

**Eaton Elementary School
Modernization Program
Prepared: June 22, 2017**

School: Eaton Elementary School
Address: 3301 Lowell St. NW Washington, DC 20008
Grades Served: PK4 - 5
SY17-18 Enrollment: 477 students
Future Student Enrollment: 490 students
Programs:

Eaton Elementary School, located in Ward 3 is an elementary school that serves students grades Prekindergarten (age 4) through grade 5. In School Year 2017-2018 Eaton's enrollment was 477 students. After review of the DC Office of Planning population, the DCPS student enrollment team expects enrollment to grow to 490 students by School Year 2025-2026.

The draft sheet for the 490- future student enrollment and the educational specification front-end narrative are included in the appendix. The programmatic requirements are subject to change. As part of the design process, the selected design team shall participate in continuous visioning sessions to better understand the community vision and school culture.

The existing site poses many challenges in that it is one of DCPS' smaller sites in terms of outdoor space per student. A core part of the design for this project will be producing an extremely efficient design that maximizes all available outdoor space for student use. A Feasibility Study was performed for this project in Spring 2018 to evaluate the site constraints and condition of the existing facilities. It also evaluated the new educational specification program against the site and existing facility. In addition to this analysis, the study included several potential design solutions for expanding the school for the new modernization to meet the new educational specifications.

At the end of the study no final design option was chosen to move forward. As part of the full modernization design the new Design Team will be required to review the Feasibility Study and further investigate potential conceptual solutions for the full modernization. Please note, one of the options in the Feasibility Study explored demolishing the existing multi-purpose room and building a new addition in its place. DCPS has engaged the Historic Preservation Office and learned that demolition of the existing multi-purpose space would likely not be supported by the Historic Preservation Review Board given the significance of the demolition and would need to go to the Mayor's Agent for approval, which

poses additional challenges. However, as part of the conceptual design phase, DCPS would still like the Design Team to explore an option that demolishes the existing multi-purpose room and the improved educational benefits this may or may not provide for DCPS to review. This should be alongside other options that keep the existing multi-purpose room. As the Design Team explores different options, if modifications to the program are necessary due to the site constraints, the design team should review and make recommendations to DCPS.



| | | | |
|-------------------------|--------|-------------|-----------------|
| Enrollment | 490 | School Type | Elementary |
| Lunch Periods | 3 | Staff | 80 |
| Title One | No | | |
| Count of TS | 37 | | |
| 100% Efficient Capacity | 590 | Other | Other Drop Down |
| Total SQFT | 76,517 | Other | Other Drop Down |

Academic Spaces

| Space | Description | Qty | Size | Total |
|------------------|----------------------------------------------------|----------|-------------|---------------|
| E-ACA-1 | Pre-S/Pre-K | 2 | 1025 | 2,050 |
| E-ACA-1a | Kindergarten/Grade 1 Classroom | 8 | 1025 | 8,200 |
| E-ACA-1b | Pre-S/Pre-K/Kindergarten/Grade 1 Classroom storage | 10 | 100 | 1,000 |
| E-ACA-2 | Early Childhood/Montessori | Optional | 1125 | 0 |
| E-ACA-3 | Pre-S/Pre-K/Kindergarten/Grade 1 Restroom | 10 | 60 | 600 |
| E-ACA-4 | Early Elementary Resource / Small Group Room | 0 | 0 | 0 |
| E-ACA-5 | Outdoor Storage - Early Childhood | 1 | 0 | 0 |
| E-ACA-6 | Grades 2-5 Classroom | 14 | 900 | 12,600 |
| E-ACA-7 | Specials Lab | 1 | 1000 | 1,000 |
| E-ACA-8 | Discovery Commons Activity Area | 1 | 2000 | 2,000 |
| E-ACA-9 | Resource / Small Group Room | 5 | 360 | 1,800 |
| E-ACA-10 | Self-Contained Classroom Grades 2-5 | 0 | 900 | 0 |
| E-ACA-10a | Self-Contained Classroom Grades Pre-S - 1 | 0 | 1025 | 0 |
| E-ACA-10b | Self-Contained Classroom Grades Pre-S - 1 restroom | 0 | 60 | 0 |
| E-ACA-10c | Self-Contained Classroom Grades Pre-S - 1 storage | 0 | 100 | 0 |
| E-ACA-11 | OT / PT | 2 | 450 | 900 |
| E-ACA-12 | Speech / OT / PT shared storage | 2 | 150 | 300 |
| E-ACA-13 | Independent Area | 0 | 75 | 0 |
| E-ACA-14 | Special Education Coordinator Office | 0 | 150 | 0 |
| E-ACA-15 | Teacher Collaboration Room | 3 | 300 | 900 |
| E-ACA-16 | General classroom storage | 1 | 200 | 200 |
| E-ACA-16a | Leveled reading storage room | 1 | 300 | 300 |
| E-ACA-16b | Laptop cart storage | 3 | 75 | 225 |
| E-ACA-17 | Outdoor Classroom | 1 | 0 | 0 |
| E-ACA-18 | Garden | 1 | Garden Size | Garden Size |
| E-ACA-19 | Speech | 1 | 150 | 150 |
| E-ACA-20 | Specials Office/Storage | 1 | 250 | 250 |
| Sub-Total | | | | 32,475 |

Library Spaces

| Space | Description | Qty | Size | Total |
|------------------|-----------------------------------|-----|------|--------------|
| E-LIB-1 | Reading/Learning/Circulation Room | 1 | 2500 | 2,500 |
| E-LIB-2 | Makerspace | 1 | 500 | 500 |
| E-LIB-3 | Small Group Room | 2 | 150 | 300 |
| E-LIB-4 | Combined Office / Workroom | 1 | 400 | 400 |
| E-LIB-5 | Conference Room | 1 | 250 | 250 |
| Sub-Total | | | | 3,950 |

Visual Arts

| Space | Description | Qty | Size | Total |
|------------------|-------------|-----|------|--------------|
| E-VA-1 | Art Lab | 1 | 1000 | 1,000 |
| E-VA-2 | Kiln Room | 1 | 60 | 60 |
| E-VA-3 | Art Storage | 1 | 150 | 150 |
| Sub-Total | | | | 1,210 |

Performing Arts Spaces

| Space | Description | Qty | Size | Total |
|------------------|-----------------------|-----|------|--------------|
| E-PA-1 | General Music Room | 1 | 900 | 900 |
| E-PA-2 | General Music Storage | 1 | 250 | 250 |
| Sub-Total | | | | 1,150 |

Physical Education Spaces

| Space | Description | Qty | Size | Total |
|--------------------------------------------------------------------------------------------------|------------------|-----|------|------------------|
| E-PE-1 | Gymnasium | 1 | 3400 | 3,400 |
| E-PE-2 | Stage (optional) | 1 | 700 | 700 |
| E-PE-3 | Office | 1 | 150 | 150 |
| E-PE-4 | Gym Storage | 1 | 300 | 300 |
| E-PE-5 | Chair Storage | 1 | 150 | 150 |
| E-PE-6 | Bicycle Storage | 1 | 250 | 250 |
| E-PE-7 | Outdoor Storage | 1 | 0 | 0 |
| E-PE-8 | Playgrounds | 1 | 0 | 0 |
| <i>If Dining and Gymnasium are adjacent, maximum SF shall be 5,000 SF between the two spaces</i> | | | | Sub-Total |
| | | | | 4,950 |

Admin Spaces

| Space | Description | Qty | Size | Total |
|------------------|-----------------------------|----------|----------|--------------|
| E-AD-1 | Entrance Lobby | Gross Up | Gross Up | - |
| E-AD-2 | Welcome Center | 1 | 545 | 545 |
| E-AD-3 | Security Area | 1 | 75 | 75 |
| E-AD-4 | Conference Room | 1 | 200 | 200 |
| E-AD-5 | Principal's Office | 1 | 200 | 200 |
| E-AD-6 | Administrative Office | 2 | 150 | 300 |
| E-AD-7 | Administrative Workroom | 1 | 250 | 250 |
| E-AD-8 | Records Room | 1 | 150 | 150 |
| E-AD-9 | Parent Resource Center | 1 | 200 | 200 |
| E-AD-10 | Counselor's Office | 2 | 150 | 300 |
| E-AD-11 | Student Services | 2 | 150 | 300 |
| E-AD-12 | Student Services Conference | 1 | 200 | 200 |
| E-AD-13 | After School Program Office | 1 | 300 | 300 |
| E-AD-14 | Staff Lounge | 1 | 400 | 400 |
| E-AD-15 | Wellness / Lactation Room | 1 | 150 | 150 |
| Sub-Total | | | | 3,570 |

Health Services Spaces

| Space | Description | Qty | Size | Total |
|------------------|----------------|-----|------|------------|
| E-HS-1 | Waiting Area | 1 | 150 | 150 |
| E-HS-2 | Treatment Area | 1 | 150 | 150 |
| E-HS-3 | Cots | 1 | 100 | 100 |
| E-HS-4 | Office | 1 | 100 | 100 |
| E-HS-5 | Storage | 1 | 25 | 25 |
| E-HS-6 | Toilet | 1 | 50 | 50 |
| Sub-Total | | | | 575 |

Student Dining Spaces

| Space | Description | Qty | Size | Total |
|---------|----------------------------|-----|------------------|--------------|
| E-SD-1 | Student Dining Area | 1 | 2613 | 2,613 |
| E-SD-2 | Multipurpose | 0 | 5000 | 0 |
| E-SD-3 | Stage (optional) | 0 | 700 | 0 |
| E-SD-4 | Chair / Table Storage | 1 | 200 | 200 |
| E-SD-5 | Kitchen / Food Preparation | 1 | 650 | 650 |
| E-SD-6 | Serving Area | 1 | 300 | 300 |
| E-SD-7 | Dry Food Storage | 1 | 300 | 300 |
| E-SD-8 | Freezer / Cooler | 1 | 250 | 250 |
| E-SD-9 | Ware Washing | 1 | 150 | 150 |
| E-SD-10 | Cleaning Storage | 1 | 60 | 60 |
| E-SD-11 | Food Service Office | 1 | 150 | 150 |
| E-SD-12 | Toilet / Lockers | 1 | 150 | 150 |
| | | | Sub-Total | 4,823 |

If Dining and Gymnasium are adjacent, maximum SF shall be 5,000 SF between the two spaces

