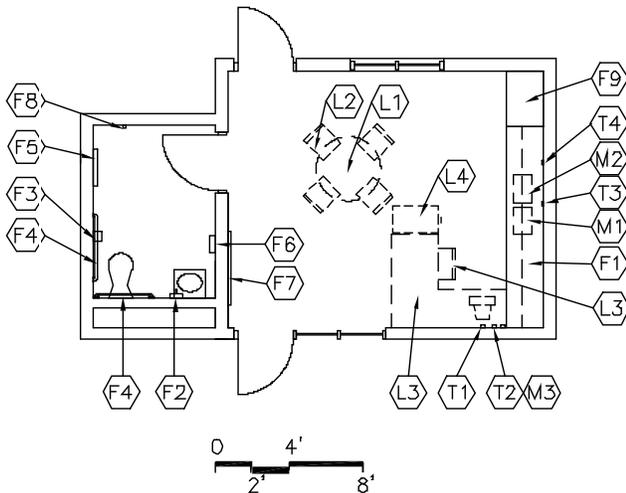
1. Loose furnishings and features shown represent one of many possible arrangements.

**WAITING AREA / RECEPTION  
H-AD-2**

| <u>Finishes<sup>1</sup>:</u>   | Spec.<br><u>Ref.#</u> | <u>Features<sup>1</sup>:</u>   | Spec.<br><u>Ref.#</u> |
|--|-----------------------|--|-----------------------|
| Flooring:<br>Carpet  | 096816                | Fixed Equipment:<br>F1 Reception desk  | 064123                |
| Base:<br>Resilient base  | 096519                | F2 Casework:<br>Base/wall cabinets   | 123200                |
| Ceiling: (8' high minimum)<br>Suspended, acoustical  | 095113                | F3 Tack board (8 LF)   | 101100                |
| Walls:<br>Painted gypsum wallboard<br>over metal studs   | 092116 / 099123       | <u>Fire Suppression:</u><br>Fire suppression system  | Div. 21               |
| <u>Loose Furnishings:</u><br>L1 Visitor chairs<br>L2 Ergonomic task chair<br>L3 End table<br>Wastebasket |                       | <u>Plumbing:</u><br>N/A  |                       |
| <u>Miscellaneous:</u><br>M1 Computer<br>M2 Printer   |                       | <u>HVAC:</u> Div. 23<br>Supply/return air system<br>Independent temperature<br>control   |                       |
|  |                       | <u>Electrical:</u> Div. 26<br>Duplex receptacles<br>Single-level switching<br>Spotlighting<br>Fluorescent lighting<br>Illumination level: See Table 7600-16<br>Clock<br>Central sound system<br>TVSS protected quad receptacle<br>and adjacent to each data<br>and video ports |                       |
|  |                       | <u>Communications<sup>2</sup>:</u><br>T1 Voice port, and phone<br>T2 Data port near workstation<br>T3 Data port near printer<br>T4 1 video port, monitor, VCR,<br>and brackets   | Div. 27               |
|  |                       | <u>Electronic Safety and Security:</u><br>Life safety devices per code   | Div. 28               |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to Educational Specifications — Technology, Section 1240.



**CAPACITY:**

- Principal
- Small groups (6-10 people)

**SIZE:**

- 230 SF

**ANCILLARY SPACES:**

- Administrative Assistant's Office (H-AD-5)

**GOAL:**

- To serve as the home base for the principal from which he/she can provide instructional leadership in a personal, flexible, and organized environment for students, staff, and community

**PROGRAM ACTIVITIES:**

- Conferences with staff and other visitors
- Telephone calls
- Administrative paperwork
- Planning
- Computer input
- Interaction with students

**SPATIAL RELATIONSHIPS:**

- Adjacent to Administrative Assistant's Office
- Near one Assistant Principal's Office
- Near Storage
- Near Conference Room

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light
- Private restroom
- Adequate exhaust (restroom)
- Auditory privacy

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.

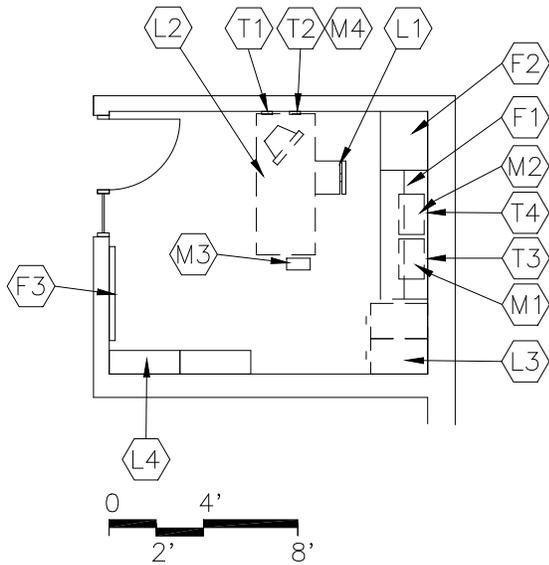
**PRINCIPAL'S OFFICE  
H-AD-3**

| <u>Finishes<sup>1</sup>:</u>           | Spec.<br><u>Ref.#</u> | <u>Features<sup>1</sup>:</u>          | Spec.<br><u>Ref.#</u> |
|--|-----------------------|---------------------------------------|-----------------------|
| Flooring:                              |                       | Fixed Equipment:                      |                       |
| Carpet                                 | 096816                | F1 Casework:                          | 123200                |
| Office restroom:                       |                       | Base/wall cabinets and shelving       |                       |
| Vinyl composition tile                 | 096519                | F2 Soap dispenser                     | 102800                |
| Base:                                  |                       | F3 Toilet tissue holder               | 102800                |
| Resilient base                         | 096519                | F4 36" and 42" grab bars              | 102800                |
| Ceiling: (8' high minimum)             |                       | F5 24" x 60" mirror                   | 102800                |
| Suspended, acoustical                  | 095113                | F6 Towel dispenser                    | 102800                |
| Walls:                                 |                       | F7 Tack board (4 LF)                  | 101100                |
| Painted gypsum wallboard               |                       | F8 Coat hook                          | 102800                |
| over metal studs                       | 092116 / 099123       | F9 Casework:                          |                       |
|  |                       | Wardrobe                              | 123200                |
| <u>Loose Furnishings:</u>              |                       | <u>Fire Suppression:</u>              | Div. 21               |
| L1 Conference table                    |                       | Fire suppression system               |                       |
| L2 4 side chairs                       |                       | <u>Plumbing:</u>                      | Div. 22               |
| L3 Desk and chair                      |                       | Wall-mounted water closet             |                       |
| L4 Four-drawer locking file cabinet    |                       | Wall-mounted lavatory                 |                       |
| Wastebasket                            |                       | Plumbing connections                  |                       |
|  |                       | Floor drain - in restroom             |                       |
| <u>Miscellaneous:</u>                  |                       | <u>HVAC:</u>                          | Div. 23               |
| M1 Fax                                 |                       | Supply/return air system              |                       |
| M2 Printer                             |                       | Independent temperature control       |                       |
| M3 Computer                            |                       | Exhaust air system                    |                       |
| <u>Communications<sup>2</sup>:</u>     | Div. 27               | <u>Electrical:</u>                    | Div. 26               |
| T1 Voice port and phone                |                       | Duplex receptacles                    |                       |
| T2 Data port near workstation          |                       | TVSS protected quad receptacle        |                       |
| T3 Fax port                            |                       | adjacent to each data port            |                       |
| T4 Data port for printer               |                       | Single-level switching                |                       |
| <u>Electronic Safety and Security:</u> | Div. 28               | Fluorescent lighting                  |                       |
| Life safety devices per code           |                       | Illumination level: See Table 7600-16 |                       |
|  |                       | Clock                                 |                       |
|  |                       | Central sound system                  |                       |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications — Technology, Section 1240.

## BUSINESS MANAGER OFFICE



### CAPACITY:

- Business Manager

### SIZE:

- 150 SF

### ANCILLARY SPACES:

- Waiting Area/Reception (H-AD-2)

### GOAL:

- To serve as an area from which the Business manager can effectively provide support
- Vault

### PROGRAM ACTIVITIES:

- Financial accounting and bookkeeper functions
- General office work
- Answering telephone
- Data input and retrieval

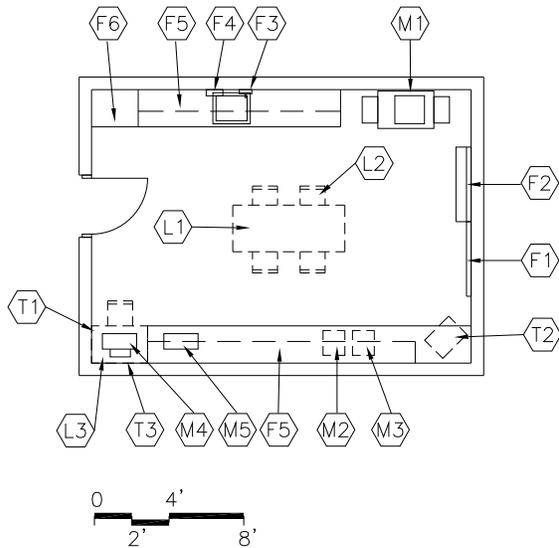
### SPATIAL RELATIONSHIPS:

- Adjacent and access to Waiting Area/Reception
- Visual access to Waiting Area/Reception
- Adjacent to Principal's Office

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Auditory privacy

## ADMINISTRATIVE WORKROOM



### CAPACITY:

- Secretaries and Administrators
- Volunteers
- Staff

### SIZE:

- Varies, see table

### ANCILLARY SPACES:

N/A

### GOAL:

- To provide an area for office projects to be completed

### PROGRAM ACTIVITIES:

- Copying
- Collating
- Sorting of files
- Preparing communications for mailing
- Binding reports
- Telephone communications
- Laminating

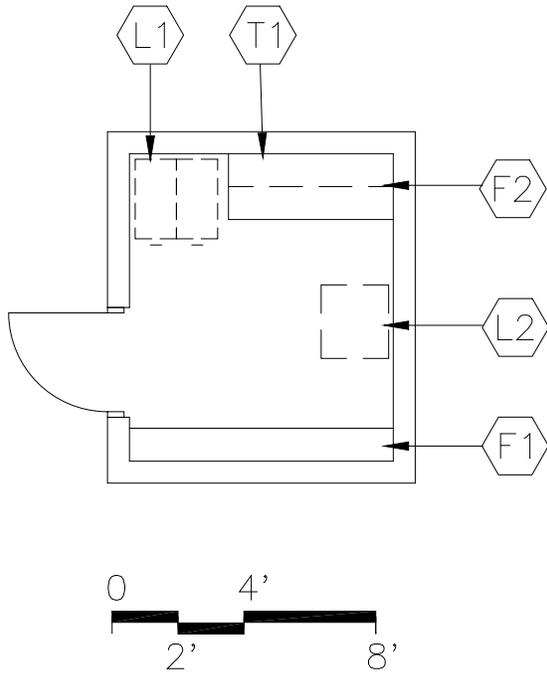
### SPATIAL RELATIONSHIPS:

- Near Waiting Area/Reception

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting, appropriate to task
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Adequate ventilation
- Electrical outlets for equipment
- Organize for efficient work flow and sufficient clearance for several people to work at one time

## ADMINISTRATIVE SUPPLY STORAGE



CAPACITY:  
N/A

SIZE:  
• Varies, see table

ANCILLARY SPACES:  
• Administrative Workroom (H-AD-8)

### GOAL:

- To provide adequate and secure storage for office supplies

### PROGRAM ACTIVITY:

- Storing of office supplies, forms, and files

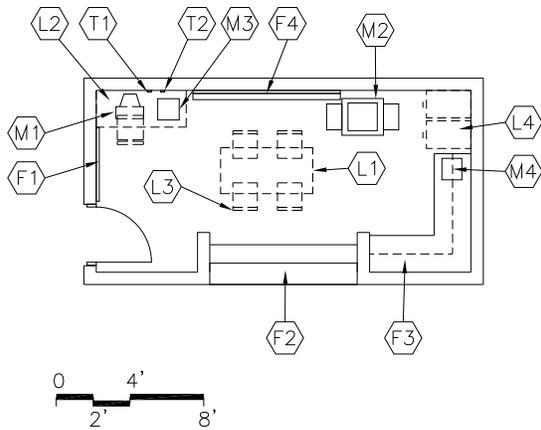
### SPATIAL RELATIONSHIPS:

- Adjacent and access to Administrative Workroom
- Located within Administrative Area

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Security of equipment and supplies

## MAILROOM



### CAPACITY:

- 2-3 Office Assistants

### SIZE:

- varies, see table

### ANCILLARY SPACES:

N/A

### GOAL:

- To provide adequate space and equipment for office work projects and an area to disseminate incoming mail to staff members

### PROGRAM ACTIVITIES:

- Copying
- Collating materials
- Storing of pertinent files
- General office work
- Delivery of general mail

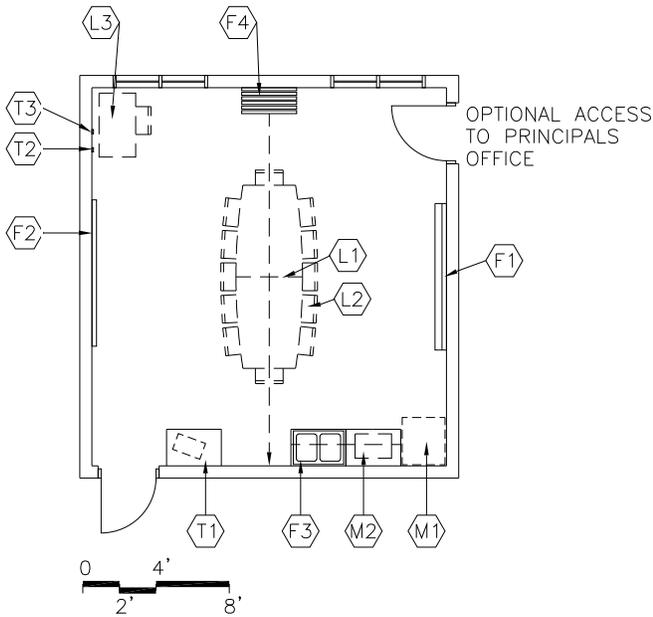
### SPATIAL RELATIONSHIP:

- Located within/adjacent to the Administrative Area

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Locate mail boxes so that boxes can be filled from inside the mailroom and can be emptied by staff without having to enter the workroom
- HVAC to accommodate heat load

## CONFERENCE ROOM



### CAPACITY:

- Administration
- Counselors
- School staff
- Parents
- Students
- Visitors
- up to 12 persons

### SIZE:

- Varies, see table

### ANCILLARY SPACES:

N/A

### GOAL:

- To provide an area adequate for small group conferences

### PROGRAM ACTIVITY:

- Small group meetings/conferences

### SPATIAL RELATIONSHIPS:

- Near Principal's Office

### ENVIRONMENTAL CONSIDERATIONS:

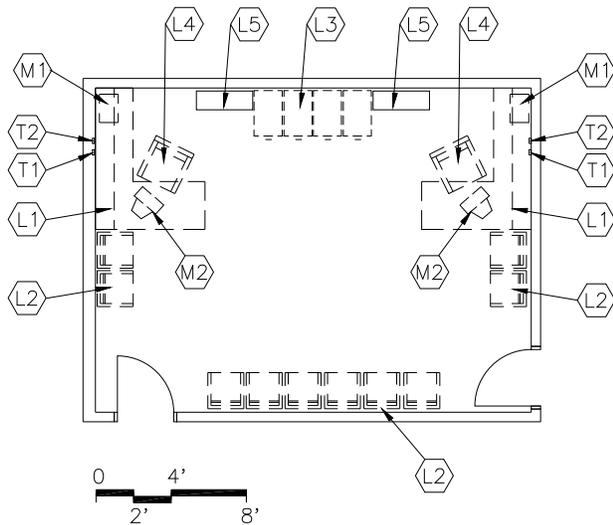
- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light
- Auditory privacy

### TECHNOLOGY

- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability
- Design for computer aided presentations (electrical outlets from table for projection device, screen along short wall, light darkening capability)



## ATTENDANCE/REGISTRAR OFFICE



### CAPACITY:

- 6 – 8 students and parents
- 2 attendance aides
- Clerical/attendance agent

### SIZE:

- Varies, see table

### ANCILLARY SPACES:

N/A

### GOAL:

- To serve as an area from which to track student attendance and to contact parents/guardians regarding their children's attendance patterns

### PROGRAM ACTIVITIES:

- Check-in and check-out for students entering and departing school
- Answering attendance question from students and parents
- Enhancing student attendance

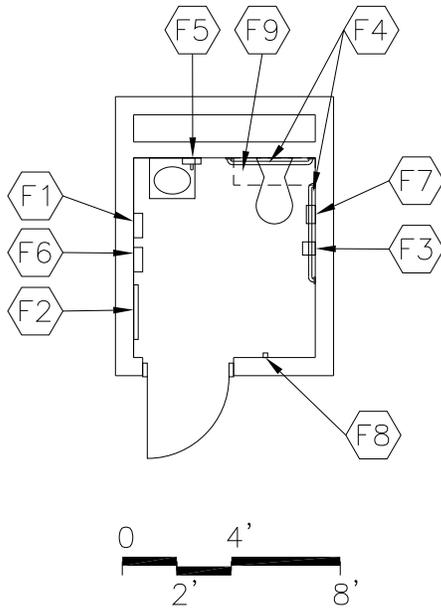
### SPATIAL RELATIONSHIPS:

- Readily accessible to public
- Entrance separate from Waiting Area/Reception
- Window into the corridor is desirable

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Easy access for students and parents
- Windows to provide natural light, desirable

## TOILET



### CAPACITY:

- Staff

### SIZE:

- 50 SF

### ANCILLARY SPACES:

N/A

### PROGRAM ACTIVITIES:

- Personal hygiene

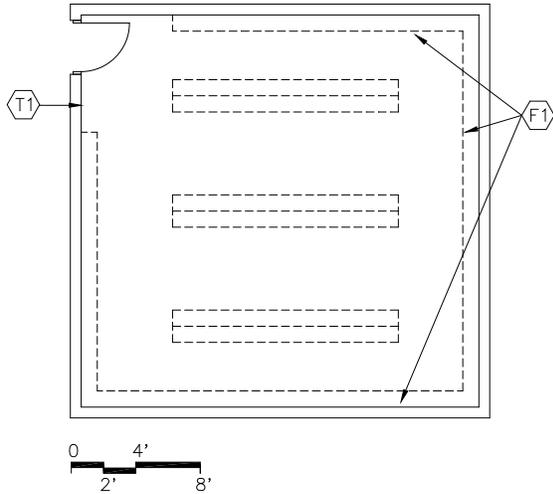
### SPATIAL RELATIONSHIPS:

- Near Staff Break Room

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Moisture- and stain-resistant finishes
- Adequate exhaust/ventilation

## SUPPLY (General) STORAGE



### CAPACITY:

- Staff

### SIZE:

- varies, see table

### ANCILLARY SPACES:

N/A

### GOAL:

- To provide secure storage for supplies

### PROGRAM ACTIVITY:

- Storage of office and teaching supplies and forms
- Inventory

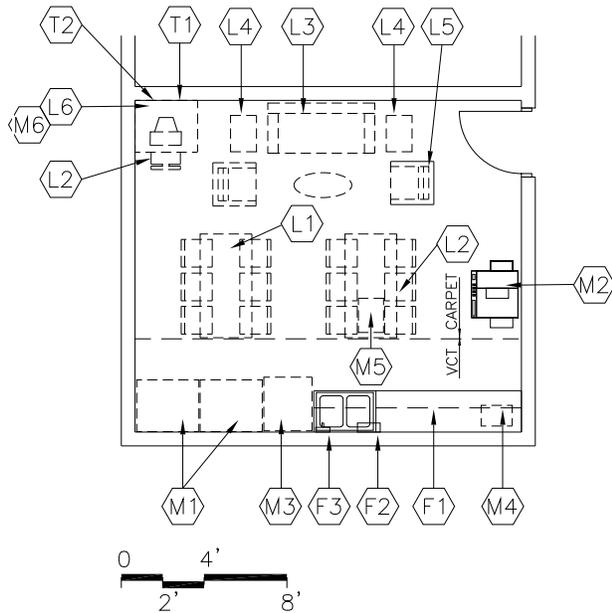
### SPATIAL RELATIONSHIPS:

- Near Administration

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Electrical outlets

## STAFF BREAK ROOM



### CAPACITY:

- 15 persons

### SIZE:

- Varies, see table

### ANCILLARY SPACES:

N/A

### GOAL:

- To provide as an area for staff to relax and prepare for classes

### PROGRAM ACTIVITY:

- Eating
- Using the telephone
- Planning lessons
- Relaxing
- Interacting with peers

### SPATIAL RELATIONSHIPS:

- Within Administration Area
- Access from corridor

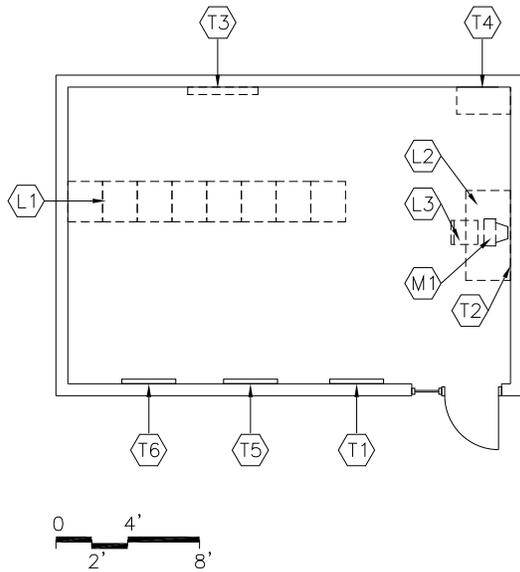
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light

### TECHNOLOGY AND BUILT-IN EQUIPMENT

See Teachers' work room

## TELECOM HEAD END ROOM



### CAPACITY:

- 1-2 staff members

### SIZE:

- Varies, see table

### ANCILLARY SPACES:

N/A

### GOALS:

- To provide a secure area to serve as the information hub of the school. File servers will serve the buildings computer network
- To provide satellite up and down links that will send and receive voice, video, and data. Fiber optic cable will serve the telephone, fax, and video of the school and other district buildings

### PROGRAM ACTIVITIES:

- Voice, video, data reception and distribution
- Security system location
- Network management
- Telephone wiring entry and distribution
- Cable and CATV reception and broadcasting

### SPATIAL RELATIONSHIPS:

- Near Media Center
- Located in administration area

### ENVIRONMENTAL CONSIDERATIONS:

- Adequate power supply will be required and auxiliary UPS power for back-up. (Quality of power is important.)
- Dedicated electrical circuitry
- Air conditioning dedicated to this space
- Adequate ventilation
- Security of door
- Access to ceiling and ceilings for modifications to systems and wiring

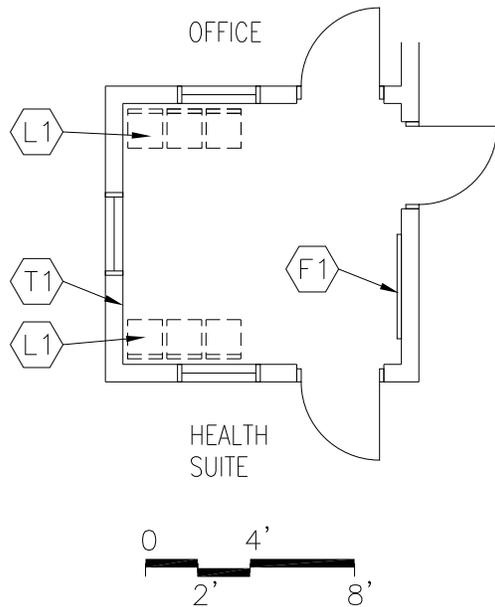
## Health Suite Space Requirements

| Space                               |      |        |              | Comments |
|-------------------------------------|------|--------|--------------|----------|
|                                     | Qty. | S.F.   | Total        |          |
| Health Suite                        |      |        | 0            |          |
| Waiting Area/Reception              | 1    | 150    | 150          | Shared   |
| Office                              | 1    | 125    | 125          |          |
| Treatment Area                      | 1    | 150    | 150          |          |
| Cots                                | 2    | 100    | 200          |          |
| Storage                             | 1    | 50     | 50           |          |
| Toilet                              | 1    | 64     | 64           |          |
| Health Clinic (School based clinic) |      |        | 0            |          |
| Medical provider offices            | 2    | 150    | 300          |          |
| Med assistant cubicle               | 1    | 100    | 100          |          |
| Exam Rms.                           | 3    | 80     | 240          |          |
| Lab                                 | 1    | 100    | 100          |          |
| Toilet                              | 1    | 64     | 64           |          |
| Storage                             | 2    | varies | 150          |          |
| Dental operator                     | 1    | 100    | 100          |          |
| Dental supplies                     | 1    | 50     | 50           |          |
| Break area alcove                   | 1    | 50     | 50           |          |
| <b>Total</b>                        |      |        | <b>1,893</b> |          |

The health suite should be designed so that all students enter the reception area. The school nurse and one of the medical provider offices should have visual control of this area. Students with appointments at the school clinic will check-in with the designated staff. All other 'drop-ins' will see the school nurse. These are two functions sharing a single access.

The reception should have a door to/near the outside to allow for after-hours use.

**WAITING AREA/RECEPTION**  
**Health Suite**



**CAPACITY:**

- Nurse
- Students
- Support Staff
- Facility
- Administration

**SIZE:**

- 150 SF

**ANCILLARY SPACES:**

- Office (H-AD-22)

Note: The students at Dunbar HS are currently served by a city health clinic. Additional discussions with this provider may require more or different spaces.

**GOAL:**

- To provide an area for students waiting to see the nurse or for parent pick-up

**PROGRAM ACTIVITIES:**

- Medical treatment
- Administering medication
- Resting

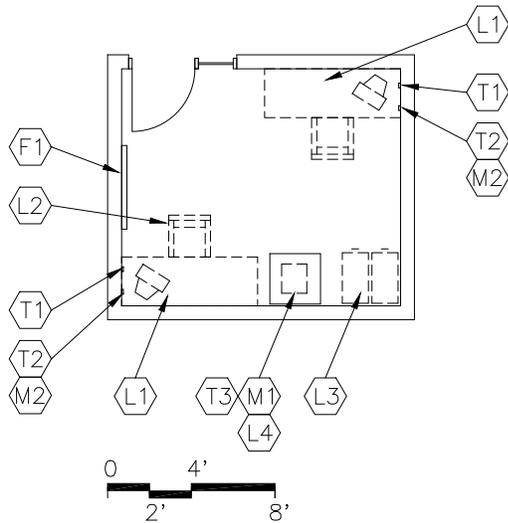
**SPATIAL RELATIONSHIPS:**

- First space one enters in Health Suite
- Near Administrative Area
- Adjacent and access to office

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
 Wall minimum: STC 45  
 Ceiling minimum: CAC 35
- Windows to provide natural light

**OFFICE**  
**Health Suite**



**CAPACITY:**

- Staff

**SIZE:**

- 125-150 SF

**ANCILLARY SPACES:**

- Waiting Area/Reception (H-AD-21)

**GOAL:**

- To provide an office for the staff to perform clerical functions

**PROGRAM ACTIVITIES:**

- Conferences with staff and other visitors
- Paperwork
- Computer input
- Telephone calls
- Planning

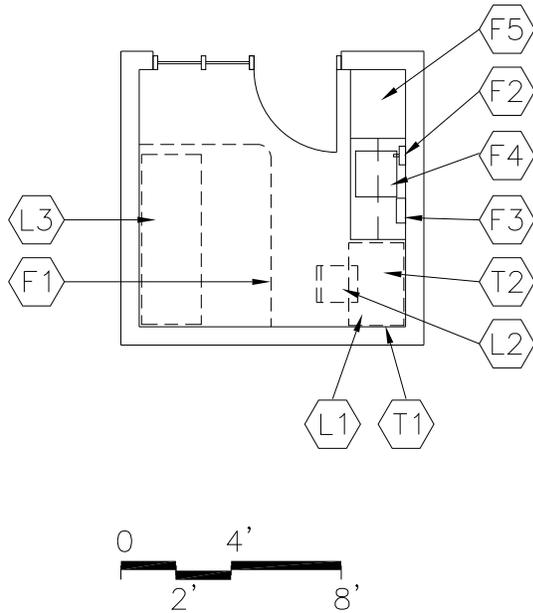
**SPATIAL RELATIONSHIPS:**

- Near Administration Area
- Adjacent and access to Waiting Area/Reception

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Auditory privacy

**TREATMENT AREA/Exam Rms  
Health Suite**



**CAPACITY:**

- 1 staff member/volunteer/nurse
- Students

**SIZE:**

- 80 SF

**ANCILLARY SPACES:**

N/A

**GOAL:**

- To provide school based health services

**PROGRAM ACTIVITIES:**

- First aid
- Consultation with students
- Health screening
- Administrative paperwork
- Medical treatments
- Medication administration
- Student resting while awaiting pick-up by parent or guardian

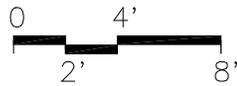
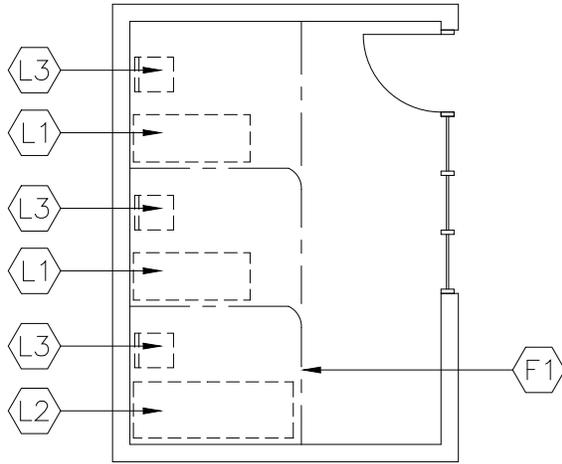
**SPATIAL RELATIONSHIPS:**

- Located within Health Suite
- Near Waiting Area
- Adjacent to Administrative Area
- Near corridor

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Stain-resistant floor covering
- Sink with hot and cold water
- Adequate ventilation
- Electrical outlets for equipment
- Locate away from Administrative Workroom.
- Visual access to Waiting Area/Reception
- Wheelchair area within space

**COTS  
Health Suite**



**CAPACITY:**

- Staff
- Students

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

N/A

**GOAL:**

- To provide a place for students and staff to lie down when feeling ill

**PROGRAM ACTIVITIES:**

- Resting

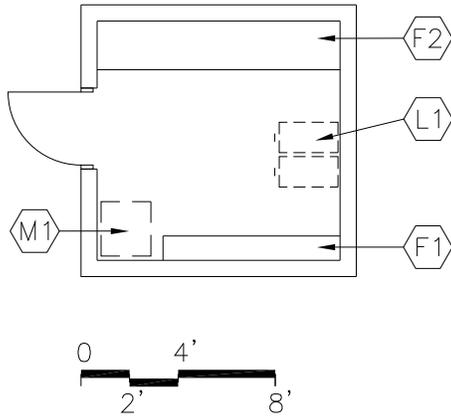
**SPATIAL RELATIONSHIPS:**

- Located within Health Suite

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Stain-resistant floor covering
- Adequate ventilation
- Audio and visual privacy
- Visual access to Waiting Area/Reception or Welcome Center

**STORAGE**  
**Health Suite**



**CAPACITY:**

- Nurse

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Treatment Area (H-AD-23)

**GOAL:**

- To provide storage for medical supplies and equipment

**PROGRAM ACTIVITIES:**

- Storage

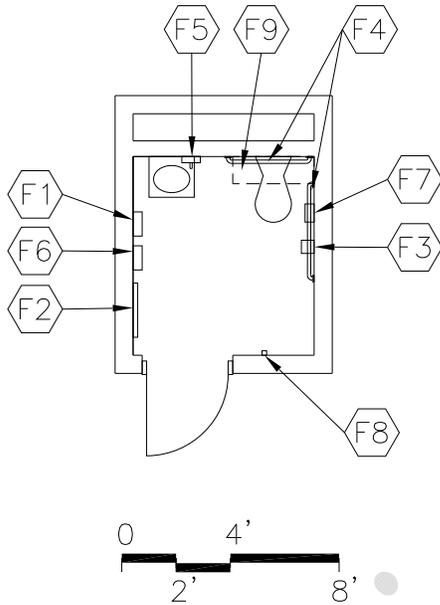
**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Treatment Area

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Security of equipment, supplies, and medicines

**TOILET**  
**Health Suite**



**CAPACITY:**

- Staff
- Students

**SIZE:**

- 50 SF

**ANCILLARY SPACES:**

N/A

**PROGRAM ACTIVITY:**

- Personal and health needs for the health suite
- Changing clothing

**SPATIAL RELATIONSHIPS:**

- Located within Health Suite

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Moisture- and stain-resistant finishes
- Adequate exhaust/ventilation

## Pathways Suites

### Career to College Readiness Center

| Space                   | Suggestions |      |              | Comments       |
|-------------------------|-------------|------|--------------|----------------|
|                         | Qty.        | S.F. | Total        |                |
| Reception and Work Area | 1           | 200  | 200          |                |
| Office                  | 1           | 200  | 200          |                |
| Offices                 | 3           | 120  | 360          | Guidance/DCCap |
| Career Center           | 1           | 820  | 820          |                |
| <b>Total</b>            |             |      | <b>1,580</b> |                |

### Climate for Learning Center

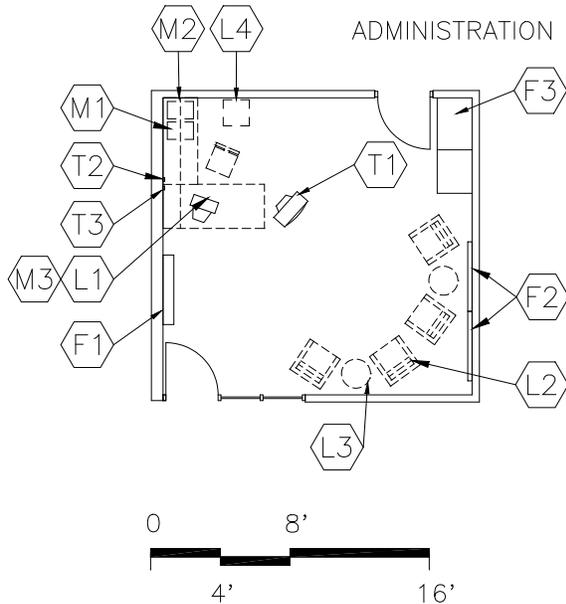
| Space        | Suggestions |      |              | Comments     |
|--------------|-------------|------|--------------|--------------|
|              | Qty.        | S.F. | Total        |              |
| Offices      | 3           | 120  | 360          | One per team |
| Teams        | 3           | 450  | 1350         |              |
| <b>Total</b> |             |      | <b>1,710</b> |              |

### Transformation Center

| Space         | Suggestions |      |            | Comments |
|---------------|-------------|------|------------|----------|
|               | Qty.        | S.F. | Total      |          |
| Office        | 1           | 150  | 150        |          |
| Conference Rm | 1           | 400  | 400        |          |
| <b>Total</b>  |             |      | <b>550</b> |          |

### Academic Pathways Center

| Space                       | Suggestions |      |              | Comments   |
|-----------------------------|-------------|------|--------------|--|
|                             | Qty.        | S.F. | Total        |  |
| Reception/workroom          | 1           | 250  | 250          | Teacher Resource Materials   |
| Executive Office/conference | 1           | 200  | 200          | Office large enough to also have a 6-8 person conference table                 |
| Offices                     | 3           | 120  | 360          |  |
| Conference Rm.              | 1           | 800  | 800          | 20-35 person conferencing ( in-person, tele, video, and virtual) dividing wall |
| Storage/vault               | 1           | 200  | 200          |  |
| <b>Total</b>                |             |      | <b>1,810</b> |  |



**GOAL:**

- To provide a comfortable waiting area for students and/or parents

**PROGRAM ACTIVITIES:**

- Reception and direction of students
- Reception and direction of parents
- Update student management records
- Collect and dispense student information, registration, report cards, and progress reports
- To receive and provide direction to students, parents, staff, and community

**SPATIAL RELATIONSHIPS:**

- Visual security for secretary when working on documents
- Near Academic Areas
- Provide secondary entrance from Administration Area
- Central location

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Visual access from Corridor

**CAPACITY:**

- 1 Secretary/Clerical
- 10-12 students, parents, visitors, and/or staff
- 1 student assistant

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

Adult bathrooms should be adjacent to work areas.

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.

