

**Educational Specifications for  
Brookland Middle School  
540 capacity**

**October 2012**

DRAFT

# Educational Specifications for Brookland Middle School

## Introduction

This document articulates the requirements for a 'new' middle school on the prior Brookland Elementary School site. It describes the planned educational programs and services and the opportunities and challenges associated with the design and construction.

## Scope

In 2008, DCPS converted elementary schools in the Ward 5 neighborhoods to PS-8 Educational Centers and closed the existing middle school. After four years, the communities asked the Chancellor to evaluate and reconsider the decision, asking that DCPS offer one or more middle school options. After a full public engagement process, the Chancellor announced in March 2012 a plan to open two middle schools and retain only one PS-8 school.

Brookland Elementary School was consolidated with Bunker Hill ES in 2008. Since that time the Brookland building has been vacant. This 1974 open space school is 98,000 SF and sits on 2 acres. A city recreation facility is located adjacent and has a soccer field, tennis courts, and swimming pool.

This project may entail reconstruction of a new 540 capacity middle school.

## Program

The proposed educational program will be for a standard DCPS middle school program with an integrated arts and language education focus. The intent of this focus is to weave throughout the curriculum the different learning styles that the arts employ – visual/spatial, kinesthetic, and musical. This may mean that the school will have a greater emphasis in electives in art, music, drama, and dance. This may mean that the school building will offer an environment that is stimulating visually, tactually, or musically as it applies to all subjects.

The educational specification identifies three spaces specifically for arts education – visual, musical and a more generic performing arts (TBD). But since the middle school program has only limited opportunities for elective courses, it is expected that the learning concepts be integrated throughout the school – whether through maps and puzzles, mazes, musical patterns, etc.

## Brookland MS Proposed Academic Map

Subject	Grade 6	Grade 7	Grade 8
English	English 6	English 7	English 8
Math	Math 6	Math 7	Math 8/Algebra I
Science	Earth Science	Life Science	Physical Science
Social Studies	Social Studies 6	Social Studies 7	Social Studies 8
World Languages	Language & Culture	Language Level 1 A	Language Level 1 B
Music	Music 6 Choral Music Beginning Band/Orchestra	Music 7 Choral Music II Intermediate Band/Orch.	Music 8 Choral Music III Advanced Band/Orchestra
Art	Art 6	Art 7	Art 8
Health/PE	Health/PE 6	Health/PE 7	Health/PE 8

## Overview of Planning Concepts

### Core Instructional Spaces

The basic organizational cluster for this school should consist of general purpose classrooms, science and technology Labs, and a teacher work center. Each cluster would also contain a resource classroom used by support educators. Student restrooms should be located within the cluster commons.

- Each house will have Math, Science, Language Arts, Social Studies, Resource Room, Teacher Work Center, as well as lockers, bathrooms, water fountains, and display cases.
- The core area will have Labs for the visual and performing arts
- The activity areas will include a media center, dining, and a physical education space

### 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.

### Instructional Methods

Instructional methods vary with grade level, but maintain continuity. Predominant elements include:

- Integrated learning, where content areas cross disciplines
- Flexible groupings
- Mentoring of older to younger students
- Extended day learning opportunities
- Parent involvement and volunteer activities

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

Immediately upon entry, visitors will be greeted in the “welcome area.” The administrative offices and guidance services will be located in this centralized area.

### Media Center

The media center serves a dual role – its traditional role as a gathering place for research and learning and a new role as a technological information base. In this new role, the media center may house a transparent voice/video/data network. This network enables the transmission of media services to the desktops of teachers and students without physically entering the media center. This area is changing from a "depository of books" to a "high technology information distribution center." It is not projected that the library functions will discontinue, rather digital technology will enhance voice, video, and data communications within the school, among district facilities, and with distant learning resources.

## **Visual and Performing Arts**

This school is expected to offer an Integrate Arts Curriculum. Evidence of the vitality of the arts program should be integrated throughout the corridors, entryway, and exterior.

The music program includes instrumental and voice. Teaching spaces for this curriculum must be planned with particular attention to room volume and acoustics. Several storage options must be included to support the wide variety and large volume of instruments and music required to support these programs. The visual arts program will include an art room with associated kiln and outdoor patio. This space will contain sinks, furniture, and equipment to support both 2D and 3D instruction.

## **Physical Education**

To support the middle school physical education program, a variety of indoor and outdoor areas are required. Indoor areas include a gymnasium, locker rooms, health classroom, and storage areas. All middle school students may be involved in physical education, which requires an adequate number of teaching stations.

Outdoor spaces will be shared with the city recreation facility. Those spaces include a multi-purpose soccer field and tennis courts. In return, the community will have access to the middle school's gymnasium during evenings and weekends.

## **Cafeteria**

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

Students need both inside and outside commons areas that offer places for socialization and 'play' near the cafeteria. Outside areas should include seating, shade, and a hard surface play area (basketball court) – all within easy observation of the school and staff. Inside areas may include recreational space, reading and homework areas, audio-video area, and different seating arrangements.

## **Special Features**

### **Corridors and Commons Spaces**

The front entry lobby should be welcoming and inviting for students, staff, and visitors. Display systems should be provided for 2-dimensional and 3-dimensional student work and awards. Finishes should be durable and easy to maintain. The scale of all spaces should be child-friendly. Colors, artificial lighting, and natural daylighting should be managed artfully to create an environment that communicates that school is a very special place.

### **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, books, supplies, and teaching materials.

To the extent possible, movable furnishings will be used, rather than fixed casework, to provide flexibility for future reconfiguration.

## **Technology**

The facility will contain the latest in technology and be wired for voice, data, and video throughout the building. The program design is intended to bring information to the desk of the student, and computer technology will be distributed in every classroom. It is intended that access to technology will be seamless and pervasive throughout the building.

Every classroom will be wired for teacher audio enhancement. Research into this cutting-edge technology suggests that student learning can improve in classrooms where the teacher's voice is amplified and the classroom acoustics are designed to support voice clarity.

## **Handicapped Accessibility**

The entire facility will be accessible for students, staff, and visitors. This will be accomplished through judicious use of ramping and elevators with 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 wayfinding and signage, appropriate use of textures, and universal accessibility of all indoor and outdoor school facilities.

## **Site**

The site circulation will be organized for safety and efficiency. This will be accomplished through careful separation of vehicular and pedestrian traffic. Sufficient stacking space will be provided to prevent congestion of busy streets

## Educational Specifications for Brookland Middle School

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### Environmental Performance Criteria

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 & 62.1-2007
6) Carbon Dioxide Levels	Below 700 PPM above outdoor air	ASHRAE 62.1-2007
7) HVAC Background Noise Level	RC(N) Mark II level of 37	ASHRAE Handbook 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	

## Educational Specifications for Brookland Middle School

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

<b>DESIGN PARAMETERS PARAMETER NOTES</b>	
1) Data / Computer Drops	Two for teacher (data and phone), five student computers, printer, two wireless access points for mobile carts
2) Audio / Video Equipment	
	Ceiling mounted LCD projector linked to Teacher's PC (data drop)
	Video Format Screen
	Digital DVD/VCR/Tuner
Sound Reinforcement	Amplifier, microphone, speakers
3) Clock	
	Synchronized with Bell system (data drop)
4) Sound System & Emergency Call-box	
Ceiling or Wall Speaker	Class change bells, emergency announcements
5) CCTV Camera	
	Security, WebX conferencing, Distance Learning

**Furniture:** Providing adaptable and flexible furniture systems, mobile media systems, and mobile media carts.

### **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.

#### **1. 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 naturally transition from one location to another
- Locate toilets in close proximity to classrooms
- 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

#### **2. 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
- Operational part of windows on the ground floor should be in the upper portion to prevent access.
- Install non-slip floors and walk-off mats at point of entry

#### **3. 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 when needed
- Motion or infra-red detectors, which can also conserve lighting costs
- Video cameras that are used for instructional purposes could also be used for security purposes during non-school hours
- Smoke and heat detectors located throughout the building

### **Energy and Environmental Design**

There is a high 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.)

## 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

## Educational Specifications for Brookland Middle School

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### Proposed Capacity

Room Use			
Grade	Number of	Capacity	Total
	Classrooms	(Program)	
Academic Classrooms	18	20	360
Science	4	20	80
Visual Art	1	20	20
Performing Arts	2	20	40
Physical Education	2	20	40
Special Education	3	0	0
<b>Total</b>	<b>31</b>		<b>540</b>

In addition to the above capacity bearing classrooms, the school will have academic and special education resource rooms and independent learning labs.

### Building Space Summary

Space Summary	Total
Core Academic	26,850
Media Center	3,250
Visual and Performing Arts	4,700
Physical Education/Multi-purpose	9,870
Administration	4,680
Dining and Food Service	6,300
Maintenance & Custodial Services	920
Electrical, Toilets, Custodial Closets, Corridors	24,466
<b>Total Net</b>	<b>81,036</b>
Construction Factor[.082]	6,727
<b>Total Gross (minimum net:gross)</b>	<b>87,763</b>

### Outdoor Space Requirements

Environmental Classroom
Parking for approximately 60 cars

## Educational Specifications for Brookland Middle School

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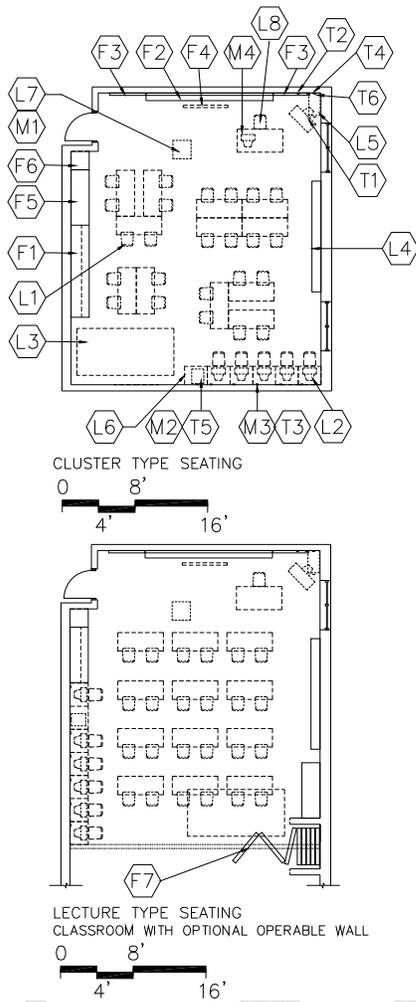
### Academic Area Spaces

Spaces	Suggested			Comments
	Quantity	S.F.	Total	
Core Academic Classrooms	23	850	19,550	Includes Health, special education, and Alt rm.
Science Labs	4	1,100	4,400	
Science Prep/Storage	4	varies	400	
Special education resource rm.	3	400	1,200	
Academic Resource	3	300	900	
Teacher workrooms	2	200	400	
<b>Total</b>			<b>26,850</b>	

# Educational Specifications for Brookland Middle School

## GRADES 6-8 CLASSROOM

M-AC-1



### CAPACITY:

- 24-30 students
- Teacher
- Guest speakers/volunteers

### SIZE:

- 800- 850 SF

### GOAL:

- To allow for space flexible enough to accommodate any of the core academic disciplines

### PROGRAM ACTIVITIES:

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

### SPATIAL RELATIONSHIPS:

- Classroom are located by floor by grade
- Special education classrooms are integrated with their peers and should be outfitted similarly.
- The health classroom should be near the gymnasium

### ENVIRONMENTAL CONSIDERATIONS:

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

### NOTES:

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

## Educational Specifications for Brookland Middle School

### GRADES 6-8 CLASSROOM

**M-AC-1**

	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Rubber tile	096519	F1 Casework:	
		Base/wall cabinets	123200
Base:		F2 Marker board (2 walls)	101100
Resilient base	096519	16 LF primary/8 LF secondary	
		F3 Tack board flanking marker boards	101100
Ceiling: (9' high minimum)		Plus two (2) parallel rows of continuous	
Suspended, acoustical	095113	tack strips on all available walls (4 LF or	
		longer) at 48" AFF	
Walls:		F4 Manual projection screen (60"x60")	115213 <sup>3</sup>
Painted concrete masonry units or dry wall		F5 Casework:	
042000 / 099123		Tall storage cabinets	123200
		F6 Casework:	
<u>Loose Furnishings:</u>		Wardrobe (18X18)	123200
L1 24-30 flat top desks/chairs		<u>Fire Suppression:</u>	
L4 Adjustable height bookshelves (24 LF)		Fire suppression system	211000
L5 Four-drawer file cabinet		<u>Plumbing:</u>	
L7 Audio-visual cart for teacher use		Sink in one classroom for Health classes	
L8 Teacher workstation and chair		<u>HVAC:</u>	
Wastebasket		Supply/return air system	Div. 23
<u>Miscellaneous:</u>		Independent temperature	
M1 Projection device on cart or electronic		control	
white board		<u>Electrical:</u>	
M2 Printer		Duplex receptacles	262726
M3 3-5 computers for student use		3 per primary teaching wall	
M4 Computer for teacher use		2 per other walls	262726
<u>Communications</u>		TVSS protected quad receptacle	
T1 Video port, monitor	274133	adjacent to each data port and	
T2 Voice port and phone	275116	video port	262726
T3 5 data ports (minimum) for		Multilevel switching	262726
student use	271500	Flourescent lighting	265100
T4 Data port near teacher workstation	271500	Illumination level: See Table 7600-16	
T5 Data port for printer	271500	Clock	275313
T6 LCD ceiling mounted port	275116	Central sound system	275116
2 wireless ports		<u>Electronic Safety and Security:</u>	
Audio Enhancement Equipment		Life safety devices per code	283111

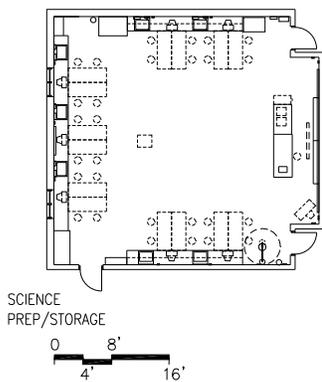
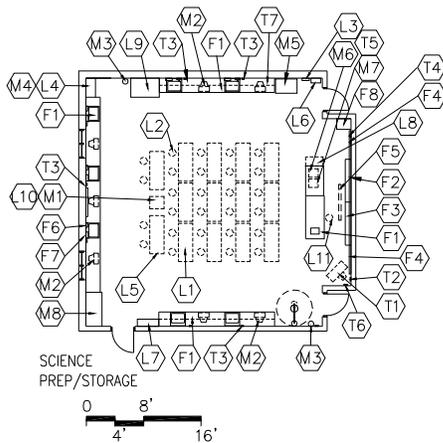
**NOTES:**

1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications – Technology, Section 1240.
3. Delete where a digital white board is installed.

# Educational Specifications for Brookland Middle School

## SCIENCE CLASSROOM

M-AC-2



### GOALS:

- Flexible space and layout to support delivery of entire science curriculum in any lab
- To help students become reasonable caretakers of their bodies and environment
- To help students become effective team members
- 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
- Hands-on activities
- Team teaching
- Data collection and analysis
- Oral presentations
- Computer simulations

### ENVIRONMENTAL CONSIDERATIONS:

- Consider future technology needs; build-in flexibility to retain options
- Uniform lighting
- Rooms designed for ease of movement. Students need to be able to move around the labs with chemicals, etc., in a safe way. Rooms will be used for small group work as well as large group instruction
- Lab table tops, floors, etc., need to be resistant to acids, heat, spills, etc.
- OSHA requirements maintained
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
  - Reverberation Time: .4-.6 seconds
- Electrical outlets for equipment
- Windows to provide natural light and egress
- Window treatment to darken room for AV presentations
- Adequate ventilation
- Proportion classroom for effective viewing and listening from all areas of the classroom
- Auditory privacy

### CAPACITY:

- 24 students
- Teachers
- Staff

### SIZE:

- 1000-1100 SF

### SPATIAL RELATIONSHIPS:

- Accessible to students from Academic Core Area
- Near access to outdoors
- Adjacent and access to Science Prep/Storage
- Near Media Center for research
- Near elevator if split between floors

### NOTES:

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

## Educational Specifications for Brookland Middle School

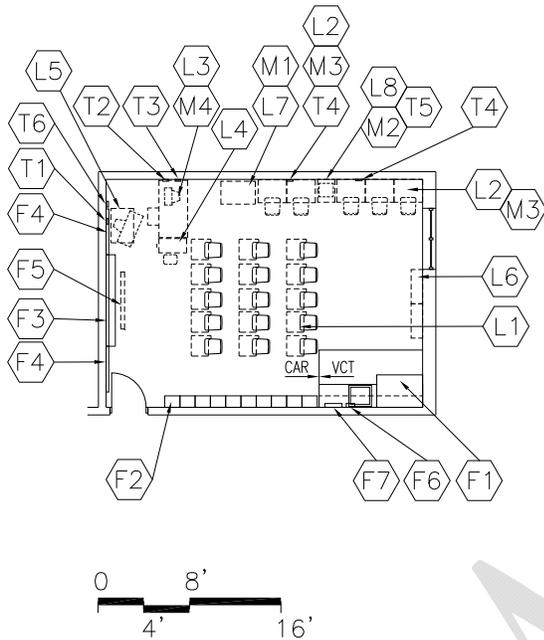
<b>SCIENCE CLASSROOM</b>		<b>M-AC-2</b>
	Spec. Ref.#	Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>
Flooring:		Fixed Equipment:
Quartz tile	096518	F1 Science Casework:
Base:		Base cabinets and shelving
Resilient base	096519	Tall cabinets for class storage
Ceiling: (9' high minimum)		Teacher demonstration table
Suspended, acoustical	095113	F2 Marker board (8 LF)
Walls:		F3 Marker board with grid (8 LF)
Painted concrete masonry units or dry wall	042000 / 099123	F4 Tack board (8 LF)
		F5 Manual projection screen
		F6 Soap dispenser
		F7 Towel dispenser
		F8 Casework: Wardrobe
<u>Loose Furnishings:</u>		<u>Fire Suppression:</u>
L1 12 two-person adjustable height tables		Fire suppression system
L2 24 adjustable height stools (non-swivel)		211000
L3 Fire blanket		
L4 Microscopes (in cabinets)		<u>Plumbing:</u>
L6 Goggle storage and sanitizer cabinet		Plumbing connections (sinks)
L7 Adjustable height bookshelves (24 LF)		All utilities for teacher demonstration table
L8 Four-drawer file cabinet		Safety chemical showers/eye wash
L9 Portable fume hood (one per school)		Stations -Floor drains
L10 Multimedia cart for teacher use		15410
L11 Adjustable height stool for teacher		
Wastebasket		
		<u>HVAC:</u>
<u>Miscellaneous:</u>		Supply/return air system
M1 Projection device on cart or electronic white board		Independent temperature control
M2 7 portable computers for student use		Div. 23
M3 Fire extinguishers		
M4 Video camera hooked to microscopes		<u>Electrical:</u>
M5 Digital science instrumentation		Duplex receptacles
M6 Printers		3 per primary teaching wall
M8 Environmental chamber (one per school)		2 per other walls
M9 Computer for teacher use		1 at each lab station
		TVSS protected quad receptacle adjacent to each data port and video port
<u>Communications</u>		262726
T1 Video port	274133	Multilevel switching
T2 Voice port and phone	271500	Fluorescent lighting
T3 Data port at each lab station for student use	271500	Illumination level: See Table 7600-16
T4 Data port near teacher workstation	271500	Clock
T5 Data port for printers	271500	Central sound system
T6 LCD ceiling mounted port	271500	Quad outlet at teacher demo.
Audio Enhancement		262726
		<u>Electronic Safety and Security:</u>
		Life safety devices per code
		283111

**NOTES:**

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

**RESOURCE CLASSROOM**

**E-ACA-4**



**GOAL:**

- To provide a safe and comfortable learning environment for students with unique learning challenges

**PROGRAM ACTIVITIES:**

- Small group work
- Independent instruction and work

**SPATIAL RELATIONSHIPS:**

- Located within Academic Core areas
- Ingress/egress to the building which allows for special transportation pick-ups

**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
- Proportion classroom for effective viewing and listening from all areas of the classroom
- Window treatment to darken room for AV presentation

**CAPACITY:**

- Up to 15 students
- 2 or more staff members

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

N/A

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### RESOURCE CLASSROOM

### E-ACA-4

<u>Finishes<sup>1</sup>:</u>	Spec. Ref.#	<u>Features<sup>1</sup>:</u>	Spec. Ref.#
<u>Flooring:</u> Rubber tile	096519	<u>Fixed Equipment:</u> F1 Casework: Base/wall cabinets and shelving Paper storage cabinets	123200
<u>Base:</u> Resilient base	096519	F2 Carpentry: Student cubbies (15) (optional)	064123
<u>Ceiling (9' high minimum):</u> Suspended, acoustical	095113	F3 Marker board (8 LF)	101100
<u>Walls:</u> Painted concrete masonry units or dry wall 042000/099123		F4 Tack board (8 LF minimum)	101100
		F5 Manual projection screen	115213
		F6 Soap dispenser	102800
		F7 Towel dispenser	102800
		F8 Casework: Wardrobe	123200
<u>Loose Furnishings:</u> L1 15-18 student desks or work table L2 3-5 computer workstations and chairs L3 Teacher workstation and chair L4 Four-drawer file cabinet L5 Mobile shelving L6 Adjustable height bookshelves (20 LF) L7 Audio visual cart for teacher use Wastebasket		<u>Fire Suppression:</u> Fire suppression system	Div. 21
		<u>Plumbing:</u> Div. 22 Plumbing connections (optional) Sink with drinking fountain	
		<u>HVAC:</u> Div. 23 Supply/return air system Independent temperature Control	
<u>Communications<sup>2</sup>:</u> T1 Video port, monitor, VCR/DVD, and brackets T2 Voice port and phone T3 Data port near teacher workstation T4 3 data ports for student use	Div. 27	<u>Electrical:</u> Div. 26 Duplex receptacles 3 per primary teaching wall 2 per other walls TVSS protected quad receptacle adjacent to each data and video port Fluorescent lighting Illumination level: See Table 7600-16 Multilevel switching Clock Central sound system	
<u>Miscellaneous:</u> M1 Projection device on cart M3 3 computers for student use M4 Computer for teacher use	Div. 272	<u>Electronic Safety and Security:</u> Life safety devices per code	Div. 28