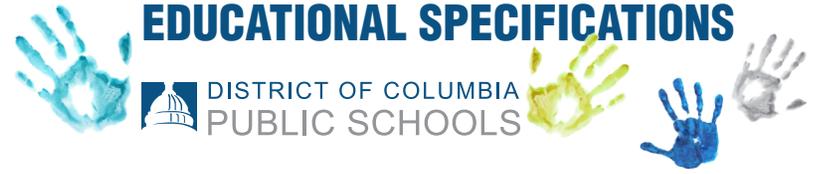
Building Services

| Space | Description | Qty | Size | Total |
|---------|-----------------------------------|----------------------|------------------|--------------|
| E-BS-1 | Supply Storage | 1 | 150 | 150 |
| E-BS-2 | Toilet/Shower/Locker Room | 1 | 150 | 150 |
| E-BS-3 | Custodial / DGS Office | 2 | 150 | 300 |
| E-BS-4 | Large Group Restrooms | Included in Gross Up | | - |
| E-BS-5 | Custodial Closet | 9 | 25 | 225 |
| E-BS-6 | Electrical Closet | Included in Gross Up | | - |
| E-BS-7 | MDF room | 1 | 200 | 200 |
| E-BS-7a | IDF room | 3 minimum | 100 | 300 |
| E-BS-8 | Corridors | Included in Gross Up | | - |
| E-BS-9 | Mechanical/Electrical Space/Decks | Included in Gross Up | | - |
| E-BS-10 | Custodial Equipment Storage | 1 | 300 | 300 |
| E-BS-11 | Central Storage Area | 1 | 490 | 490 |
| E-BS-12 | Receiving Area | 1 | 150 | 150 |
| E-BS-13 | Staff Restroom | Gross Up | 65 | - |
| E-BS-14 | Family Restroom | Gross Up | 65 | - |
| E-BS-15 | Technology Storage | Included in Gross Up | | - |
| E-BS-16 | Laundry Room | 1 | 80 | 80 |
| | | | Sub-Total | 2,345 |

| | | |
|------------------------|-----|---------------|
| Building Subtotal | | 55,048 |
| Building Gross-up | 39% | 21,469 |
| Building Total Sq. Ft. | | 76,517 |



EDUCATIONAL SPECIFICATIONS



**ELEMENTARY SCHOOL
PROTOTYPE PROGRAM**



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E-ACA /// **ACADEMIC CORE AREA**

PRE-S/PRE-K/KINDERGARTEN/1ST GRADE
CLASSROOM

EARLY CHILDHOOD MONTESSORI CLASSROOM
(OPTIONAL)

PRE-S/PRE-K/KINDERGARTEN/1ST GRADE
RESTROOM

EARLY ELEMENTARY RESOURCE / SMALL GROUP
ROOM

OUTDOOR STORAGE-EARLY CHILDHOOD
GRADES 2-5 CLASSROOM

PROJECT LAB / SCIENCE LAB

DISCOVERY COMMONS ACTIVITY AREA
RESOURCE / SMALL GROUP ROOM

SELF-CONTAINED CLASSROOM

SPEECH / OT / PT

SPEECH / OT / PT STORAGE

INDEPENDENT AREA

SPECIAL EDUCATION COORDINATOR OFFICE

TEACHER COLLABORATION ROOM

TEXTBOOK / CART STORAGE

OUTDOOR CLASSROOM

GARDEN

| SPACE | 325 STUDENTS | | | 400 STUDENTS | | | 500 STUDENTS | | | 700 STUDENTS | | |
|-----------------------------------------------|--------------|-------|---------------|--------------|-------|---------------|--------------|-------|---------------|--------------|-------|---------------|
| | QTY | SF | TOTAL |
| ACADEMIC CORE AREA | | | | | | | | | | | | |
| Pre-S/Pre-K/Kindergarten /1st Grade Classroom | 7 | 1,125 | 7,875 | 9 | 1,125 | 10,125 | 10 | 1,125 | 11,250 | 13 | 1,125 | 14,625 |
| Early Childhood Montessori** | -- | 1,125 | -- | -- | 1,125 | -- | -- | 1,125 | -- | -- | 1,125 | -- |
| Pre-S/Pre-K/Kindergarten/ Restroom | 7 | 50 | 750 | 9 | 50 | 750 | 10 | 50 | 700 | 13 | 50 | 700 |
| Early Elementary Resource/ Small Group Room | 2 | 450 | 350 | 2 | 450 | 450 | 2 | 450 | 500 | 2 | 450 | 650 |
| Outdoor Storage-Early Childhood | 1 | 200 | 200 | 1 | 200 | 200 | 1 | 200 | 200 | 1 | 200 | 200 |
| Grades 2-5 Classroom | 8 | 900 | 7,200 | 8 | 900 | 7,200 | 12 | 900 | 10,800 | 16 | 900 | 14,400 |
| Project Lab/Science Lab | 1 | 1,000 | 1,000 | 1 | 1,000 | 1,000 | 1 | 1,000 | 1,000 | 1 | 1,000 | 1,000 |
| Discovery Commons Activity Area | 1 | 1,625 | 1,625 | 1 | 2,000 | 2,000 | 1 | 2,500 | 2,500 | 1 | 3,500 | 3,500 |
| Resource/Small Group Room | 3 | 360 | 1,080 | 4 | 360 | 1,440 | 5 | 360 | 1,800 | 7 | 360 | 2,520 |
| Self Contained Classroom | 1 | 900 | 900 | 1 | 900 | 900 | 2 | 900 | 1,800 | 2 | 900 | 1,800 |
| Speech/OT/PT | 2 | 450 | 900 | 2 | 450 | 900 | 2 | 450 | 900 | 3 | 450 | 1,350 |
| Speech/OT/PT Storage | 2 | 150 | 300 | 2 | 150 | 300 | 2 | 150 | 300 | 3 | 150 | 450 |
| Independent Area* | 1 | 75 | 75 | 1 | 75 | 75 | 1 | 75 | 75 | 1 | 75 | 75 |
| Special Education Coordinator Office | 3 | 150 | 450 | 3 | 150 | 450 | 3 | 150 | 450 | 3 | 150 | 450 |
| Teacher Collaboration Room | 3 | 300 | 900 | 4 | 300 | 1,200 | 4 | 300 | 1,200 | 5 | 300 | 1,500 |
| Textbook/Cart Storage | 5 | 200 | 1,000 | 5 | 200 | 1,000 | 5 | 200 | 1,000 | 5 | 200 | 1,000 |
| Outdoor Classrooms Garden** | 1 | 900 | 900 | 1 | 900 | 900 | 1 | 900 | 900 | 1 | 900 | 900 |
| | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TOTAL | | | 25,255 | | | 28,640 | | | 35,375 | | | 45,320 |

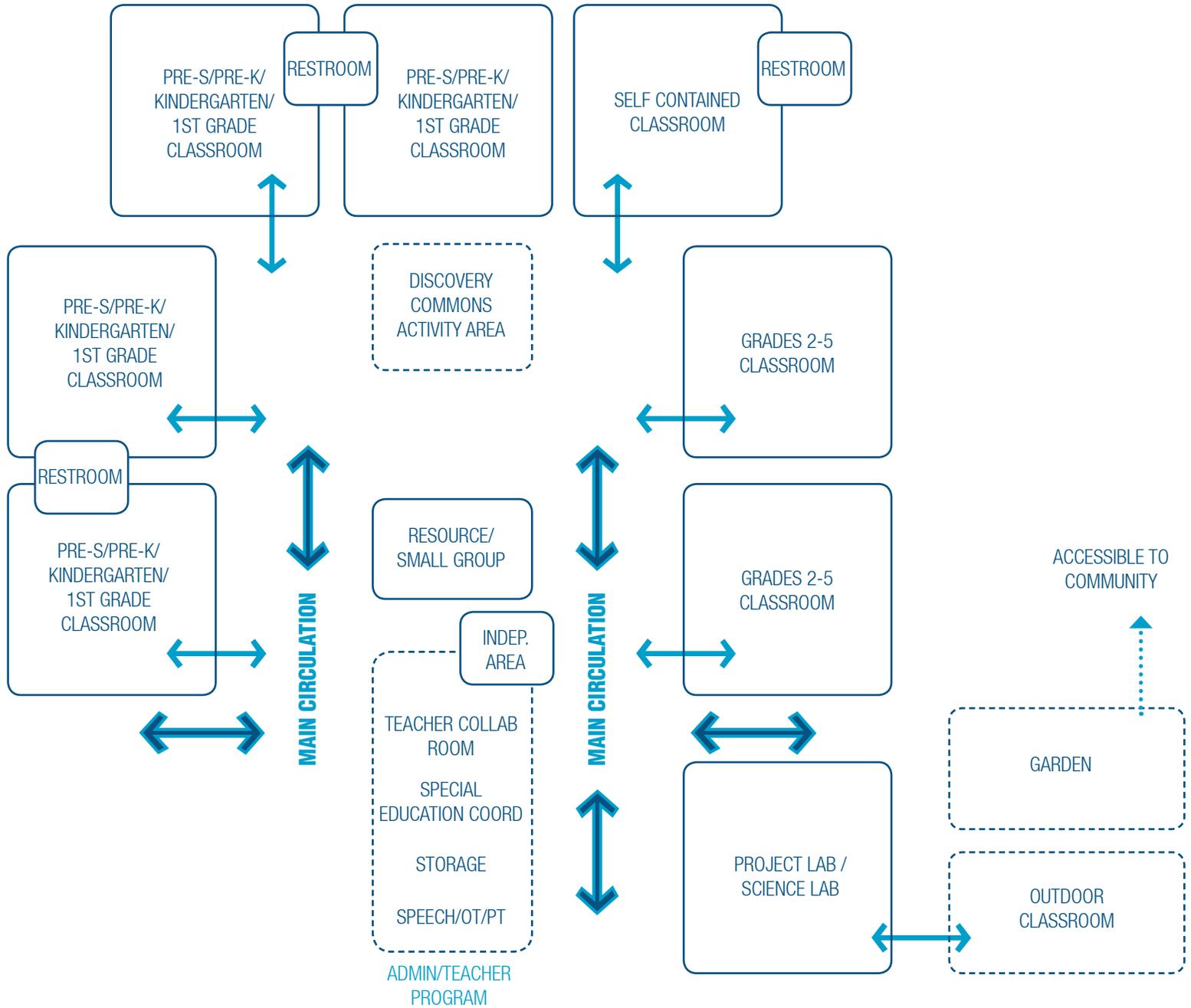
Comments //

*Independent Areas must be provided for certain Special Education programs. If these Special Education programs are not offered at a particular school, these areas are not required. The determination to include or exclude these programs will be made during the site-specific Ed Spec process.