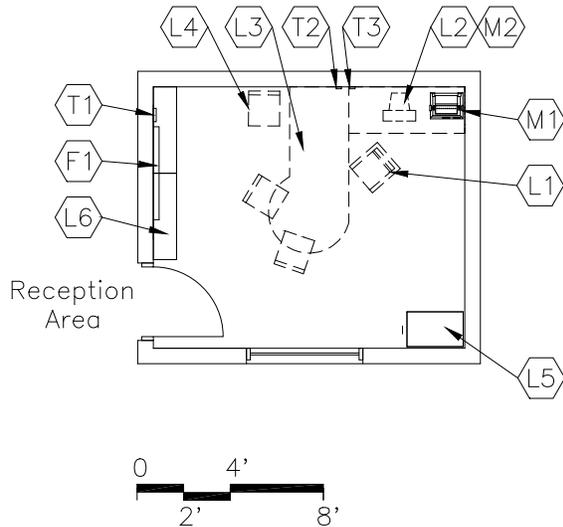
**RECEPTION / WORK AREA**

|                                | Spec.<br>Ref.#  | Features <sup>1</sup> :                | Spec.     |
|--------------------------------|-----------------|--|-----------|
| <u>Finishes<sup>1</sup>:</u>   |                 |  |           |
| <u>Flooring:</u>               |                 |  |           |
| Resilient tile flooring        | 096519          | Fixed Equipment:                       | <u>Rt</u> |
|                                |                 | F1 Display case                        | 123559    |
| <u>Base:</u>                   |                 | F2 Tack board (8 LF)                   | 101100    |
| Resilient                      | 096519          | F3 Casework:                           |           |
|                                |                 | Wardrobe/tall cabinets                 | 123200    |
| <u>Ceiling:</u>                |                 |  |           |
| Suspended, acoustical          | 095113          | <u>Fire Suppression:</u>               | Div. 21   |
|                                |                 | Fire suppression system                |           |
| <u>Walls:</u>                  |                 |  |           |
| Painted concrete masonry units | 042000 / 099123 | <u>Plumbing:</u>                       |           |
|                                |                 | N/A                                    |           |
| <u>Loose Furnishings:</u>      |                 |  |           |
| L1 Desk and chair              |                 | <u>HVAC:</u> Div. 23                   |           |
| L2 Visitor chairs              |                 | Supply/return air system               |           |
| L3 Small table                 |                 | Independent temperature control        |           |
| L4 Fireproof vault             |                 | <u>Electrical:</u> Div. 26             |           |
| Wastebasket                    |                 | Duplex receptacles                     |           |
|                                |                 | TVSS protected quad receptacles        |           |
|                                |                 | adjacent to each data and              |           |
|                                |                 | video port                             |           |
|                                |                 | Multilevel switching                   |           |
|                                |                 | Fluorescent lighting:                  |           |
|                                |                 | Illumination level: See Table 7600-16  |           |
|                                |                 | Clock                                  |           |
|                                |                 | Central sound system                   |           |
|                                |                 | <u>Communications<sup>2</sup>:</u>     | Div. 27   |
|                                |                 | T1 Video port, monitor, and            |           |
|                                |                 | brackets                               |           |
|                                |                 | T2 Voice port and phone                |           |
|                                |                 | T3 Data port at workstation            |           |
|                                |                 | <u>Electronic Safety and Security:</u> | Div. 28   |
|                                |                 | Life safety devices per code           |           |
|                                |                 | <u>Miscellaneous:</u>                  |           |
|                                |                 | M1 Fax                                 |           |
|                                |                 | M2 Printer                             |           |
|                                |                 | M3 Computer                            |           |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications — Technology, Section 1240.

## OFFICES



### CAPACITY:

- Supervising Staff

### SIZE:

150-200 SF

### GOAL:

- To provide a professional environment that is easily accessible to students, parents, staff, and community
- To have a private space for supervisory functions

### PROGRAM ACTIVITIES:

- Visit with parents, students, staff
- Administrative paper work

### SPATIAL RELATIONSHIPS:

- Within the Pathways suite
- Adjacent and access to Reception Area

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light, desirable
- Auditory privacy

### TECHNOLOGY

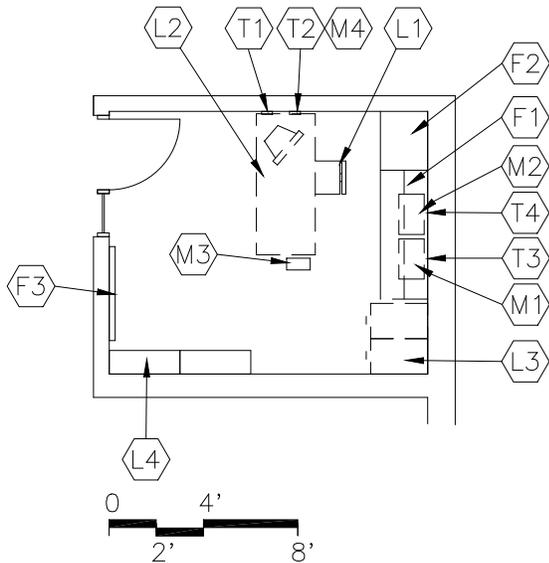
- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability

### Loose Furnishings:

- L1 Desk with conference table
- L2 2 guest chairs
- L3 Ergonomic task chair
- L4 Adjustable height bookshelves (12 LF)
- L5 1, 4-drawer locking file cabinet
- L6 Computer workstation  
Wastebasket

(larger offices may include a separate conference table)

## OFFICE (small)



### CAPACITY:

- Business Manager

### SIZE:

- 120 SF

### ANCILLARY SPACES:

- Waiting Area/Reception (H-AD-2)

### GOAL:

- To serve as an area from which the Business manager can effectively provide support

### PROGRAM ACTIVITIES:

- Financial accounting and bookkeeper functions
- General office work
- Answering telephone
- Data input and retrieval

### SPATIAL RELATIONSHIPS:

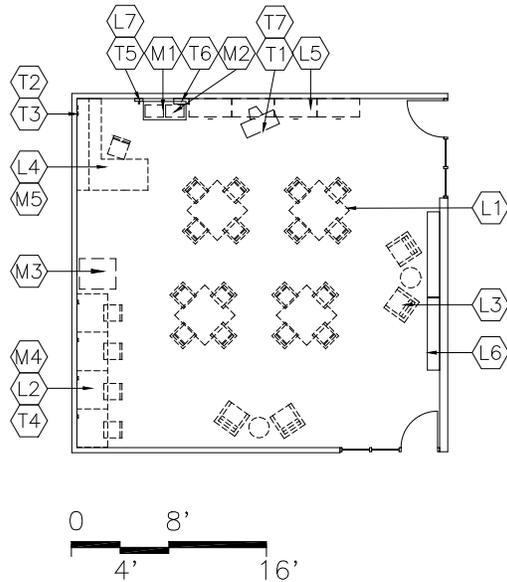
- Adjacent and access to Waiting Area/Reception
- Visual access to Waiting Area/Reception
- Adjacent to Principal's Office

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Auditory privacy

### Loose Furnishings:

- L1 Ergonomic task chair
- L2 Desk
- L3 2, four-drawer locking file cabinets
- L4 Adjustable height bookcases (24 LF)  
Wastebasket



**GOAL:**

- To provide a space for career counseling and exploration opportunities for students

**PROGRAM ACTIVITIES:**

- Research on colleges or careers
- Career exploration groups
- Group sessions with college representatives
- Career seminars
- Classroom visitations

**SPATIAL RELATIONSHIPS:**

- Adjacent to Student Support Service Offices
- Near Large Group Restrooms
- Within Guidance/Student Services Suite
- Access from Corridor

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Comfortable, quiet environment
- Visual access from Corridor and Guidance/Student Services Suite

**CAPACITY:**

- Guidance counselors
- Students
- Parents
- College representatives

**SIZE:**

- 820 SF

**ANCILLARY SPACES:**

N/A

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.

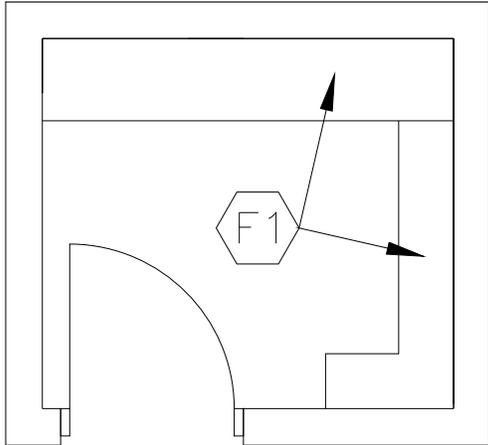
## CAREER CENTER

| <u>Finishes<sup>1</sup>:</u>             | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>   | <u>Spec. Ref.#</u> |
|--|--------------------|--|--------------------|
| Flooring:                                |                    | Fixed Equipment:   |                    |
| Resilient tile flooring                  | 096519             | N/A  |                    |
| Base:                                    |                    | <u>Fire Suppression:</u>   | Div. 21            |
| Resilient                                | 096519             | Fire suppression system  |                    |
| Ceiling:                                 |                    | <u>Plumbing:</u>   |                    |
| Suspended, acoustical                    | 095113             | N/A  |                    |
| Walls:                                   |                    | <u>HVAC:</u>   | Div. 23            |
| Painted concrete masonry units           | 042000 / 099123    | Supply/return air system   |                    |
|  |                    | Independent temperature control                                      |                    |
| <u>Loose Furnishings:</u>                |                    | <u>Electrical:</u>   | Div. 26            |
| L1 Work tables and chairs                |                    | Duplex receptacles   |                    |
| L2 Computer workstation furniture        |                    | TVSS protected quad receptacles adjacent to each data and video port |                    |
| L3 Lounge chairs                         |                    | Multilevel switching   |                    |
| L4 Desk and chair                        |                    | Fluorescent lighting:  |                    |
| L5 Lateral file cabinets                 |                    | Illumination level: See Table 7600-16                                |                    |
| L6 Adjustable height bookshelves (24 LF) |                    | Clock  |                    |
| L7 Printer table                         |                    | Central sound system   |                    |
| Wastebasket                              |                    |  |                    |
| <u>Miscellaneous:</u>                    |                    | <u>Communications<sup>2</sup>:</u>                                   | Div. 27            |
| M1 Fax                                   |                    | T1 Video port, monitor, VCR, and brackets                            |                    |
| M2 Printer                               |                    | T2 Voice port and phone  |                    |
| M3 TV/VCR on cart                        | Div. 27            | T3 Data port near aide workstation                                   |                    |
| M4 4 computers-students use              |                    | T4 Data port at each workstation                                     |                    |
| M5 1 computer-staff use                  |                    | T5 Fax port  |                    |
|  |                    | T6 Data port for printer   |                    |
|  |                    | T7 Cable/MATV port   |                    |
|  |                    | <u>Electronic Safety and Security:</u>                               | Div. 28            |
|  |                    | Life safety devices per code   |                    |

### NOTES:

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications — Technology, Section 1240.

## STORAGE



### CAPACITY:

- Staff

### SIZE:

- Varies, see table

### GOAL:

- To provide a place for storage of supplies and equipment for departments (English, math, social studies and world languages)

### PROGRAM ACTIVITIES:

- Storing equipment and supplies

### SPATIAL RELATIONSHIPS:

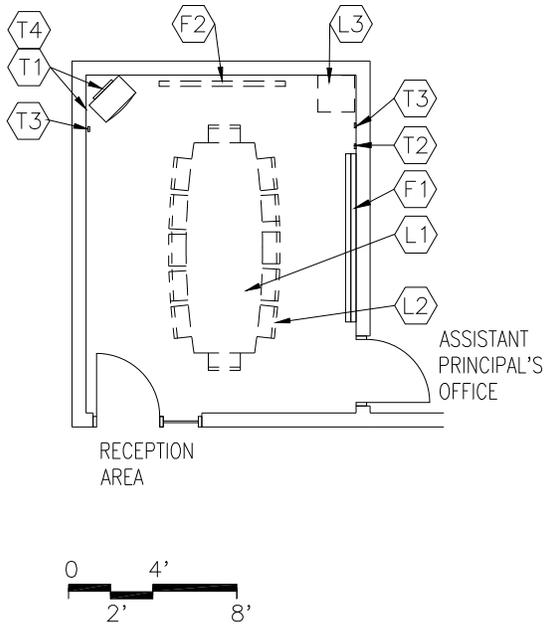
- Adjacent and access to Workroom

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate ventilation
- Security of equipment and supplies

Note: Some lockable storage should be located in the 10<sup>th</sup> grade academy for the mandatory test supplies. See staff for exact location and size.

## CONFERENCE ROOM



### CAPACITY:

- Staff
- Parents
- Students
- Visitors

### SIZE:

- Varies, see table

### Loose Furnishings:

- L1 Conference table
- L2 Chairs
- L3 Computer workstation furniture  
Adjustable height bookshelves  
Wastebasket

### GOAL:

- To provide a place for administrative conferences or meetings

### SPATIAL RELATIONSHIPS:

- Adjacent and access to Workroom

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Auditory privacy
- Windows to provide natural light, desirable
- Window treatment to darken room for AV presentation

### TECHNOLOGY

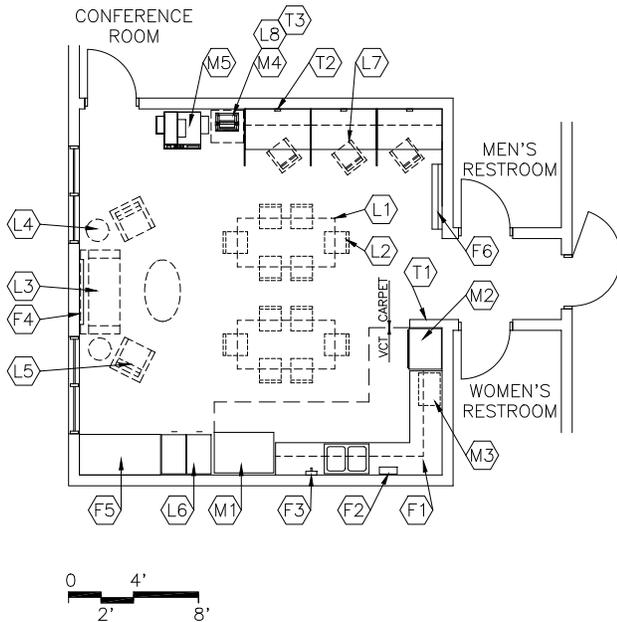
- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability
- Design for computer aided presentations (electrical outlets from table for projection device, screen along short wall, light darkening capability)

### Features<sup>1</sup>:

#### Fixed Equipment:

|                        | Spec.<br>Ref.# |
|------------------------|----------------|
| F1 Marker board (8 LF) | 101100         |
| F2 Tack board (8 LF)   | 101100         |
| F3 Casework:           |                |
| Base/wall cabinets     | 123200         |
| F4 Operable partition  | 102226         |

## WORKROOM



### CAPACITY:

- 5-12 Staff

### SIZE:

- 200-450 SQ FT

### GOAL:

- To provide space for staff to carry out their administrative duties, access the Internet, lock up personal items, and to socialize and relax.

Note: Networked printers will be located in the workrooms.

### Loose Furnishings:

- L1 Rectangular tables
- L2 Chairs
- L3 Some soft seating
- L4 End tables
- L6 4-drawer locking file cabinet
- L7 Workstations
- L8 Printer table  
Wastebasket

### PROGRAM ACTIVITIES:

- Store files
- Enter and access data
- Phone calls
- Eating lunch, socialize and relax

### SPATIAL RELATIONSHIPS:

- Located within Pathway suites
- Located near individual restrooms
- Adjacent and access to Conference Room
- Access from Corridor
- Interior area assumes four activities:
  - Relaxation (soft seating)
  - Individual prep (cubicles with computer support)
  - Tables for team meetings
  - Counter with sink and small refrigerator

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting with multilevel controls
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light (if feasible)

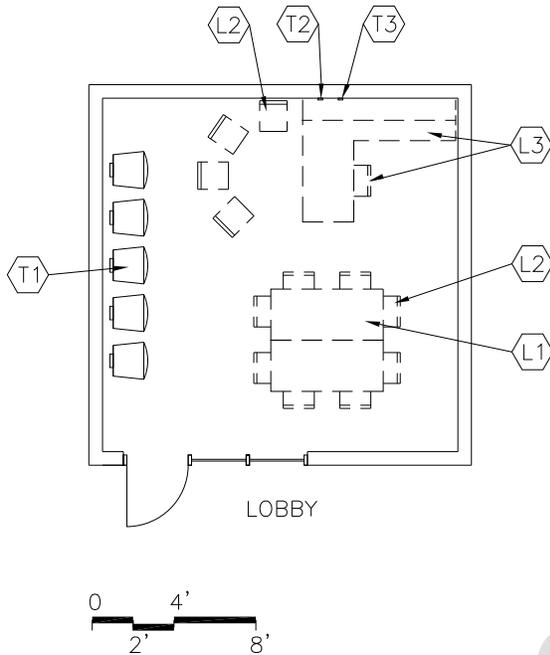
### TECHNOLOGY

- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability
- This room should support laptop computers

### BUILT-IN EQUIPMENT:

- Marker Boards (4 ft. X 4 ft.)
- A bulletin board (4 ft. X 4 ft.) should be provided if feasible.
- Sink, cabinets above and below, outlets along counter, refrigerator
- Counter top for sorting and cutting
- Clock

## SECURITY TEAM ROOMS



### CAPACITY:

- Up to 15 persons

### SIZE:

- Varies, see table

### ANCILLARY SPACES:

- Lobby (H-AD-1)

### GOAL:

- To serve as an area from which the school resource officers can perform their administrative and law enforcement functions

### PROGRAM ACTIVITIES:

- Complete reports
- Monitor surveillance equipment
- Perform counseling
- Meet with parents, staff, and other law enforcement
- Officials

### SPATIAL RELATIONSHIPS:

- Near administration offices
- Near entrance to main Corridor
- Adjacent and access to Lobby

### ENVIRONMENTAL CONSIDERATIONS:

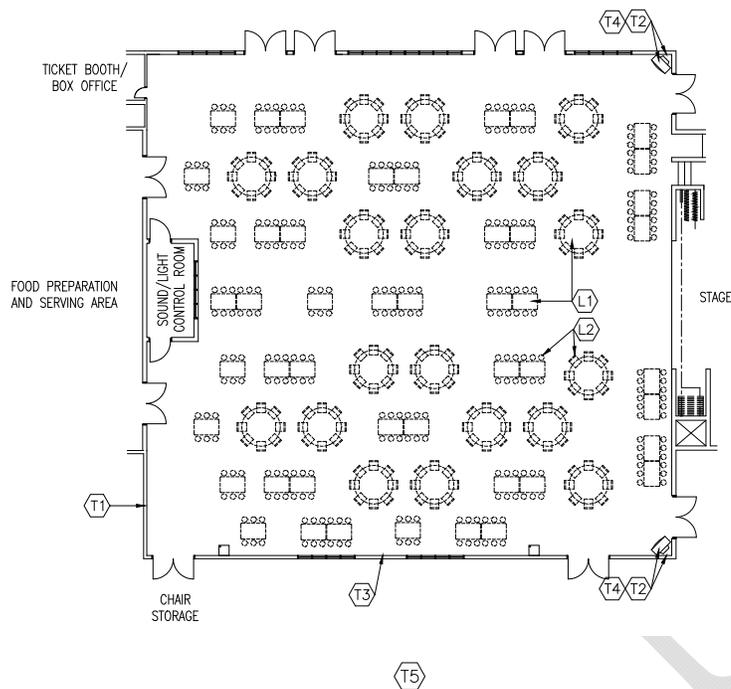
- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Auditory privacy
- Adequate ventilation
- Electrical outlets for equipment

### Student Dining & Food Service Space Requirements

| Space                                      |      |       |              | Comments    |
|--|------|-------|--------------|-------------|
|  | Qty. | S.F.  | Total        |             |
| Cafeteria/Commons                          | 1    | 4,500 | 4,500        | Or SF as is |
| Serving Area                               | 1    | 2,000 | 2,000        |             |
| Production Prep Area                       | 1    | 400   | 400          |             |
| Food Storage                               | 1    | 450   | 450          |             |
| Paper Products, Carts and Utensils Storage | 1    | 150   | 150          |             |
| Ware Washing                               | 1    | 250   | 250          |             |
| Freezer and Cooler                         | 1    | 1200  | 1200         |             |
| Toilet/Shower/Lockers                      | 1    | 150   | 150          |             |
| Cleaning Storage                           | 1    | 100   | 100          |             |
| Chair Storage                              | 1    | 450   | 450          |             |
| Office                                     | 1    | 100   | 100          |             |
| <b>Total</b>                               |      |       | <b>9,750</b> |             |

The dining area should include a combination of table seating, social gathering spots, and milling and may open onto the courtyard so that students can 'multi-task during the lunch hour.