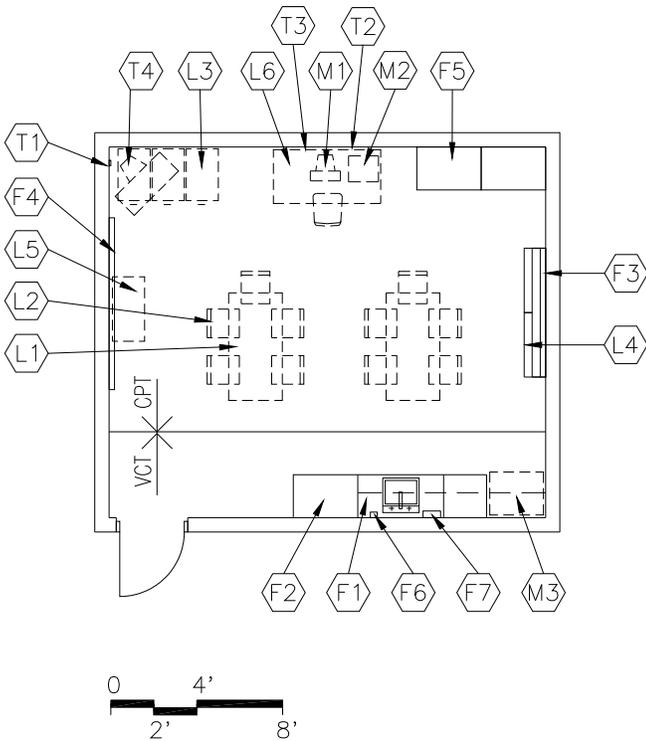
### NOTES:

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

# Educational Specifications for Brookland Middle School

## TEACHERS' WORK CENTER

**M-AD-12**



**Loose Furnishings:**

- L1 3-4 tables (36" x 72")
- L2 15-20 chairs
- L3 3, four-drawer file cabinet
- L4 Adjustable height bookshelves (12 LF)
- L5 Literature display
- L6 2 Computer workstations  
Wastebasket

**Miscellaneous:**

- M1 2 Computers

**Communications:**

- T1 Cable/MATV port
  - T2 Voice port and phone
  - T3 1 data port
  - T4 Video port, monitor, VCR/DVD, and bracket Printer
- Interactive white board or equivalent digital display capacity.

Div. 27

**GOALS:**

- To provide a place for instructional coaches to work with staff
- To provide a place for collaboration

**PROGRAM ACTIVITIES:**

- Small group meetings
- Work area
- Storage for STEM Materials

**SPATIAL RELATIONSHIP:**

- Near Welcome Center
- Near Public Restrooms
- Near Entrance Lobby

**ENVIRONMENTAL CONSIDERATIONS:**

- Electrical outlets for equipment
- Lighting appropriate to task
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Windows to provide natural light, desirable

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

**Fixed Equipment:**

	<u>Spec.</u> <u>Ref.#</u>
F2 Casework: Wardrobe cabinet	123200
F3 Marker board (8 LF)	101100
F4 Tack board (8 LF)	101100
F5 Casework: Tall cabinets	123200

Sink optional pending location.

**NOTES:**

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

## Educational Specifications for Brookland Middle School

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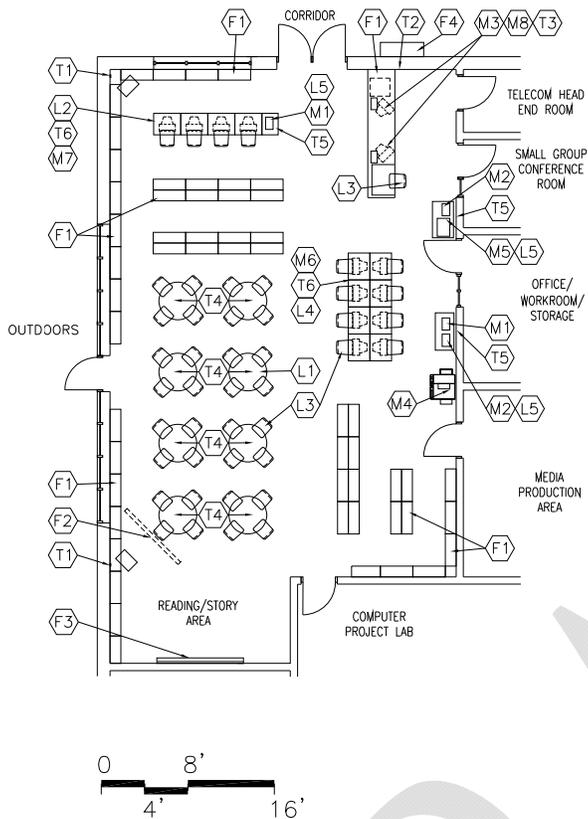
### Media Center Space Requirements

Spaces	Suggested			Comments
	Qty.	S.F.	Total	
Reading/Circulation/Meeting Area	1	1,400	1,400	
Office/Workroom	1	450	450	
Storage	1	150	150	
Media Production	1	400	400	
Computer Lab	1	850	850	
<b>Total</b>			<b>3,250</b>	

DRAFT

## READING / LEARNING / CIRCULATION ROOM

**M-MC-1**



**CAPACITY:**

- Class of Students
- Up to 10 students for open reading
- Up to 12 individuals for research
- Media specialist
- Guest speakers, volunteers

**GOAL:**

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

**PROGRAM ACTIVITIES:**

- Reading
- Circulation of materials and resources including online catalogs
- Large 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
- Ceiling mounts and appropriate wiring for LCD projector
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Higher than normal ceiling height
- Electrical outlets at entrance for future security system
- Electrical outlets at all column locations
- Windows to provide natural light
- 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
- Window treatment to darken room for AV presentation
- Auditory privacy

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### READING / LEARNING / CIRCULATION ROOM M-MC-1

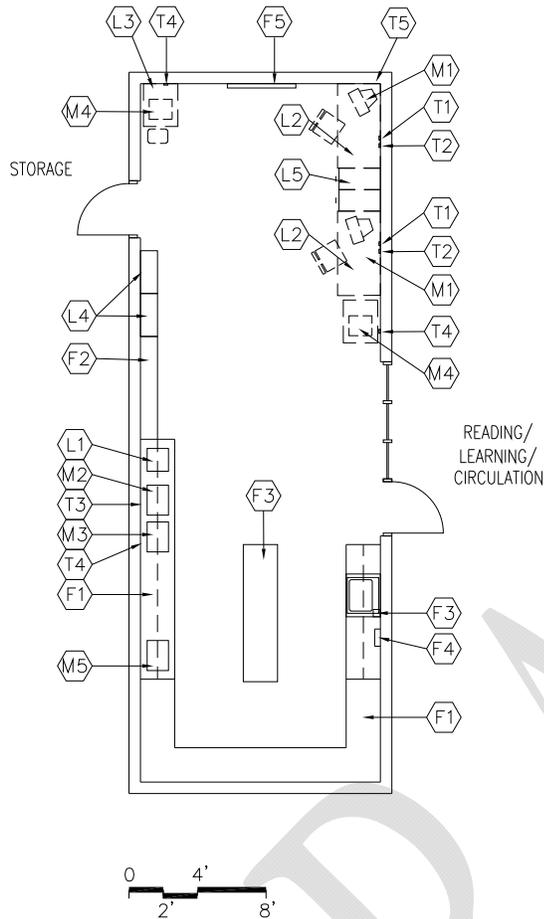
	Spec.		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
	<u>Ref.#</u>	<u>Fixed Equipment:</u>	
Flooring:		F1 Library casework	123550
Carpet	096816	F2 Motorized projection screen	115213
		F3 Display case	123559
Base:			
Resilient base	096519	<u>Fire Suppression:</u>	Div. 21
		Fire suppression system	
Ceiling:			
Suspended, acoustical	095113	<u>HVAC:</u>	Div. 23
		Supply/return air system	
Walls:		Independent temperature control	
Painted concrete masonry units	042000 / 099123		
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
L1 6 six-person tables or 8 four person		Duplex receptacles	
L2 2 automated card catalog stations		TVSS protected quad receptacle adjacent to each data and video port	
L3 50 chairs		Multilevel switching	
L4 12 seated reference stations		Fluorescent lighting	
L5 4 lounge chairs		Illumination level: See Table 7600-16	
L6 2 end tables		Security System	
L7 2 printer tables		Central sound system	
Wastebasket			
<u>Communications<sup>2</sup>:</u>	Div. 27	<u>Electronic Safety and Security:</u>	Div. 28
T1 2 video port		Life safety devices per code	
T2 Voice port and phone			
T3 2 data ports at circulation desk		<u>Miscellaneous:</u>	
T5 2 data ports for printers		M1 2 printers	
T6 2 data ports for automated data card catalog		M2 Scanner	
T7 12 data ports for reference		M3 Copier	
T8 2 bar code readers		M5 12 computers for student use	
T9 2 wireless access points			
T10 Data port for scanner			

#### NOTES:

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

**COMBINED OFFICE / WORKROOM**

**M-MC-6**



**GOAL:**

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

**PROGRAM ACTIVITIES:**

- Receive, process, and duplicate library materials
- Scanning
- Repair damaged or worn materials
- Digitizing
- Media distribution

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Reading/Learning/Circulation Room
- Adjacent and access to Storage

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Locate behind circulation desk
- Visual access to Reading/Learning/Circulation Room

**CAPACITY:**

- Media specialist
- Technology aide

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Reading/Learning/Circulation Room (M-MC-1)
- Storage (M-MC-5)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### COMBINED OFFICE / WORKROOM

### M-MC-6

	Spec.		Spec.
<u>Finishes<sup>1</sup>:</u>	<u>Ref.#</u>	<u>Features<sup>1</sup>:</u>	<u>Ref.#</u>
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Casework:	123200
		Base/wall cabinets	
		Tall storage	
Base:		F2 Storage shelving:	105613
Resilient base	096519	Video tapes	
Ceiling:		F3 Soap dispenser	102800
Suspended, acoustical	095113	F4 Towel dispenser	102800
		F5 Tack board (4 LF)	101100
Walls:		<u>Fire Suppression:</u>	Div. 21
Painted concrete masonry units		Fire suppression system	
	042000 / 099123		
<u>Loose Furnishings:</u>		<u>Plumbing:</u>	Div. 22
L1 Paper cutter		Plumbing connections	
L2 Computer workstation and ergonomic task chair		Sink	
L4 Adjustable height bookshelves		<u>HVAC:</u>	Div. 23
L5 2, four drawer file cabinets		Supply/return air system	
Wastebasket		Independent temperature control	
<u>Miscellaneous:</u>		<u>Electrical:</u>	Div. 26
M1 Computer		Duplex receptacles	
M3 Fax machine		Single-level switching	
M5 Video distribution equipment		TVSS protected quad receptacle adjacent to each data port	
		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	
		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.

## MEDIA PRODUCTION AREA

## M-MC-2

### GOAL:

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

### PROGRAM ACTIVITIES:

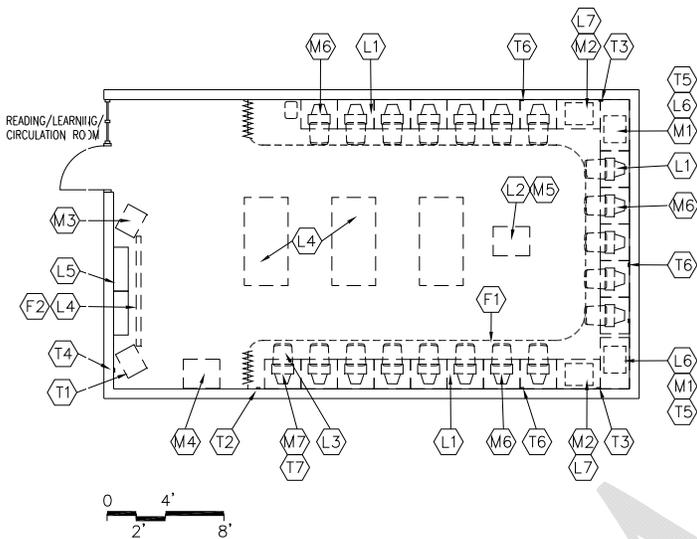
- Video creation/production
- Voice over/dubbing
- Creative writing
- Closed circuit TV production
- Newspaper production
- Scanning
- Digitizing

### SPATIAL RELATIONSHIP:

- Adjacent and access to Reading/Learning/Circulation Room

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting with an appropriate visual comfort level
- 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



### CAPACITY:

- 15 students
- 2 teachers
- Community (after hours)

### SIZE:

- Varies, see table

### ANCILLARY SPACES:

- Reading/Learning/Circulation Room (M-MC-1)

### NOTES:

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

## Educational Specifications for Brookland Middle School

### MEDIA PRODUCTION AREA M-MC-2

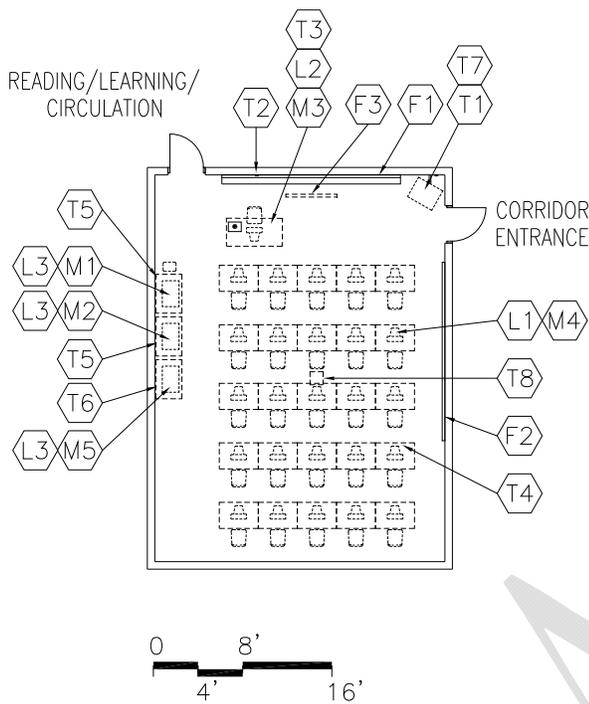
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Carpet	096816	F1 Wall curtains	116143
		F2 Manual projection screen	115213
Base:			
Resilient base	096519		
Ceiling:		<u>Fire Suppression:</u>	Div. 21
Suspended, acoustical	095113	Fire suppression 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 15 computer workstations and chairs		Independent temperature control	
L2 Multimedia cart for teacher use		Air conditioning	
L3 Teacher workstation and chair		<u>Electrical:</u>	Div. 26
L4 Equipment tables		Duplex receptacles	
L5 Adjustable height bookshelves (12 LF)		Multilevel switching	
L6 2 printer tables		TVSS protected quad receptacle adjacent to each data port	
L7 2 scanner tables		Fluorescent lighting	
Wastebasket		Illumination level: See Table 7600-16	
<u>Miscellaneous:</u>		Clock	
M1 2 printers		Central sound system	
M2 2 scanners		<u>Communications<sup>2</sup>:</u>	Div. 27
M3 Video camera/monitor		T1 Video port, monitor, VCR/DVD, and brackets	
M4 Editing equipment		T2 Voice port and phone	
M5 Projection device on cart	Div. 27	T3 2 data ports for scanners	
M6 20 computers for student use		T4 Cable/MATV port (input/output)	
M7 Computer for teacher use		T5 2 data ports for printers	
		T6 20 data ports (min.) for student use on three walls	
		T7 Data port for teacher use	
		<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.

**COMPUTER RESOURCE AREA**

**M-MC-3**



**GOAL:**

- To provide a shared computer resource area for the entire school

**PROGRAM ACTIVITIES:**

- Instruction
- Student work areas
- Interdisciplinary training area
- Research

**SPATIAL RELATIONSHIPS:**

- Adjacent to Academic Core Area
- Adjacent and access to Readers/Learning/Circulation Room
- Near the restrooms for after-hours use
- Access from corridor

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting with an appropriate visual comfort level
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment, placed 30" above floor and recessed floor outlets as appropriate
- Master switch to control power to workstations
- HVAC separate from Media Center
- Adequate ventilation
- Auditory privacy

**CAPACITY:**

- Up to 25 students
- 1 teacher

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Reading/Learning/Circulation Room (M-MC-1)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### COMPUTER RESOURCE AREA M-MC-3

<u>Finishes<sup>1</sup>:</u>	Spec. Ref.#	<u>Features<sup>1</sup>:</u>	Spec. Ref.#
Flooring:		<b>Fixed Equipment:</b>	
Carpet	096816	F1 Marker board (12 LF)	101100
		F2 Tack board (12 LF)	101100
		F3 Manual projection screen	115213
Base:			
Resilient base	096519		
Ceiling:		<b>Fire Suppression:</b>	Div. 21
Suspended, acoustical	095113	Fire suppression system	
Walls:		<b>Plumbing:</b>	
Painted concrete masonry units or dry wall		N/A	
	042000 / 099123		
<b>Loose Furnishings:</b>		<b>HVAC:</b>	Div. 23
L1 25 computer workstations and chairs		Supply/return air system	
L2 Teacher desk and chair		Independent temperature control	
L3 Printer/scanner tables			
Wastebasket		<b>Electrical:</b>	Div. 26
		Duplex receptacles	
<b>Miscellaneous:</b>		TVSS protected quad receptacle adjacent to each data and video port	
M1 Color printer		Multilevel switching	
M2 Black and white printer		Fluorescent lighting with parabolic lenses	
M3 Computer for teacher use		Illumination level: See Table 7600-16	
M4 25 computers for student use		Clock	
M5 Scanner		Central sound system	
Audio enhancement equipment			
		<b>Communications<sup>2</sup>:</b>	Div. 27
		T1 Cable/MATV port	
		T2 Voice port and phone	
		T3 Data port near teacher workstation	
		T4 25 data ports (min.) for student use	
		T5 2 data ports for printer	
		T6 Data port for scanner	
		T7 Video port, monitor, VCR, and brackets	
		T8 Ceiling mounted projector	
		<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.

## Educational Specifications for Brookland Middle School

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### Visual and Performing Arts Space Requirements

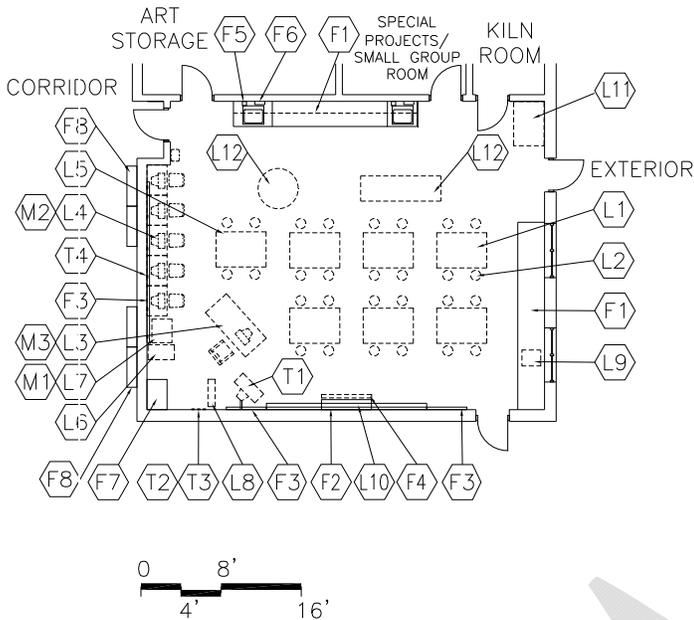
□

Spaces	Suggested			Comments
	Qty.	S.F.	Total	
Art Lab	1	1,300	1,300	
Kiln Room	1	100	100	
Art Storage	1	200	200	
Subtotal			1,600	
Instrumental Rm.	1	1,400	1,400	w/ storage
Performing Arts	1	1,400	1,400	choral/drama – near stage
Riser/chair storage	1	300	300	
Subtotal			3,100	

Music classrooms should be located near the stage to allow for the movement of equipment and to act as a 'backstage' area for performances.