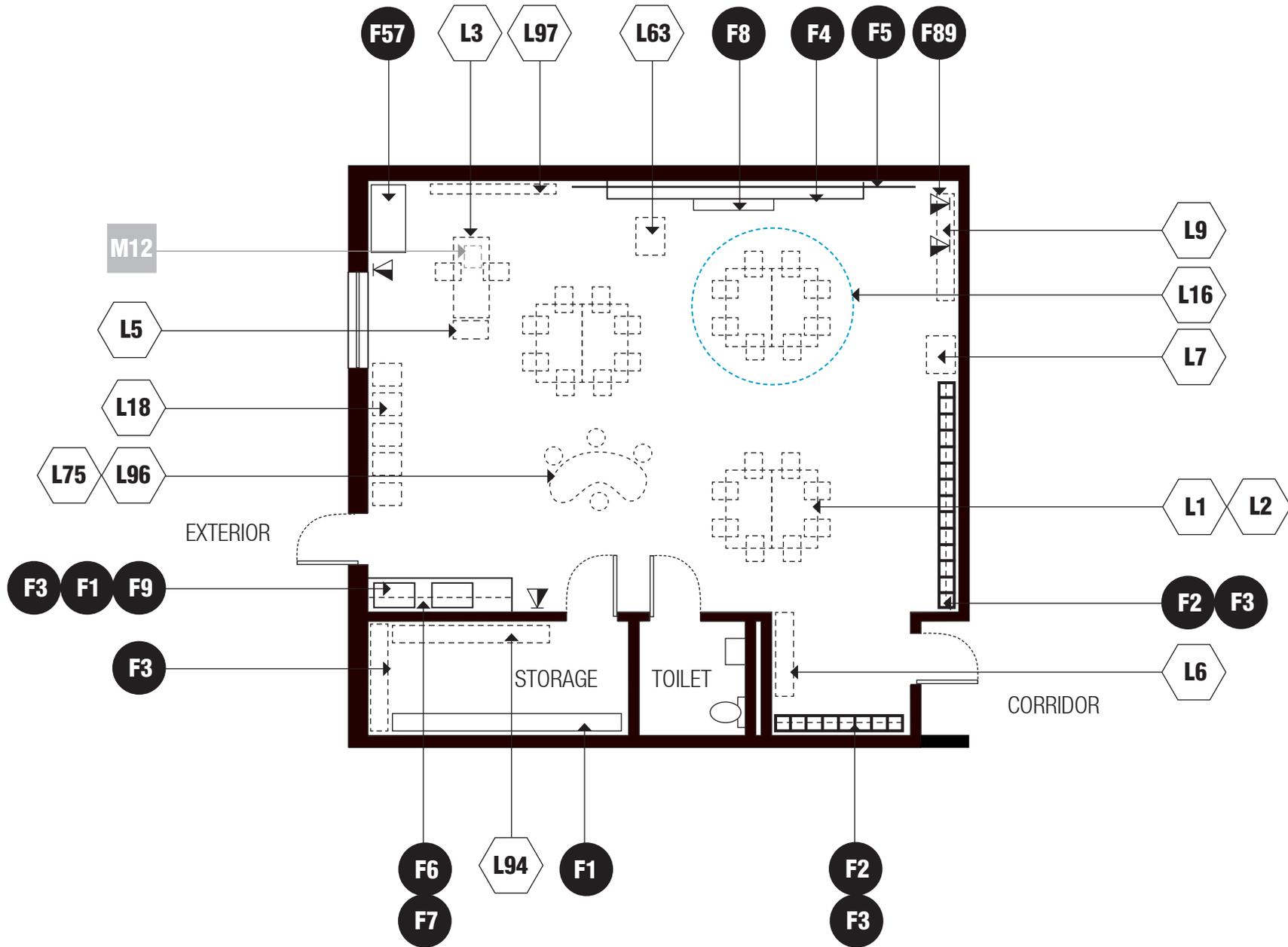
**This space is optional. The inclusion of this space will be determined during the site-specific Ed Spec process and approved by DCPS.

Note: In this document, staff assumptions were made to ensure staff spaces were approximately correct at each capacity model. Specific square footage requirements and quantity of spaces will be completed during the site specific ed spec process. Assumptions for the capacity model are:

325 students : 51 staff; 400 students : 57 staff; 500 students : 66 staff; 700 students: 81 staff.



ACADEMIC CORE AREA ADJACENCY DIAGRAM



E-ACA-1 /// PRE-S / PRE-K / KINDERGARTEN / 1ST GRADE CLASSROOM

size

1,125 SF

capacity/users

16-25 students

2 teachers

parents/aides/staff members

ancillary spaces

pre-s/pre-k/kindergarten/1st grade

restroom (E-ACA-3)

storage closet

spatial relationships

access to outside if possible

group classrooms for potential teaming

designate area for cot storage (stacked)

locate coat cubbies near door

locate at first floor for emergency

evacuations if possible

centers in the classroom may include:

housekeeping

blocks

library / books

writing table

art

sand and water tables

goals

to foster self-discipline, independence,
and responsibility

to help children develop positive concepts
about themselves and their

capabilities

to encourage and develop independent

thinking and good work habits

to develop language as a tool of learning

and as a means of communication

to provide and develop fundamental

academic, social, emotional, physical,

and thinking skills

activities

whole group

teacher directed

small group

one-on-one instruction

cooperative learning

discovery

language arts

inquiry

environmental considerations

windows to provide natural light and egress

adequate ventilation

electrical outlets for equipment

environmental sound control

uniform and controllable lighting

proportion classroom for effective viewing

and listening from all areas of the

classroom

window treatment to darken room for AV

presentation

consider placement of one-way mirrors to

observe early childhood students
from adjacent space - a small
observation room could be placed
between each pair of classrooms
with visual access to both rooms
lite in door for visual access and
security purposes

● LEGEND ///

fixed furnishings

F1 base/wall cabinets and shelving (12-24 LF above and below sinks, lockable)

F2 student cubbies (24-30, 11"W x 13"D x 12"H, can double stack as long as they remain at student height)

F3 wall shelving (30"-36" height, lockable)

F4 marker board (6 LF minimum)

F5 tackable/magnetic wall surface (6 LF minimum)

F6 soap dispenser

F7 towel dispenser

F8 wall-mounted interactive electronic presentation device

F9 classroom sink with bubbler

▶ F57 30" itinerant / aid station

F89 data drop



loose furnishings

L1 stackable/nesting chairs (25)

L2 stackable/nesting tables (4-5)

L3 teacher work surface with mobile storage and two chairs

L5 four drawer lateral file cabinet

L6 mobile shelving (various)

L7 teacher's lockable wardrobe (18"x18")

L9 sand/water table, kitchen, art cart, etc.

L16 bound group rug (1)

L18 lounge chairs (5)

L63 resource media cart (optional)

L75 kidney table

L94 flat storage

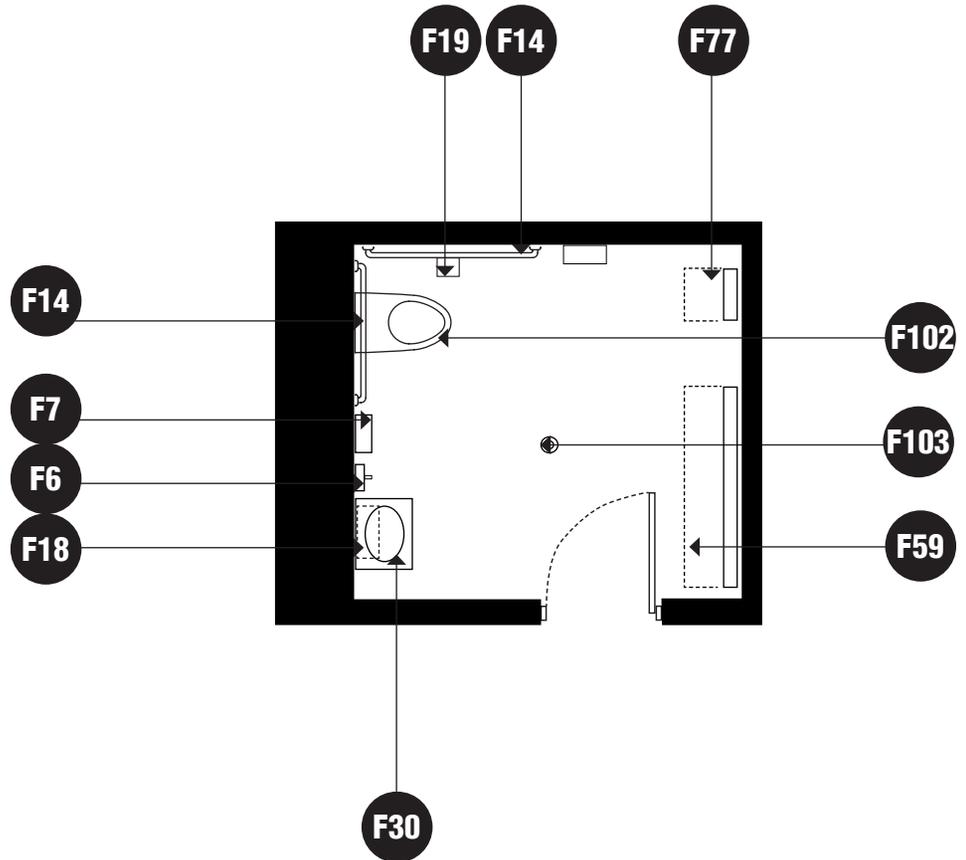
L96 kidney table stool (3-5)

L97 bookcase (25 LF)

■ **AV & IT equipment**

M12 laptop computer

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E-ACA-3 /// PRE-S / PRE-K / KINDERGARTEN / 1ST GRADE RESTROOM

size

50 SF

capacity/users

1 student

ancillary spaces

pre-s/pre-k/kindergarten/1st grade
classroom (E-ACA-1)
early childhood montessori (E-ACA-2)

spatial relationships

n/a

goals

to provide age appropriate private health
space

activities

private health needs

environmental considerations

environmental sound control
uniform and controllable lighting

● LEGEND ///

fixed furnishings

- F6 soap dispenser
- F7 towel dispenser
- F14 grab bars (36" and 42")
- F18 mirror
- F19 toilet tissue holder
- F30 bathroom sink
- F59 changing table
- F77 mounted child seat
- F102 toilet
- F103 floor drain