Educational specification shows an abbreviated specification for the kitchen. The architect will work with the DCPS food services consultant to finalize design.



**CAPACITY:**

- Number of students per lunch to be 1/3 student population
- 30 staff members
- Community – primarily after school hours

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Kitchen (H-SD-2)

**GOALS:**

- To provide a pleasant atmosphere for students to eat meals
- To provide a flexible meeting space for groups if needed

**PROGRAM ACTIVITIES:**

- Student dining
- School and community programs, meetings, and activities

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Kitchen
- Centrally located to Administration, Gymnasium, Main Academic, and Media Center
- Near parking and main entry to building

**ENVIRONMENTAL CONSIDERATIONS:**

- Adjustable lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Cleanable building surfaces
- Electrical outlets for equipment
- Windows to provide ample natural light
- Good sight lines to all areas of the room for supervision
- Window treatment to darken room for AV presentations.

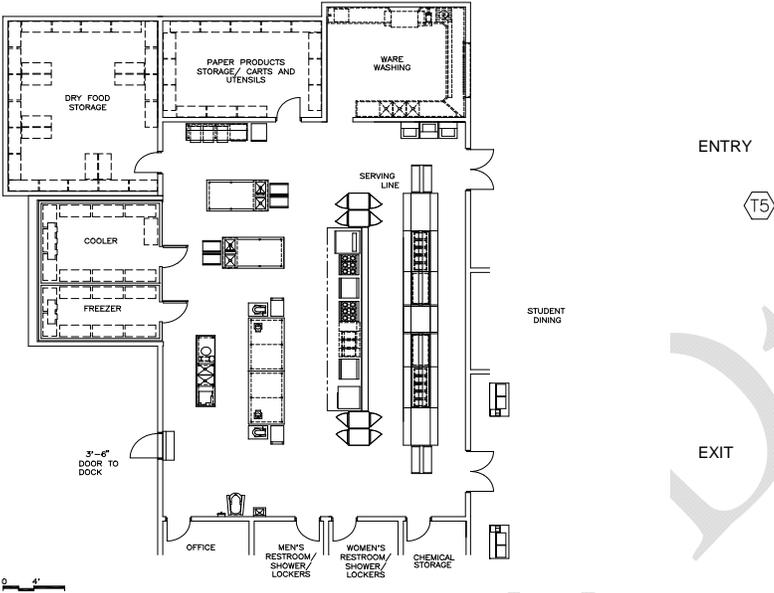
**CAFETERIA / COMMONS**  
**H-SD-1**

| <u>Finishes<sup>1</sup>:</u>                                | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>  | <u>Spec Ref.#</u> |
|---|--------------------|---|-------------------|
| Flooring:   |                    | Fixed Equipment:  |                   |
| Quartz tile   | 096618             | N/A   |                   |
| Base:   |                    | <u>Fire Suppression:</u>  | Div.21            |
| Resilient base  | 096519             | Fire suppression system   |                   |
| Porcelain tile base   | 093000             |   |                   |
| Quarry tile base  | 093000             | <u>Plumbing:</u>  | Div. 22           |
| Ceiling <sup>2</sup> :                                      |                    | Drinking fountains  |                   |
| Suspended, acoustical                                       | 095113             | Plumbing connections  |                   |
| Painted exposed structure                                   | 099123             | <u>HVAC:</u>  | Div. 23           |
| Walls:  |                    | Supply/return air system  |                   |
| Paint   | 099123             | Independent temperature control   |                   |
| Acoustical wall treatment<br>(varies with geometry of room) | 098400             | <u>Electrical:</u>  | Div. 26           |
| <u>Loose Furnishings:</u>                                   |                    | Multilevel switching  |                   |
| L1 Tables   |                    | Fluorescent lighting  |                   |
| L2 Chairs   |                    | Illumination levels: See table 7600-16                                  |                   |
| Waste receptacles with lids                                 |                    | Duplex receptacles along permanent<br>perimeter walls                   |                   |
| Recycling bins  |                    | TVSS protected quad receptacle<br>adjacent to each data and video ports |                   |
| <u>Miscellaneous:</u>                                       |                    | Central sound system  |                   |
| N/A   |                    | Student dining sound system   |                   |
|   |                    | Clocks  |                   |
|   |                    | <u>Communications<sup>3</sup>:</u>                                      | Div. 27           |
|   |                    | T1 1 voice port and phone   |                   |
|   |                    | T2 2 video ports, large screen<br>monitors, VCR,<br>and brackets        |                   |
|   |                    | T3 1 data port  |                   |
|   |                    | T4 2 cable/MATV ports   |                   |
|   |                    | T5 Microphone jacks   |                   |
|   |                    | <u>Electronic Safety and Security:</u>                                  | Div. 28           |
|   |                    | Life safety devices per code  |                   |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Other types of ceiling may be appropriate based on the actual facility design.
3. Refer to the Educational Specifications — Technology, Section 1240.

**KITCHEN**



**CAPACITY:**

- Students
- Staff
- Community, as needed

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Cafeteria/Commons (H-SD-1)

**GOAL:**

- To prepare and serve student meals

**PROGRAM ACTIVITIES:**

- Preparing and serving food to students and staff
- Storage

**SPATIAL RELATIONSHIPS:**

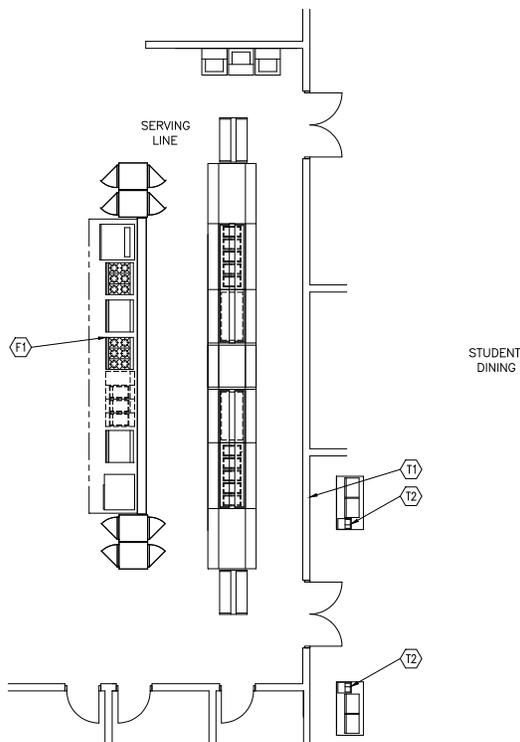
- Adjacent and access to Cafeteria/Commons
- Adjacent and access to Outdoor Loading Dock

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Adequate ventilation
- Cleanable building surfaces
- Food service department, public health, code requirements, as applicable
- Beginning of serving line should be located near entry door of Cafeteria/Commons
- Queuing for serving should not conflict with tray return to dishwashing area.

**KITCHEN  
H-SD-5**

| <u>Finishes<sup>1</sup>:</u>   | <u>Spec.<br/>Ref.#</u> | <u>Features<sup>1</sup>:</u>                                    | <u>Spec.<br/>Ref.#</u> |
|--|------------------------|---|------------------------|
| Flooring:  |                        | <u>Fire Suppression:</u>  | Div. 21                |
| Quarry tile  | 093000                 | Fire suppression system   |                        |
| Base:  |                        | <u>Plumbing:</u>  | Div. 22                |
| Quarry tile base   | 093000                 | Connections to food service equipment                           |                        |
| Ceiling:   |                        | Plumbing and gas connections                                    |                        |
| Cleanable, suspended, acoustical   | 095113                 | Hand washing lavatory   |                        |
| Walls:   |                        | Floor drains  |                        |
| Epoxy-painted concrete masonry units   | 042000 / 099123        | <u>HVAC:</u>  | Div. 23                |
| <u>Features</u> (Specifications from DCPS):  |                        | Supply/return air system  |                        |
| <u>Equipment:</u>  |                        | Independent temperature control                                 |                        |
| • Pot washing sinks  |                        | Kitchen canopy exhaust system                                   |                        |
| • Food Preparation Sinks   |                        | Air conditioning  |                        |
| • Hand Sinks   |                        | <u>Electrical:</u>  | Div. 26                |
| • Work Tables  |                        | Single-level switching  |                        |
| • Warming/Holding/Proofing Cabinets  |                        | Fluorescent lighting  |                        |
| • Refrigeration - Reach-ins  |                        | Illumination level: See Table 7600-16                           |                        |
| • Storage shelving   |                        | Central sound system  |                        |
| • Mop washing sink   |                        | Duplex receptacles along permanent perimeter walls              |                        |
| • Exhaust Hood Systems, including Fire Suppression   |                        | Electrical supply to support equipment specified                |                        |
| • Convection oven ,  |                        | Clock   |                        |
| • Convection steamer   |                        | Circuits for portable generator                                 |                        |
| • Range, with oven   |                        | TVSS protected quad receptacle adjacent to data and video ports |                        |
| • Tilt Skillet   |                        | <u>Communications<sup>2</sup>:</u>                              | Div. 27                |
| • Combination Steamer/Oven   |                        | T1 1 voice port and phone                                       |                        |
| • Pizza Oven, Deck oven or Conveyor Oven   |                        | T2 2 data ports at cash registers                               |                        |
| • Ware Washing Machine with appropriate accessories (tables, booster heater, disposer, etc.) |                        | <u>Electronic Safety and Security:</u>                          | Div. 28                |
|  |                        | Life safety devices per code                                    |                        |

**CAPACITY:**

- Students
- Staff
- Community

**SIZE:**

- 20% of serving area

**ANCILLARY SPACES:**

- Kitchen (H-SD-5)

**GOAL:**

- To provide space and equipment to serve student meals

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to the Kitchen
- Adjacent and access to the Cafeteria/ Commons

**DESIGN GUIDE**

- Four 'food court' serving lines
- All lines have drinks and misc items

**Sample Lines and equipment needs below:**

- Line 1 - Equipment consists of a Built-in Heated Shelf, Full Service Sneeze Guard with Overshelf, and Hanging Decorative Heat Lamps. Size of equipment and number of heat lamps are determined by space available. Substitution of Drop-In Heated Food Wells is available in place of the Built-in Heated Shelf. A Drop-In Self-Contained Refrigerated Cold Pan may also be included for side items.
- Line 2 Deli - Big Top Salad/Sandwich Refrigerators, Full Service Sneeze Guard with Overshelf, and Hanging Decorative Lights. Size of equipment and number of light fixtures are determined by space available. Substitution of Drop-In Self-Contained Refrigerated Cold Pans is available in place of the Salad/Sandwich Refrigerator. A Drop-In Self-Contained Refrigerated Cold Pan may also be included for side items.
- Line 3 Pizza - Built-in Heated Shelf, Self-Service Sneeze Guard with Overshelf, and Hanging Decorative Heat Lamps. Size of equipment and number of heat lamps are determined by space available. Substitution of drop-in heated wells is available in place of the heated shelf. A Drop-In Self-Contained Refrigerated Cold Pan may also be included for side items.
- Line 4 Two-Tier Merchandising Warmer. Size of equipment is determined by space available. Available with slant or horizontal shelves. Slant shelves are provided when back loading is available. Horizontal shelves are provided when units can only be loaded from the front. A Drop-In Self-Contained Refrigerated Cold Pan may also be included for side items

**NOTES:**

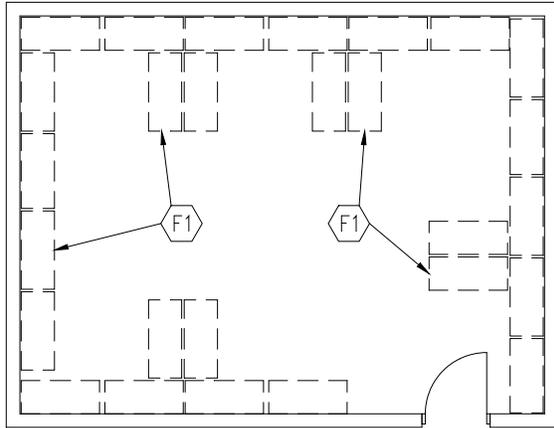
1. This is an example of a preparation area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.

**SERVING AREA****H-SD-5A**

| <u>Finishes<sup>1</sup>:</u>   | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>                                    | <u>Spec. Ref.#</u> |
|--|--------------------|---|--------------------|
| Flooring:  |                    | Fixed Equipment:  |                    |
| Quarry tile  | 093000             | F1 Food service equipment                                       | 114000             |
| Base:  |                    | <u>Fire Suppression:</u>  | Div. 21            |
| Quarry tile base   | 093000             | Fire suppression system   |                    |
| Ceiling:   |                    | <u>Plumbing:</u>  | Div. 22            |
| Cleanable, suspended, acoustical   | 095113             | Connections to food service equipment                           |                    |
| Walls:   |                    | Plumbing and gas connections                                    |                    |
| Epoxy-painted concrete masonry units   | 042000 / 099123    | Hand washing lavatory   |                    |
|  |                    | Floor drains  |                    |
| <u>Loose Furnishings:</u>  |                    | <u>HVAC:</u>  | Div. 23            |
| N/A  |                    | Supply/return air system  |                    |
|  |                    | Independent temperature control                                 |                    |
| <u>Miscellaneous:</u>  |                    | Kitchen canopy exhaust system                                   |                    |
| Cash registers   |                    | Air conditioning  |                    |
| Stools   |                    | <u>Electrical:</u>  | Div. 26            |
| ENVIRONMENTAL CONSIDERATIONS:  |                    | Single-level switching  |                    |
| • Uniform lighting   |                    | Fluorescent lighting  |                    |
| • Cleanable building surfaces  |                    | Illumination level: See Table 7600-16                           |                    |
| • Proper ventilation of space to remove cooking odors                          |                    | Central sound system  |                    |
| • Electrical/plumbing/mechanical connections for food service equipment        |                    | Duplex receptacles along permanent perimeter walls              |                    |
| • Staging for serving should not conflict with tray return to dishwashing area |                    | Electrical supply to support equipment specified                |                    |
|  |                    | Clock   |                    |
|  |                    | Circuits for portable generator                                 |                    |
|  |                    | TVSS protected quad receptacle adjacent to data and video ports |                    |
|  |                    | <u>Communications<sup>2</sup>:</u>                              | Div. 27            |
|  |                    | T1 1 voice port and phone                                       |                    |
|  |                    | T2 2 data ports at cash registers                               |                    |
|  |                    | <u>Electronic Safety and Security:</u>                          | Div. 28            |
|  |                    | Life safety devices per code                                    |                    |

**NOTES:**

4. Finishes/Features: Refer to Chapter 8 for specification references.
5. Refer to the Educational Specifications — Technology, Section 1240.



**GOAL:**

- To provide an area for food storage

**PROGRAM ACTIVITIES:**

- Storage

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Kitchen
- Near delivery entrance

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Adequate exhaust/ventilation
- Cleanable building surfaces



**CAPACITY:**  
N/A

**SIZE:**  
• Varies, see table

**ANCILLARY SPACES:**  
• Kitchen (H-SD-5)

**NOTES:**

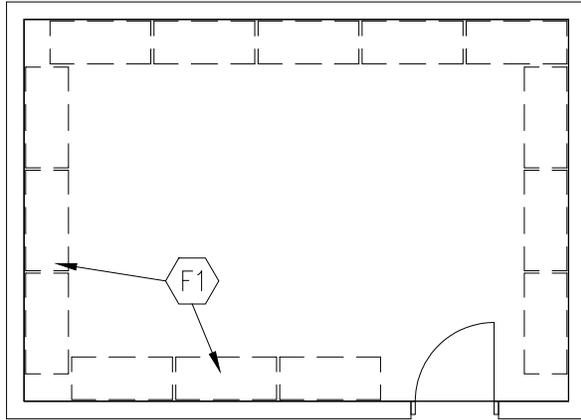
1. This is an example of a dry food storage area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.

**DRY FOOD STORAGE****H-SD-5B**

| <u>Finishes<sup>1</sup>:</u>         | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>                          | <u>Spec. Ref.#</u> |
|--------------------------------------|--------------------|---|--------------------|
| Flooring:                            |                    | Fixed Equipment:                                      |                    |
| Quarry tile                          | 093000             | F1 Rust-resistant 24" deep shelving and dunnage racks | 114000             |
| Base:                                |                    | <u>Fire Suppression:</u>                              | Div. 21            |
| Quarry tile base                     | 093000             | Fire suppression system                               |                    |
| Ceiling:                             |                    | <u>Plumbing:</u>                                      |                    |
| Cleanable, suspended, acoustical     | 095113             | N/A   |                    |
| Walls:                               |                    | <u>HVAC:</u>  | Div. 23            |
| Epoxy-painted concrete masonry units | 042000 / 099123    | Exhaust air system                                    |                    |
| <u>Loose Furnishings:</u>            |                    | Supply/return air system                              |                    |
| N/A                                  |                    | Independent temperature control                       |                    |
|                                      |                    | <u>Electrical:</u>                                    | Div. 26            |
|                                      |                    | Single level switching                                |                    |
|                                      |                    | Fluorescent lighting                                  |                    |
|                                      |                    | Illumination level: See Table 7600-16                 |                    |
|                                      |                    | Duplex receptacles                                    |                    |
|                                      |                    | <u>Communications:</u>                                |                    |
|                                      |                    | N/A   |                    |
|                                      |                    | <u>Electronic Safety and Security:</u>                | Div. 28            |
|                                      |                    | Life safety devices per code                          |                    |
|                                      |                    | <u>Miscellaneous:</u>                                 |                    |
|                                      |                    | N/A   |                    |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.