## ART LAB

**E-VA-1**



**CAPACITY:**

- 20-24 students
- 1 teacher
- Student teacher
- Parent volunteers
- Student volunteers

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Kiln Room (E-VA-3)
- Art Storage (E-VA-2)

**SPATIAL RELATIONSHIPS:**

- Centrally located with convenient access to Core Academic classrooms
- Direct access to art patio – with overhang
- Adjacent and access to Kiln Room

**GOALS:**

- To provide an area for students to work on a variety of art projects and to have positive experiences, which include developing confidence, commitment, and a sense of accomplishment
- To explore the manipulation of a variety of materials
- To develop technical and expressive skills
- To become aware of and be able to articulate thoughts about art and its reflection of other societies, cultures, and times
- To provide clean, adequate space in which to store art supplies and student projects

**PROGRAM ACTIVITIES:**

- Drawing, painting, and print making
- Sculpture, model-making, collage, and assembly
- Ceramics-clay (age appropriate)
- Computer graphics and mixed media work
- Guest artist lectures
- Demonstrations
- Viewing prints/slides/movies/art videos
- Research, reading, and writing
- Individual and cooperative group work
- Storage of supplies, projects, and small equipment
- Mixed media work

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting/track and display lighting
- Windows to provide natural light and egress, preferably northern exposure
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Include outlets on the wall above counter spaces in raceway
- Electrical outlets for equipment
- Provide one ceiling hung, retractable electrical outlet
- Window treatment to darken room for AV presentation as required

**NOTES:**

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

# Educational Specifications for Brookland Middle School

## ART LAB

### E-VA-1

### CHAPTER 4: ELEMENTARY SCHOOLS

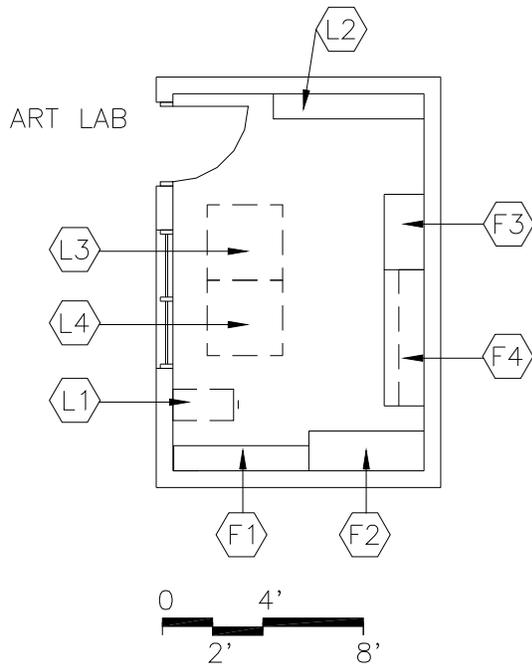
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Quartz tile	096618	F1 Casework:	
Base:		30" high base/wall cabinets near	
Resilient base	096519	sinks	123200
Ceiling (12' high minimum to underside of		Paper storage cabinets	
deck):		F2 Marker board	101100
Exposed structure, painted	099123	16 LF primary	
with acoustical treatment	098400	F5 Tack board flanking marker board	
Walls:		Plus two (2) parallel rows of	
Painted concrete masonry units or dry wall		continuous tack strips on all available	
One tackable wall	042000 / 099123	walls (4 LF or longer) at 30" and 48"	
		AFF	
<u>Loose Furnishings:</u>		F6 Manual projection screen (60"x60")	115213 <sup>3</sup>
L1 12 2-person student work tables		F5 Soap dispenser (at each sink)	102800
L2 24-30 Student chairs		F6 Towel dispenser (at each sink)	102800
L3 Teacher workstation and chair		F7 Casework: Wardrobe	123200
L4 3 computer (laptops) tables and chairs		F8 Display cases	
L6 1, four-drawer file cabinet		<u>Fire Suppression:</u>	Div. 21
L7 Audio visual cart for teacher use		Fire suppression system	
L10 Adjustable height shelves (24 LF) for		<u>Plumbing:</u>	Div. 22
drying 3D objects		Sinks with solids interceptor	
L11 Drying rack (40-80 slats)		2 large, deep sinks	
Flat storage (10 drawers)		Plumbing connections	
Wastebasket		<u>HVAC:</u>	Div. 23
<u>Communications<sup>2</sup>:</u>	Div. 27	Supply/return air system	
T1 Video port, monitor, VCR/DVD,		Independent temperature control	
and bracket		Manually controlled general exhaust	
T2 Voice port and phone		<u>Electrical:</u>	Div. 26
T3 Data port near teacher workstation		Duplex receptacles	
T4 5 data ports for student use		3 per primary teaching wall	
Cable/MATV port		At least 2 per other walls	
Digital white board (optional)		TVSS protected quad receptacle	
<u>Miscellaneous:</u>		adjacent to each data port	
M1 Projection device on cart	Div. 27	Multilevel switching	
M2 3-5 computers for student use		Fluorescent lighting	
M3 Computer for teacher use		Illumination level: See Table 7600-16	
Audio enhancement equipment		Clock	
<u>Electronic Safety and Security:</u>	Div. 28	Central sound system	
Life safety devices per code		Display/track lighting	

#### NOTES:

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

**ART STORAGE**

**E-VA-2**



**GOAL:**

- To provide lockable storage for art supplies, portable equipment, technology, peripherals, and materials

**PROGRAM ACTIVITIES:**

- Storage of equipment and supplies

**SPATIAL RELATIONSHIPS:**

- Direct access to Art Lab
- Visual access from Art Lab

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Electrical outlets for equipment

**CAPACITY:**

- 1 teacher

**SIZE:**

- 150 SF

**ANCILLARY SPACES:**

- Art Lab (E-VA-1)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### ART STORAGE E-VA-2

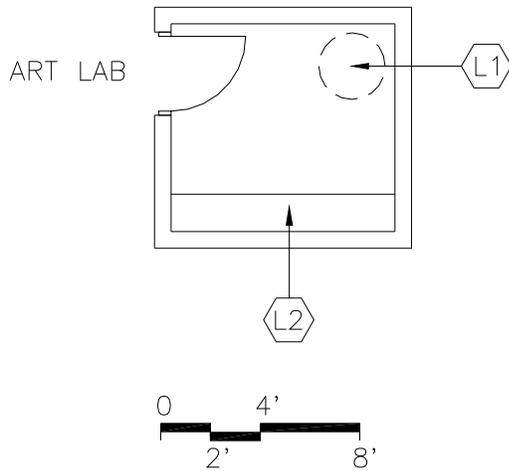
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Storage shelving:	
		18" deep, metal	105613
Base:		F2 Casework:	
Resilient base	096519	Tall cabinet	123200
Ceiling:		F3 Casework:	
Exposed ceiling, painted	099123	Paper storage cabinets	123200
		One cabinet for hazardous materials	
Walls:		<u>Fire Suppression:</u>	Div. 21
Painted concrete masonry units		Fire suppression system	
042000 / 099123		<u>Plumbing:</u>	
		N/A	
<u>Loose Furnishings:</u>		<u>HVAC:</u>	Div. 23
L1 1, four-drawer file cabinet		Supply/return air system	
L2 Greenware shelving (if kiln is used)		Independent temperature Control	
		<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:

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

**KILN ROOM**

**E-VA-3**



**GOALS:**

- To provide an area properly equipped for ceramics
- To provide a space to fire and store completed art work

**PROGRAM ACTIVITIES:**

- Store 3D sculptural work
- House kiln equipment

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Art Lab

**ENVIRONMENTAL CONSIDERATIONS:**

- Ventilation controlled by a thermostat
- Adequate ventilation with vents to the outside for kiln
- Electrical outlets for equipment
- Lighting appropriate to task
- Consider safety in plumbing room layout

**CAPACITY:**

- 1-2 persons

**SIZE:**

- 100 SF

**ANCILLARY SPACES:**

- Art Lab (E-VA-1)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### KILN ROOM E-VA-3

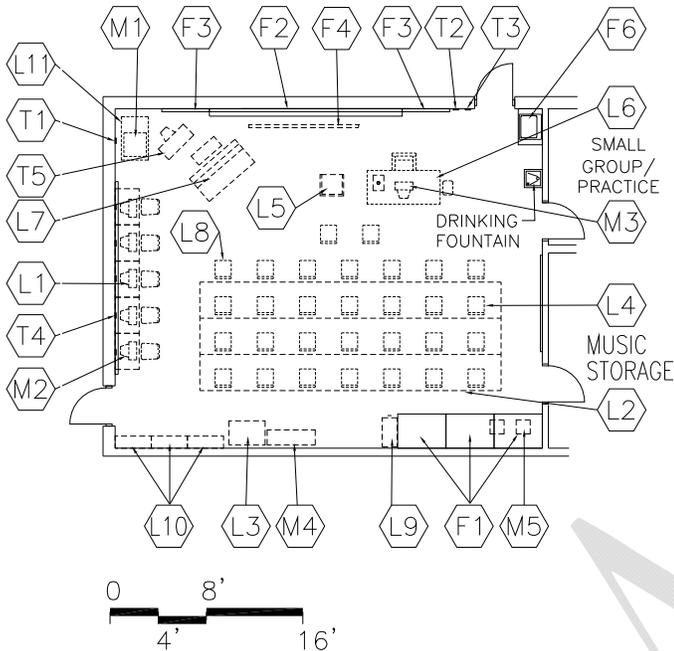
<u>Finishes<sup>1</sup>:</u>	<u>Spec. Ref.#</u>	<u>Features<sup>1</sup>:</u>	<u>Spec. Ref.#</u>
Flooring: Resilient tile flooring	096519	Fixed Equipment: N/A	
Base: Resilient base	096519	<u>Fire Suppression:</u> Fire suppression system	Div. 21
Ceiling: Exposed structure, painted	099123	<u>Plumbing:</u> Floor drain	Div. 22
Walls: Painted concrete masonry units 042000 / 099123		<u>HVAC:</u> Div. 23 Temperature-controlled exhaust Ventilation for kiln	
<u>Loose Furnishings:</u> L1 Kiln (28+ inch opening, 27 inches deep) Furniture and ventilation L2 Greenware shelving Wastebasket		<u>Electrical:</u> Div. 26 Duplex receptacles Electrical connection for kiln 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> Life safety devices per code	Div. 28
		<u>Miscellaneous:</u> N/A	

#### NOTES:

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

## GENERAL MUSIC ROOM

**E-MU-1**



**CAPACITY:**

- 20-24 music students
- 1 teacher
- Parents/volunteers

**SIZE:**

- 1,200 SF

**ANCILLARY SPACES:**

- General Music Storage (E-MU-2)
- Small Group/Practice (E-MU-5)(Optional)

**GOAL:**

- To provide students with the opportunity to explore and develop skills in music through large group, ensemble, and solo experiences

**PROGRAM ACTIVITIES:**

- Listen, analyze, describe, and compose music (stereos, CD players, computers and printer, laser discs)
- Sing alone and with others (solos, duets, trios, ensembles, large groups)
- Guest speakers and performers (solo and ensembles)
- Group instruction (small and large)
- Choral, speech, theatrics (musicals, operas)
- View educational videos for music enrichment
- Extra-curricular after school activities (i.e., Odyssey of the Mind, church groups)

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Music Storage

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting/Theatrical lighting
- Environmental sound control:
  - Wall minimum: STC 50
  - Ceiling minimum: CAC 35
- Sound insulation in walls (extended above ceiling to underside of deck)
- Acoustical wall treatments
- Electrical outlets for equipment
- Adequate ventilation
- Proportion classroom for effective viewing and listening from all areas of the classroom
- Auditory privacy
- Drinking fountain in classroom

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### GENERAL MUSIC ROOM E-MU-1

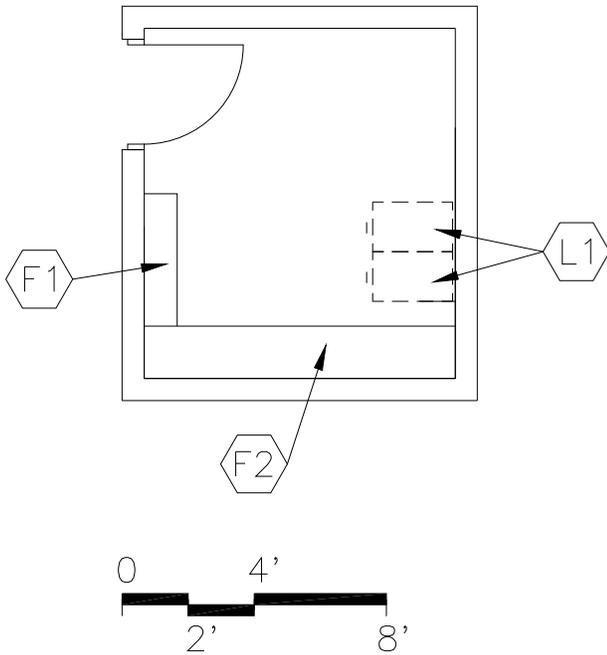
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Carpet	096816	F1 Casework:	
		Paper storage cabinets	123200
Base:		F2 Marker board (16 LF)	
Resilient base	096519	1/2 with music staff bars	101100
		F3 Tack board	101100
Ceiling(10' high minimum):		F4 Manual projection screen	115213
Suspended, acoustical	095113	F5 Casework:	
		Wardrobe	123200
Walls:		F6 Casework:	
Painted concrete masonry units		Sink cabinet	123200
042000 / 099123		<u>Fire Suppression:</u>	Div. 21
		Fire suppression system	
<u>Loose Furnishings:</u>		<u>Plumbing:</u> Div. 22	
L1 5 computer workstations and chairs		Plumbing connections	
L2 Portable choral risers with rails		Drinking fountain	
L3 Mobile A/V cabinet		Sink	
L4 24 music posture chairs		<u>HVAC:</u> Div. 23	
L5 Conductor podium, chair and stand		Supply/return air system	
L6 Teacher desk and chair		Independent temperature control	
L7 Upright piano		<u>Electrical:</u> Div. 26	
Instrument storage		Duplex receptacles	
(see furniture standards)		3 per primary teaching wall	
L9 Four-drawer file cabinet		2 per other walls	
L10 Adjustable height bookshelves (24LF)		TVSS protected quad receptacle	
Wastebasket		adjacent to each data and video port	
		Multilevel switching	
<u>Communications<sup>2</sup>:</u>	Div. 27	Fluorescent lighting	
T1 Cable/MATV port		Illumination level: See Table 7600-16	
T2 Voice port and phone		Theatrical lighting	
T3 Data port near teacher workstation		Clock	
T4 5 data ports (minimum) for student use		Central sound system	
T5 Video port, monitor, VCR/DVD, and brackets		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
<u>Miscellaneous:</u>			
M1 Projection device on cart	Div. 27		
M2 5 computers for student use			
M3 Computer teacher use			
M4 MIDI synthesizer			
M5 A/V recording/playback equipment			

#### NOTES:

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

**GENERAL MUSIC STORAGE**

**E-MU-2**



**GOAL:**

- To provide adequate storage for choral risers, accessories, and equipment

**PROGRAM ACTIVITIES:**

- Storage and simple repair of accessories and equipment

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to General Music Room

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Electrical outlets

**CAPACITY:**

- Students
- Teachers

**SIZE:**

- 150 SF – 200 SF

**ANCILLARY SPACES:**

- General Music Room (E-MU-1)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

<b>GENERAL MUSIC STORAGE</b>		<b>E-MU-2</b>	
	<u>Spec. Ref.#</u>		
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Storage shelving: 12" deep	105613
Base:		F2 Storage shelving: 18" deep	105613
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
L1 2, four-drawer file cabinet (legal size)		Supply/return air system	
		<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:**

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

## Educational Specifications for Brookland Middle School

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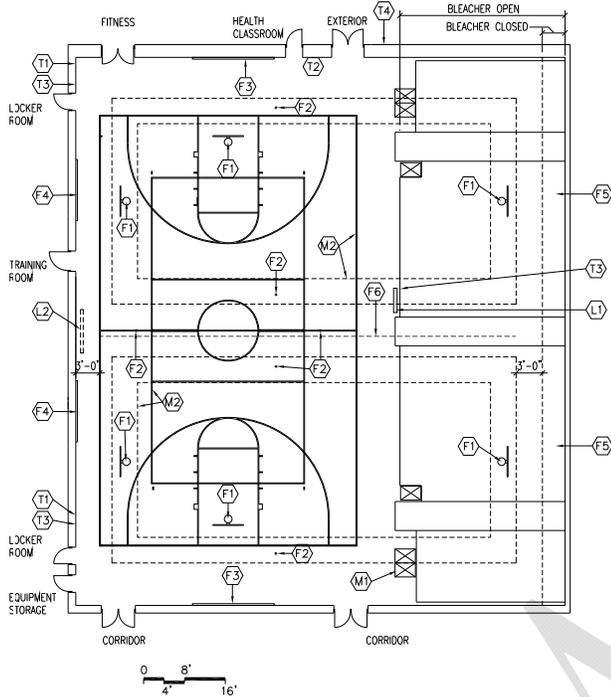
### Physical Education

Spaces	Suggested			Comments
	Quantity	S.F.	Total	
Gymnasium	1	6,500	6,500	
Storage	1	400	400	
Locker Rooms	2	750	1500	w/ bathrooms
Office	2	150	300	
Uniform Storage	1	250	250	
Coach Office	1	120	120	
Fitness	1	800	800	
<b>Total</b>			<b>9,870</b>	

DRAFT

## MULTIPURPOSE GYMNASIUM

**M-PEH-1**



Please see page 5105-5 for an enlargement of this diagram.

### CAPACITY:

- Students
- Teachers and staff
- Members of the community (after hours)

### ANCILLARY SPACES:

- Health Classroom (M-PEH-3)
- Locker Rooms/Showers (M-PEH-4)
- Equipment Storage (M-PEH-6)

### GOAL:

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

### PROGRAM ACTIVITIES:

- Physical education classes
- Interscholastic competition and daily practices
- Fitness
- Community programs and activities

### SPATIAL RELATIONSHIPS:

- Adjacent and access to Fitness
- Adjacent and access to Health Classroom
- Adjacent and access to Locker Rooms/Showers
- Adjacent and access to Equipment Storage
- Near public toilets
- Near visitor parking
- Near outdoor play fields

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate sound control/acoustics
- Clear height of 25' from floor to nearest obstruction
- Environmental sound control:  
Wall minimum: STC 50
- Floor marked for various courts: volleyball, basketball, badminton, tennis
- Must be able to isolate Multipurpose Gymnasium from the rest of the school after hours
- Electrical outlets for equipment
- Drinking fountains in adjacent areas
- Capacity of bleachers shall be minimum of the student capacity plus staff
- Lighting should not add considerable heating load to gymnasium