*age appropriate sizing



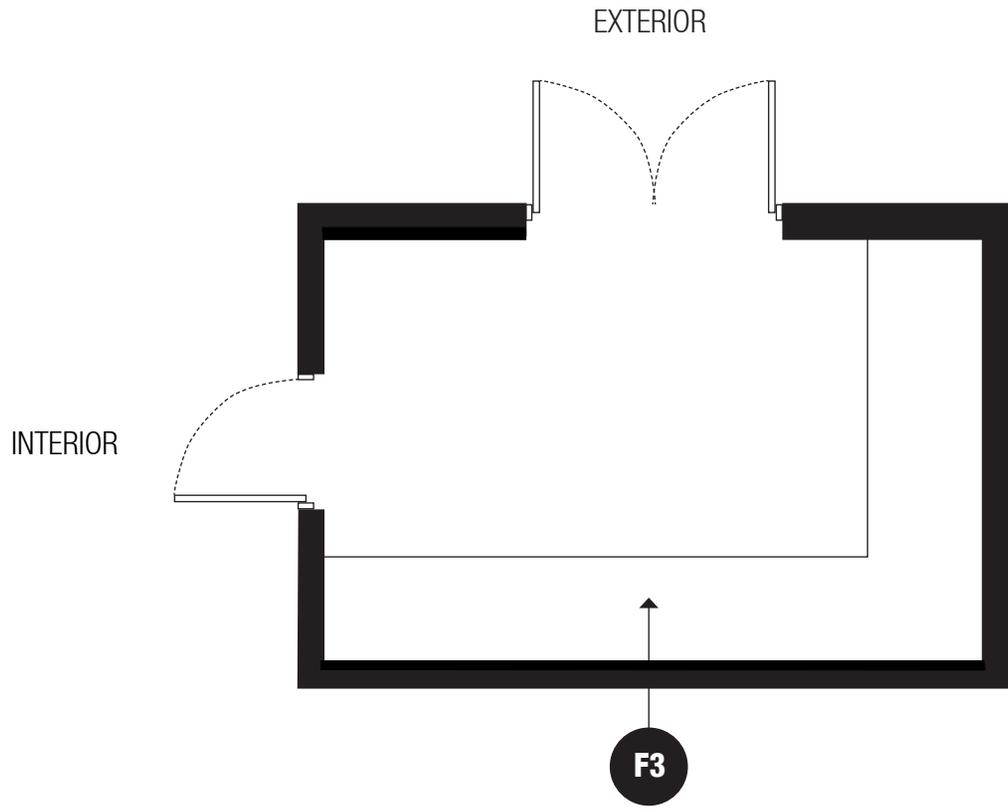
loose furnishings

n/a



AV & IT equipment

n/a



E-ACA-5 /// **OUTDOOR STORAGE - EARLY CHILDHOOD**

size

200 SF

capacity/users

2 staff members

ancillary spaces

n/a

spatial relationships

direct access to outdoors
near early childhood classrooms
direct access to interior corridor

goal

to provide storage for outdoor play
equipment and supplies

activities

storage of portable outdoor play
equipment

environmental considerations

uniform and controllable lighting
proper ventilation as necessary

LEGEND ///

● **fixed furnishings**

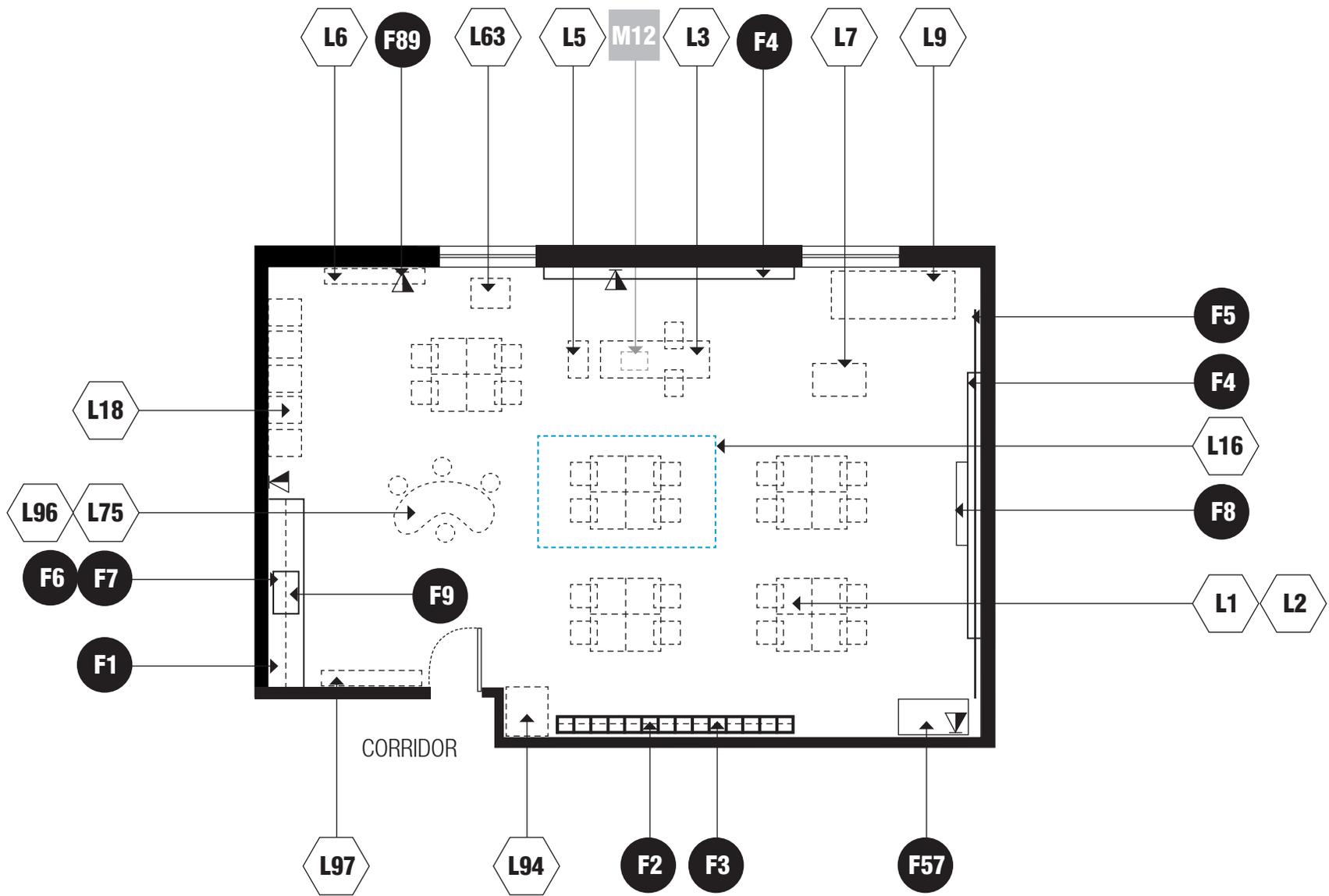
F3 wall shelving (10'-16' total - 84" high, 12",
24", or 30" deep)

⬡ **loose furnishings**

n/a

■ **AV & IT equipment**

n/a



E-ACA-6 /// GRADES 2 - 5 CLASSROOM

size

900 SF

capacity/users

20-25 students

1 teacher

staff members

guest speakers/volunteers

ancillary spaces

n/a

spatial relationships

group classrooms for the engagement of student collaboration

this space addresses student’s individual needs, interest and learning styles

located coat cubbies near door

located near bathrooms

two teaching/learning walls with student height marker boards and technology infrastructure

goal

a flexible and adaptable space designed as a learning centered environment that accommodates any of the core academic disciplines and supports frequent reconfiguration.

activities

large group instruction

small group instruction and group work

one-on-one instruction

individualized and differentiated work

computer instruction

team teaching

oral presentations

testing

environmental considerations

windows to provide natural light and egress

adequate ventilation

electrical outlets for equipment

environmental sound control

uniform and controllable lighting

proportion classroom for effective viewing and listening from all areas of the classroom

window treatment to darken room for AV presentation

lite in door for visual access and security purposes

LEGEND ///

● **fixed furnishings**

F1 base/wall cabinets and shelving (12-24

LF, above and below sinks, lockable)

F2 student cubbies (24-30, 11"W x 13"D

x 12"H, can double stack as long as they remain at student height)

F3 wall shelving (30"-36" height, lockable)

F4 marker board (6 LF minimum)

F5 tackable/magnetic surface (6 LF minimum)

F6 soap dispenser

F7 towel dispenser

F8 wall-mounted interactive electronic presentation device

F9 classroom sink with bubbler

F57 30" itinerant / aid station

▶ F89 data drop

◻ **loose furnishings**

L1 stackable/nesting chairs (25)

L2 stackable/nesting tables (4-5)

L3 teacher work surface with mobile storage and two chairs

L5 four drawer lateral file cabinet

L6 mobile shelving (various)

L7 teachers lockable wardrobe (18"x18")

L9 sand/water table, kitchen, art cart, etc

L16 bound group rug (1)

L18 lounge chairs (5)

L63 resource media cart (optional)

L75 kidney table

L94 flat storage

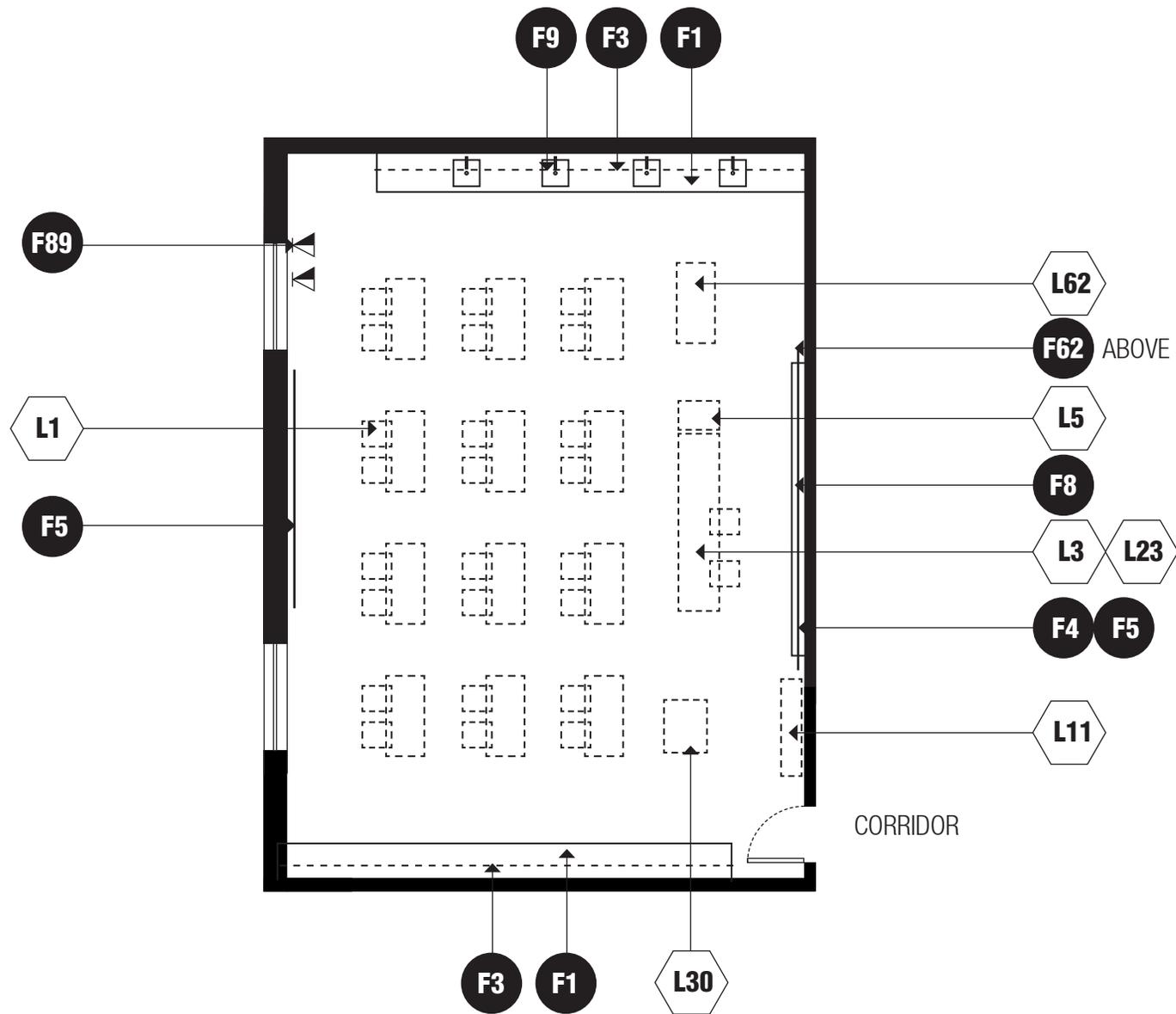
L96 kidney table stool (3-5)