KITCHEN



**GOAL:**

- To provide storage for paper products used in preparing and serving meals

**PROGRAM ACTIVITIES:**

- Storage

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Kitchen
- Adjacent to Serving Area

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Adequate ventilation
- Cleanable building services

**CAPACITY:**

N/A

**SIZE:**

- varies, see table

**ANCILLARY SPACES:**

- Kitchen (H-SD-5)

**NOTES:**

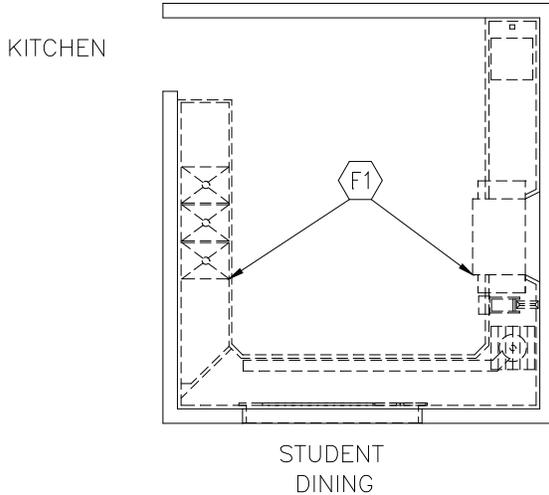
1. Loose furnishings and features shown represent one of many possible arrangements.

**PAPER PRODUCTS, CARTS, AND UTENSILS STORAGE****H-SD-5C**

| <u>Finishes<sup>1</sup>:</u>         | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>           | <u>Spec. Ref.#</u> |
|--------------------------------------|--------------------|--|--------------------|
| <u>Flooring:</u>                     |                    | <u>Fixed Equipment:</u>                |                    |
| Quarry tile                          | 093000             | F1 Rust-resistant shelving             | 114000             |
| Resilient tile flooring              | 096519             |  |                    |
| <u>Base:</u>                         |                    | <u>Fire Suppression:</u>               | Div. 21            |
| Quarry tile base                     | 093000             | Fire suppression system                |                    |
| Resilient base                       | 096519             |  |                    |
| <u>Ceiling:</u>                      |                    | <u>Plumbing:</u>                       |                    |
| Cleanable, suspended, acoustical     | 095113             | N/A                                    |                    |
| <u>Walls:</u>                        |                    | <u>HVAC:</u>                           | Div. 23            |
| Epoxy-painted concrete masonry units | 042000 / 099123    | Exhaust air system                     |                    |
|                                      |                    | Supply/return air system               |                    |
|                                      |                    | Independent temperature control        |                    |
| <u>Loose Furnishings:</u>            |                    | <u>Electrical:</u>                     | Div. 26            |
| N/A                                  |                    | Single level switching                 |                    |
|                                      |                    | Fluorescent lighting                   |                    |
|                                      |                    | Illumination level: See Table 7600-16  |                    |
|                                      |                    | Duplex receptacles                     |                    |
|                                      |                    | <u>Communications:</u>                 |                    |
|                                      |                    | N/A                                    |                    |
|                                      |                    | <u>Electronic Safety and Security:</u> |                    |
|                                      |                    | N/A                                    |                    |
|                                      |                    | <u>Miscellaneous:</u>                  |                    |
|                                      |                    | N/A                                    |                    |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.

**GOAL:**

- To clean dishes, trays, and cutlery

**PROGRAM ACTIVITIES:**

- Washing trays, dishes, and cutlery

**SPATIAL RELATIONSHIPS:**

- Adjacent to Student Dining with access through overhead coiling counter door (solid)
- Adjacent and access to Kitchen

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Proper ventilation of space to remove steam and condensation
- Cleanable building surfaces
- Lavatory in adjacent area

**CAPACITY:**

- Food Service Staff

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Student Dining (H-SD-1)
- Kitchen (H-SD-5)

**NOTES:**

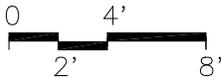
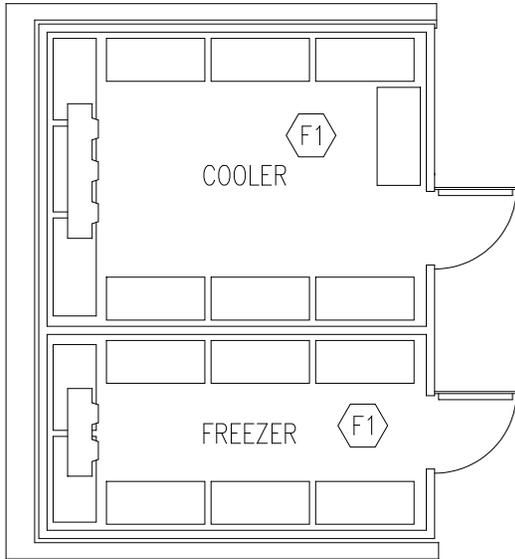
1. This is an example of a ware washing area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.

**WARE WASHING****H-SD-5D**

| <u>Finishes</u> <sup>1</sup> :   | Spec.<br>Ref.# | <u>Features</u> <sup>1</sup> :  | Spec.<br>Ref.# |
|--|----------------|---|----------------|
| <u>Flooring:</u><br>Quarry tile  | 093000         | <u>Fixed Equipment:</u><br>F1 Food service equipment<br>Dish machine [no pant leg hood]<br>Dish tables<br>Soap dispenser<br>Towel holder<br>Hand sink<br>Wash down station                                      | 114000         |
| <u>Base:</u><br>Quarry tile base   | 093000         |   |                |
| <u>Ceiling:</u><br>Cleanable, suspended, acoustical                      | 095113         |   |                |
| <u>Walls:</u><br>Epoxy-painted concrete masonry units<br>042000 / 099123 |                | <u>Fire Suppression:</u><br>Fire suppression system   | Div. 21        |
| <u>Loose Furnishings:</u><br>N/A   |                | <u>Plumbing:</u> Div. 22<br>Lavatory<br>Connections to food service<br>equipment<br>Floor drains  |                |
|  |                | <u>HVAC:</u> Div. 23<br>Supply/return air system<br>Independent temperature<br>control<br>Exhaust hood system   |                |
|  |                | <u>Electrical:</u> Div. 26<br>Single level switching<br>Fluorescent lighting<br>Illumination level: See Table 7600-16<br>Central sound system<br>Duplex receptacles<br>Connections to food service<br>equipment |                |
|  |                | <u>Communications:</u><br>N/A   |                |
|  |                | <u>Electronic Safety and Security:</u><br>Life safety devices per code  | Div. 28        |
|  |                | <u>Miscellaneous:</u><br>N/A  |                |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.

**CAPACITY:**

- Food service staff

**SIZE:**

- varies, see table

**ANCILLARY SPACES:**

- Kitchen (H-SD-2)

**GOAL:**

- To provide space for manufacturer freezer and refrigerator units to store food for short periods of time

**PROGRAM ACTIVITIES:**

- Refrigerated storage of perishable products

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Kitchen
- Near delivery entrance

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Ventilation for refrigeration machinery
- Cleanable building surfaces
- Floor to be flush with adjacent kitchen floor
- Electrical service for refrigeration equipment

**NOTES:**

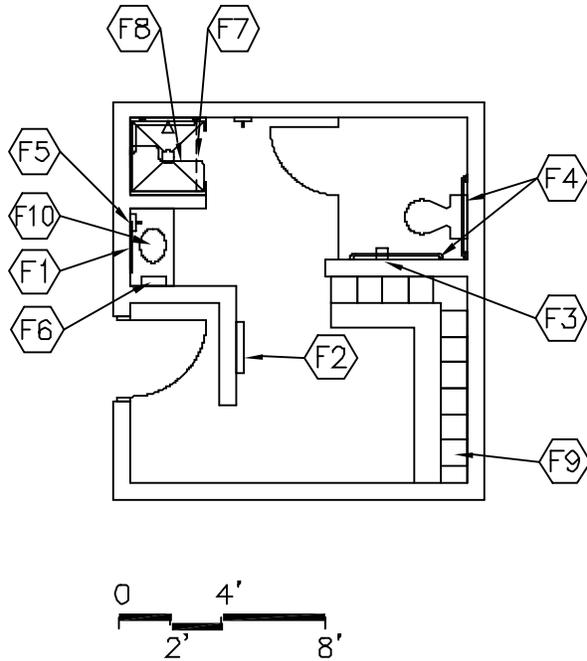
1. This is an example of a cooler/freezer. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.

**COOLER / FREEZER****H-SD-5E**

| <u>Finishes</u> <sup>1</sup> : | Spec.<br>Ref.# | <u>Features</u> <sup>1</sup> :  | Spec.<br>Ref.# |
|--------------------------------|----------------|---|----------------|
| Flooring:                      |                | Fixed Equipment:  |                |
| Quarry tile                    | 093000         | Rust-resistant shelving, 18" deep with<br>additional 24" deep dunnage racks<br>in freezer | 114000         |
| Base:                          |                |   |                |
| Manufactured insulated panel   | 114000         |   |                |
| Ceiling:                       |                | <u>Fire Suppression:</u>  | Div. 21        |
| Manufactured insulated panel   | 114000         | Fire suppression system   |                |
| Walls:                         |                | <u>Plumbing:</u>  |                |
| Manufactured insulated panel   | 114000         | N/A   |                |
| <u>Loose Furnishings:</u>      |                | <u>HVAC:</u>  | Div. 23        |
| N/A                            |                | Exhaust air system for compressors  |                |
|                                |                | <u>Electrical:</u>  | Div. 26        |
|                                |                | Single level switching  |                |
|                                |                | Incandescent lighting   |                |
|                                |                | Illumination level: See Table 7600-16   |                |
|                                |                | Electrical connections to freezer/cooler<br>refrigeration equipment                       |                |
|                                |                | <u>Communications:</u>  |                |
|                                |                | N/A   |                |
|                                |                | <u>Electronic Safety and Security:</u>  |                |
|                                |                | N/A   |                |
|                                |                | <u>Miscellaneous:</u>   |                |
|                                |                | N/A   |                |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.



**GOAL:**

- To provide a safe, clean, and private toilet and changing area for food service staff

**PROGRAM ACTIVITIES:**

- Changing clothes
- Personal hygiene
- Showering

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Kitchen and Serving Area
- Near Office
- Provide blind condition at entry

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 40  
Ceiling minimum: CAC 35
- Moisture and stain-resistant finishes
- Special consideration for wheelchair access and physical accessibility needs (ADA)
- Adequate exhaust and ventilation

**CAPACITY:**

- Food service staff

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Kitchen (H-SD-5)

**NOTES:**

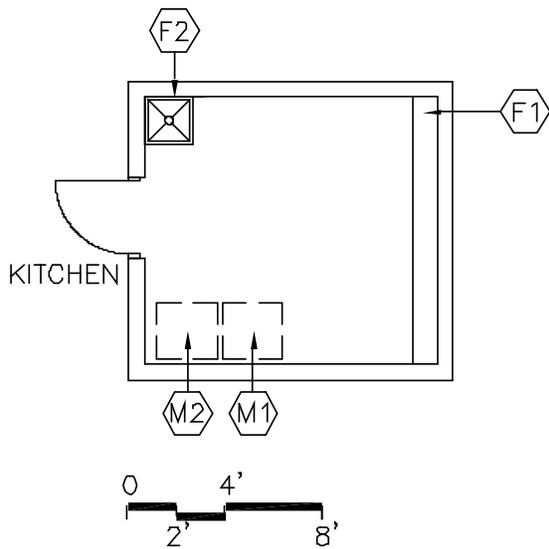
1. Loose furnishings and features shown represent one of many possible arrangements.
2. Shower shall be designed to accommodate conversion to an accessible shower, if necessary.

**RESTROOM / SHOWER / LOCKERS****H-SD- 6**

| <u>Finishes<sup>1</sup>:</u>     | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>             | <u>Spec. Ref.#</u> |
|----------------------------------|--------------------|--|--------------------|
| <u>Flooring:</u>                 |                    | <u>Fixed Equipment:</u>                  |                    |
| Ceramic tile                     | 093000             | F1 Casework:                             |                    |
|                                  |                    | Cabinet                                  | 123200             |
| <u>Base:</u>                     |                    | F2 24" x 60" mirror                      | 102800             |
| Ceramic mosaic tile base         | 093013             | F3 Toilet tissue holder                  | 102800             |
|                                  |                    | F4 36" and 42" grab bars                 | 102800             |
| <u>Ceiling:</u>                  |                    | F5 Soap dispenser                        | 102800             |
| Restroom: Suspended, acoustical  | 095113             | F6 Towel dispenser                       | 102800             |
| Shower: Painted portland         |                    | F7 Shower curtain and rod                | 102800             |
| Cement plaster                   | 092400 / 099123    | F8 ADA shower accessories/seat           | 102800             |
|                                  |                    | F9 Lockers                               | 105113             |
| <u>Walls:</u>                    |                    | F10 16" x 24" mirror                     | 102800             |
| Restroom: Epoxy painted concrete |                    |  |                    |
| masonry units                    | 099123             | <u>Fire Suppression:</u>                 | Div. 21            |
| Shower: Ceramic tile             | 093013             | Fire suppression system                  |                    |
| <u>Loose Furnishings:</u>        |                    | <u>Plumbing:</u> Div. 22                 |                    |
| Wastebasket                      |                    | Wall-mounted water closet                |                    |
|                                  |                    | Wall-mounted lavatory                    |                    |
|                                  |                    | Plumbing connections                     |                    |
|                                  |                    | ADA shower controls and head             |                    |
|                                  |                    | Floor drains - in locker area and shower |                    |
|                                  |                    | <u>HVAC:</u> Div. 23                     |                    |
|                                  |                    | Exhaust air system                       |                    |
|                                  |                    | Supplemental heat as required            |                    |
|                                  |                    | <u>Electrical:</u> Div. 26               |                    |
|                                  |                    | Duplex receptacles                       |                    |
|                                  |                    | Single-level switching                   |                    |
|                                  |                    | Fluorescent lighting                     |                    |
|                                  |                    | Illumination level: See Table 7600-16    |                    |
|                                  |                    | Central sound system                     |                    |
|                                  |                    | <u>Communications:</u>                   |                    |
|                                  |                    | N/A                                      |                    |
|                                  |                    | <u>Electronic Safety and Security:</u>   | Div. 28            |
|                                  |                    | Life safety devices per code             |                    |
|                                  |                    | <u>Miscellaneous:</u>                    |                    |
|                                  |                    | N/A                                      |                    |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.



**GOAL:**

- To store chemicals used in cleaning and maintaining kitchen

**PROGRAM ACTIVITY:**

- Lockable space to store chemicals and equipment used in cleaning and maintaining the kitchen

**SPATIAL RELATIONSHIP:**

- Adjacent and access to Kitchen

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Cleanable building surfaces
- Sensors for spilled chemicals
- Adequate exhaust/ventilation

**CAPACITY:**

- Food service personnel

**SIZE:**

- 150 SF

**ANCILLARY SPACES:**

- Kitchen (H-SD-5)

**NOTES:**

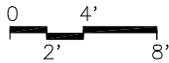
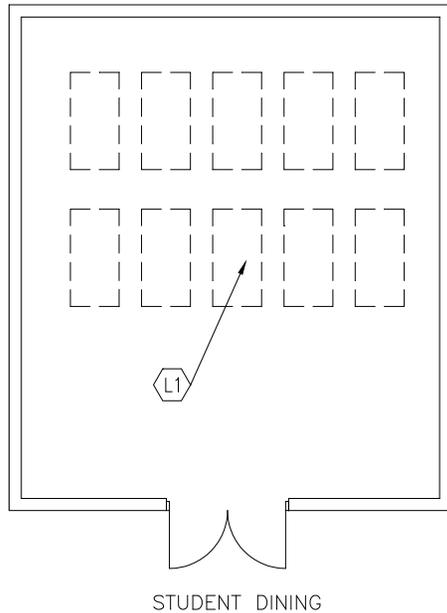
1. This is an example of a cleaning storage area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools' Food Service Department.
2. Loose furnishings and features shown represent one of many possible arrangements.

**CLEANING STORAGE****H-SD-7**

| <u>Finishes<sup>1</sup>:</u>                          | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>  | <u>Spec. Ref.#</u>   |
|---|--------------------|---|----------------------|
| <u>Flooring:</u><br>Resilient tile flooring           | 096519             | <u>Fixed Equipment:</u><br>F1 Rust-resistant shelving for chemicals<br>F2 Mop rack  | <br>114000<br>102800 |
| <u>Base:</u><br>Resilient base                        | 096519             |   |                      |
| <u>Ceiling:</u><br>Cleanable, suspended, acoustical   | 095113             | <u>Fire Suppression:</u><br>Fire suppression system   | <br>Div. 21          |
| <u>Walls:</u><br>Epoxy-painted concrete masonry units | 042000 / 099123    | <u>Plumbing:</u> Div. 22<br>Plumbing connections<br>Service sink<br>Washer<br>Floor drain   |                      |
| <u>Loose Furnishings:</u><br>N/A                      |                    | <u>HVAC:</u> Div. 23<br>Exhaust air system<br>Supply/return air system<br>Independent temperature control<br>Connections for washer and dryer                                   |                      |
|   |                    | <u>Electrical:</u> Div. 26<br>Duplex receptacles<br>Single-level switching<br>Fluorescent lighting<br>Illumination level: See Table 7600-16<br>Connections for washer and dryer |                      |
|   |                    | <u>Communications:</u><br>N/A   |                      |
|   |                    | <u>Electronic Safety and Security:</u><br>Life safety devices per code  | <br>Div. 28          |
|   |                    | <u>Miscellaneous:</u><br>M1 Washer<br>M2 Dryer  |                      |

**NOTES:**

2. Finishes/Features: Refer to Chapter 8 for specification references.



CAPACITY:  
N/A

SIZE:  

- Varies, see table

ANCILLARY SPACES:  

- Cafeteria/Commons (H-SD-1)

**GOAL:**

- To provide convenient storage for tables and chairs

**PROGRAM ACTIVITY:**

- Storage

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Cafeteria/Commons

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Cleanable building surfaces
- Accessibility for moving furniture in and out
- Lockable doors

**NOTES:**

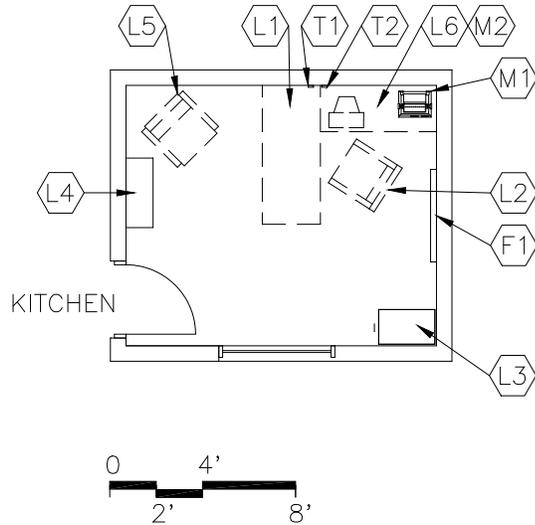
- Loose furnishings and features shown represent one of many possible arrangements.