### NOTES:

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

## Educational Specifications for Brookland Middle School

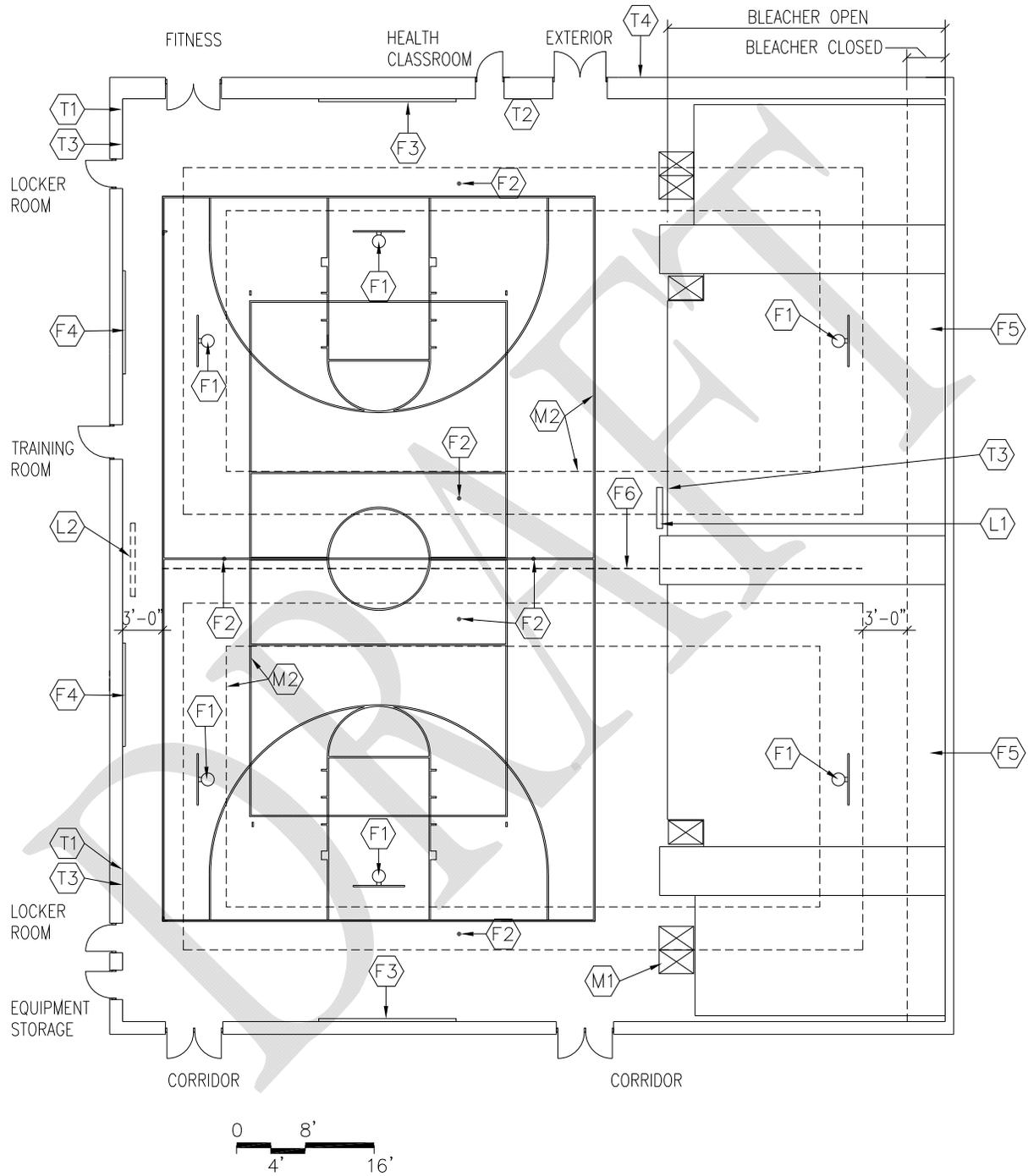
### MULTIPURPOSE GYMNASIUM

	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		<u>Fixed Equipment:</u>	
Athletic wood flooring	096466	F1 Basketball backstops, adjustable height (ceiling hung or portable)	116600
Base:		F2 Volleyball sleeves and standards	116600
Ventilated resilient base	096466	F3 Safety wall wainscot	116600
Ceiling:		F4 Tack boards (32 LF)	101100
Painted exposed structure or Acoustical metal deck	099123	F5 Telescoping bleachers with scorer's table	126600
Walls:		F6 Gymnasium divider curtain	116600
Painted concrete masonry units	042000 / 099123	<u>Fire Suppression:</u>	Div. 21
Sound absorbing concrete masonry units on 2 walls (minimum)	042000	Fire suppression system	
<u>Loose Furnishings:</u>		Preaction sprinkler system	
L1 Scorer table		<u>Plumbing:</u>	
(additional location for flexibility)		N/A	
L2 Scoreboard and control panel		<u>HVAC:</u>	Div. 23
<u>Miscellaneous:</u>		Supply/return air system	
M1 Handicapped seating		Independent temperature control	
M2 Court markings (minimum)		<u>Electrical:</u>	Div. 26
84' x 50' main basketball court, 2 cross courts to fit		Duplex receptacles	
Regulation volleyball court, 2 cross courts to fit		Electrical connections to P.E. equipment where necessary	
<u>Communications<sup>2</sup>:</u>	Div. 27	Single-level switching	
T1 Microphone port		TVSS protected quad receptacle adjacent to each data and video port	
T2 Voice port and phone		High intensity discharge lighting	
T3 Ports for sound system		Means of egress lighting per code	
T4 Outside microphone port		Clocks with wire guards	
		Scoreboard (control outlets in the face of bleachers and opposite wall)	
		Central sound system	
		Gymnasium sound system	
		Provide wire guards on light fixtures and electrical devices.	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

#### NOTES:

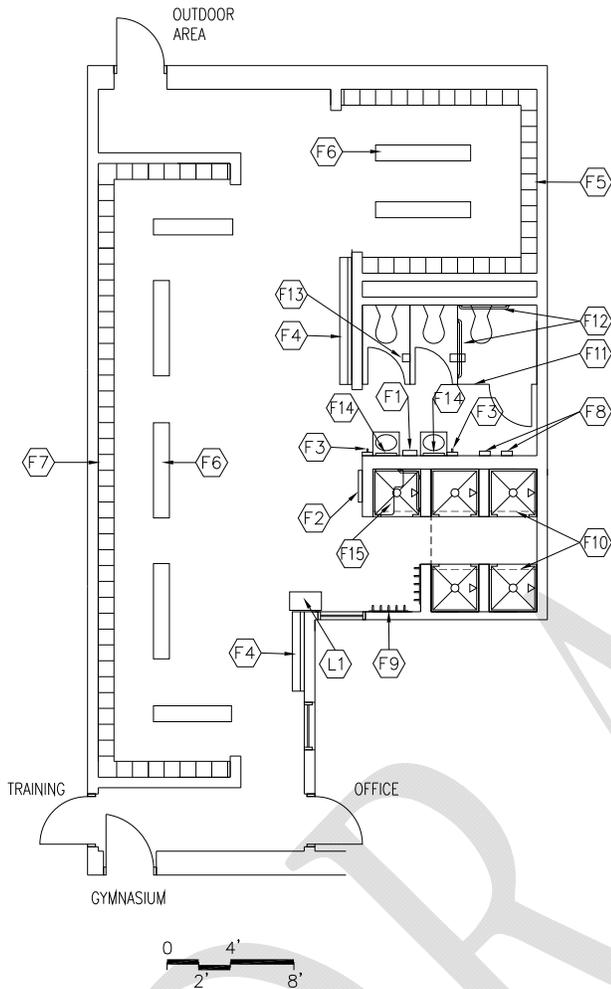
1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications — Technology, Section 1240.

# Educational Specifications for Brookland Middle School



**LOCKER ROOMS / SHOWERS**

**M-PEH-4**



**GOAL:**

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

**PROGRAM ACTIVITIES:**

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

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to gymnasium and outdoor area
- Located on gymnasium level
- Adjacent and access to office
- Provide blind condition at entry points

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Cleanable building surfaces
- Adequate ventilation and exhaust
- Handicapped accessible
- Towel storage in adjacent area

**CAPACITY:**

- 10-20 students
- Others as appropriate

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Multipurpose Gymnasium (M-PEH-1)
- Office (M-PEH-5)

**NOTES:**

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

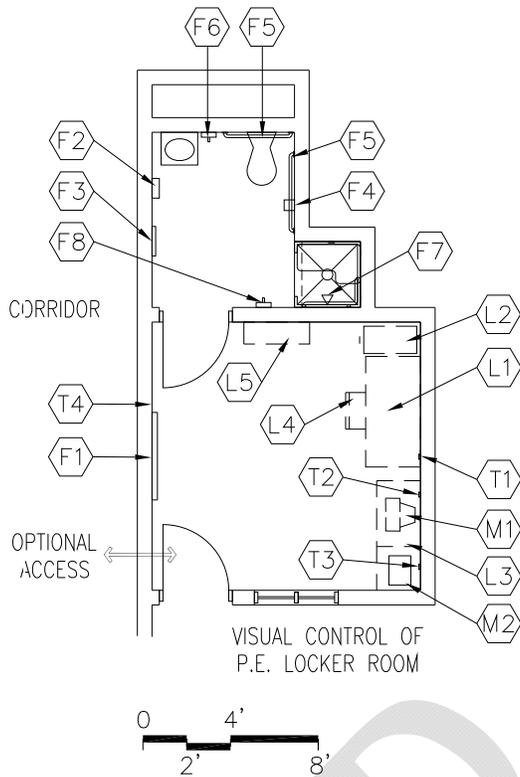
## Educational Specifications for Brookland Middle School

### LOCKER ROOMS / SHOWERS M-PEH-4

	Spec.		Spec.
<u>Finishes</u> <sup>1:</sup>	<u>Ref.#</u>	<u>Features</u> <sup>1:</sup>	<u>Ref.#</u>
Flooring:		<b>Fixed Equipment:</b>	
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	064123
Ceiling:		F5 Athletic/PE lockers (30)	105113
Lockers: Acoustical, suspended	095113	F6 Locker benches	105113
tectum with hold down clips		F8 Hand dryer	
Painted portland cement plaster		F9 Towel hooks	102800
096613 / 099123		F10 Shower curtain and rod	102800
Walls:		F11 Toilet partitions	102113
Lockers: Epoxy painted concrete		F12 36" x 42" grab bars	102800
masonry units	042000 / 099123	F13 Toilet tissue holders	102800
Toilet/Showers: Ceramic tile	093013	F15 ADA shower accessories	102800
<u>Loose Furnishings:</u>		<u>Fire Suppression:</u>	Div. 21
L1 Hamper		Fire suppression system	
<u>Electrical:</u> Div. 26		<u>Plumbing:</u> Div. 22	
Duplex receptacles on perimeter		Plumbing connections (two private showers	
walls		only)	
Single-level switching		Wall-mounted water closets	
Fluorescent lighting		Wall-mounted lavatories	
Illumination level: See Table 7600-16		Wall-mounted urinals	
Means of egress per code		ADA shower controls and head	
Clock		Shower fixtures (2)	
Central sound system		Floor drains - in locker area, toilet area, and	
<u>Communications:</u>		showers	
N/A		<u>HVAC:</u> Div. 23	
<u>Electronic Safety and Security:</u>	Div. 28	Supply/return air system	
Life safety devices per code		Exhaust air system	
		Independent temperature	
		controls	
		Humidity controls	
		<u>Miscellaneous:</u>	
		N/A	

**P.E. OFFICE**

**M-PEH-5**



**GOAL:**

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

**PROGRAM ACTIVITIES:**

- Ordering
- Scheduling
- Planning
- Maintaining records
- Meetings
- Visual control of P.E. Locker Room

**SPATIAL RELATIONSHIP:**

- Adjacent and access to Locker Rooms/Shower

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 450  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light, desirable
- Auditory privacy

**CAPACITY:**

- 1-2 teachers, student teachers

**SIZE:**

- 150 SF

**ANCILLARY SPACES:**

- Locker Rooms/Shower (M-PEH-4)

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.
2. Provide P.E. Office for both men and women.

## Educational Specifications for Brookland Middle School

### P.E. OFFICE M-PEH-5

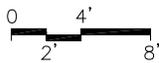
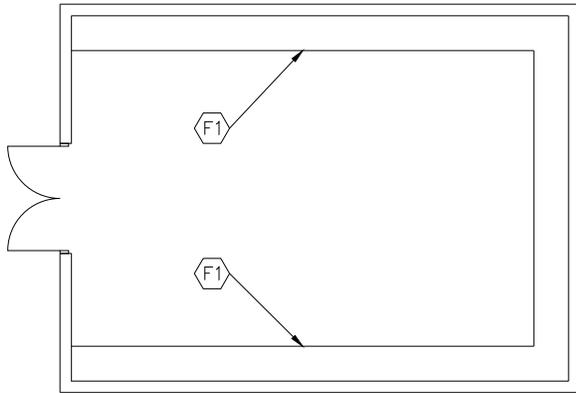
<u>Finishes<sup>1</sup>:</u>	<u>Spec. Ref.#</u>	<u>Features<sup>1</sup>:</u>	<u>Spec. Ref.#</u>
<b>Flooring:</b>		<b>Fixed Equipment:</b>	
Office: Vinyl composition tile	096519	F1 Tack board (4 LF)	101100
Toilet: Ceramic mosaic tile	093013	F2 Towel dispenser	102800
		F3 24" x 60" mirror	102800
<b>Base:</b>		F4 Toilet tissue holder	102800
Office: Resilient base	096519	F5 36" and 42" grab bars	102800
Toilet: Ceramic mosaic tile base with covered base	093013	F6 Soap dispenser	102800
		F7 ADA shower accessories	102800
<b>Ceiling:</b>		F8 Towel hook	102800
Acoustical, suspended	05113		
<b>Walls:</b>		<b>Fire Suppression:</b>	
Painted concrete masonry units		Fire suppression system	Div. 21
042000 / 099123			
Epoxy painted concrete masonry units at restroom	042000 / 099123	<b>Plumbing:</b>	
		Plumbing connections	Div. 22
		Wall mounted lavatory	
		Wall mounted water closet	
		Shower	
		Floor drains - in shower and restroom	
<b>Loose Furnishings:</b>		<b>HVAC:</b>	
L1 Desk		Supply/return air system	Div. 23
L2 Four-drawer file cabinet		Independent temperature control	
L3 Computer workstation			
L4 Ergonomic task chair		<b>Electrical:</b>	
L5 Adjustable height bookshelves (12 LF) Wastebasket		Duplex receptacles	Div. 26
		Single-level switching	
		TVSS protected quad receptacle adjacent to data port	
		Fluorescent lighting	
		illumination level: See Table 7600-16	
		Central sound system	
<b>Miscellaneous:</b>		<b>Communications<sup>2</sup>:</b>	
M1 Computer		T1 Voice port and phone	Div. 27
		T2 Data port near teacher workstation	
		T3 Data port for printer	
		<b>Electronic Safety and Security:</b>	
		Life safety devices per code	Div. 28

### NOTES:

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

**EQUIPMENT (Chair) STORAGE**

**M-PEH-6**



**GOAL:**

- To provide space to adequately store all equipment and supplies for physical education
- To provide space for 120 folding chairs and 10 folding tables

**PROGRAM ACTIVITY:**

- Storage for equipment

**SPATIAL RELATIONSHIP:**

- Adjacent and access to Multipurpose Gymnasium

**ENVIRONMENTAL CONSIDERATION:**

- Uniform lighting

**CAPACITY:**

- 1-2 student teachers
- 1-2 teachers

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Multipurpose Gymnasium (M-PEH-1)

**NOTES:**

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

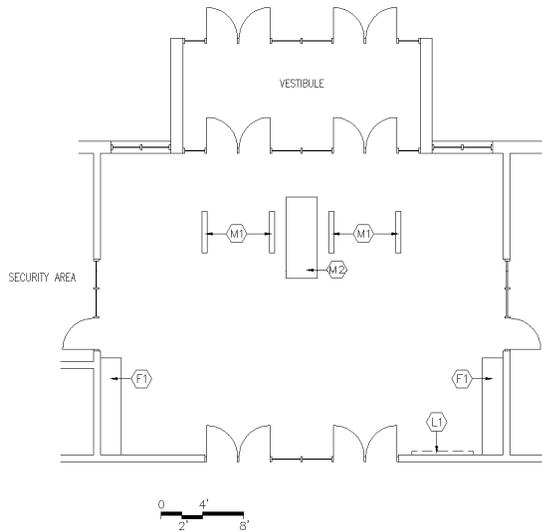


## Educational Specifications for Brookland Middle School

### Administration/Student Support Services Space Requirements

Spaces	Suggested			Comments
	Qty.	S.F.	Total	
Entrance Lobby	1	350	350	Includes security desk
Welcome Center	1	400	400	Welcoming Area, work area for Administrative Asst.
Conference Room	1	250	250	
Principal's Office	1	230	230	
Assistant Principal's Office	2	125	250	
Administrative Workroom/Mail rm	1	200	200	
Telecom Head End Room	1	200	200	
Toilet	1	50	50	
<b>Health Suite</b>				
Waiting/Treatment	1	180	180	
Office	1	120	120	
Cots	1	75	150	2 separated by curtain
Storage	1	25	25	
Toilet	1	50	50	
Book Storage	1	300	300	
Supply Storage	1	150	150	
Staff Lounge	1	600	600	Includes staff toilet
Parent Resources Center	1	300	300	
<b>Student Services Suite</b>				
Attendance/Registrar	1	200	200	
Counselor	2	150	300	
Records storage	1	200	200	
Conference Rm	1	175	175	
<b>Total</b>			<b>4,680</b>	

## ENTRANCE LOBBY M-AD-1



### GOAL:

- To serve as a check-in and checkpoint for non-school visitors

### PROGRAM ACTIVITIES:

- Check-in/out visitors
- Monitor main entrance to school
- Workstation for security officer

### SPATIAL RELATIONSHIPS:

- A portion of the lobby
- Adjacent to Welcome Center

### ENVIRONMENTAL CONSIDERATIONS:

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

### CAPACITY:

- Security officer

### ANCILLARY SPACES:

- Welcome Center (M-AD-2)

### NOTES:

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

## Educational Specifications for Brookland Middle School

### ENTRANCE LOBBY M-AD-1

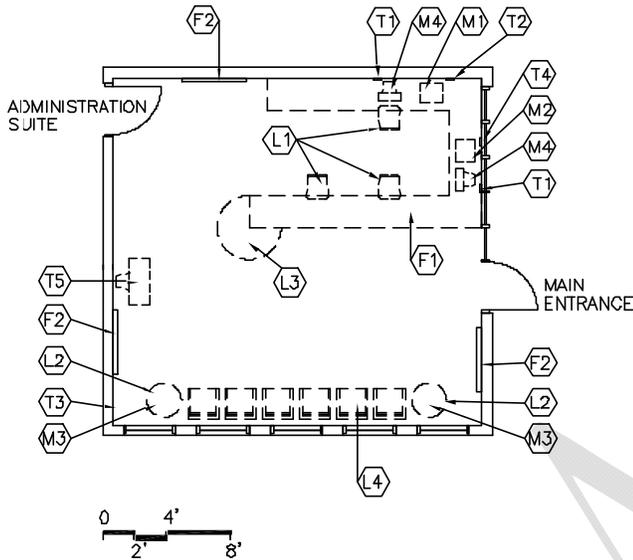
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Fritz tile	096519	F1 Display cases	101100
Base:		<u>Fire Suppression:</u>	Div. 21
Terrazzo	096613	Fire suppression system	
Resilient base	096519		
Ceiling:		<u>Plumbing:</u>	
Painted, portland cement plaster	092400 / 099123	N/A	
Suspended, acoustical	096519		
Walls:		<u>HVAC:</u>	Div. 23
Painted concrete masonry		Supply/return air system	
Units	042000 / 099123		
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
L1 Electronic bulletin board		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Duplex receptacles	
		TVSS protected quad receptacle	
		adjacent to data port	
		Central sound system	
		Clock	
		<u>Communications<sup>2</sup>:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		M1 Metal detector	
		M2 X-ray equipment	

#### NOTES:

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

**WELCOME CENTER**

**M-AD-2**



**GOAL:**

- To provide a space designed to help students and the public feel welcome and to provide easily accessed information

**PROGRAM ACTIVITIES:**

- Greeting visitors
- Waiting for students or staff
- Student waiting/pick up area
- Workstation for administrative assistant

**SPATIAL RELATIONSHIPS:**

- Located within the main administrative area
- Centrally located to administrative area
- Near public restrooms
- Maximize view to the exterior and lobby

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting, areas of soft lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Adequate ventilation
- Electrical outlets for equipment
- Administration areas should be zoned for year around use

**CAPACITY:**

- Administrative assistant
- Visitors/parents
- Students

**SIZE:**

- Varies, see table

**ANCILLARY SPACE:**

N/A

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### WELCOME CENTER M-AD-2

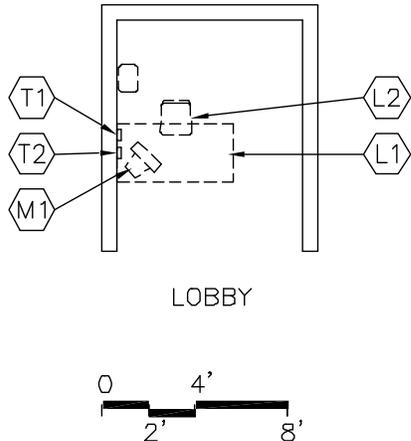
<u>Finishes<sup>1</sup>:</u>	Spec. <u>Ref.#</u>	<u>Features<sup>1</sup>:</u>	Spec. <u>Ref.#</u>
Flooring: Carpet	096816	Fixed Equipment: F1 Reception counter F2 Tack board (12 LF)	064123 101100
Base: Resilient base	096519		
Ceiling: (8' high minimum) Suspended, acoustical	095113	<u>Fire Suppression:</u> Fire suppression system	Div. 21
Walls: Painted gypsum wallboard over metal studs	092116 / 099123	<u>Plumbing:</u> N/A	
<u>Loose Furnishings:</u> L1 2 ergonomic task chairs L2 2 end tables L3 Information kiosk/display L4 4-6 lounge chairs Wastebasket		<u>HVAC:</u> Div. 23 Supply/return air system Independent temperature control	
<u>Miscellaneous:</u> M1 Fax M2 Printer M3 Table lamps M4 2 computers		<u>Electrical:</u> Duplex receptacles TVSS protected quad receptacle adjacent to each data port Single-level switching Fluorescent lighting Illumination level: See Table 7600-16 Central sound system	Div. 26
		<u>Communications<sup>2</sup>:</u> T1 2 voice ports and phones at workstations T2 Fax port T3 Voice port and phone at waiting area T4 1 data port for printer T5 Video port, monitor, VCR/DVD, and brackets Cable/MATV port (in waiting area)	Div. 27
		<u>Electronic Safety and Security:</u> 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.

**SECURITY AREA**

**M-AD-3**



**GOAL:**

- To serve as a check-in and checkpoint for non-school visitors

**PROGRAM ACTIVITIES:**

- Check-in/out visitors
- Monitor main entrance to school
- Workstation for security officer

**SPATIAL RELATIONSHIPS:**

- Adjacent to each entrance lobby / security checkpoint

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Recessed electrical outlets located in the floor

**CAPACITY:**

- Security officer

**SIZE:**

- 100 SF

**ANCILLARY SPACE:**

N/A

**NOTES:**

2. Loose furnishings and features shown represent one of many possible arrangements.
2. Note: It may be required to have more than one desk location at each checkpoint for each security checkpoint of the school.