L97 bookcase (25 LF)

■ **AV & IT equipment**

M12 laptop computer

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E-ACA-7 /// PROJECT LAB / SCIENCE LAB

size

1,000 SF

capacity/users

20-25 students

1 teacher

staff members

guest speakers/volunteers

ancillary spaces

n/a

spatial relationships

near academic core classrooms

near main corridor

near media center

near workroom/teacher office

adjacent to centralized storage

goals

to create an instructional space located in each academic area available on a scheduled basis by department or team of teachers

activities

direct instruction

research

student and class projects

cooperative learning groups

student display

teleconferencing

dry science

use of home chemicals

discovery

inquiry

environmental considerations

windows to provide natural light and egress

adequate ventilation

environmental sound control

uniform and controllable lighting

proportion classroom for effective viewing and listening from all areas of the classroom

window treatment to darken room for AV presentation

lite in door for visual access and security purposes

LEGEND ///**● fixed furnishings**

F1 base/wall cabinets and shelving (100 LF of base cabinets, 30" wall cabinets above all base cabinets, lockable)

F3 wall shelving (lockable)

F4 marker board (on 2 walls, 6 LF minimum each)

F5 tackable/magnetic wall surface (6 LF minimum)

F8 wall mounted interactive electronic presentation device

F9 classroom sink with bubbler
F62 sound enhancement system

▶ F89 data drop

⬡ loose furnishings

L1 stackable/nesting chairs

L3 teacher work surface with mobile storage and two chairs

L5 four drawer lateral file cabinet

L11 adjustable height bookshelves

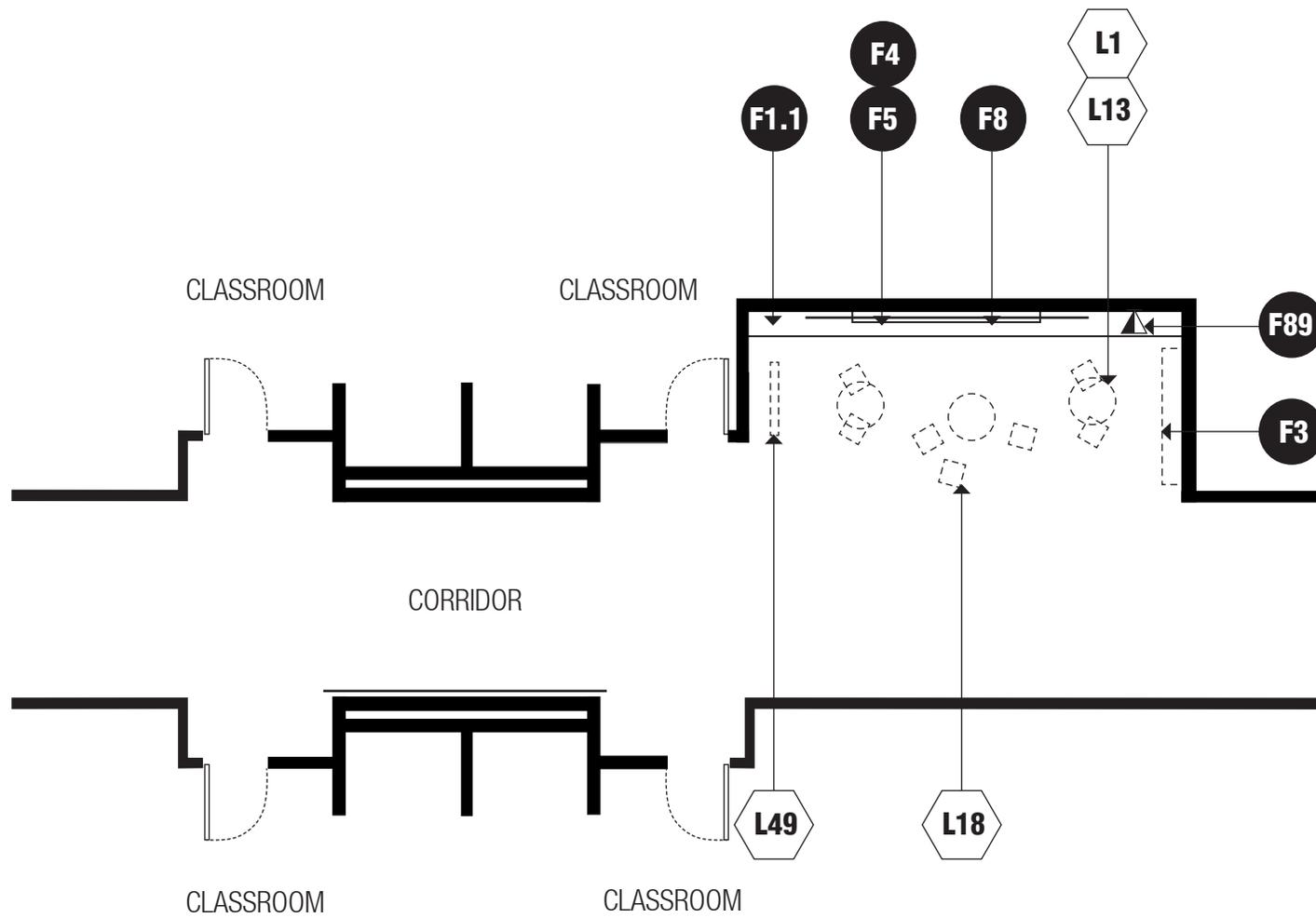
L23 computer desk return

L30 mobile a/v cabinet

L62 two person adjustable table on casters

■ AV & IT equipment

n/a



E-ACA-8 /// DISCOVERY COMMONS ACTIVITY AREA

size

1,625-3,500 SF (distributed throughout school)

capacity/users

4-25 students

1-2 teachers

ancillary spaces

n/a

spatial relationships

integrated into circulation

located within classroom clusters

goal

to provide flexible, shared learning support space for various group sizes and activities

activities

collaborative learning centers

story telling

team activities

individual activities

small presentation/performance space

environmental considerations

uniform and controllable lighting

environmental sound control

coordinate commons finishes and loose furnishings with corridors

coordinate plumbing/HVAC/electrical/technology needs with building's overall technology plan

provide borrowed lites for visual supervision from adjacent areas

LEGEND ///**● fixed furnishings**

TBD - based on age and school preference, may include:

F1.1 casework (countertops)

F3 wall shelving (lockable)

F4 marker board (6 LF minimum)

F5 tackable/magnetic wall surface (6 LF minimum)

F8 wall mounted interactive electronic presentation device (optional)

▶ F89 data drop

⬡ loose furnishings

mixture of the following to support multiple learning activities in multiple learning configurations:

L1 stackable/nesting chairs

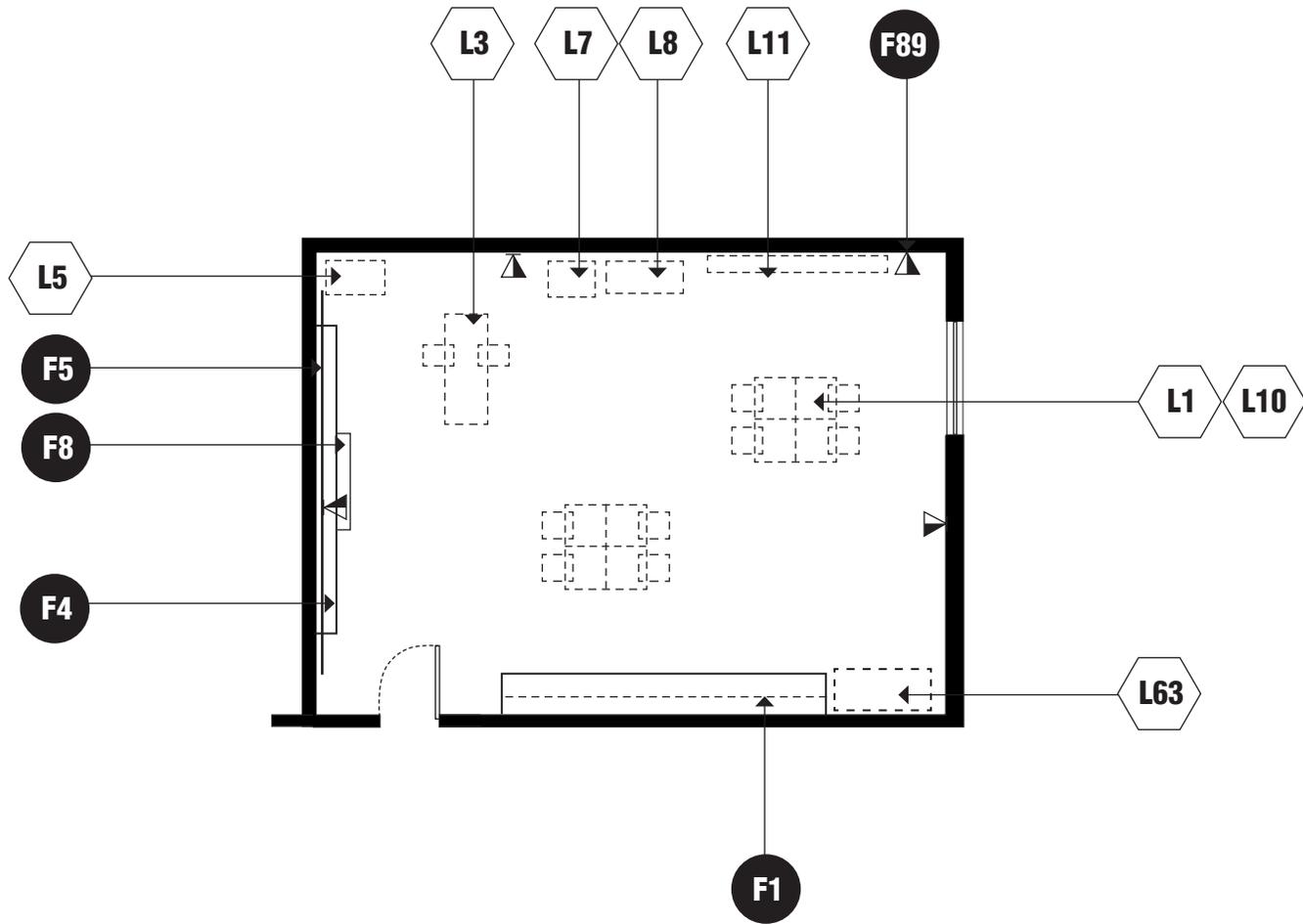
L13 small table(s)