**CHAIR / TABLE STORAGEH-SD-8**

| <u>Finishes</u> <sup>1</sup> :                                | Spec.<br>Ref.# | <u>Features</u> <sup>1</sup> :  | Spec.<br>Ref.# |
|---|----------------|---|----------------|
| Flooring:<br>Resilient tile flooring                          | 096519         | Fixed Equipment:<br>N/A   |                |
| Base:<br>Resilient base                                       | 096519         | <u>Fire Suppression:</u><br>Fire suppression system   | Div. 21        |
| Ceiling:<br>Suspended, acoustical                             | 095113         | <u>Plumbing:</u><br>N/A   |                |
| Walls:<br>Painted concrete masonry units<br>042000 / 099123   |                | <u>HVAC:</u> Div. 23<br>Supply/return air system  |                |
| <u>Loose Furnishings:</u><br>L1 Dollies for tables and chairs |                | <u>Electrical:</u> Div. 26<br>Duplex receptacles<br>Single-level switching<br>Fluorescent lighting<br>Illumination level: See Table 7600-16 |                |
|   |                | <u>Communications:</u><br>N/A   |                |
|   |                | <u>Electronic Safety and Security:</u><br>N/A   |                |
|   |                | <u>Miscellaneous:</u><br>N/A  |                |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.

**GOAL:**

- To provide an area to keep records and conduct business

**PROGRAM ACTIVITIES:**

- Scheduling
- Staff evaluations/discipline/meetings

**SPATIAL RELATIONSHIP:**

- Adjacent and access to Kitchen

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 40  
Ceiling minimum: CAC 35
- Electrical outlet on each wall for equipment
- Visual access to Kitchen and Serving Area

**CAPACITY:**

- Food service manager
- Food service staff

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Kitchen (H-SD-2)

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.

**OFFICE****H-SD-9**

| <u>Finishes<sup>1</sup>:</u>             | <u>Spec. Ref.#</u> | <u>Features<sup>1</sup>:</u>                         | <u>Spec. Ref.#</u> |
|--|--------------------|--|--------------------|
| Flooring:                                |                    | Fixed Equipment:                                     |                    |
| Resilient tile flooring                  | 096519             | F1 Tack board (4 LF)                                 | 101100             |
| Base:                                    |                    | <u>Fire Suppression:</u>                             | Div. 21            |
| Resilient base                           | 096519             | Fire suppression system                              |                    |
| Ceiling:                                 |                    | <u>Plumbing:</u>                                     |                    |
| Suspended, acoustical                    | 095113             | N/A  |                    |
| Walls:                                   |                    | <u>HVAC:</u>   | Div. 23            |
| Painted concrete masonry units           | 042000 / 099123    | Supply/return air system                             |                    |
|  |                    | Independent temperature control                      |                    |
| <u>Loose Furnishings:</u>                |                    | <u>Electrical:</u>                                   | Div. 26            |
| L1 Desk                                  |                    | Duplex receptacles                                   |                    |
| L2 Ergonomic task chair                  |                    | TVSS protected quad receptacle adjacent to data port |                    |
| L3 1, 4-drawer locking file cabinet      |                    | Single-level switching                               |                    |
| L4 Adjustable height bookshelves (12 LF) |                    | Fluorescent lighting                                 |                    |
| L5 Guest chair                           |                    | Illumination level: See Table 7600-16                |                    |
| L6 Computer workstation                  |                    | Clock  |                    |
| Wastebasket                              |                    | Central sound system                                 |                    |
|  |                    | <u>Communications<sup>2</sup>:</u>                   | Div. 27            |
|  |                    | T1 Voice port and phone                              |                    |
|  |                    | T2 Data port   |                    |
|  |                    | <u>Electronic Safety and Security:</u>               | Div. 28            |
|  |                    | Life safety devices per code                         |                    |
|  |                    | <u>Miscellaneous:</u>                                |                    |
|  |                    | M1 Printer   |                    |
|  |                    | M2 Computer  |                    |

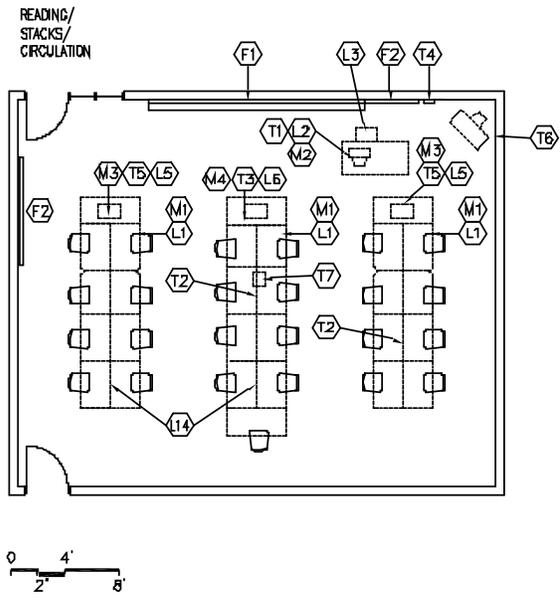
**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications – Technology, Section 1240.

### STAY Dedicated Space

| Space                               |      |       |              | Comments                    |
|-------------------------------------|------|-------|--------------|-----------------------------|
|                                     | Qty. | S.F.  | Total        |                             |
| Computer Lab                        | 1    | 900   | 900          |                             |
| Cosmetology/Barbering Lab/classroom | 1    | 2,900 | 2,900        |                             |
| Administration Suite                |      |       | 0            |                             |
| Reception                           | 1    | 250   | 250          |                             |
| Principal Office                    | 1    | 200   | 200          |                             |
| Business Manager                    | 1    | 150   | 150          |                             |
| Instructional Coach                 | 1    | 150   | 150          |                             |
| Registrar/Attendance                | 1    | 200   | 200          |                             |
| Student support suite               | 1    | 800   | 800          | Office/4 cubicles/reception |
| Conference room                     | 1    | 300   | 300          |                             |
| Teacher work room/lounge            | 1    | 400   | 400          |                             |
| Storage                             | 1    | 300   | 300          |                             |
| External Diploma Program            | 1    | 800   | 800          | Office/4 cubicles/reception |
| Maintenance Office/supplies         | 1    | 200   | 200          |                             |
| <b>Total</b>                        |      |       | <b>7,550</b> |                             |

Unisex Bathrooms



- CAPACITY:**
- 18 Students
  - Teacher

**GOAL:**

- To provide a shared computer resource area for the STAY program

**PROGRAM ACTIVITIES:**

- Student work area
- Instruction
- Interdisciplinary training area
- Research
- Centrally offer courses for schools that have a small enrollment in some classes (Distance Learning)

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Reading/Stacks/Circulation
- Near restrooms
- Easy access to all students for teaching

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting with an appropriate visual comfort level
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Adequate ventilation
- Electrical outlets for equipment

**NOTES:**

1. Loose furnishings and features represent one of many possible arrangements.

**COMPUTER RESOURCE AREA  
H-MC-2**

| <u>Finishes<sup>1</sup>:</u>   | <u>Spec.<br/>Ref.#</u> | <u>Features<sup>1</sup>:</u>  | <u>Spec.<br/>Ref.#</u> |
|--|------------------------|---|------------------------|
| Flooring:<br>Carpet     096816   |                        | Fixed Equipment:<br>F1     Marker board (16 LF)<br>F2     Tack board (16 LF)  | 101100<br>101100       |
| Base:<br>Resilient base  | 096519                 | <u>Fire Suppression:</u><br>Fire suppression system   | Div. 21                |
| Ceiling:<br>Suspended, acoustical  | 095113                 | <u>Plumbing:</u><br>N/A   |                        |
| Walls:<br>Painted concrete masonry units   | 04220 / 09910          | <u>HVAC:</u><br>Supply/return air system<br>Independent temperature controls  | Div. 23                |
| <u>Loose Furnishings:</u><br>L1    Computer workstation furniture - student use (20)<br>L2    Computer workstation furniture - teacher use<br>L3    Ergonomic task chair<br>L5    Printer table<br>Wastebasket |                        | <u>Electrical:</u><br>Duplex receptacles<br>TVSS protected quad receptacle adjacent to data and video ports<br>Multilevel switching<br>Fluorescent lighting with Parabolic lenses<br>Illumination level: See Table 7600-16<br>Means of egress lighting per code<br>Clock<br>Central sound system                                    | Div. 26                |
| <u>Miscellaneous:</u><br>M1    20 computers - student use<br>M2    Computer - teacher use<br>M3    1 printer   |                        | <u>Communications<sup>2</sup>:</u><br>T1    Data port near teacher workstation<br>T2    20 data ports (min.) - student use<br>T3    Data port for scanner<br>T4    Voice port and phone<br>T5    2 data ports for printers<br>T6    1 video port, monitor, VCR, and brackets<br>Cable/MATV port<br>T7    Ceiling mounted projection | Div. 27                |
|  |                        | <u>Electronic Safety and Security:</u><br>Life safety devices per code  | Div. 28                |

**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications - Technology, Section 1240.

**PROGRAM ACTIVITIES**

Cosmetology and Barbering

| Spaces                              | Description                  | Proposed         |               |
|-------------------------------------|------------------------------|------------------|---------------|
|                                     |                              | Sq. Ft. Per Unit | Sq. Ft. Total |
| <b><u>Cosmetology/Barbering</u></b> |                              |                  |               |
| 1                                   | Laboratory                   |                  | 1,800         |
| 1                                   | Reception Area               |                  | 100           |
| 2                                   | Product Storage              |                  | 200           |
| 1                                   | Washer/Dryer & Linen Storage |                  | 100           |
| 1                                   | Classroom                    |                  | 700           |
|                                     | <b>Total</b>                 |                  | <b>2,900</b>  |

**Laboratories**

| No. of Items | Contract Provided | FF&E | Description                    |
|--------------|-------------------|------|--------------------------------|
| 12           | X                 |      | Cosmetology/Barbering stations |
| 4            | X                 |      | Drying chairs                  |
| 4            | X                 |      | Shampoo stations w/ sinks      |
| 1            | X                 |      | Fire Extinguisher              |
| 1            | X                 |      | Fire Blanket                   |
| 1            | X                 |      | First aid kit, mounted         |
| 1            | X                 |      | Clock                          |

**Reception Area (serves both labs)**

| No. of Items | Contract Provided | (FF&E) | Description          |
|--------------|-------------------|--------|----------------------|
| 1            | X                 |        | Reception desk       |
| 1            |                   | X      | Computer and printer |
| 1            |                   | X      | Chair                |
| 2            |                   | X      | Chairs for clients   |
| 1            | X                 |        | Clock                |

**Related Classroom (See regular classrooms)**

Adjacent to cosmetology lab with internal window.

**Washer/Dryer & Linen Storage**

| No. of Items | Contract Provided | FF&E | Description                 |
|--------------|-------------------|------|-----------------------------|
| 1            | X                 |      | Washer, commercial, 50 lbs. |
| 1            | X                 |      | Dryer, commercial, 50 lbs.  |
|              | X                 |      | Shelving (open and closed)  |
|              |                   | X    | Towels, various sizes       |
|              |                   | X    | Sheets, various sizes       |

**Product Storage:** Provide metal adjustable shelving and along perimeter (12" depth) and interior (24" depth).

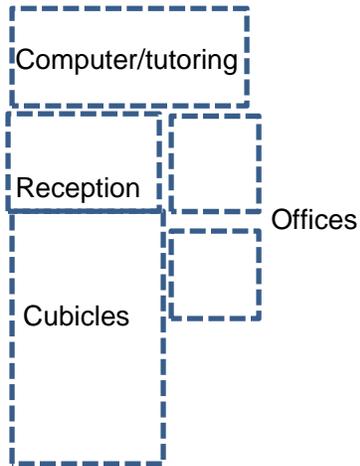
**Built-ins -**

**Reception Area:** Provide reception desk with adjustable shelving, lockable display case. Desk should have lockable drawers.

**Laboratories:** 1) Provide built-in cosmetology stations with cabinets, mirrors, electric and hole in counter for curling iron and dryer. 2) For hair washing sink area provide product storage on back of sinks and storage cabinets to hold towels on the sides. 3) Provide adequate electrical supply for drying area.

Provide ½ high wall lockers on the outside corridor for student's equipment, i.e. mannequin.

## EXTERNAL DIPLOMA SUITE



### GOAL:

- To provide counseling and other student support services in a professional environment to adults seeking a diploma or license based on experience

### PROGRAM ACTIVITIES:

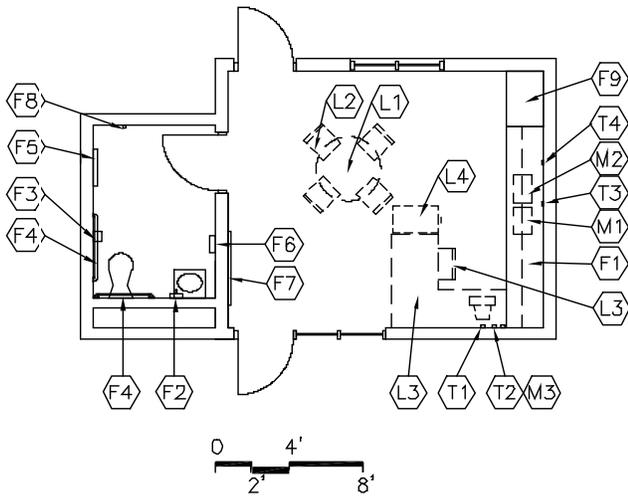
- Counseling
- Administrative paper work
- Enrollment and orientation of new students

### Computer/Tutoring Area

Adjacent to reception area (no door)  
3 computer stations with chairs  
1 printer  
Round table w/ 4 chairs

### Cubicle Office areas

6' cubicle walls  
Each cubicle 48-64 SF with space for computer, pedestal drawers, a vertical file and room for overhead storage. There is space for a guest chair.



**CAPACITY:**

- Principal
- Small groups (6-10 people)

**SIZE:**

- 230 SF

**ANCILLARY SPACES:**

- Administrative Assistant's Office (H-AD-5)

**GOAL:**

- To serve as the home base for the principal from which he/she can provide instructional leadership in a personal, flexible, and organized environment for students, staff, and community

**PROGRAM ACTIVITIES:**

- Conferences with staff and other visitors
- Telephone calls
- Administrative paperwork
- Planning
- Computer input
- Interaction with students

**SPATIAL RELATIONSHIPS:**

- Adjacent to Administrative Assistant's Office
- Near one Assistant Principal's Office
- Near Storage
- Near Conference Room

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light
- Private restroom
- Adequate exhaust (restroom)
- Auditory privacy

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.

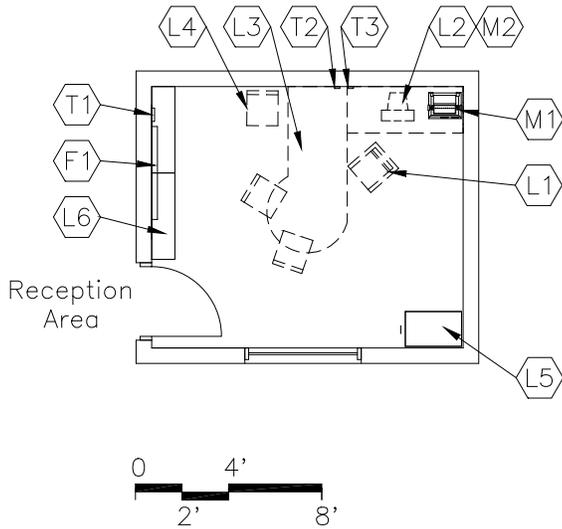
**STAY PRINCIPAL'S OFFICE  
H-AD-3**

| <u>Finishes<sup>1</sup>:</u>           | Spec.<br><u>Ref.#</u> | <u>Features<sup>1</sup>:</u>          | Spec.<br><u>Ref.#</u> |
|--|-----------------------|---------------------------------------|-----------------------|
| Flooring:                              |                       | Fixed Equipment:                      |                       |
| Carpet                                 | 096816                | F1 Casework:                          | 123200                |
| Office restroom:                       |                       | Base/wall cabinets and shelving       |                       |
| Vinyl composition tile                 | 096519                | F2 Soap dispenser                     | 102800                |
| Base:                                  |                       | F3 Toilet tissue holder               | 102800                |
| Resilient base                         | 096519                | F4 36" and 42" grab bars              | 102800                |
| Ceiling: (8' high minimum)             |                       | F5 24" x 60" mirror                   | 102800                |
| Suspended, acoustical                  | 095113                | F6 Towel dispenser                    | 102800                |
| Walls:                                 |                       | F7 Tack board (4 LF)                  | 101100                |
| Painted gypsum wallboard               |                       | F8 Coat hook                          | 102800                |
| over metal studs                       | 092116 / 099123       | F9 Casework:                          |                       |
|  |                       | Wardrobe                              | 123200                |
| <u>Loose Furnishings:</u>              |                       | <u>Fire Suppression:</u>              | Div. 21               |
| L1 Conference table                    |                       | Fire suppression system               |                       |
| L2 4 side chairs                       |                       | <u>Plumbing:</u>                      | Div. 22               |
| L3 Desk and chair                      |                       | Wall-mounted water closet             |                       |
| L4 Four-drawer locking file cabinet    |                       | Wall-mounted lavatory                 |                       |
| Wastebasket                            |                       | Plumbing connections                  |                       |
|  |                       | Floor drain - in restroom             |                       |
| <u>Miscellaneous:</u>                  |                       | <u>HVAC:</u>                          | Div. 23               |
| M1 Fax                                 |                       | Supply/return air system              |                       |
| M2 Printer                             |                       | Independent temperature control       |                       |
| M3 Computer                            |                       | Exhaust air system                    |                       |
| <u>Communications<sup>2</sup>:</u>     | Div. 27               | <u>Electrical:</u>                    | Div. 26               |
| T1 Voice port and phone                |                       | Duplex receptacles                    |                       |
| T2 Data port near workstation          |                       | TVSS protected quad receptacle        |                       |
| T3 Fax port                            |                       | adjacent to each data port            |                       |
| T4 Data port for printer               |                       | Single-level switching                |                       |
| <u>Electronic Safety and Security:</u> | Div. 28               | Fluorescent lighting                  |                       |
| Life safety devices per code           |                       | Illumination level: See Table 7600-16 |                       |
|  |                       | Clock                                 |                       |
|  |                       | Central sound system                  |                       |

**NOTES:**

3. Finishes/Features: Refer to Chapter 8 for specification references.
4. Refer to the Educational Specifications — Technology, Section 1240.