## Educational Specifications for Brookland Middle School

### SECURITY AREA M-AD-3

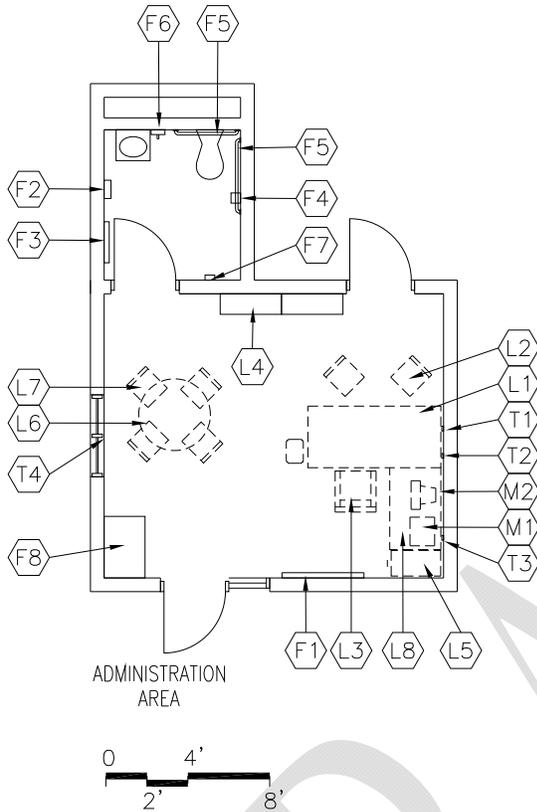
<u>Finishes<sup>1</sup>:</u>	<u>Spec. Ref.#</u>	<u>Features<sup>1</sup>:</u>	<u>Spec. Ref.#</u>
Flooring: Coordinate with entrance lobby finishes		Fixed Equipment: N/A	
Base: Coordinate with entrance lobby finishes		<u>Fire Suppression:</u> Fire suppression system	Div. 21
Ceiling: Coordinate with entrance lobby finishes		<u>Plumbing:</u> N/A	
Walls: Coordinate with entrance lobby finishes		<u>HVAC:</u> Div. 23 Supply/return air system Independent temperature control	
<u>Loose Furnishings:</u> L1    Desk with lockable file drawer and pencil drawer L2    Ergonomic task chair Wastebasket		<u>Electrical:</u> Div. 26 Duplex receptacles TVSS protected quad receptacle 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> T1    Voice port and phone T2    Data port near workstation	Div. 27
		<u>Electronic Safety and Security:</u> Life safety devices per code	Div. 28
		<u>Miscellaneous:</u> M1    Computer	

#### NOTES:

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

**PRINCIPAL'S OFFICE**

**M-AD-5**



**GOAL:**

- To provide an office for the principal to give instructional leadership in a personal and organized environment for students, staff, and community

**PROGRAM ACTIVITIES:**

- Conferences with students, parents, teachers, staff, and visitors
- Curriculum development
- Research and planning
- Telephone communications
- Dealing with personnel issues
- Coordination of school and support services

**SPATIAL RELATIONSHIPS:**

- Near building entrance
- Near Administrative Assistant
- Adjacent and access to Conference Room
- Door not facing Health Clinic

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting, appropriate to task
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light
- One area should be child-scaled and friendly for working with individual students
- Back door to secondary corridor, desirable
- Auditory privacy

**CAPACITY:**

- Principal

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Conference Room (M-AD-4)
- Individual Restroom

**NOTES:**

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

## Educational Specifications for Brookland Middle School

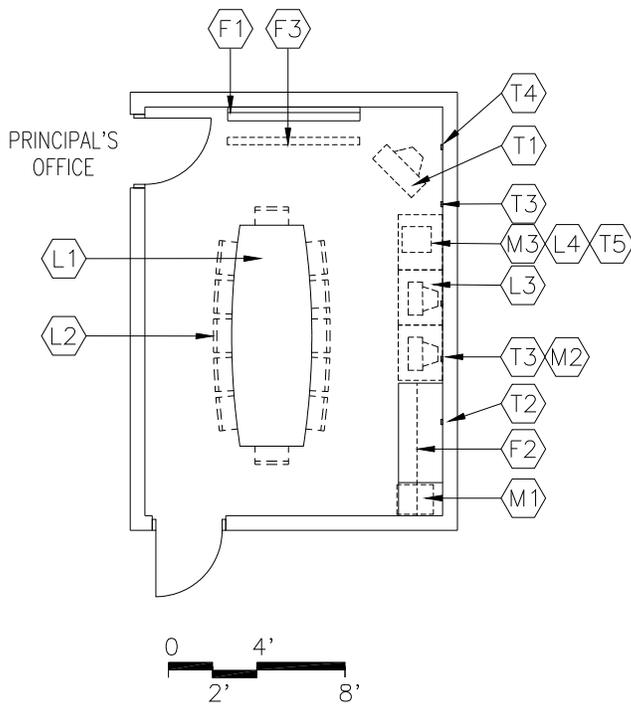
<b>PRINCIPAL'S OFFICE</b>		<b>M-AD-5</b>	
	<u>Spec. Ref.#</u>		
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Office: Carpet	096816	F1 Tack board (4 LF)	101100
Toilet: Ceramic tile	093013	F2 Towel dispenser	102800
		F3 24" x 60" mirror	102800
Base:		F4 Toilet tissue holder	102800
Resilient base	096816	F5 36" and 42" grab bars	102800
Toilet: Ceramic tile base	093013	F6 Soap dispenser	102800
		F7 Coat hook	102800
Ceiling: (8' high minimum)		F8 Casework:	
Suspended, acoustical	095113	Teacher wardrobe	103200
Walls:		<u>Fire Suppression:</u>	Div. 21
Painted gypsum wallboard over metal studs	092116 / 099123	Fire suppression system	
<u>Loose Furnishings:</u>		<u>Plumbing:</u>	Div. 22
L1 Desk		Wall-mounted water closet	
L2 2 visitor chairs		Wall-mounted lavatory	
L3 Ergonomic task chair		Plumbing connections	
L4 Adjustable height bookshelves (12 LF)		Floor drain	
L5 Four-drawer file cabinet		<u>HVAC:</u>	Div. 23
L6 Conference table		Supply/return air system	
L7 4 chairs		Independent temperature control	
L8 Computer workstation		Exhaust air system	
Wastebasket		<u>Electrical:</u>	Div. 26
<u>Miscellaneous:</u>		Duplex receptacles	
M1 Printer		TVSS protected quad receptacle adjacent to each data and video port	
M2 Computer		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		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	
		T4 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 – CommunicationsTechnology, Section 1240.

**CONFERENCE ROOM**

**M-AD-4**



**GOAL:**

- To provide a place for administrative conferences or meetings

**PROGRAM ACTIVITY:**

- Conferences with staff, students, parents, and visitors

**SPATIAL RELATIONSHIPS:**

- Near Welcome Center
- Centrally located within Administrative Area
- Adjacent and access to Principal's Office

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting, appropriate to task
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 40
- Electrical outlets for equipment
- Windows to provide natural light, desirable
- Auditory privacy

**CAPACITY:**

- Staff
- Students
- Parents
- Visitors

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Principal's Office (M-AD-5)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### CONFERENCE ROOM M-AD-4

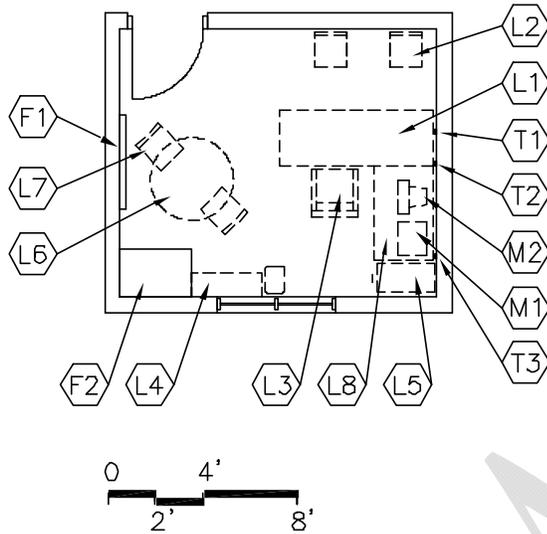
<u>Finishes<sup>1</sup>:</u>	<u>Spec. Ref.#</u>	<u>Features<sup>1</sup>:</u>	<u>Spec. Ref.#</u>
Flooring: Carpet	096816	Fixed Equipment: F1 Marker board (6 LF)	101100
Base: Resilient base	096519	F2 Casework: Base/wall cabinets (6 LF)	123200
Ceiling: (8' high minimum) Suspended, acoustical	095113	F3 Manual projection screen	115213
Walls: Painted gypsum wallboard over metal studs	092116 / 099123	<u>Fire Suppression:</u> Fire suppression system	Div. 21
<u>Loose Furnishings:</u> L1 Conference table L2 12 chairs L3 2 computer workstations L4 Printer table Wastebasket		<u>Plumbing:</u> N/A	
<u>Miscellaneous:</u> M1 Under-counter refrigerator M2 2 computers M3 Printer		<u>HVAC:</u> Supply/return air system Independent temperature control	Div. 23
		<u>Electrical:</u> Duplex receptacles TVSS protected quad receptacle adjacent to each data and video port Multilevel switching Fluorescent lighting Illumination level: See Table 7600-16 Clock Central sound system	Div. 26
		<u>Communications<sup>2</sup>:</u> T1 Video port, monitor, VCR/DVD, and bracket T2 Voice port and phone T3 2 data ports T4 Cable/MATV port T5 1 data port for printer	Div. 27
		<u>Electronic Safety and Security:</u> 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.

**ASSISTANT PRINCIPAL'S OFFICE**

**M-AD-6**



**GOAL:**

- To provide an office for the assistant principal to perform administrative functions

**PROGRAM ACTIVITIES:**

- Conferences with parents
- Student interaction
- Conferences with individual teachers or small groups
- Telephone communications (private)
- Research and planning
- Coordination of school and support services

**SPATIAL RELATIONSHIPS:**

- May be located near Academic Core Area for supervision or in administration suite

**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

**CAPACITY:**

- Assistant principal

**SIZE:**

- 150 SF

**ANCILLARY SPACES:**

N/A

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### ASSISTANT PRINCIPAL'S OFFICE M-AD-6

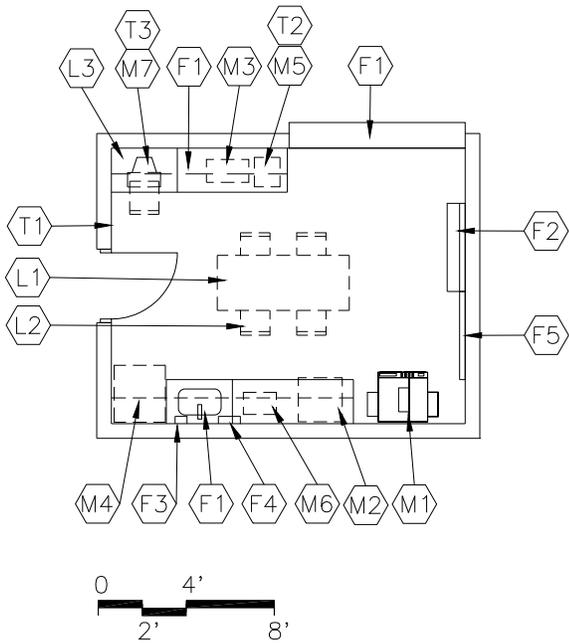
<u>Finishes<sup>1</sup>:</u>	Spec. <u>Ref.#</u>	<u>Features<sup>1</sup>:</u>	Spec. <u>Ref.#</u>
Flooring: Carpet	096816	Fixed Equipment: F1 Tack board (4 LF)	101100
Base: Resilient base	096519	F2 Casework: Teacher wardrobe	103200
Ceiling: (8' high minimum) Suspended, acoustical	095113	<u>Fire Suppression:</u> Fire suppression system	Div. 21
Walls: Painted gypsum wallboard over metal studs	092116 / 099123	<u>Plumbing:</u> N/A	
<u>Loose Furnishings:</u> L1 Desk L2 2 visitor chairs L3 Ergonomic task chair L4 Adjustable height bookshelves (12 LF) L5 Four-drawer file cabinet L6 Conference table L7 2 chairs L8 Computer workstation Wastebasket		<u>HVAC:</u> Supply/return air system Independent temperature control	Div. 23
		<u>Electrical:</u> Duplex receptacles TVSS protected quad receptacle adjacent to data and video port Single-level switching Fluorescent lighting Illumination level: See Table 7600-16 Central sound system	Div. 26
		<u>Communications<sup>2</sup>:</u> T1 Voice port and phone T2 Data port near workstation T3 Data port for printer	Div. 27
		<u>Electronic Safety and Security:</u> Life safety devices per code	Div. 28
		<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.

**ADMINISTRATIVE WORKROOM**

**M-AD-8**



**GOAL:**

- To provide an area for office production activities

**PROGRAM ACTIVITIES:**

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

**SPATIAL RELATIONSHIPS:**

- Near Welcome Center
- Adjacent to Mailroom (connects via mail slots)

**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

**CAPACITY:**

- Secretaries and administrators
- Volunteers
- Staff

**SIZE:**

- 200 SF

**ANCILLARY SPACES:**

- N/A

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### ADMINISTRATIVE WORKROOM M-AD-8

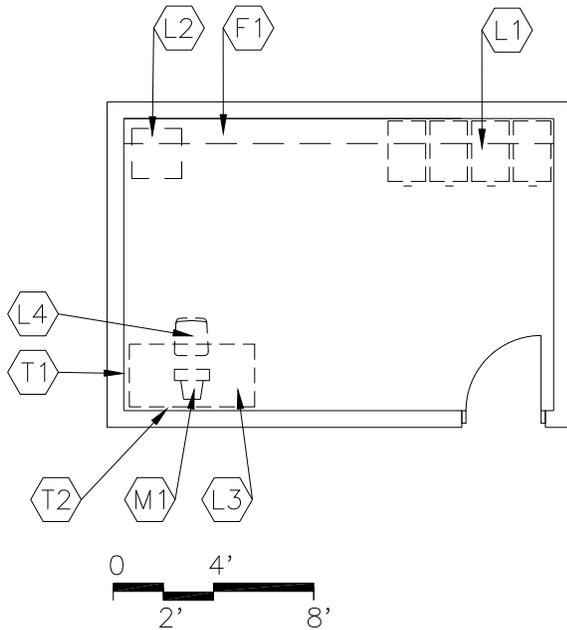
<u>Finishes<sup>1</sup>:</u>	Spec. <u>Ref.#</u>	<u>Features<sup>1</sup>:</u>	Spec. <u>Ref.#</u>
Flooring: Vinyl composition tile	096519	Fixed Equipment: F1 Casework: Base/wall cabinets and shelving	123200
Base: Resilient base	096519	F2 Marker board (4 LF)	101100
Ceiling: (8' high minimum) Suspended, acoustical	095113	F3 Soap dispenser	102800
Walls: Painted gypsum wallboard over metal studs	092116 / 099123	F4 Towel dispenser	102800
		F5 Tack board (4 LF)	101100
<u>Loose Furnishings:</u>		<u>Fire Suppression:</u>	Div. 21
L1 Work table		Fire suppression system	
L2 4 chairs		<u>Plumbing:</u>	Div. 22
L3 Computer workstation		Plumbing connections	
Wastebasket		Hook-up for ice maker, sink, single/deep bowl	
<u>Miscellaneous:</u>		<u>HVAC:</u>	Div. 23
M1 Copier		Supply/return air system	
M2 Paper cutter		Independent temperature control	
M3 Laminating machine		<u>Electrical:</u>	Div. 26
M4 Refrigerator with ice maker		Duplex receptacles	
M5 Printer		Raceway above countertop	
M6 Microwave		TVSS protected quad receptacle adjacent to each data port	
M7 Computer		Single-level switching	
<u>Communications<sup>2</sup>:</u>	Div. 27	Fluorescent lighting	
T1 Voice port and phone		Illumination level: See Table 7600-16	
T2 Data port for printer		Dedicated receptacle for copier	
T3 Data port near workstation		Clock	
<u>Electronic Safety and Security:</u>	Div. 28	Central sound system	
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.

**RECORDS ROOM**

**M-AD-10**



**GOAL:**

- To provide secure, fireproof, and adequate storage for money, records, and other valuable items

**PROGRAM ACTIVITIES:**

- Storing of money and other valuable items
- Storage of files and records

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Administrative Workroom
- Near Data Entry Office

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Security

**CAPACITY:**

- Secretaries
- Staff

**SIZE:**

- Varies, see table

**ANCILLARY SPACE:**

- Administrative Workroom (M-AD-8)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

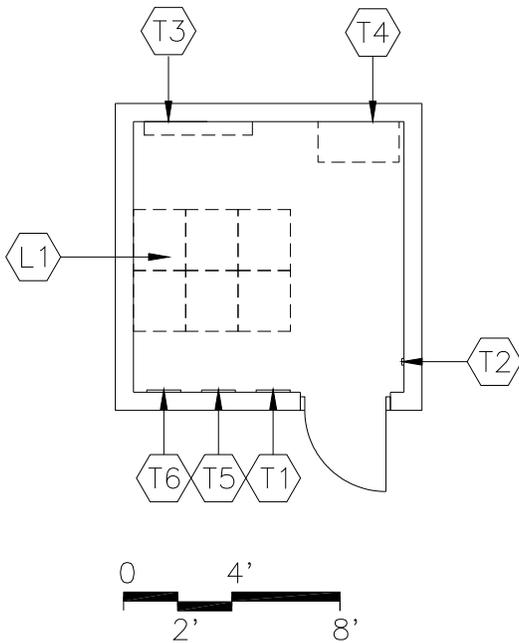
### RECORDS ROOM M-AD-10

<u>Finishes<sup>1</sup>:</u>	Spec. <u>Ref.#</u>	<u>Features<sup>1</sup>:</u>	Spec. <u>Ref.#</u>
Flooring: Vinyl composition tile	096519	Fixed Equipment: F1 Casework: Wall shelving	123200
Base: Resilient base	096519	<u>Fire Suppression:</u> Fire suppression system	Div. 21
Ceiling: Suspended, acoustical	095113	<u>Plumbing:</u> N/A	
Walls: Painted concrete masonry units	042000 / 099123	<u>HVAC:</u> Exhaust air system	Div. 23
<u>Loose Furnishings:</u> L1 4, four-drawer file cabinets (fireproof) L2 Small safe L3 Small table L4 Chair Wastebasket		<u>Electrical:</u> Duplex receptacles TVSS protected quad receptacle adjacent to each data port Single-level switching Fluorescent lighting Illumination level: See Table 7600-16	Div. 26
		<u>Communications<sup>2</sup>:</u> T1 Voice port and phone T2 Data port	Div. 27
		<u>Electronic Safety and Security:</u> Life safety devices per code	Div. 28
		<u>Miscellaneous:</u> M1 Computer	

#### NOTES:

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

**TELECOM HEAD END ROOM  
M-AD-11**



**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 building's computer network
- To provide satellite up and down links that will send and receive voice, video, and data
- Location of cable TV input and output
- All areas of the school are to be wired to this area

**PROGRAM ACTIVITIES:**

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

**SPATIAL RELATIONSHIPS:**

- May also be located in Media Center

**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
- Access to ceiling and walls for modifications to systems and wiring
- Security of door

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### TELECOM HEAD END ROOM M-AD-11

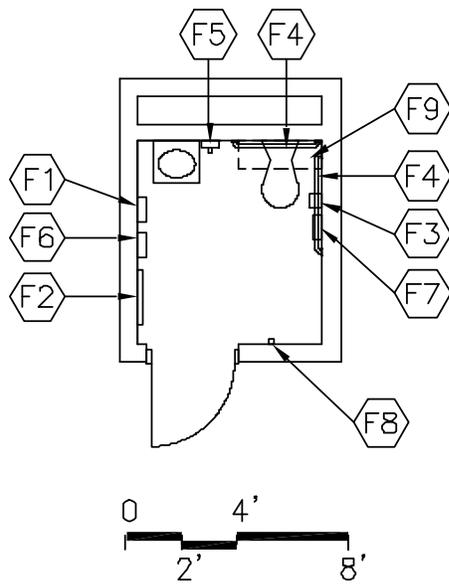
	Spec.		Spec.
<u>Finishes</u> <sup>1</sup> :	<u>Ref.#</u>	<u>Features</u> <sup>1</sup> :	<u>Ref.#</u>
Flooring: Vinyl composition tile	096519	N/A	
Base: Resilient base	096519	<u>Fire Suppression</u> : Fire suppression system	Div. 21
Ceiling: (8' high minimum) Suspended, acoustical	095113	<u>Plumbing</u> : N/A	
Walls: Painted concrete masonry units 042000 / 099123		<u>HVAC</u> : Div. 23 Supply/return air system Independent, packaged system	
<u>Loose Furnishings</u> : L1 6-8 racks		<u>Electrical</u> : Duplex receptacles Quad receptacles for electronic systems Single-level switching Fluorescent lighting Illumination level: See Table 7600-16 Central sound system	Div. 26
		<u>Communications</u> <sup>2</sup> : T1 Data network system  T2 Voice port and phone T3 Telephone switchgear T4 Video network control T5 Satellite dish connection T6 Satellite and cable system controls access	Div. 27
		<u>Electronic Safety and Security</u> : Life safety devices per code	Div. 28 283111
		<u>Miscellaneous</u> : N/A	

#### NOTES:

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

**STAFF TOILET**

**M-AD-13**



**GOAL:**

- To provide a safe and clean toileting area for staff

**PROGRAM ACTIVITIES:**

- Toileting
- Hand washing

**SPATIAL RELATIONSHIPS:**

- Located within Administrative Suite

**ENVIRONMENTAL CONSIDERATIONS:**

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

**CAPACITY:**

- Staff

**SIZE:**

- 50 SF

**ANCILLARY SPACES:**

N/A

**NOTES:**

1. Extend walls above ceiling to deck above for security and acoustical reasons.
2. Provide staff restrooms for both men and women.
3. Each pair of staff restrooms should be distributed throughout the building at appropriate locations.