L18 lounge chairs

L49 movable marker board

■ AV & IT equipment

n/a



E-ACA-9 /// RESOURCE / SMALL GROUP ROOM

size

360 SF

capacity/users

8-10 students

2 staff members

ancillary spaces

n/a

spatial relationships

located within academic core areas

goal

provide a flexible space to accommodate a variety of individualized and specialized instruction for a variety of academic disciplines

activities

small group work

independent instruction and work

reading, math, speech, etc.

one-on-one instruction

environmental considerations

windows to provide natural light and egress

adequate ventilation

electrical outlets for equipment

environmental sound control

uniform and controllable lighting

proportion classroom for effective viewing and listening from all areas of the classroom

window treatment to darken room for AV presentation

lite in door for visual access and security purposes

LEGEND ///**● fixed furnishings**

F1 base/wall cabinets and shelving (lockable)

F4 marker board (on 2 walls, 6 LF minimum each)

F5 tackable/magnetic wall surface (6 LF minimum)

F8 wall-mounted interactive electronic presentation device

▶ F89 data drop

⬡ loose furnishings

L1 stackable/nesting chairs (8-10)

L3 teacher work surface with mobile storage and two chairs

L5 four drawer lateral file cabinet

L7 teacher's lockable wardrobe (18"X18")

L8 tall cabinet with shelves

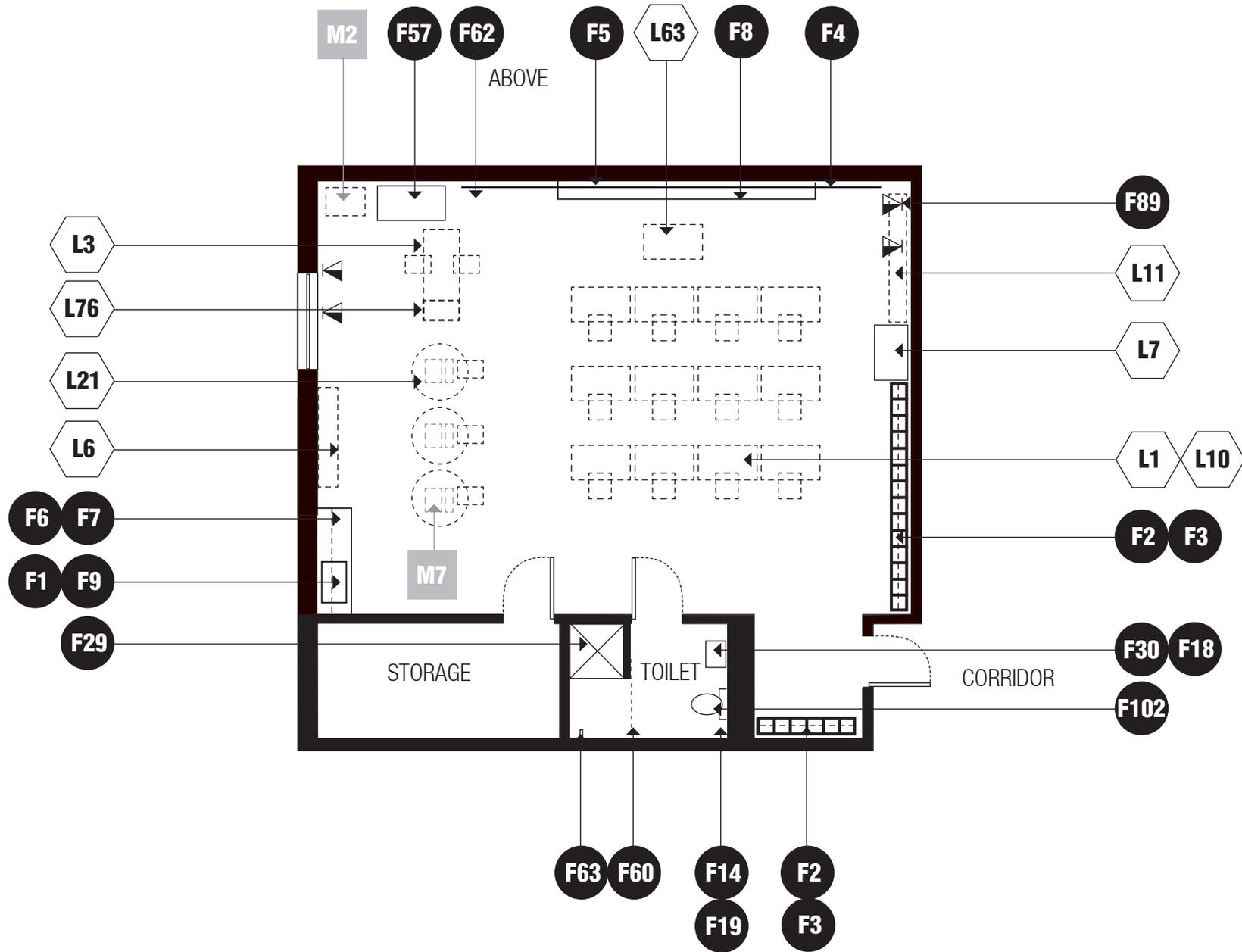
L10 student desks (8-10)

L11 adjustable height bookshelves

L63 resource media cart (optional)

■ AV & IT equipment

n/a



E-ACA-10 /// SELF CONTAINED CLASSROOM

size

900 SF

capacity/users

2 staff members

10-12 students

ancillary spaces

individual restroom with shower (optional)

storage closet

*every school needs a minimum of one specials needs suite (classroom, storage closet, and independent area) additional special needs classrooms do not require restrooms or independent areas

spatial relationships

near bus drop-off

near health clinic

elevator access

toilet access (CIC-clean intermittent catheterization, with shower)

accessible ingress / egress to the building and classroom areas

locate at first floor for emergency access

located and integrated within the academic core area

goal

provide an appropriate learning environment for students who have physical, emotional, or educational needs requiring a self-contained space for part or all of the day

activities

small group instruction and group work

independent work

individual instruction

environmental considerations

environmental sound control

uniform and controllable lighting

electrical outlets for equipment

general room exhaust (restroom only)

adequate ventilation

proportion classroom for effective viewing and listening from all areas of the classroom

windows to provide natural light and egress

window treatment to darken room for AV presentation

lite in door for visual access and security purposes

LEGEND ///

● **fixed furnishings**

F1 base/wall cabinets and shelving (lockable)

F2 student cubbies (10-15, 11"W x 13"D
x 12"H, can double stack as long as they
remain at student height)

F3 wall shelving

F4 marker board (on 2 walls, 6 LF minimum)

F5 tackable/magnetic wall surface (6 LF
minimum)

F6 soap dispenser

F7 towel dispenser

F8 wall-mounted interactive electronic
presentation device

F9 classroom sink with bubbler

F14 grab bars (36" and 42")

F18 mirror

F19 toilet tissue holder

F29 ADA shower accessories

F30 bathroom sink

F57 30" itinerant/aid station

F60 shower curtain / rod

F62 sound enhancement system

F63 towel hook

▶ F89 data drop

F102 toilet

◻ **loose furnishings**

L1 stackable/nesting chairs (13-17)

L3 teacher work surface with mobile storage
and two chairs

L6 mobile shelving (various)

L7 teachers lockable wardrobe (18"x18")

L10 student desks (10-12)

L11 adjustable height bookshelves

L21 work table (round) (3)

L63 resource media cart (optional)