## BUSINESS MANAGER OFFICE



### CAPACITY:

- Business Manager

### SIZE:

- 150 SF

### ANCILLARY SPACES:

- Waiting Area/Reception (H-AD-2)

### GOAL:

- To serve as an area from which the Business manager can effectively provide support
- Vault

### PROGRAM ACTIVITIES:

- Financial accounting and bookkeeper functions
- General office work
- Answering telephone
- Data input and retrieval

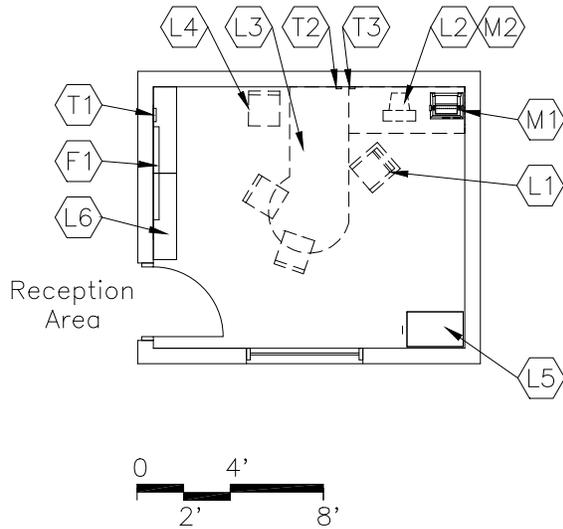
### SPATIAL RELATIONSHIPS:

- Adjacent and access to Waiting Area/Reception
- Visual access to Waiting Area/Reception
- Adjacent to Principal's Office

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Auditory privacy

## ALL OTHER OFFICES



### SIZE:

- 100-150 SF

### GOAL:

- To provide counseling and other student support services in a professional environment that is easily accessible to students, parents, staff, and community

### PROGRAM ACTIVITIES:

- Counseling for parents, students
- Administrative paper work
- Enrollment and orientation of new students
- Office space for itinerant staff

### SPATIAL RELATIONSHIPS:

- Within the Academic Core Area Services Suite
- Adjacent and access to Reception Area

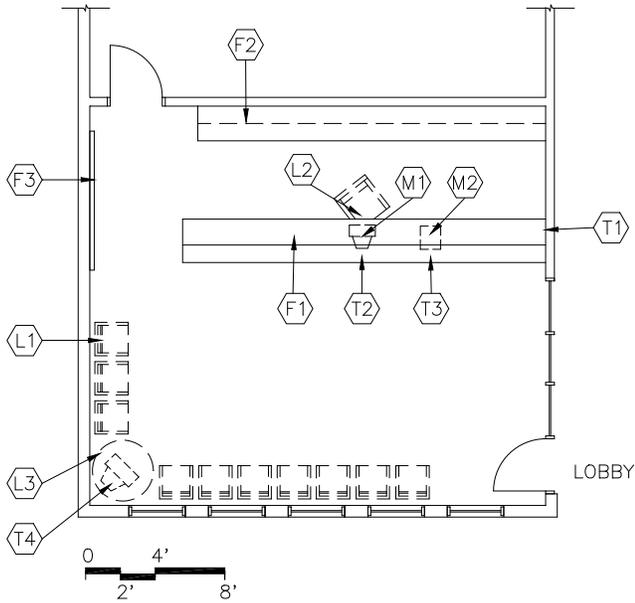
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light, desirable
- Auditory privacy

### TECHNOLOGY

- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability

## STAY RECEPTION



### CAPACITY:

- General public
- Staff
- Students

### ANCILLARY SPACES:

- Stay Lobby

### GOAL:

- To provide a welcoming atmosphere and to serve as an information area for those coming into the school

### PROGRAM ACTIVITIES:

- Greeting people and directing them to the proper location or person
- Waiting area for visitors and staff members

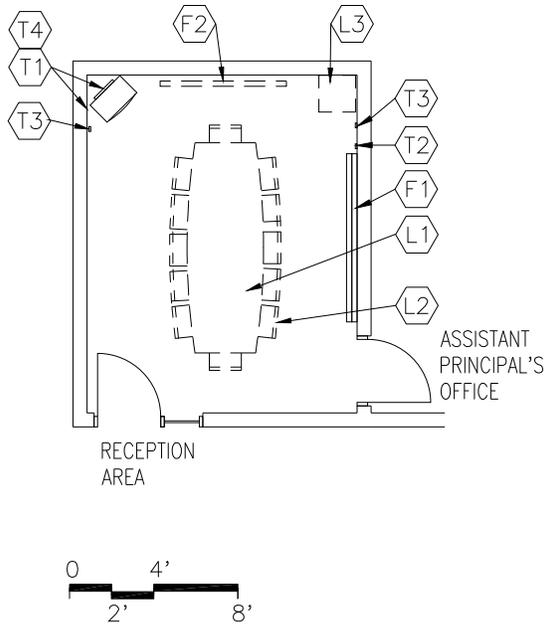
### SPATIAL RELATIONSHIPS:

- Adjacent to STAY entrance
- Easy to locate and identify
- Maximize view to lobby and entry

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting, areas of soft lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Inviting to visitors
- Electrical outlets for equipment
- Windows to provide natural light (if feasible)

## CONFERENCE ROOM



### CAPACITY:

- Staff
- Parents
- Students
- Visitors

### SIZE:

- Varies, see table

### ANCILLARY SPACES:

- Reception Area
- Assistant Principal/ Department Head's Office

### GOAL:

- To provide a place for administrative conferences or meetings

### PROGRAM ACTIVITIES:

- Conferencing with staff, students, parents, and visitors

### SPATIAL RELATIONSHIPS:

- Adjacent and access to Reception Area
- Adjacent and access to Assistant Principal/ Department Head's Office

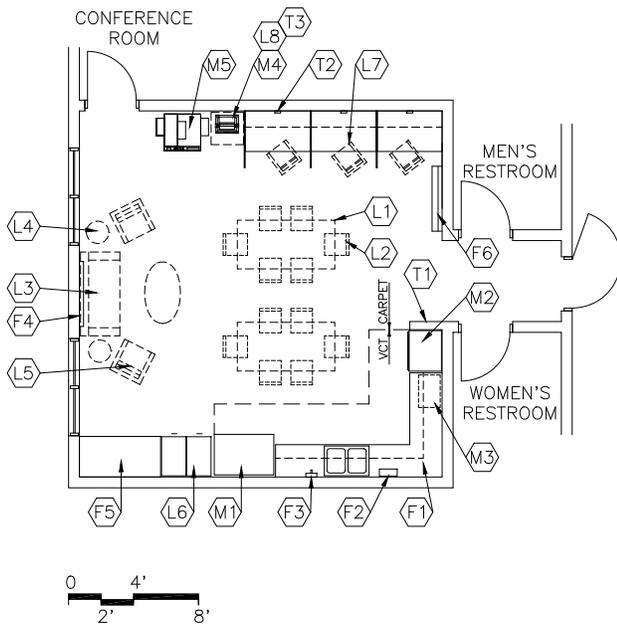
### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Auditory privacy
- Windows to provide natural light, desirable
- Window treatment to darken room for AV presentation

### TECHNOLOGY

- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability
- Design for computer aided presentations (electrical outlets from table for projection device, screen along short wall, light darkening capability)

## TEACHERS' WORKROOM



### CAPACITY:

- 16 teachers

### ANCILLARY SPACES:

- Teacher's Conference Room

### GOAL:

- To provide space for teachers to carry out their administrative duties, prepare materials for class, access the Internet, lock up personal items, and to socialize and relax.

### PROGRAM ACTIVITIES:

- Store files
- Grade papers
- Enter and access data
- Prepare lessons using computer, video, and other resources.
- Phone calls
- Eating lunch, socialize and relax

### SPATIAL RELATIONSHIPS:

- Located within Core Academic Areas
- Located near individual restrooms
- Adjacent and access to Conference Room
- Access from Corridor
- Interior area assumes four activities:
  - Relaxation (soft seating)
  - Individual prep (cubicles with computer support)
  - Tables for team meetings
  - Counter with sink and small refrigerator

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting with multilevel controls
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light (if feasible)

### TECHNOLOGY

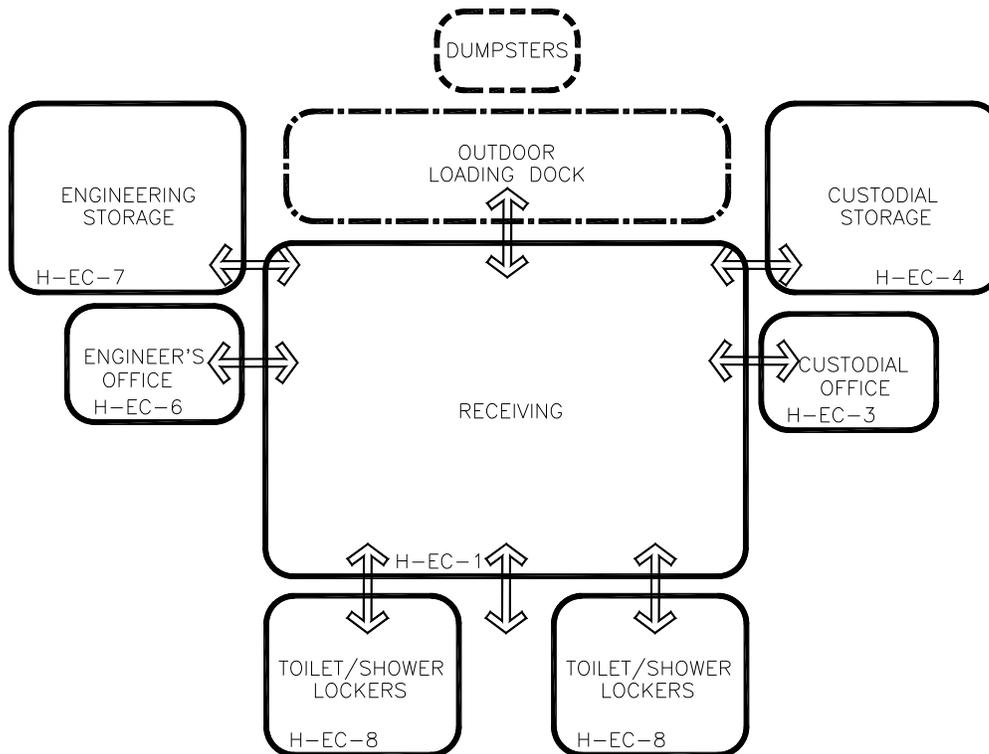
- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability
- This room should support laptop computers

### BUILT-IN EQUIPMENT:

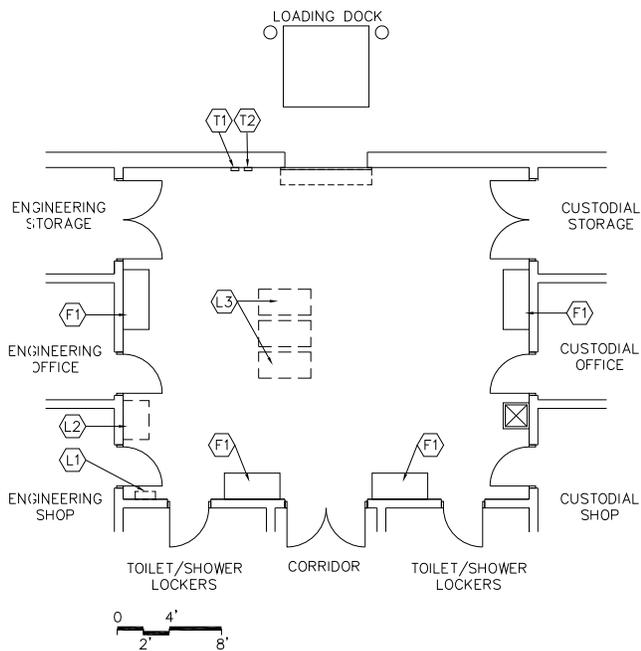
- Marker Boards (4 ft. X 4 ft.)
- A bulletin board (4 ft. X 4 ft.) should be provided if feasible.
- Kitchenette (double sink, cabinets above and below, outlets along counter, refrigerator)
- Counter top for sorting and cutting
- Clock

### Maintenance & Custodial Space Requirements

| Space                 | Suggestions |      |             | Comments |
|-----------------------|-------------|------|-------------|----------|
|                       | Qty.        | S.F. | Total       |          |
| Receiving             | 1           | 600  | 600         |          |
| Custodial Shop        | 1           | 300  | 300         |          |
| Custodial Office      | 1           | 100  | 100         |          |
| Custodial Storage     | 1           | 300  | 300         |          |
| Engineering Shop      | 1           | 300  | 300         |          |
| Engineer's Office     | 1           | 100  | 100         |          |
| Engineering Storage   | 1           | 200  | 200         |          |
| Toilet/Shower/Lockers | 2           | 150  | 300         |          |
| <b>Total</b>          |             |      | <b>2200</b> |          |



## RECEIVING



### CAPACITY:

- Maintenance personnel

### ANCILLARY SPACES:

- Custodian Shop
- Custodial Storage
- Engineering Shop
- Engineering Storage
- Toilet/Shower/Lockers

### GOAL:

- To serve as the central point for delivery and shipping of bulk commodities and equipment and provide adequate storage for supplies and materials

### PROGRAM ACTIVITIES:

- Loading and unloading
- Storage of furniture, materials for special events, paper, and general supplies

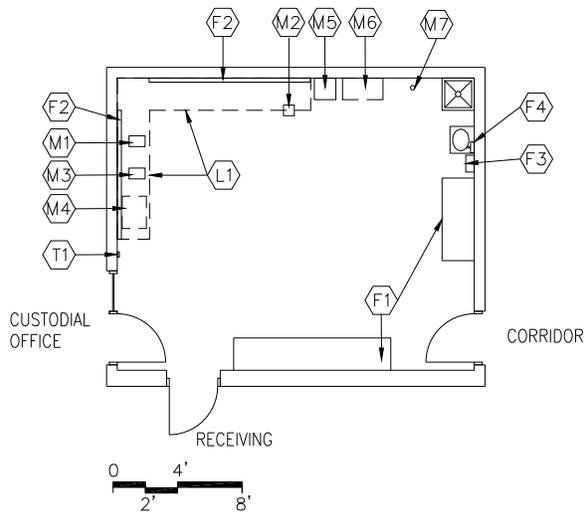
### SPATIAL RELATIONSHIPS:

- Access to loading dock area
- Access to a main corridor
- Adjacent and access to Custodian Shop
- Adjacent and access to Custodial Storage
- Adjacent and access to Engineering Shop
- Adjacent and access to Engineering Storage
- Adjacent and access to Toilet/Shower/Lockers

### ENVIRONMENTAL CONSIDERATIONS:

- Double doors with removable mullions to corridor
- High ceiling
- Staging area with insulated overhead door large enough for forklift access
- Uniform lighting
- Electrical outlets for equipment

## CUSTODIAN SHOP



### CAPACITY:

- Custodial staff
- Preventative custodial personnel

### ANCILLARY SPACES:

- Receiving
- Custodial Office

### GOAL:

- To provide a safe and orderly area for maintenance of equipment, furniture, and real property assets

### PROGRAM ACTIVITIES:

- General maintenance
- Painting
- Repair of small electrical items, equipment, furniture, doors, blinds, fixtures, etc.
- Preventative maintenance

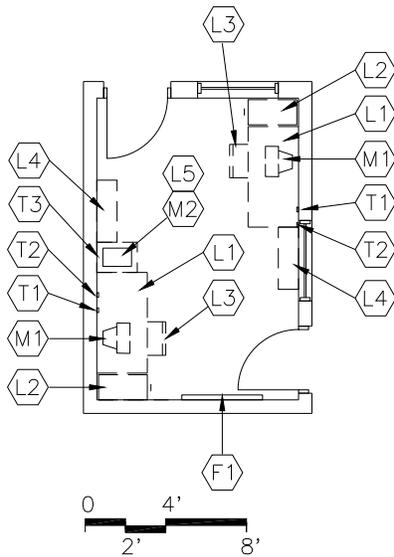
### SPATIAL RELATIONSHIPS:

- Adjacent and access to Receiving
- Adjacent and access to Custodial Office
- Access to a main corridor
- Near boiler room

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Electrical outlets for equipment
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Drainage for dumpster pad area for clean-up
- High ceiling
- Sound proofing

## CUSTODIAL OFFICE



### CAPACITY:

- Maintenance and custodial staff
- Building engineer

### ANCILLARY SPACES:

- Receiving
- Custodial Shop

### GOAL:

- To provide an area for the maintenance manager, staff, and building engineer to provide supervision of the physical plan

### PROGRAM ACTIVITIES:

- Conferences with staff and other visitors
- Telephone calls
- Paperwork

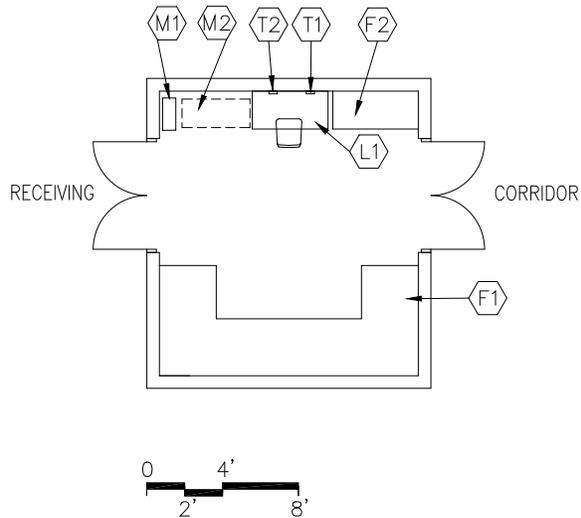
### SPATIAL RELATIONSHIPS:

- Adjacent and access to Receiving
- Near corridor
- Adjacent and access to Custodial Shop

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Electrical outlets for equipment
- Visual control from Receiving
- Visual control from Custodial Shop

## CUSTODIAL STORAGE



### CAPACITY:

- Custodial personnel
- Engineering personnel

### ANCILLARY SPACES:

- Receiving

### GOAL:

- To serve as the central point for storage of bulk commodities and equipment

### PROGRAM ACTIVITY:

- Storage of furniture, materials for special events, paper, and general supplies

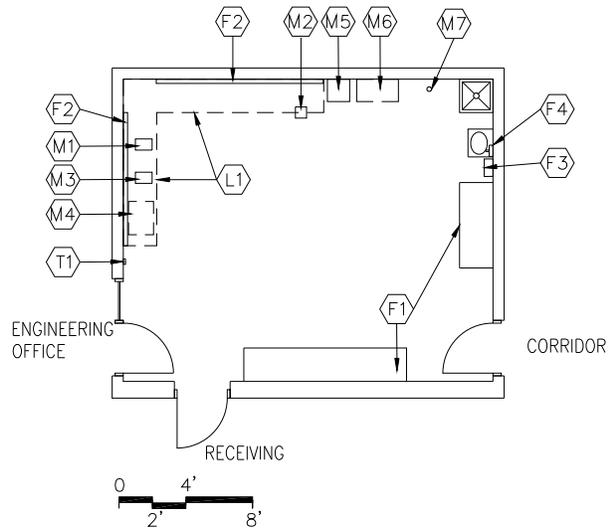
### SPATIAL RELATIONSHIPS:

- Adjacent to Receiving
- Easy access to a main corridor
- Near Custodial Shop

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Double doors with removable mullions to Receiving and Corridor
- High ceilings
- Electrical outlets for equipment

## ENGINEERING SHOP



### CAPACITY:

- Engineering staff
- Preventative engineering personnel

### ANCILLARY SPACES:

- Receiving
- Engineer's Office

### GOAL:

- To provide a safe and orderly area for maintenance of equipment, furniture, and real property assets

### PROGRAM ACTIVITIES:

- General engineering tasks
- Painting
- Repair of small electrical items, equipment, furniture, doors, blinds, fixtures, etc.
- Preventative maintenance

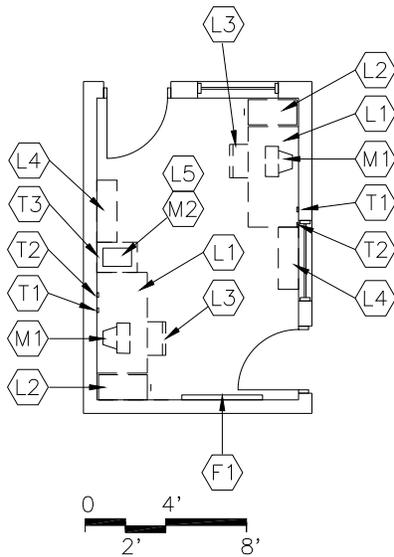
### SPATIAL RELATIONSHIPS:

- Adjacent and access to Receiving
- Adjacent and access to Engineer's Office
- Access to a main corridor
- Near Boiler room

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Electrical outlets for equipment
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Drainage for dumpster pad area for clean-up.
- High ceiling
- Sound proofing

## ENGINEERING OFFICE



### CAPACITY:

- Maintenance and custodial staff
- Building engineer

### ANCILLARY SPACES:

- Receiving
- Engineering Shop

### GOAL:

- To provide an area for the maintenance manager, staff, and building engineer to provide supervision of the physical plant

### PROGRAM ACTIVITIES:

- Conferences with staff and other visitors
- Telephone calls
- Paperwork

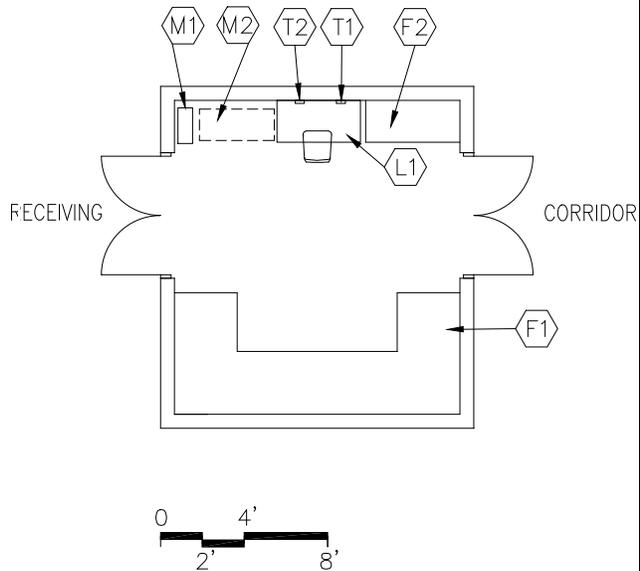
### SPATIAL RELATIONSHIPS:

- Adjacent and access to Receiving
- Near corridor
- Adjacent and access to Engineering Shop

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Electrical outlets for equipment
- Visual control from Receiving
- Visual control from Engineering Shop

## ENGINEERING STORAGE



### CAPACITY:

- Engineering personnel

### ANCILLARY SPACES:

- Receiving

### GOAL:

- To serve as the central point for storage of bulk commodities and equipment

### PROGRAM ACTIVITY:

- Storage of furniture, materials for special events, paper, and general supplies

### SPATIAL RELATIONSHIPS:

- Adjacent to Receiving
- Easy access to a main corridor
- Near Engineering Shop

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Double doors with removable mullions to Receiving and Corridor
- High ceilings
- Electrical outlets for equipment

**Pool (as is)**

**POOL LOCKER ROOMS / SHOWERS**

**M-PEH-4**

|  | Spec.<br>Ref.# |   | Spec.<br>Ref.# |
|--|----------------|---|----------------|
| <u>Finishes<sup>1</sup>:</u>                       |                | <u>Features<sup>1</sup>:</u>                    |                |
| Flooring:  |                | Fixed Equipment:                                |                |
| Ceramic mosaic tile                                | 093013         | F1 Towel dispenser                              | 102800         |
| Base:  |                | F2 24" x 60" mirror                             | 102800         |
| Ceramic mosaic tile                                | 093013         | F3 Soap dispenser                               | 102800         |
| with covered base                                  |                | F4 Narrow counter with mirror above             |                |
| Ceiling:   |                | 064123  |                |
| Lockers: Acoustical, suspended                     | 095113         | F5 Lockers (30)                                 | 105113         |
| tectum with hold down clips                        |                | F6 Locker benches                               | 105113         |
| Painted portland cement plaster                    |                | F8 Hand dryer                                   |                |
| 096613 / 099123                                    |                | F9 Towel hooks                                  | 102800         |
| Walls:   |                | F10 Shower curtain and rod                      | 102800         |
| Lockers: Epoxy painted concrete                    |                | F11 Toilet partitions                           | 102113         |
| masonry units 042000 / 099123                      |                | F12 36" x 42" grab bars                         | 102800         |
| Toilet/Showers: Ceramic tile                       | 093013         | F13 Toilet tissue holders                       | 102800         |
|  |                | F14 16" x 24" mirror                            | 102800         |
|  |                | F15 ADA shower accessories                      | 102800         |
| <br><u>Loose Furnishings:</u>                      |                | <br><u>Fire Suppression:</u> Div. 21            |                |
| L1 Hamper  |                | Fire suppression system                         |                |
| <br><u>Electrical:</u> Div. 26                     |                | <br><u>Plumbing:</u> Div. 22                    |                |
| Duplex receptacles on perimeter                    |                | Plumbing connections                            |                |
| walls  |                | Wall-mounted water closets                      |                |
| Single-level switching                             |                | Wall-mounted lavatories                         |                |
| Fluorescent lighting                               |                | Wall-mounted urinals                            |                |
| Illumination level: See Table 7600-16              |                | ADA shower controls and head                    |                |
| Means of egress per code                           |                | Shower fixtures                                 |                |
| Clock  |                | Floor drains - in locker area, toilet area, and |                |
| Central sound system                               |                | showers   |                |
| <br><u>Communications:</u>                         |                | <br><u>HVAC:</u> Div. 23                        |                |
| N/A  |                | Supply/return air system                        |                |
| <br><u>Electronic Safety and Security:</u> Div. 28 |                | Exhaust air system                              |                |
| Life safety devices per code                       |                | Independent temperature                         |                |
|  |                | controls  |                |
|  |                | Humidity controls                               |                |

**NOTES:**

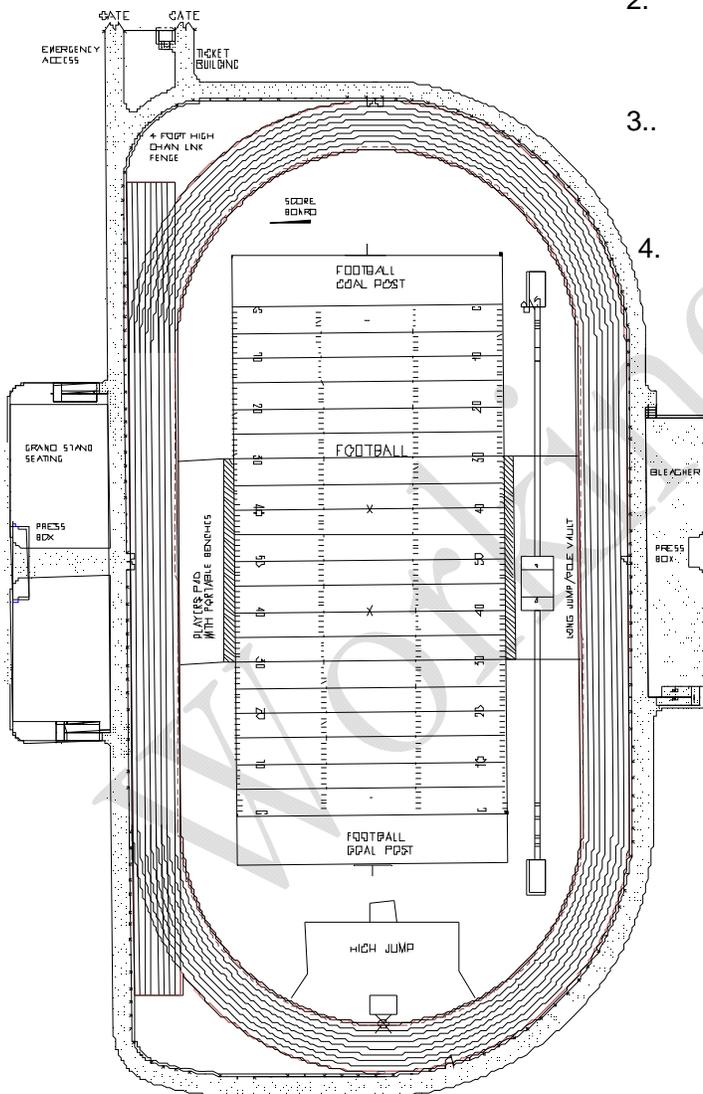
1. Finishes/Features: Refer to Chapter 8 for specification references.

## PHYSICAL EDUCATION FIELDS

1. Provide 6-lane track with center soccer/football field; field events; bleacher seating for 400, 3 basketball and 4 tennis courts as a minimum..
2. Provide grading of fields with 1 percent to 1-1/2 percent slope.

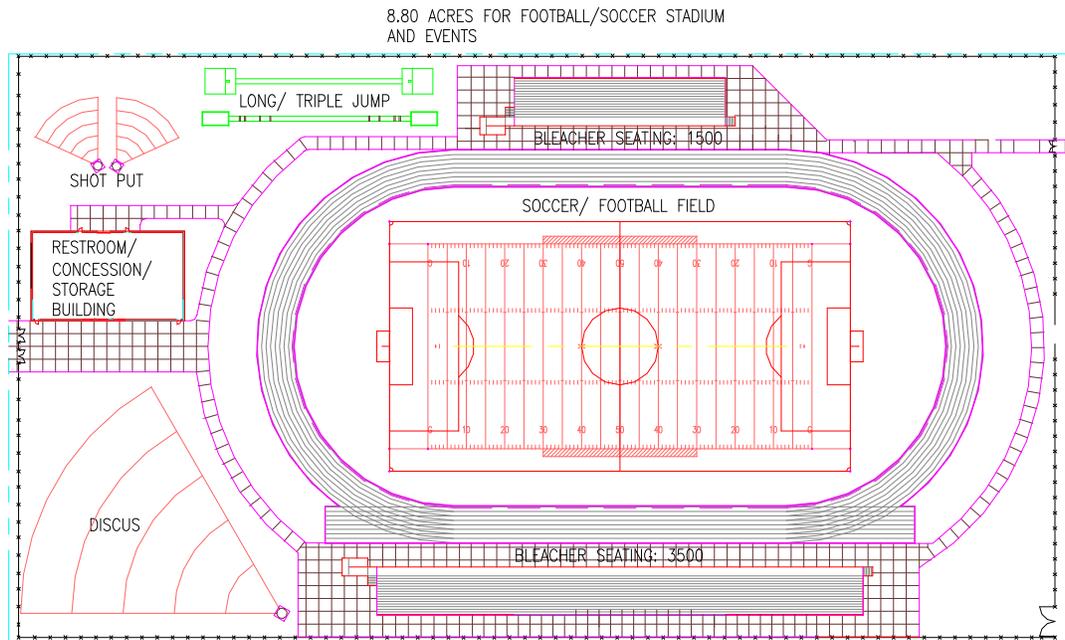
### A. FOOTBALL FIELD

1. Provide 6- or 8-lane, 400-meter running track/football field in accordance with NCAA standards. See Figure E-1.
2. Design track radius to allow for a soccer or football field inside the track with player benches.
3. Provide field events that include high jump, long/triple jump, discus, shot-put and pole vault.
4. Provide a 4-foot high chain link perimeter fence surrounding track with gates at center field and as needed for maintenance.
  - a. Include track equipment storage under bleachers – drive-in if feasible.
  - b. Archery range desirable.



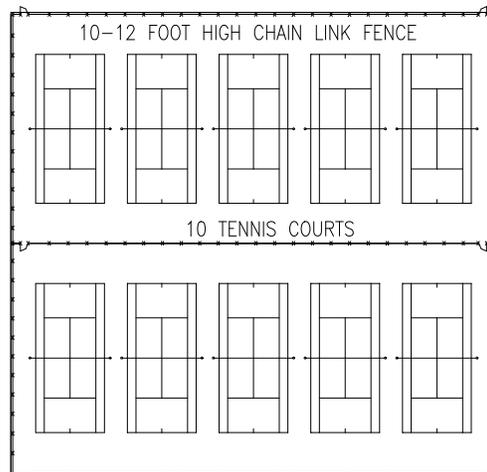
## RUNNING TRACK

1. Provide 6- or 8-lane, 400-meter running track/football field in accordance with NCAA standards. See Figure E-1.
2. Design track radius to allow for a soccer or football field inside the track with player benches.
3. Provide field events that include high jump, long/triple jump, discus, shot-put and pole vault.
4. Provide a 4-foot high chain link perimeter fence surrounding the track with gates at center field and as needed for maintenance. Provide 8 foot high chain link fence around perimeter of stadium area with controlled entrance/exit. Locate gates for emergency access and maintenance.
5. Locate restroom/concession/storage building at one end of track for accessibility to visitor and home bleachers.
6. Provide electrical outlet near home side bleachers.



## B. TENNIS COURTS

1. Provide be 36-foot wide by 78-foot long courts with a minimum of 21 feet behind each base line to the fence and a minimum of 12 feet from sideline to adjacent court or fence (see Figure F-1).
2. It is recommended to have no more than 3 courts side-by-side within a single fenced area.
3. Provide perimeter fence to be 10-foot to 12-foot high. Fence between adjacent banks of courts should be a minimum of 4-foot high.
3. Provide windscreen on chain link fence for wind reduction and at ends of courts for increased ball visibility.
5. Backboards located on chain link fence at ends of courts for teaching are optional.
6. Modify spacing, depth of footings, and post size of fencing as required for additional wind load of future windscreen or backboard.
7. Recommended slope is 0.833 percent; maximum 1 percent.
8. The direction of slope in order of preference: 1) side-to-side, 2) end-to-end, and 3) corner-to-corner.



## C. MULTIPURPOSE FIELD

1. Grading is to crown at center of the field and slope to sidelines.
2. Consider under drains and irrigation.
3. Provide portable or combination football/soccer goals.
4. Provide a 225-foot wide by 360-foot long multipurpose field.

### Stadium Support Facilities

These areas shall be located centrally to all competitive athletic fields. Locate the ticket booth so that it creates a main gate area for the public attending outdoor competitive sporting events.

#### 1) Restrooms (2 @ 300 SF ) May be in the main building

- Restrooms (Male & Female) shall have steel, securable entrance doors.
- Ceilings shall be hard – no lay-in ceiling.
- Restroom partitions and fixtures shall be durable
- Forced ventilation shall be provided in restrooms.
- The restroom area floor surface shall be non-slip epoxy resin sloped to a floor drain. Note: Maintenance of the floor will include mopping so that the texture of the epoxy resin cannot be excessively rough.
- The restroom walls shall be block with epoxy paint.

#### 2) Ticket Booth (60 SF)

- This will be an unsecured building when not in use
- The utility closet floor shall be sealed concrete.

#### 3) Concessions Stand (600 SF)

- This building will be centrally located with window facing the home and visitors sides.
- The concession stand shall include serving windows and counters to accommodate up to four lines of customers.
- The concession stand shall be equipped with plumbing and electrical outlets for popcorn poppers, coffee makers, microwaves, ice machine, etc.
- The concessions stand floor shall be sealed concrete.

#### 4) Storage (200 SF)

- The storage area shall have an overhead door plus a steel personnel door.
- The storage area shall include electrical outlets for lighting.
- The storage area shall include shelving for storage of small equipment
- The storage room shall be provided with sufficient ventilation.
- The storage area floor shall be sealed concrete.

#### 7) Stadium Press Box (600 SF)

- This building shall be located on the home side at the football/soccer/track stadium.
- The press box shall be a minimum of 640 SF.
- The press box shall be totally enclosed with sufficient glazing to provide an unobstructed view of the entire track and playing field area.
- The front windows of the press box shall be operable.
- A high desk counter shall be provided under the front press box windows.

- The press box shall be heated and air-conditioned.
- A P/A sound system shall be provided.
- An upper deck with safety railing on all sides shall be provided on the roof of the press box. Access to the upper deck shall be by stairs from inside the press box.
- Provide electrical power on press box upper deck for video recording equipment.
- Provide electrical wiring and control connections from the press box to the scoreboard location.

Working Draft