## Educational Specifications for Brookland Middle School

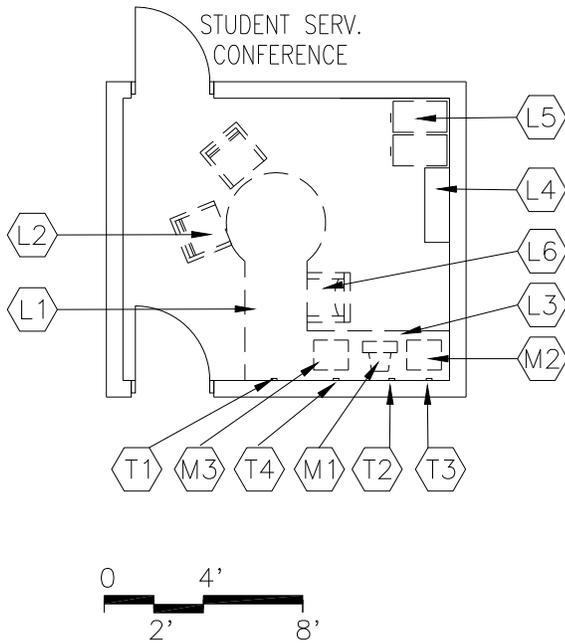
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### STAFF TOILET M-AD-13

<u>Finishes<sup>1</sup>:</u>	<u>Spec. Ref.#</u>	<u>Features<sup>1</sup>:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Ceramic tile	093013	F1 Towel dispenser	102800
		F2 24" x 60" mirror	102800
Base:		F3 Toilet tissue holder	102800
Ceramic tile base	093013	F4 36" and 42" grab bars	102800
		F5 Soap dispenser	102800
Ceiling:		F6 Sanitary dispenser	102800
Suspended, acoustical	095113	F7 Sanitary disposal	102800
		F8 Coat hook	102800
Walls:		F9 Casework:	
Painted concrete masonry units		Wall cabinet	123200
042000 / 099123			
<u>Loose Furnishings:</u>		<u>Fire Suppression:</u>	Div. 21
N/A		Fire suppression system	
		<u>Plumbing:</u> Div. 22	
		Wall-mounted water closet	
		Wall-mounted lavatory	
		Plumbing connections	
		Floor drain	
		<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	
		Clock	
		<u>Communications<sup>2</sup>:</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 space from which support staff can provide a variety of services to students and their families

**PROGRAM ACTIVITIES:**

- Group and individual counseling
- Student assessment

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Student Services Conference Room
- Near Welcome Center
- Readily accessible to students

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting, appropriate to task
- Environmental sound control:  
Walls minimum: STC 45  
Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Auditory privacy
- Windows to provide natural light, if possible

**CAPACITY:**

- Counselor
- Students
- Parents
- Support services personnel
- Specialized student services

**SIZE:**

- 150 SF

**ANCILLARY SPACE:**

- Student Services Conference (M-AD-13)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### COUNSELOR'S OFFICE M-AD-14

<u>Finishes<sup>1</sup>:</u>	Spec. <u>Ref.#</u>	<u>Features<sup>1</sup>:</u>	Spec. <u>Ref.#</u>
Flooring: Carpet	096816	Fixed Equipment: N/A	
Base: Resilient base	096519	<u>Fire Suppression:</u> Fire suppression system	Div. 21
Ceiling: (8' high minimum) Suspended, acoustical	095113	<u>Plumbing:</u> N/A	
Walls: Painted gypsum wallboard over metal studs	092116 / 099123	<u>HVAC:</u> Supply/return air system Independent temperature control	Div. 23
<u>Loose Furnishings:</u> L1 Desk L2 2 visitor chairs L3 Computer desk return L4 Adjustable height bookshelves (12 LF) L5 2, four-drawer file cabinets L6 Ergonomic task chair Wastebasket		<u>Electrical:</u> Duplex receptacles TVSS protected quad receptacle  adjacent to each data and video port  Single-level switching Fluorescent lighting Illumination level: See Table 7600-16 Central sound system	Div. 26
		<u>Communications<sup>2</sup>:</u> T1 Voice port and phone T2 Data port near workstation T3 Data port for printer T4 Data port for fax	Div. 27
		<u>Electronic Safety and Security:</u> Life safety devices per code	Div. 28
		<u>Miscellaneous:</u> M1 Computer M2 Printer M3 Fax	

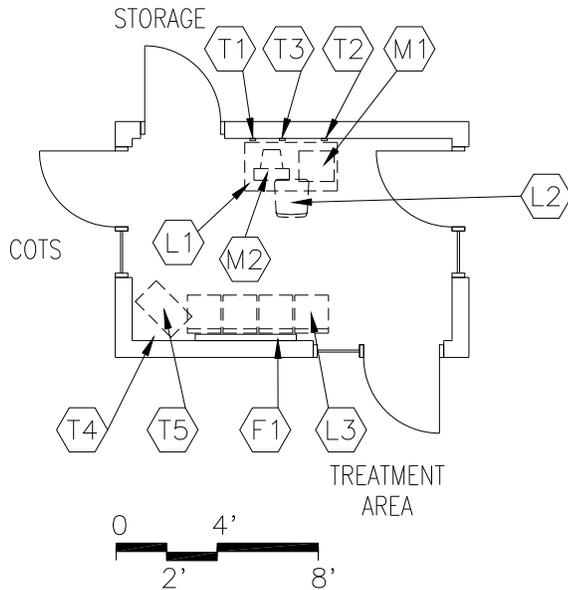
#### NOTES:

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

# Educational Specifications for Brookland Middle School

## OFFICE / WAITING AREA – (Combine w/ treatment area)

Health Suite  
M-AD-17



### GOAL:

- Administrative and waiting area for health services

### PROGRAM ACTIVITIES:

- Waiting area for students being picked up by parent or guardian
- Administrative activities by school nurse

### SPATIAL RELATIONSHIPS:

- Adjacent and access to Treatment Area
- Adjacent and access to Cots
- Adjacent and access to Storage
- First space one enters in Health Suite

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Visual access to Welcome Center or Main Corridor
- Visual and Auditory privacy

### CAPACITY:

- Staff
- Students
- Parents
- Visitors

### SIZE:

- Varies, see table

### ANCILLARY SPACES:

- Treatment Area (M-AD-18)
- Cots (M-AD-19)
- Storage (M-AD-20)

### NOTES:

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

## Educational Specifications for Brookland Middle School

**OFFICE / WAITING AREA**  
**Health Suite**  
**M-AD-17**

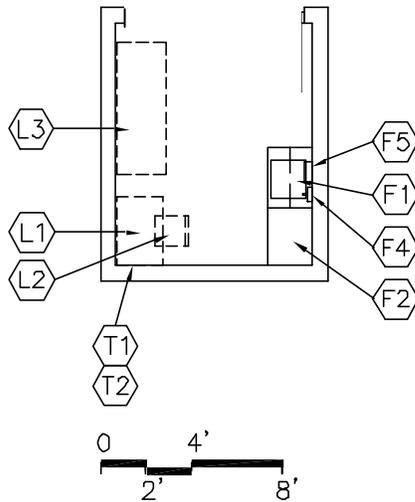
<u>Finishes<sup>1</sup>:</u>	Spec. <u>Ref.#</u>	<u>Features<sup>1</sup>:</u>	Spec. <u>Ref.#</u>
Flooring: Vinyl composition tile	096519	Fixed Equipment: F1 Tack board (4 LF)	101100
Base: Resilient base	096519	<u>Fire Suppression:</u> Fire suppression system	Div. 21
Ceiling: (8' high minimum) Suspended, acoustical	095113	<u>Plumbing:</u> N/A	
Walls: Painted gypsum wallboard over metal studs	092116 / 099123	<u>HVAC:</u> Div. 23 Supply/return air system	
<u>Loose Furnishings:</u> L1 Desk L2 Ergonomic chair L3 4 visitor chairs Wastebasket		<u>Electrical:</u> Div. 26 Duplex receptacles TVSS protected quad receptacle adjacent to each data port Single-level switching Fluorescent lighting Illumination level: See Table 7600-16 Clock Central sound system	
		<u>Communications<sup>2</sup>:</u> T1 Voice port and phone T2 Data port for printer T3 Data port near workstation T4 Cable/MATV T5 Video port, monitor, VCR/DVD, and brackets	Div. 27
		<u>Electronic Safety and Security:</u> Life safety devices per code	Div. 28
		<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.

TREATMENT AREA -

Health Suite  
M-AD-18



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:

- Open to Office/Waiting Room

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; copier machine interferes with hearing screening
- Auditory and Visual privacy
- Visual access to Office/Waiting Room

CAPACITY:

- 1 staff member/volunteer/nurse
- Students

SIZE:

- 80 SF

ANCILLARY SPACES:

- Office/Waiting Area (M-AD-17)

NOTES:

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

## Educational Specifications for Brookland Middle School

### TREATMENT AREA - Health Suite M-AD-18

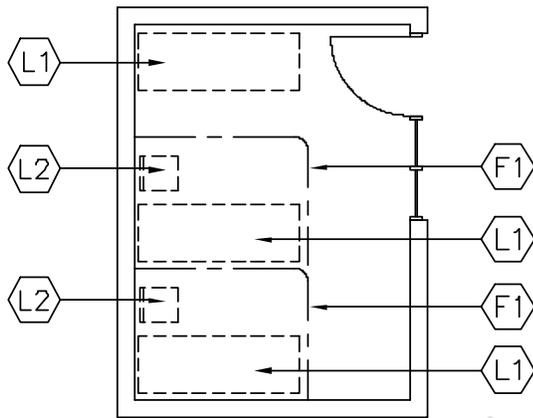
<u>Finishes<sup>1</sup>:</u>	Spec. <u>Ref.#</u>	<u>Features<sup>1</sup>:</u>	Spec. <u>Ref.#</u>
Flooring:		Fixed Equipment:	
Vinyl composition tile	096519	F1 Casework:	
		Base/wall cabinets	123200
Base:		F2 Casework:	
Resilient base	096519	Tall storage	123200
Ceiling: (8' high minimum)		F3 Window blinds	122123
Suspended, acoustical	095113	F4 Soap dispenser	102800
		F5 Towel dispenser	102800
Walls:		<u>Fire Suppression:</u>	Div. 21
Painted gypsum wallboard over metal studs	092116 / 099123	Fire suppression system	
<u>Loose Furnishings:</u>		<u>Plumbing:</u> Div. 22	
L1 Small table		Plumbing connections	
L2 Chair		Sink	
L3 Cot or exam table		<u>HVAC:</u> Div. 23	
Wastebasket		Supply/return air system	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		TVSS protected quad receptacle adjacent to each data port	
		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	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

#### NOTES:

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

COTS

M-AD-19



**GOAL:**

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

**PROGRAM ACTIVITY:**

- A resting place for students and staff to lie down when feeling ill

**SPATIAL RELATIONSHIP:**

- Located within Health Suite
- Adjacent and access to Office/Waiting Area

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting / dimmable lighting
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 35
- Stain-resistant floor covering
- Adequate ventilation
- Auditory and visual privacy
- Visual access to Office/Waiting Area

**CAPACITY:**

- Staff
- Students

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Office/Waiting Area (M-AD-17)

**NOTES:**

1. Loose furnishings and features shown represent one of many possible arrangements.
2. Provide a separate cot area for both boys and girls.

## Educational Specifications for Brookland Middle School

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**COTS**  
**Health Suite**  
**M-AD-19**

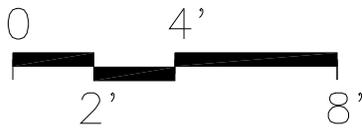
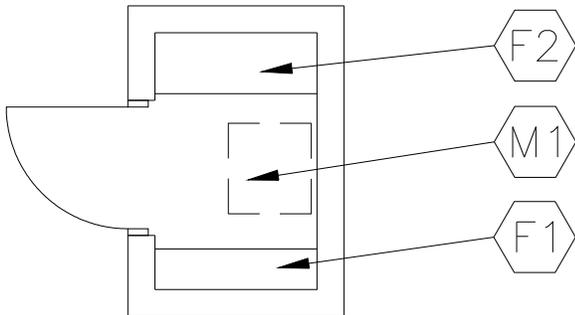
<u>Finishes<sup>1</sup>:</u>	<u>Spec. Ref.#</u>	<u>Features<sup>1</sup>:</u>	<u>Spec. Ref.#</u>
Flooring: Vinyl composition tile	096519	Fixed Equipment: F1 Cubicle curtains	102123
Base: Resilient base	096519	<u>Fire Suppression:</u> Fire suppression system	Div. 21
Ceiling: (8' high minimum) Suspended, acoustical	095113	<u>Plumbing:</u> N/A	
Walls: Painted gypsum wallboard over metal studs	092116 / 099123	<u>HVAC:</u> Div. 23 Supply/return air system	
<u>Loose Furnishings:</u> L1 2 cots L2 2 chairs Wastebasket		<u>Electrical:</u> Div. 26 Duplex receptacles Single-level switching Fluorescent lighting with dimmers Illumination level: See Table 7600-16 Clock Central sound system	
		<u>Communications:</u> N/A	
		<u>Electronic Safety and Security:</u> Life safety devices per code	Div. 28
		<u>Miscellaneous:</u> N/A	

**NOTES:**

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

**STORAGE**

**M-AD-20**



**GOAL:**

- To provide storage for medical supplies and equipment

**PROGRAM ACTIVITY:**

- Storing equipment, and supplies

**SPATIAL RELATIONSHIP:**

- Adjacent and access to Office/Waiting

**ENVIRONMENTAL CONSIDERATIONS:**

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

**CAPACITY:**

- Staff

**SIZE:**

- 25 SF

**ANCILLARY SPACES:**

- Office/Waiting Area (M-AD-17)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

---

**STORAGE**  
**Health Suite**  
**M-AD-20**

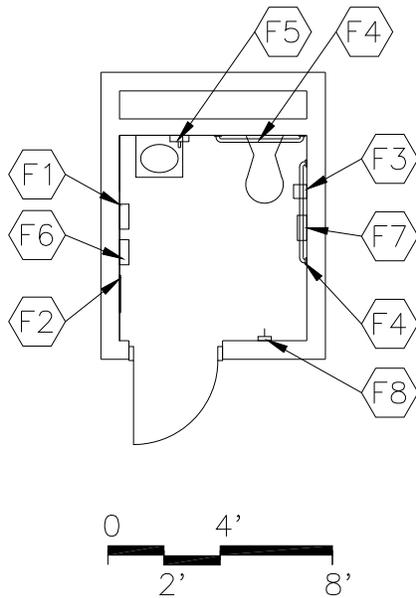
<u>Finishes<sup>1</sup>:</u>	<u>Spec. Ref.#</u>	<u>Features<sup>1</sup>:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Storage shelving: 12" deep	105613
Base:		F2 Storage shelving: 18" deep	105613
Resilient base	096519		
Ceiling: (8' high minimum)		<u>Fire Suppression:</u>	Div. 21
Suspended, acoustical	095113	Fire suppression system	
Walls:		<u>Plumbing:</u> Div. 22	
Painted concrete masonry units	042000 / 099123	Plumbing connections	
		Hook-up for refrigerator ice maker	
<u>Loose Furnishings:</u>		<u>HVAC:</u> Div. 23	
N/A		Supply/return air system	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	
		N/A	
		<u>Miscellaneous:</u>	
		M1 Refrigerator (lockable) with ice maker	

**NOTES:**

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

**TOILET**

**Health Suite  
M-AD-21**



**PROGRAM ACTIVITIES:**

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

**SPATIAL RELATIONSHIP:**

- Located within Health Suite

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Environmental sound control:  
Wall minimum: STC 40  
Ceiling minimum: CAC 35
- Moisture- and stain-resistant finishes
- Adequate exhaust/ventilation

**CAPACITY:**

- Students
- Staff

**SIZE:**

- 50 SF

**ANCILLARY SPACE:**

N/A

**NOTES:**

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

## Educational Specifications for Brookland Middle School

**TOILET**  
**Health Suite**  
**M-AD-21**

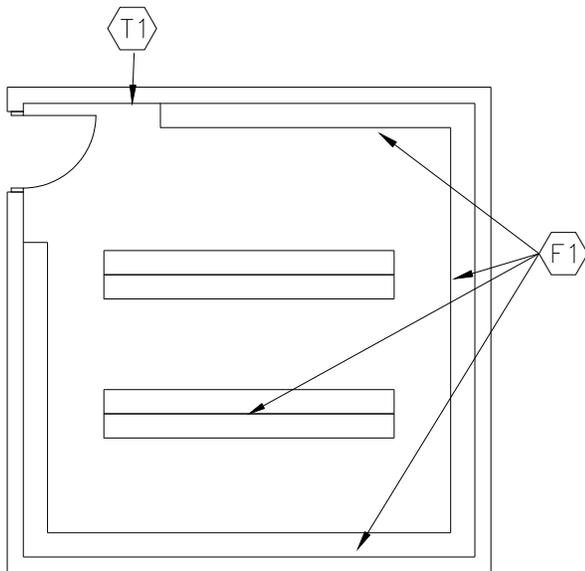
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Ceramic tile	093013	F1 Towel dispenser	102800
		F2 24" x 60" mirror	102800
Base:		F3 Toilet tissue holder	102800
Ceramic tile base	093013	F4 36" and 42" grab bars	102800
		F5 Soap dispenser	102800
Ceiling:		F6 Sanitary disposal	102800
Suspended, acoustical	095113	F7 Sanitary dispenser	102800
		F8 Coat hook	102800
Walls:		<u>Fire Suppression:</u>	Div. 21
Painted concrete masonry units	042000 / 099123	Fire suppression system	
<u>Loose Furnishings:</u>		<u>Plumbing:</u> Div. 22	
N/A		Wall-mounted water closet	
		Wall-mounted lavatory	
		Plumbing connections	
		Floor drain	
		<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.