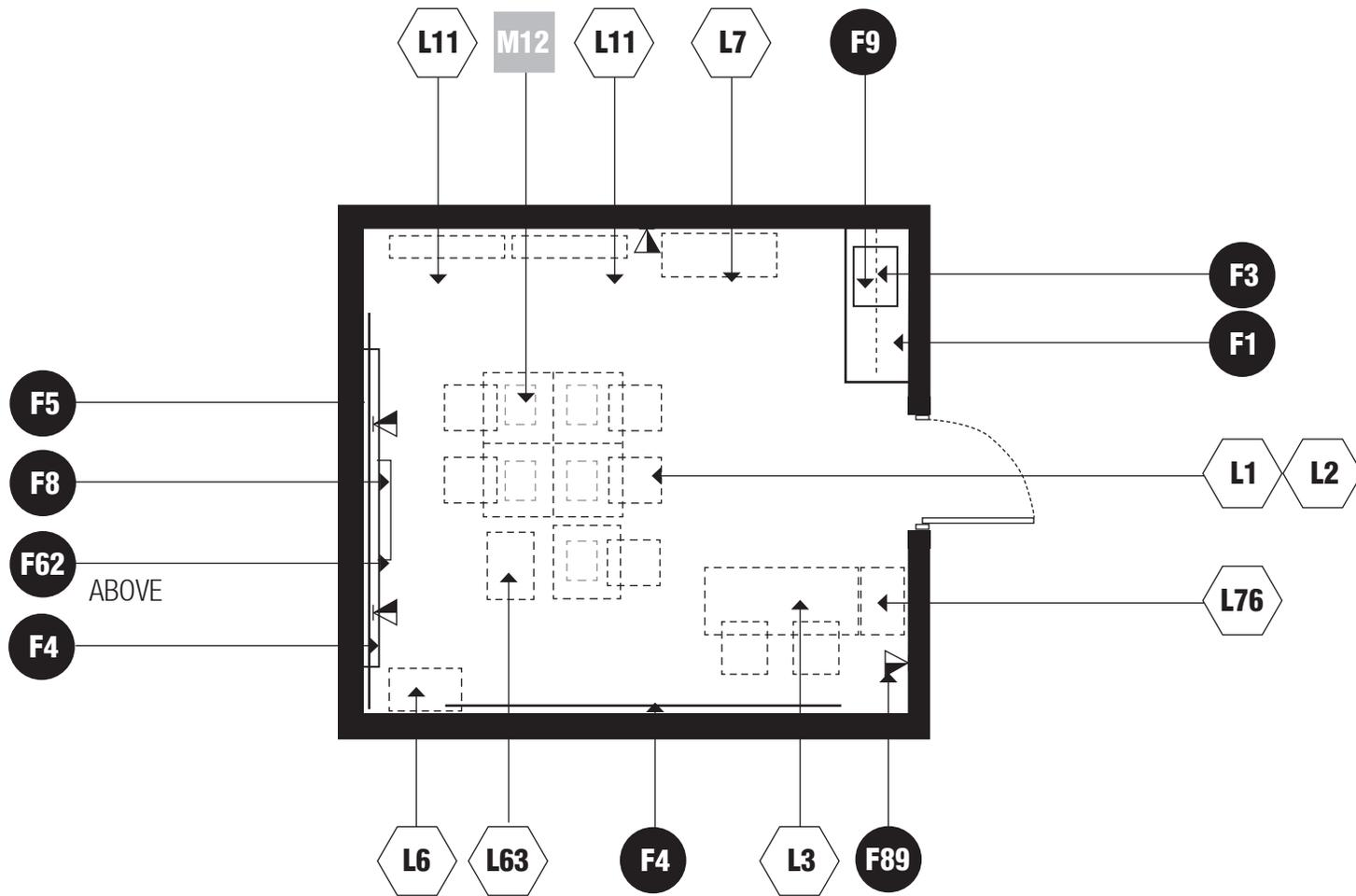
L76 filing cabinet

■ **AV & IT equipment**

M2 color printer

M7 desktop computer (3-5)

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size

450 SF

capacity/users

2-3 students

2 staff members

ancillary spaces

speech/ot/pt storage (E-ACA-12)

spatial relationships

near bus drop-off

near health clinic

elevator access

accessible ingress/egress to the building
and classroom areas

located and integrated within the
academic core area

locate at first floor for emergency
evacuations

goal

provide an appropriate learning
environment for students participating
in speech, occupational, and physical
therapy

activities

small group instruction and group work
independent work
individual instruction

environmental considerations

uniform and controllable lighting

adequate ventilation

windows to provide natural light and

egress

environmental sound control

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

lite in door for visual access and security
purposes

LEGEND ///**● fixed furnishings**

F1 base/wall cabinets and shelving (lockable)

F3 wall shelving

F4 marker board (on 2 walls, 6 LF minimum
each)

F5 tackable/magnetic wall surface (6 LF
minimum)

F8 wall mounted interactive electronic
presentation device

F9 classroom sink with bubbler

F62 sound enhancement system

▶ F89 data drop

⬡ loose furnishings

L1 stackable/nesting chairs (5)

L2 stackable/nesting tables (5)

L3 teacher work surface with mobile
storage and two chairs

L6 mobile shelving (various)

L7 teachers lockable wardrobe (18"x18")

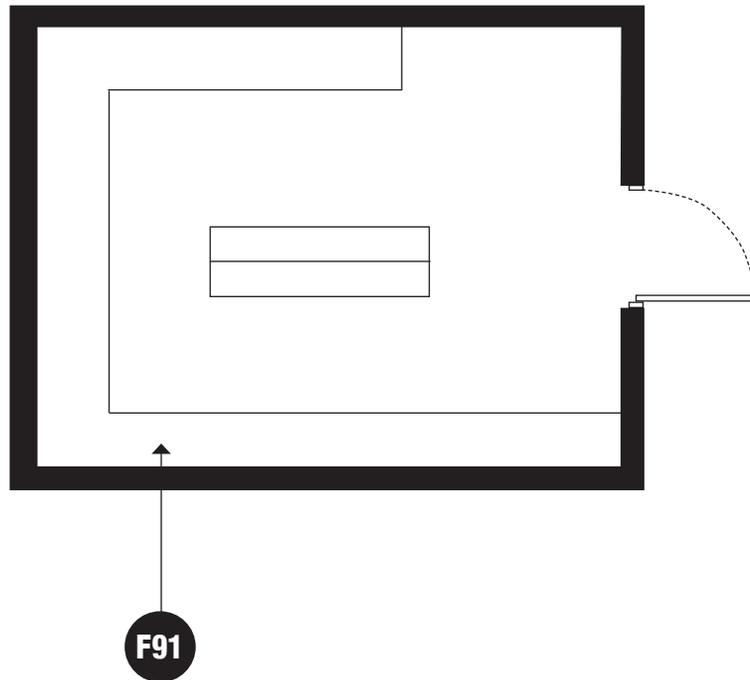
L11 adjustable height bookshelves

L63 resource media cart (optional)

L76 filing cabinet (lockable)

■ AV & IT equipment

M12 laptop computers (3-5)



E-ACA-12 /// **SPEECH / OT / PT STORAGE**

size

150 SF

capacity/users

1-2 staff members

ancillary spaces

speech/ot/pt (E-ACA-11)

spatial relationships

near academic core classrooms

near special needs classrooms

goal

provide storage space for occupational
and physical therapy apparatus and
supplies

activities

storage of therapy apparatus and supplies

environmental considerations

uniform and controllable lighting

electrical outlets for equipment

LEGEND ///

● **fixed furnishings**

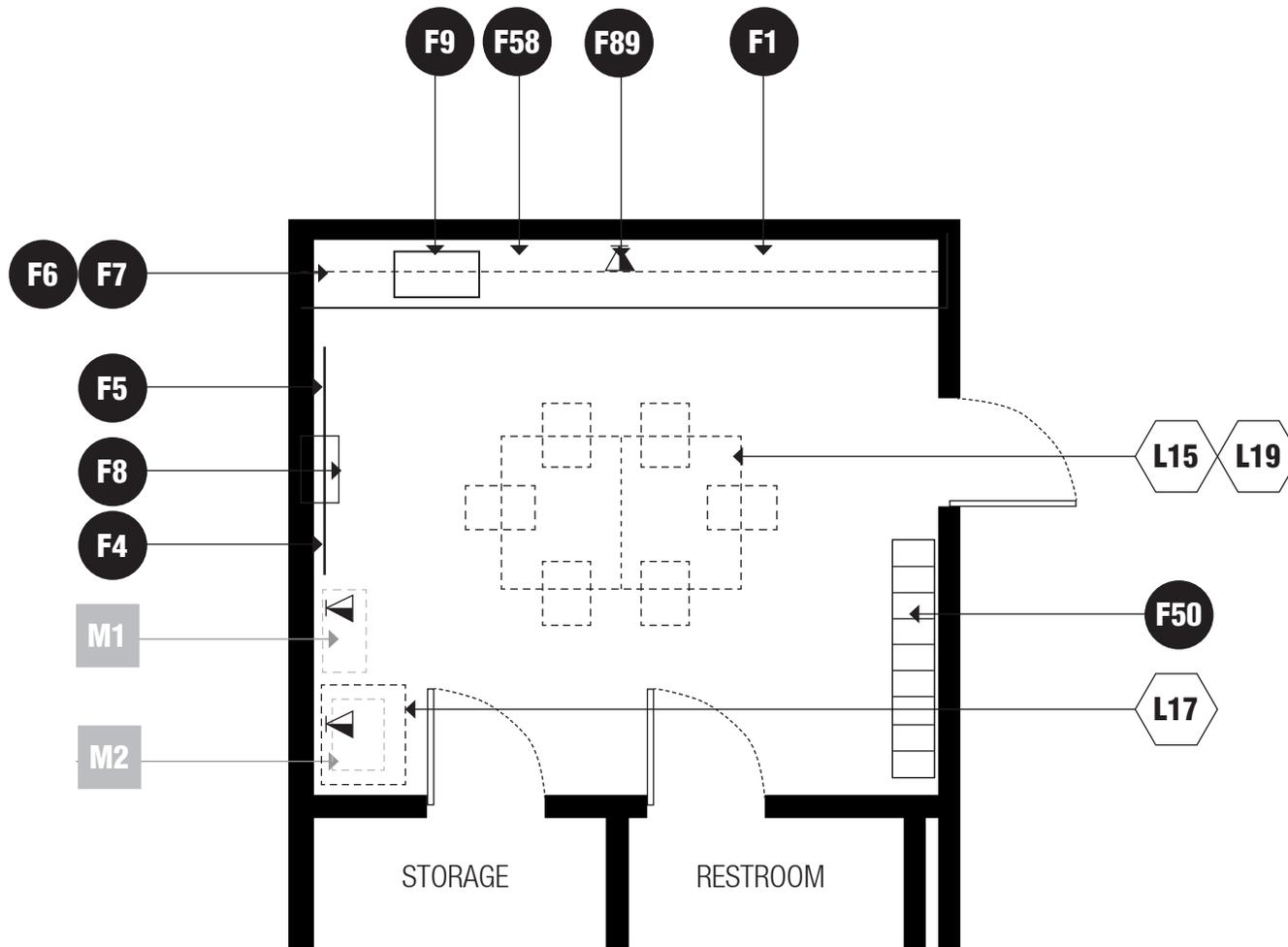
F91 storage shelving 24" deep

◡ **loose furnishings**

n/a

■ **AV & IT equipment**

n/a



E-ACA-15 /// **TEACHER COLLABORATION ROOM**

size

300 SF

capacity/users

10-15 staff members

ancillary spaces

staff restroom (E-BS-10)
storage

spatial relationships

near academic core classrooms
access to staff restroom(s) from within
access to storage from within

goal

provide a dual functional space where
adults can meet for committee work
and teachers can perform
administrative tasks
provide a space for storage of grade
level materials

activities

team staff meetings
lesson planning and grading
scheduling appointments
record keeping
develop and review teacher materials

environmental considerations

environmental sound control
uniform and controllable lighting
electrical outlets for equipment
adequate ventilation
window to provide natural light and
egress