**BOOK STORAGE**

**M-AD-23**



**GOAL:**

- To provide secure storage for textbooks

**PROGRAM ACTIVITY:**

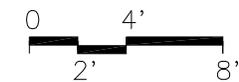
- Storage of textbooks

**SPATIAL RELATIONSHIP:**

- Near Administration

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Electrical outlets



**CAPACITY:**

- Staff

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

N/A

**NOTES:**

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

## Educational Specifications for Brookland Middle School

**BOOK STORAGE**  
**Administrative Support**  
**M-AD-23**

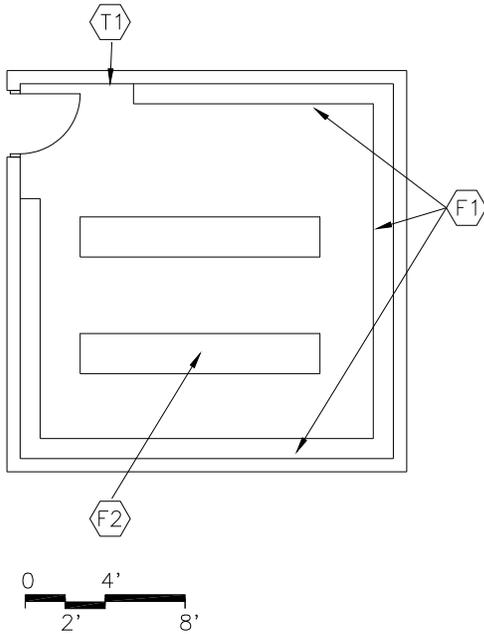
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Vinyl composition tile	096519	F1 Storage shelving:	
		12" deep	105613
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling (8' high minimum):		<u>Plumbing:</u>	
Suspended, acoustical	095113	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Painted concrete masonry units		Supply/return air system	
	042000 / 099123	<u>Electrical:</u>	Div. 26
<u>Loose Furnishings:</u>		Duplex receptacles	
N/A		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Central sound system	
		TVSS protected quad receptacle	
		adjacent to each data port	
		<u>Communications:</u>	Div. 27
		T1 Data port	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

**NOTES:**

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

**SUPPLY STORAGE**

**M-AD-24**



**GOAL:**

- To provide secure storage for supplies

**PROGRAM ACTIVITY:**

- Storage of office and teaching supplies

**SPATIAL RELATIONSHIP:**

- Near Administration

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Electrical outlets

**CAPACITY:**

- Staff

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

N/A

**NOTES:**

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

## Educational Specifications for Brookland Middle School

**SUPPLY STORAGE**  
**Administrative Support**  
**M-AD-24**

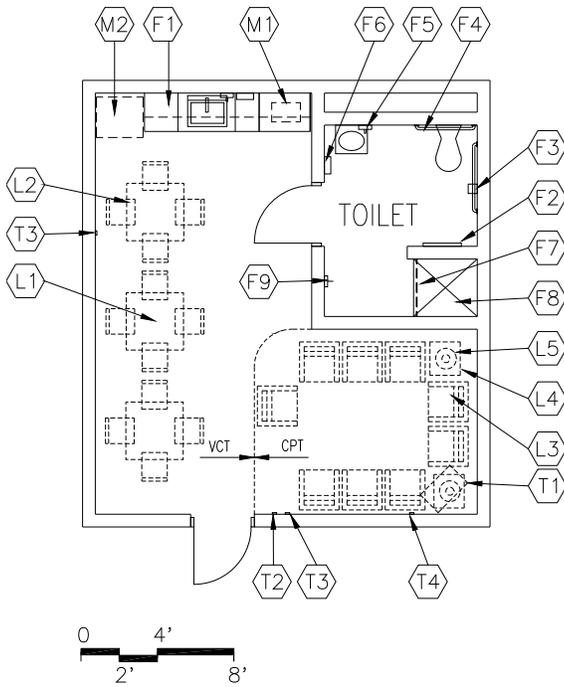
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Vinyl composition tile	096519	F1 Storage shelving: 12" deep	105613
Base:		F2 Storage shelving: 24" deep	105613
Resilient base	096519		
Ceiling (8' high minimum):		<u>Fire Suppression:</u>	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
N/A		Supply/return air system	
		<u>Electrical:</u>	Div. 26
		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Central sound system	
		<u>Communications:</u>	Div. 27
		T1 Data port	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

**NOTES:**

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

**STAFF LOUNGE**

**M-AD-25**



**GOAL:**

- To provide an area for staff dining and relaxing

**PROGRAM ACTIVITIES:**

- Staff dining
- Relaxation

**SPATIAL RELATIONSHIPS:**

- Near Classrooms
- Access to Main Corridor
- May be divided among floors

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting, appropriate to task
- Environmental sound control:  
Wall minimum: STC 45  
Ceiling minimum: CAC 40
- Electrical outlet for equipment
- Windows to provide natural light, desirable

**CAPACITY:**

- Staff

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

N/A

**NOTES:**

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

## Educational Specifications for Brookland Middle School

**STAFF LOUNGE**  
**Administrative Support**  
**M-AD-25**

<u>Finishes<sup>1</sup>:</u>	Spec. <u>Ref.#</u>	<u>Features<sup>1</sup>:</u>	Spec. <u>Ref.#</u>
<u>Flooring:</u>		<u>Fixed Equipment:</u>	
Vinyl composition tile	096519	<u>F1 Casework:</u>	
Carpet	096816	Base/wall cabinets	123200
		F2 24" X 60" mirror	102800
<u>Base:</u>		F3 Toilet tissue dispenser	102800
Resilient base	096519	F4 36" and 42" grab bars	102800
		F5 Soap dispenser	102800
<u>Ceiling (8' high minimum):</u>		F6 Towel dispenser	102800
Suspended, acoustical	095113	F7 Shower curtain with rod	102800
		F8 ADA shower accessories	102800
<u>Walls:</u>		F9 Coat hook	102800
Painted gypsum wallboard over metal studs			
<u>Loose Furnishings:</u>		<u>Fire Suppression:</u>	Div. 21
L1 3 square tables		Fire suppression system	
L2 10-15 chairs			
L3 8-10 lounge chairs		<u>Plumbing:</u>	Div. 22
L4 2 end tables		Plumbing connections	
L5 2 table lamps		Hook-ups for ice maker	
Wastebasket		Floor drains - in restroom and shower	
<u>Communications<sup>2</sup>:</u>	Div. 27	<u>HVAC:</u>	Div. 23
T1 Video port, monitor, VCR/DVD, and brackets		Supply/return air system	
T2 Voice port and phone		Exhaust air system	
T3 2 data ports		Independent temperature control	
T4 Cable/MATV port			
		<u>Electrical:</u>	Div. 26
<u>Miscellaneous:</u>		Duplex receptacles	
M1 2 microwaves		TVSS protected quad receptacle adjacent to each data and video port	
M2 Refrigerator with ice maker		Multilevel switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		<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.

## Educational Specifications for Brookland Middle School

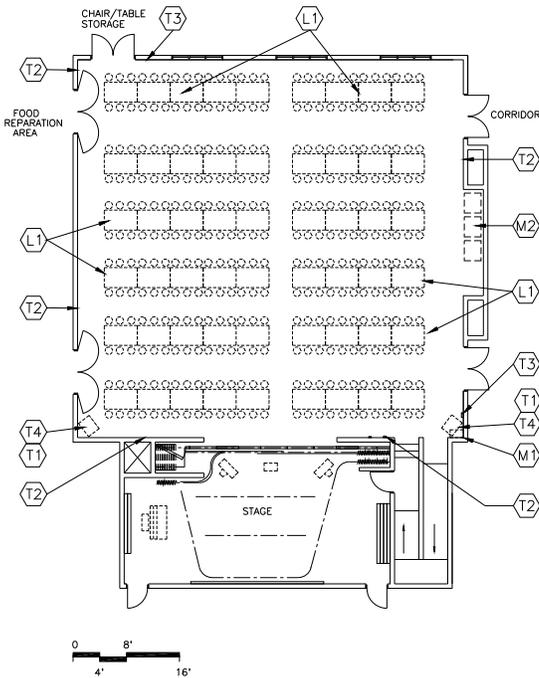
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### Student Dining & Food Service Space Requirements

Spaces	Suggested			Comments
	Qty.	S.F.	Total	
Student Dining Area/Multi-purpose	1	3,000	3,000	
Stage	1	850	850	Dance floor
Chair, Table Storage	1	250	250	
Food Prep	1	700	700	
Serving area	1	400	400	
Dry Storage	1	200	200	
Freezer & Cooler	1	300	300	
Ware Washing	1	200	200	
Toilet/Locker Room	1	100	100	
Paper and carts storage	1	200	200	
Food Service Office	1	100	100	
<b>Total</b>			<b>6,300</b>	

## STUDENT DINING AREA / MULTIPURPOSE

M-SD-1



### 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 Food Preparation Area
- Adjacent and access to Stage
- Adjacent and access to Chair/Table Storage
- Centrally located to office area, gymnasium, classrooms, and media center
- Near parking and entry to building
- Consider vending machine locations in room layout

### ENVIRONMENTAL CONSIDERATIONS:

- Lighting appropriate to tasks
- Adequate ventilation
- Electrical outlets for equipment along perimeter walls and on columns
- Environmental sound control:
  - Wall minimum: STC 45
  - Ceiling minimum: CAC 35
- Higher than normal ceiling height
- Cleanable building surfaces
- Windows to provide ample natural light
- Good sight lines to all areas of the room for supervision
- Window treatment to darken room for AV presentation
- Access to drinking fountain

### CAPACITY:

- 1/3 of students per lunch period
- 1/3 of staff members per lunch
- Community (after hours)

### SIZE:

- Varies, see table

### ANCILLARY SPACES

- Chair/Table Storage (M-SD-2)
- Stage (M-SD-3)
- Food Preparation Area (M-SD-4A)

### NOTES:

1. Loose furnishings and features shown represent one of many possible arrangements.
2. Typically, students are seated in cafeteria before entering serving line. Students are called by table to serving line

## Educational Specifications for Brookland Middle School

### STUDENT DINING AREA / MULTIPURPOSE M-SD-1

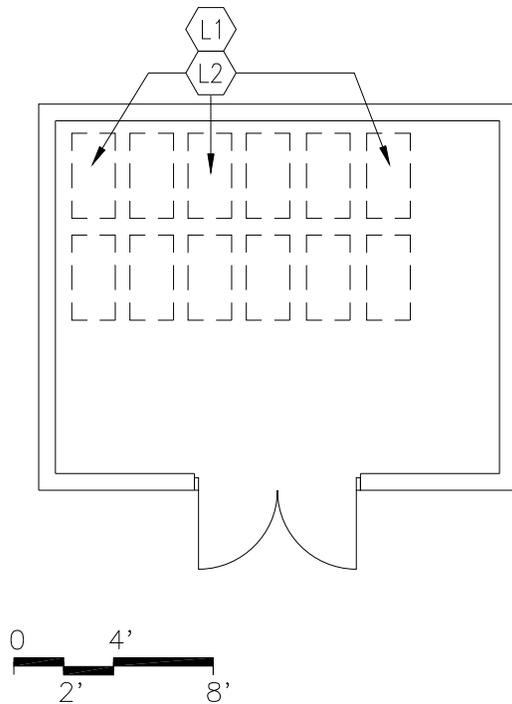
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		N/A	
Vinyl composition Quartz tile	09665189		
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling:		<u>Plumbing:</u> Div. 22	
Suspended, acoustical	095113	Electric water cooler	
Walls:		<u>HVAC:</u> Div. 23	
Painted concrete masonry units	042000 / 099123	Supply/return air system	
Acoustical wall treatment	098400	Independent temperature control	
<u>Loose Furnishings:</u>		Air conditioning	
L1 Tables and seating to accommodate 1/3 of school capacity (185 for lunch/265 per assembly)		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		Vending Machines	
		TVSS protected quad receptacles adjacent to each data and video port	
		Multilevel switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Student dining sound system <sup>2</sup>	
		Central sound system	
<u>Miscellaneous:</u>		<u>Communications<sup>3</sup>:</u>	Div. 27
M1 Audio system		T1 2 cable/MATV ports (minimum)	
M2 Vending Machines		T2 4 data ports	
		T3 Voice port and phone	
		T4 2 video ports, monitors, VCRs/DVDs, 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. Student dining sound system is to be used in conjunction with the Stage.
3. Refer to the Educational Specifications – Communications Technology, Section 1240.

**CHAIR / TABLE STORAGE**

**M-SD-2**



**GOAL:**

- To provide convenient storage of dining chairs and tables to be used for meetings and performances

**PROGRAM ACTIVITY:**

- Storage

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Student Dining Area/Multipurpose

**ENVIRONMENTAL CONSIDERATIONS:**

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

**CAPACITY:**  
N/A

**SIZE:**  
• Varies, see table

**ANCILLARY SPACES:**  
• Student Dining Area/Multipurpose (M-SD-1)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### CHAIR / TABLE STORAGE M-SD-2

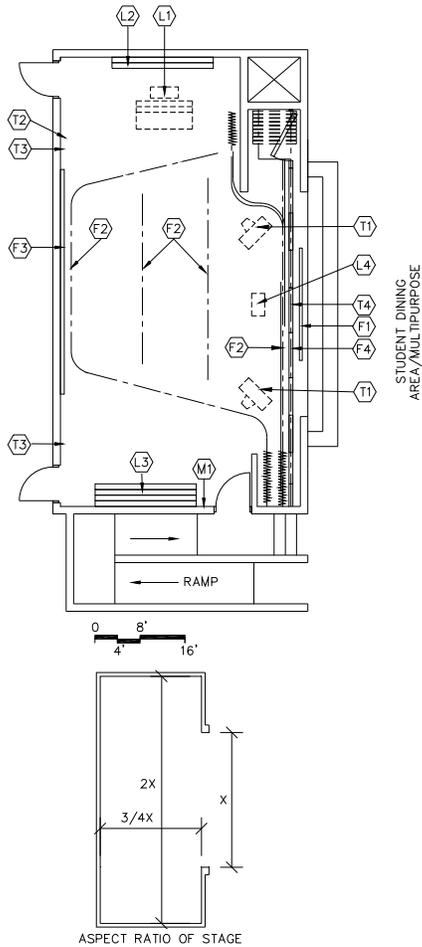
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Vinyl composition Resilient tile flooring	096519	N/A	
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling:		<u>Plumbing:</u>	
Suspended, acoustical	095113	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Painted concrete masonry units	042000 / 099123	Supply/return air system	
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
L1 Chairs		Duplex receptacles	
L2 Chair dollies		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-	
		16	
		<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.

**STAGE**

**M-SD-3**



**GOAL:**

- To provide flexibility for use of facility

**PROGRAM ACTIVITY:**

- School and community programs and activities

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Student Dining Area/Multipurpose
- If an auditorium is provided, the Stage will be provided with the Performing Arts Area

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Area should be raised slightly above student dining floor
- Provide handicapped accessibility (ADA)
- Electrical outlets for equipment

**CAPACITY:**

- Students
- Teachers
- Administrators

**SIZE:**

- 850 SF

**ANCILLARY SPACE:**

- Student Dining Area/Multipurpose (M-SD-1)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

**STAGE**  
**M-SD-3**

	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Vinyl composition tile		F1 Motorized projection screen	115213
Wood strip flooring for athletic applications	096466519	F2 Curtain	116143
		F3 Mirror	088000
		F4 Operable partition	102226
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling:		<u>Plumbing:</u>	
Exposed structure, painted	099123	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Painted concrete masonry units	042000 / 099123	Supply/return air system	Temperature control with student dining area
<u>Loose Furnishings:</u>		Air conditioning	
L1 Student piano		<u>Electrical:</u>	Div. 26
L2 Portable dance barres		Duplex receptacles	
L3 Mobile folding risers		Single-level switching	
L4 Podium		TVSS protected duplex receptacle	
<u>Communications<sup>2</sup></u>	Div. 27	adjacent to each data and video port	
T1 2 video port, monitor, VCR/DVD, and bracket		Fluorescent lighting	
T2 Voice port and phone		Illumination level: See Table 7600-16	
T3 2 data ports on stage		Means of egress lighting per code	
T4 Data port in center of stage apron		Student dining sound system	
<u>Miscellaneous:</u>		Central sound system	
M1 Handheld and lavalier microphones		1 microphone jack to be located in apron at front of stage	
		<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.

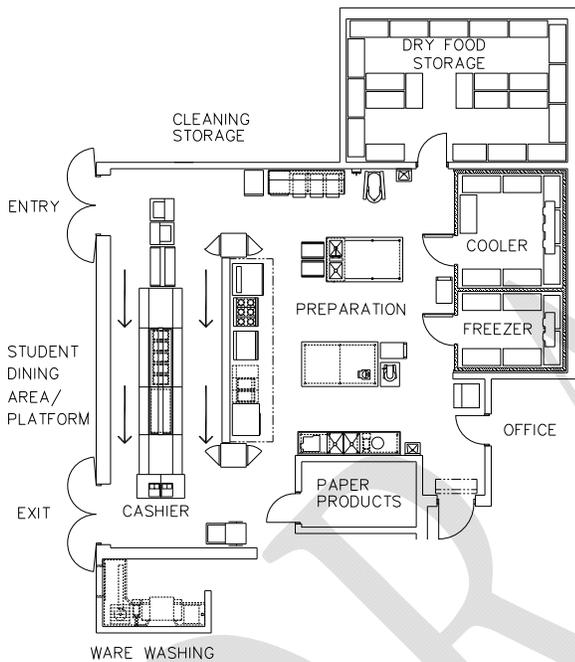
**KITCHEN**

**M-SD-4**

This space consists of various areas:

- Food Preparation Area
- Serving Area
- Dry Food Storage
- Freezer and Cooler
- Ware Washing
- Paper Products Storage

A space plate follows for each of these areas.



**CAPACITY:**

- Students
- Staff
- Community

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Student Dining Area/Multipurpose (M-SD-1)

**GOAL:**

- To provide an area for the preparation of student and staff meals

**PROGRAM ACTIVITIES:**

- Prepare food
- Serve food
- Storage
- Point of sale

**SPATIAL RELATIONSHIPS:**

- Near loading dock to permit semi-tractor trailers access to docking and storage areas (site specific)
- Adjacent and access to Student Dining Area/Multipurpose
- Near dumpsters
- Food court/cafeteria serving arrangement

**ENVIRONMENTAL CONSIDERATIONS:**

- Food service department, public health
- Quarry tile flooring
- Proper ventilation of space to remove cooking odors
- Cleanable building surfaces

**NOTES:**

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

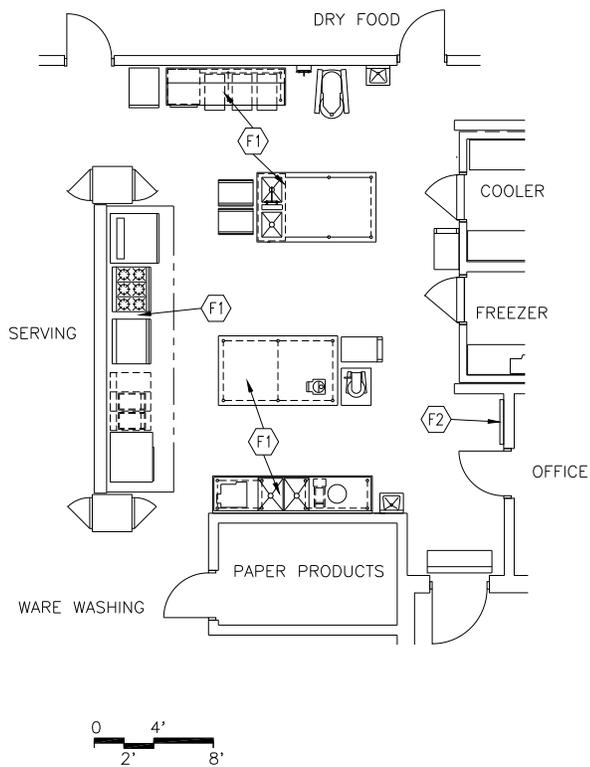
## Educational Specifications for Brookland Middle School

### KITCHEN M-SD-4

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

**FOOD PREPARATION AREA**

**M-SD-4A**



**GOAL:**

- To prepare and/or reheat student meals

**PROGRAM ACTIVITY:**

- Prepare food

**SPATIAL RELATIONSHIP:**

- Adjacent to Student Dining Area/Multipurpose
- Adjacent and access to Kitchen

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Proper ventilation of space to remove cooking odors
- Cleanable building surfaces
- Electrical/plumbing/mechanical connections for food service equipment

**CAPACITY:**

- Staff

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Kitchen (M-SD-4)

**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.

## Educational Specifications for Brookland Middle School

### FOOD PREPARATION AREA

#### M-SD-4A

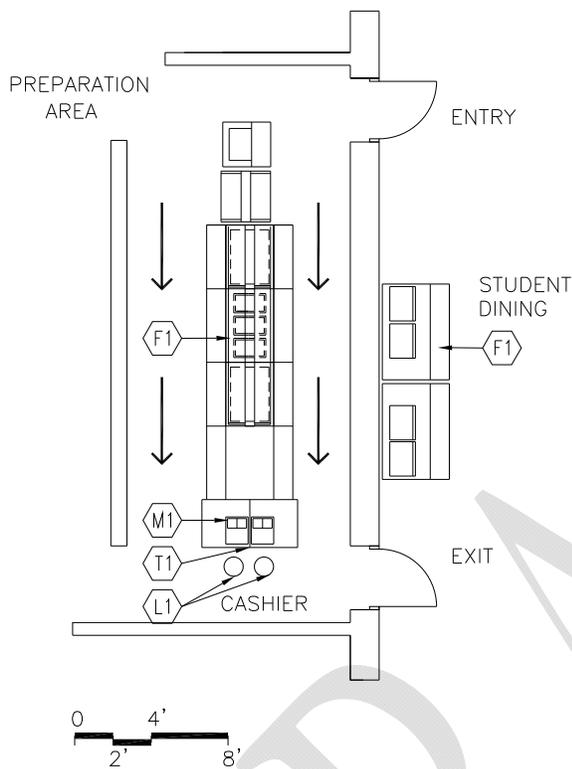
<u>Finishes<sup>1</sup>:</u>	Spec. <u>Ref.#</u>	<u>Features<sup>1</sup>:</u>	Spec. <u>Ref.#</u>
<b>Flooring:</b>			
Quarry tile	093000	<b>Fixed Equipment:</b>	
Vinyl composition tile	096519	F1 Food service equipment	114000
		F2 Tack board (4 LF)	101100
		F3 Storage shelving: 12" deep (above sink)	105613
<b>Base:</b>			
Quarry tile base	093000		
Rubber base	096519		
<b>Ceiling:</b>			
Cleanable, suspended, acoustical	095113	<b>Fire Suppression:</b>	Div. 21
		Fire suppression system	
<b>Walls:</b>			
Epoxy-painted concrete masonry units	042000 / 099123	<b>Plumbing:</b> Div. 22	
		Connections to food service equipment	
		Plumbing and gas connections	
		Hand washing lavatory	
		Floor drains	
<b>Loose Furnishings:</b>			
N/A		<b>HVAC:</b> Div. 23	
		Supply/return air system	
		Independent temperature control	
		Kitchen canopy exhaust system	
		Air conditioning	
		<b>Electrical:</b> Div. 26	
		Duplex receptacles	
		Connections to food service equipment	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		<b>Communications:</b>	
		N/A	
		<b>Electronic Safety and Security:</b>	Div. 28
		Life safety devices per code	
		<b>Miscellaneous:</b>	
		N/A	

#### NOTES:

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

## Serving Area

## M-SD-4B



### SPATIAL RELATIONSHIPS:

- Within Student Dining Area/Multipurpose or Food Preparation Area
- Beginning of serving line should be near entry door of Students Dining Area /Multipurpose
- Adjacent and access to Kitchen

### ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Cleanable building services
- Electrical connections for food service equipment
- Queuing for serving should not conflict with tray return to dishwashing area
- Single or double sided serving line(s)

### DESIGN GUIDE

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

### Sample Lines and equipment needs below:

- Sandwich Deli and Salads: Equipment consists of a 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 Two-Tier Merchandising Warmer is available in place of the heated shelf. A Drop-In Self-Contained Refrigerated Cold Pan is included for cold items.
- Hot Meals: Equipment consists of a 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 Refrigerated Cold Pan may also be included for side items.
- Self Serve Station

### CAPACITY:

- Students
- Staff
- Community

### ANCILLARY SPACES:

- Student Dining Area/Multipurpose (M-SD-1)
- Kitchen (M-SD-4)

### GOAL:

- To provide serving station for those seeking meals or snacks

### PROGRAM ACTIVITY:

- Serve food

### NOTES:

1. This is an example of a serving 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.

## Educational Specifications for Brookland Middle School

**SERVING AREA**  
**M-SD-4B**

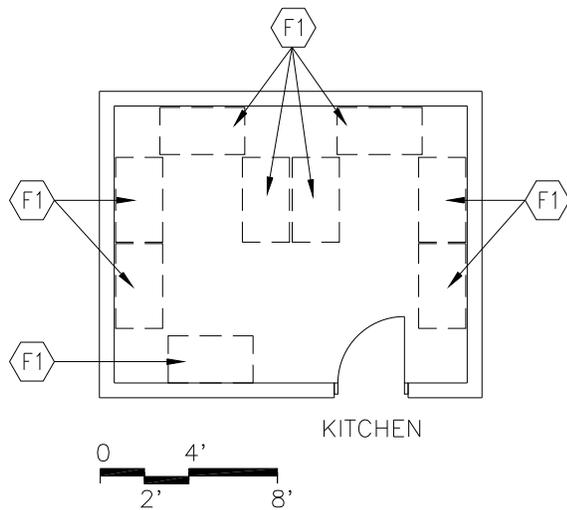
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Quarry tile	093000	F1 Food service equipment	114000
Vinyl composition tile	096519		
Base:		<u>Fire Suppression:</u>	Div. 21
Quarry tile base	093000	Fire suppression system	
Resilient base	096519	<u>Plumbing:</u> Div. 22	
Ceiling:		Connections to food service	
Cleanable, suspended, acoustical	095113	Equipment	
Walls:		Floor drains	
Epoxy-painted concrete masonry		<u>HVAC:</u> Div. 23	
units	042000 / 099123	Supply/return air system	
<u>Loose Furnishings:</u>		<u>Electrical:</u>	
L1 2 stools		Duplex receptacles	
		Connections to food service	
		equipment	
		Duplex receptacle at each	
		cash register	
		TVSS protected quad receptacle	
		adjacent to each data port	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		<u>Communications<sup>2</sup>:</u>	Div. 27
		T1 2 data ports at cash registers	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		M1 2 cash registers	

**NOTES:**

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

**DRY FOOD STORAGE**

**M-SD-4C**



**GOAL:**

- To provide an area for food storage

**PROGRAM ACTIVITY:**

- Storage

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Kitchen
- Near the Supply Storage/Receiving

**ENVIRONMENTAL CONSIDERATIONS:**

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

**CAPACITY:**

N/A

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Kitchen (M-SD-4)

**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.

## Educational Specifications for Brookland Middle School

**DRY FOOD STORAGE**  
**M-SD-4C**

CHAPTER 5:1 MIDDLE SCHOOLS

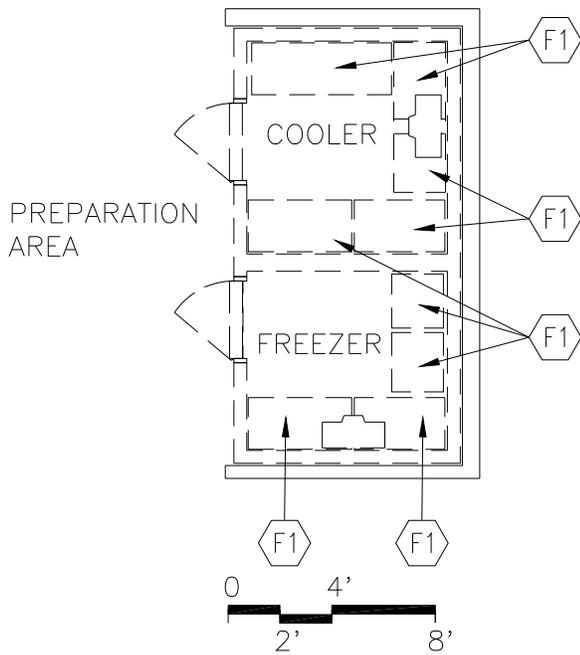
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Quarry tile	093000	F1 Rust-resistant 24" deep shelving	
Vinyl composition tile	096519	and dunnage racks	114000
Base:		<u>Fire Suppression:</u>	Div. 21
Quarry tile base	093000	Fire suppression system	
Resilient base	096519		
Ceiling:		<u>Plumbing:</u>	
Cleanable, suspended, acoustical	095113	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Epoxy-painted concrete masonry		Supply/return air system	
units	042000 / 099123		
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
N/A		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		<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.

**FREEZER AND COOLER**

**M-SD-4D**



**GOAL:**

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

**PROGRAM ACTIVITY:**

- Storage
- Walk-in type

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Kitchen
- Near the Supply Storage/Receiving

**ENVIRONMENTAL CONSIDERATIONS:**

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

**CAPACITY:**

- Food service staff

**SIZE:**

- Varies, see table

**ANCILLARY SPACES:**

- Kitchen (M-SD-4)

**NOTES:**

1. This is an example of a freezer and cooler. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools' Food Service Department.
2. Generally, deliveries occur once a week.

## Educational Specifications for Brookland Middle School

### **FREEZER & COOLER**

**M-SD-4D**

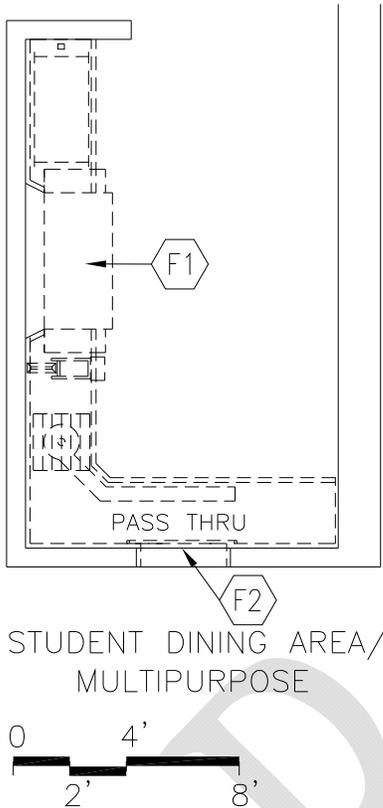
	Spec. Ref.#		Spec. Ref.#
<u>Finishes</u> <sup>1</sup> :		<u>Features</u> <sup>1</sup> :	
Flooring:		Fixed Equipment:	
Manufactured insulated panel	Quarry tile0931	F1 Rust-resistant 24" deep shelving	
Non-skid surface		and dunnage racks	114000
Base:		<u>Fire Suppression:</u>	Div. 21
Manufactured insulated panel	114000	Fire suppression system	
Ceiling:		<u>Plumbing:</u>	
Manufactured insulated panel	114000	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Manufactured insulated panel	114000	Exhaust air system for compressors	
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
N/A		Electrical connections to freezer/cooler	
		refrigeration equipment	
		Single-level switching	
		Incandescent lighting	
		Illumination level: See Table 7600-16	
		<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.

**WARE WASHING**

**M-SD-4E**



**GOAL:**

- To clean dishes, trays, and cutlery

**PROGRAM ACTIVITY:**

- Space and equipment to scrape, wash, dry, and store serving trays and utensils

**SPATIAL RELATIONSHIPS:**

- Adjacent and access to Student Dining Area/Multipurpose
- Adjacent and access to Kitchen
- Pass-through into Student Dining Area

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Proper ventilation of space to remove steam and condensation
- Cleanable building surfaces

**CAPACITY:**  
N/A

**SIZE:**  
• Varies, see table

**ANCILLARY SPACES:**  
• Kitchen (M-SD-4)

**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.

## Educational Specifications for Brookland Middle School

### WARE WASHING M-SD-4E

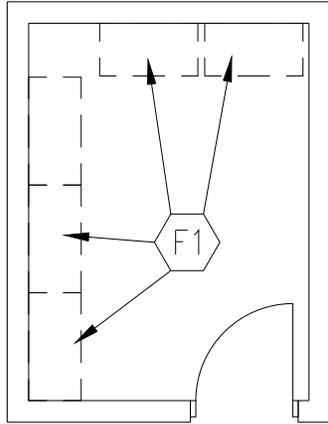
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Quarry tile      093000		F1    Food service equipment	114000
Vinyl composition tile		F2    Overhead coiling door	083300
Base:		<u>Fire Suppression:</u>	Div. 21
Quarry tile base      093000		Fire suppression system	
Resilient base      096519		<u>Plumbing:</u> Div. 22	
Ceiling:		Lavatory	
Cleanable, suspended, acoustical	095113	Connections to food service equipment	
Walls:		Floor drains	
Epoxy-painted concrete masonry units	042000 / 099123	<u>HVAC:</u> Div. 23	
<u>Loose Furnishings:</u>		Supply/return air system	
N/A		Independent temperature control	
		Exhaust hood system	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		Connections to food service equipment	
		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:

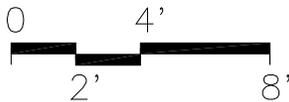
1. Finishes/Features: Refer to Chapter 8 for specification references.

**PAPER PRODUCTS STORAGE**

**M-SD-4F**



KITCHEN



**GOAL:**

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

**PROGRAM ACTIVITY:**

- Lockable space

**SPATIAL RELATIONSHIP:**

- Adjacent and access to Kitchen

**ENVIRONMENTAL CONSIDERATIONS:**

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

**CAPACITY:**  
N/A

**SIZE:**  
• Varies, see table

**ANCILLARY SPACES:**  
• Kitchen (M-SD-4)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### PAPER PRODUCTS STORAGE M-SD-4F

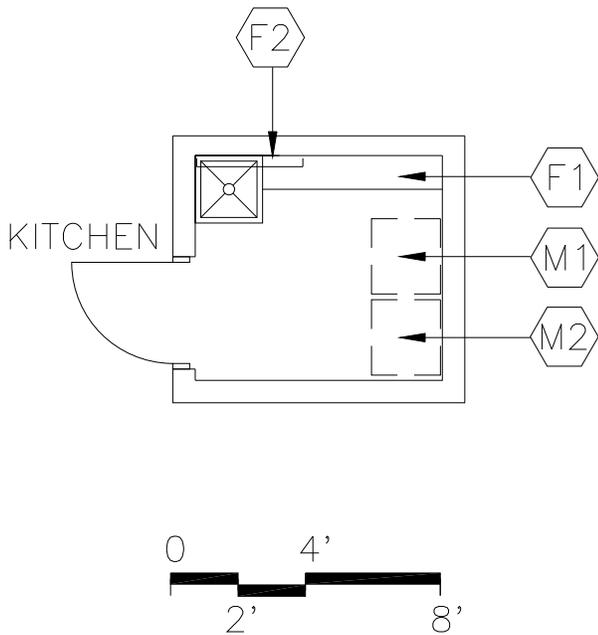
<u>Finishes<sup>1</sup>:</u>	<u>Spec. Ref.#</u>	<u>Features<sup>1</sup>:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Quarry tile	093000	F1 Rust-resistant shelving	114000
Vinyl compositionResilient tile flooring	096519		
Base:		<u>Fire Suppression:</u>	Div. 21
Quarry tile base	093000	Fire suppression system	
Resilient base	096519		
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	
		Supply/return air system	
		Independent temperature control	
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
N/A		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	
		N/A	
		<u>Miscellaneous:</u>	
		N/A	

#### NOTES:

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

**CLEANING STORAGE**

**M-SD-5**



**GOAL:**

- To store chemicals used in cleaning and maintaining kitchen

**PROGRAM ACTIVITY:**

- Storing chemicals and equipment

**SPATIAL RELATIONSHIP:**

- Located within Kitchen Area

**ENVIRONMENTAL CONSIDERATIONS:**

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

**CAPACITY:**

- Food service staff

**SIZE:**

- 50 SF

**ANCILLARY SPACES:**

- Kitchen (M-SD-4)

**NOTES:**

2. 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.
3. Loose furnishings and features shown represent one of many possible arrangements.

## Educational Specifications for Brookland Middle School

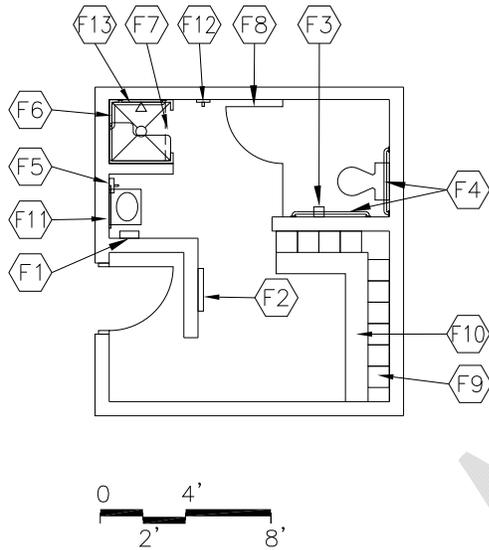
<b>CLEANING STORAGE</b>	<b>Spec. Ref.#</b>		<b>Spec. Ref.#</b>
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Quarry tile	093000	F1 Rust-resistant shelving for chemicals	114000
Vinyl composition tile	096519	F2 Mop rack	102800
Base:			
Quarry tile base	093000		
Resilient base	096519		
Ceiling:		<u>Fire Suppression:</u>	Div. 21
Cleanable, suspended, acoustical	095113	Fire suppression system	
Walls:		<u>Plumbing:</u> Div. 22	
Epoxy-painted concrete masonry units	042000 / 099123	Plumbing connections	
		Service sink	
		Connections for washer	
		Floor drain	
<u>Loose Furnishings:</u>		<u>HVAC:</u> Div. 23	
N/A		Exhaust air system	
		Supply/return air system	
		Independent temperature control	
		Outside vent for dryer	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Washer and dryer connections	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		M1 Washer	
		M2 Dryer	

**NOTES:**

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

**TOILET / SHOWER / LOCKER ROOM**

**M-SD-6**



**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
- Adjacent to Food Service Office
- Provide blind condition at entry

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Handicapped accessible
- Environmental sound control:  
Wall minimum: STC 40  
Ceiling minimum: CAC 35

**CAPACITY:**

- Food service staff

**SIZE:**

- 150 SF

**ANCILLARY SPACES:**

- Kitchen (M-SD-4)

**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.

## Educational Specifications for Brookland Middle School

### TOILET / SHOWER / LOCKER ROOM M-SD- 6

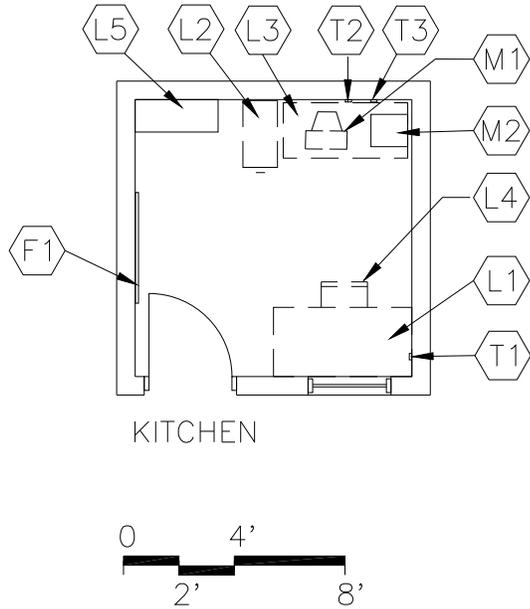
	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Ceramic tile	09300013	F1 Towel dispenser	102800
		F2 24" x 60" mirror	102800
Base:		F3 Toilet tissue holder	102800
Ceramic tile base	093013	F4 36" and 42" grab bars	102800
		F5 Soap dispenser	102800
Ceiling:		F6 ADA shower accessories/seat	102800
Suspended, acoustical	095113	F7 Shower curtain and rod	102800
Shower: Epoxy painted portland cement plaster	092400 / 099123	F8 Toilet partition	102113
		F9 Lockers:	
		12" wide x 12" deep x 72" high	105113
Walls:		F10 Locker Bench	105113
Shower: Ceramic tile	093013	F11 16" x 24" mirror	102800
Epoxy painted concrete masonry units	042000 / 099123	F12 Towel Hook	102800
		F13 Shower grab bar	102800
<u>Loose Furnishings:</u>		<u>Fire Suppression:</u>	Div. 21
N/A		Fire suppression system	
		<u>Plumbing:</u> Div. 22	
		Wall-mounted water closet	
		Wall-mounted lavatory	
		Plumbing connections	
		ADA shower controls and head	
		Floor drains - in shower and locker area	
		<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	

#### NOTES:

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

**FOOD SERVICE OFFICE**

**M-SD-7**



**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 outlets for equipment
- Visual access to Kitchen

**CAPACITY:**

- Food service manager
- Food service staff

**SIZE:**

- 100 SF

**ANCILLARY SPACES:**

- Kitchen (M-SD-4)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### FOOD SERVICE OFFICE M-SD-7

	Spec. Ref.#		Spec. Ref.#
<u>Finishes<sup>1</sup>:</u>		<u>Features<sup>1</sup>:</u>	
Flooring:		Fixed Equipment:	
Quarry tile	093013	F1 Tack board (4 LF)	101100
Vinyl compositionResilient tile flooring	096519		
Base:		<u>Fire Suppression:</u>	Div. 21
Quarry tile base	093013	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 Four-drawer file cabinet		TVSS protected quad receptacle adjacent to data and video port	
L3 Computer workstation		Single-level switching	
L4 Ergonomic task chair		Fluorescent lighting	
L5 Adjustable height bookshelves (12 LF)		Illumination level: See Table 7600-16	
Wastebasket		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	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		M1 Computer	
		M2 Printer	

#### NOTES:

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

## Educational Specifications for Brookland Middle School

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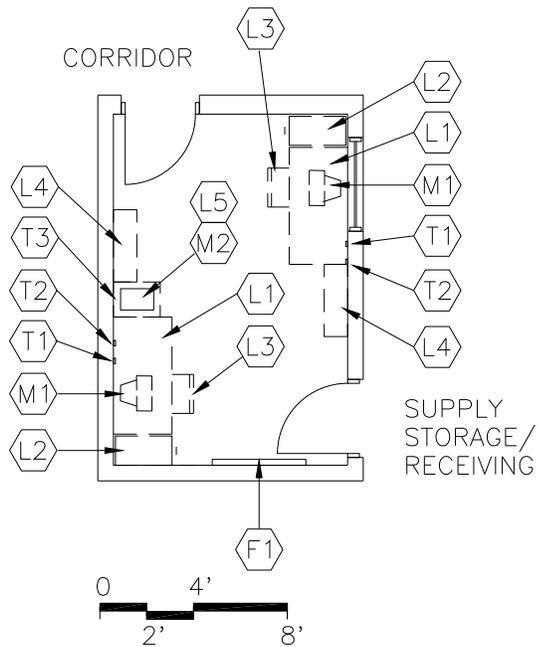
### Maintenance & Custodial Space Requirements

Spaces	Suggested			Comments
	Qty.	S.F.	Total	
Receiving and storage	1	450	450	
Facilities Manager	1	80	80	
Custodial Office	1	140	140	
Toilet/Showers/Lockers	2	125	250	
<b>Total</b>			<b>920</b>	

DRAFT

**CUSTODIAL OFFICE**

**M-EC-3**



**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 Supply Storage/Receiving
- Access to corridor

**ENVIRONMENTAL CONSIDERATIONS:**

- Uniform lighting
- Electrical outlets for equipment
- Visual control of supply storage/receiving

**CAPACITY:**

- Maintenance and custodial staff

**SIZE:**

- 150 SF

**ANCILLARY SPACES:**

- Supply Storage/Receiving (M-EC-2)

**NOTES:**

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

## Educational Specifications for Brookland Middle School

### CUSTODIAL OFFICE M-EC-3

<u>Finishes<sup>1</sup>:</u>	<u>Spec. Ref.#</u>	<u>Features<sup>1</sup>:</u>	<u>Spec. Ref.#</u>
Flooring: Resilient tile flooring	096519	Fixed Equipment: F1 Tack board (4 LF)	101100
Base: Resilient base	096519	<u>Fire Suppression:</u> Fire suppression system	Div. 21
Ceiling: Suspended, acoustical	095113	<u>Plumbing:</u> N/A	
Walls: Painted concrete masonry units 042000 / 099123		<u>HVAC:</u> Supply/return air system Independent temperature control	Div. 23
<u>Loose Furnishings:</u> L1 desk L2 four-drawer file cabinet L3 2 ergonomic task chairs L4 Adjustable height bookshelves (12 LF) L5 Printer table Wastebasket		<u>Electrical:</u> Duplex receptacles TVSS protected quad receptacle adjacent to data port Single-level switching Fluorescent lighting Illumination level: See Table 7600-16 Clock Central sound system	Div. 26
		<u>Communications<sup>2</sup>:</u> T1 2 data ports T2 2 voice ports and phones T3 Data port for printer	Div. 27
		<u>Electronic Safety and Security:</u> Life safety devices per code	Div. 28
		<u>Miscellaneous:</u> M1 2 computers M2 Printer	

#### NOTES:

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