LEGEND ///

● fixed furnishings

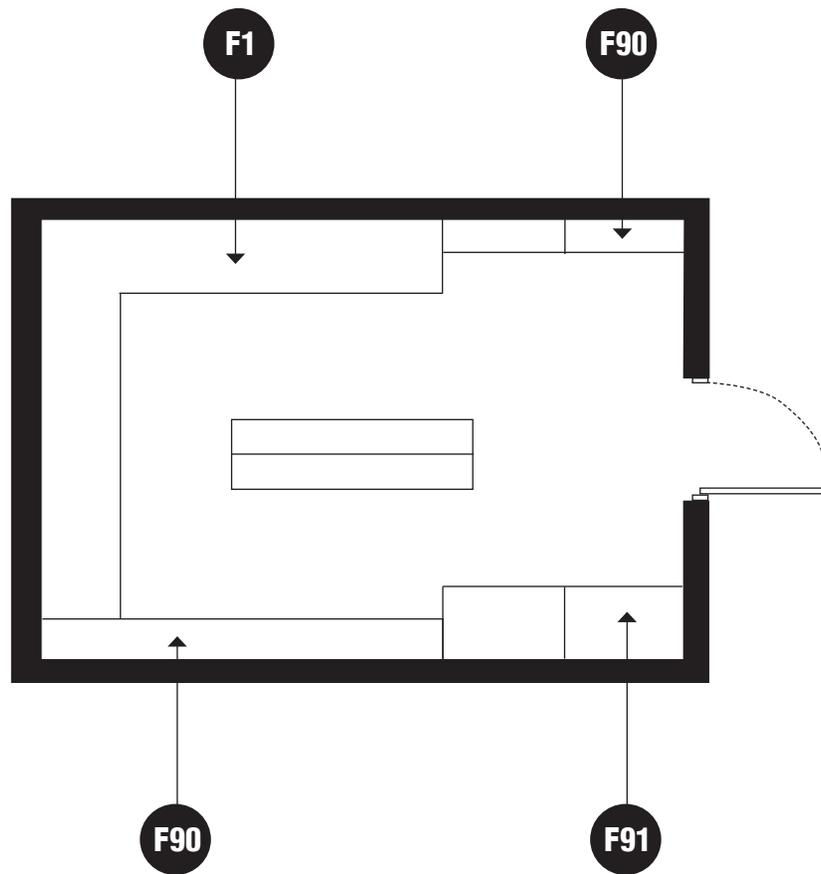
F1 base/wall cabinets and shelving (lockable)
F4 marker board (6 LF minimum)
F5 tackable/magnetic wall surface (6 LF
minimum)
F6 soap dispenser
F7 towel dispenser
F8 wall mounted interactive electronic
presentation device
F9 classroom sink
F50 lockers
F58 kitchenette
▶ F89 data drop

⬡ loose furnishings

L15 task chair (6)
L17 printer station
L19 conference table

■ AV & IT equipment

M1 high speed and/or large format printers
M2 color printer



E-ACA-16 /// **TEXTBOOK / CART STORAGE**

size

200 SF

capacity/users

2 staff members

ancillary spaces

n/a

spatial relationships

near academic core classrooms

goal

to provide secure room for storing and handling of classroom materials, textbooks, and supplies

activities

storing and retrieving books and supplies

environmental considerations

uniform and controllable lighting
proper ventilation

LEGEND ///

● **fixed furnishings**

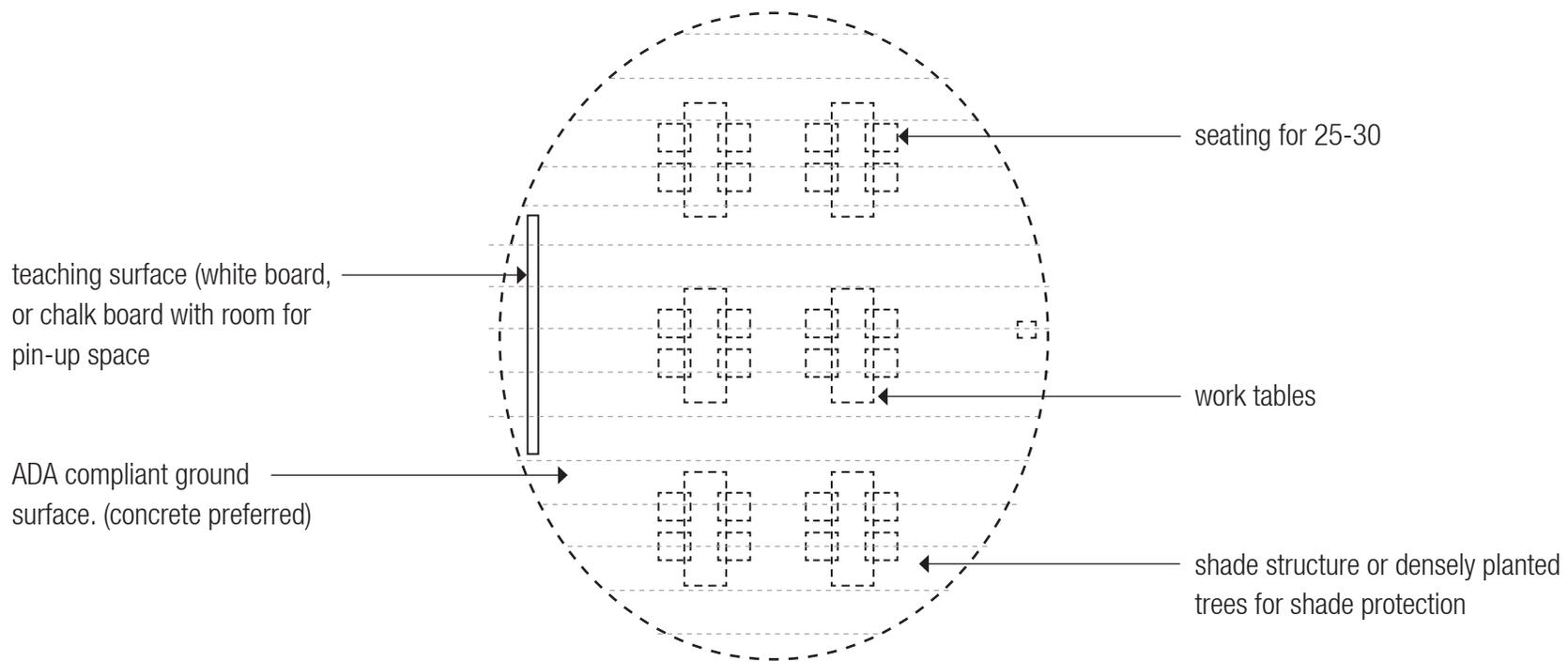
F1 base/wall cabinets and shelving (minimum 200 LF of shelving)
F90 storage shelving 12" deep
F91 storage shelving 24" deep

◡ **loose furnishings**

n/a

■ **AV & IT equipment**

n/a



Note: Provide water spigot and electrical outlets within close proximity to classroom area

E-ACA-17 /// **OUTDOOR CLASSROOM**

size

900 SF

capacity/users

25-30 students

teachers

parents/volunteers

community members

ancillary spaces

n/a

spatial relationships

near growing gardens, if included

direct access to the science and art

rooms is desirable

allow line of sight into space from building

window

goal

provide an outdoor learning space

encourage individual and group

work through nature discovery

activities

planting

exploring

coursework

discussion

math, science, and art coursework

accessibility standards

meet the Americans with Disability Act

guidelines

ADA compliant path from building to

outdoor classroom

special considerations

should be built with regional materials to

match building, if appropriate

noise, fumes, sunlight and slope should be

considered during site selection

include a board for instruction

include a roof to protect from sun, rain and

snow, if possible

if classroom is located near play area or

other potential distractions, place

wall or other visual barrier to further

define classroom space

must be shaded. if trees are to be used for

shade, plant spacing should be dense

for rapid cover and roots should be

protected from compaction with

protective seat/retaining walls to keep

students from walking on roots

all items lockable. located within perimeter

fence (with vandal resistant finish), if

one exists

site elements

all changes in finish surfaces should

be delineated with a hard edge for

ease of maintenance (e.g. do not

place planter bed adjacent to lawn

without a physical barrier such as a

concrete walkway or metal edge

outdoor classrooms should be designed

for three seasons with a roof or shaded cover

required elements include:

fixed or flexible seating (25-30)

outdoor white board (6 LF minimum)

or flipchart

impervious or green roof, or PV

trellis with vines (structurally able

to hold plantings/soil for shade)

expected elements include:

hose bib with hose rack

native, low maintenance plants.

select for mature size and care.

choose plants for biodiversity

that provide food or habitat to

pollinators and wildlife.

seating and worktables`

pathways from building and around

outdoor classroom area

all weather electrical outlets

optional elements include:

teacher demonstration table

composting area

outdoor kitchen

handwashing station

planters

benches

small storage for tools and

equipment

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size

garden sizes vary

capacity/users

- students
- teachers
- parents/volunteers
- community members

ancillary spaces

n/a

spatial relationships

- direct access to the science and art rooms is desirable
- community access should be considered

goal

- to provide an outdoor learning space that encourages individual and group work through growing local food

activities

- planting
- exploring
- watering
- math, science, and art coursework

accessibility standards

- meet the americans with disability act guidelines
- All beds should be raised to meet ADA guidelines considered

ADA compliant path to garden and around all garden beds

special considerations

- optional, pending availability of a garden program to maintain the gardening beds
- garden layout to be determined by site specific program and conditions
- noise, fumes, sunlight and slope should be considered during site selection

site elements

- consult Office of the State Superintendent of Education school garden specialist for best practices
- gardens must receive 6-8 hours of direct sunlight per day
- required elements for gardens include:
 - teacher demonstration table
- expected elements for gardens include:
 - planting beds
 - organic soil
 - mulch
 - hose bib with hose rack
 - plants
 - pathways
 - tool shed
- optional elements include:
 - composting area
 - digging bed
 - handwashing station

- greenhouse
- worktables
- drip irrigation
- apiary

E-LIB /// **LIBRARY**

READING / LEARNING / CIRCULATION
ROOM
MAKERSPACE
SMALL GROUP / CONFERENCE ROOM
COMBINED OFFICE / WORKROOM
DEVICE CHARGING ROOM

| SPACE | 325 STUDENTS | | | 400 STUDENTS | | | 500 STUDENTS | | | 700 STUDENTS | | |
|-----------------------------------|--------------|-------|--------------|--------------|-------|--------------|--------------|-------|--------------|--------------|-------|--------------|
| | QTY | SF | TOTAL |
| LIBRARY | | | | | | | | | | | | |
| Reading/Learning/Circulation Room | 1 | 2,720 | 2,720 | 1 | 3,140 | 3,140 | 1 | 3,700 | 3,700 | 1 | 4,820 | 4,820 |
| Makerspace | 1 | 500 | 500 | 1 | 500 | 500 | 1 | 500 | 500 | 1 | 500 | 500 |
| Small Group/Conference Room | 2 | 300 | 600 | 2 | 300 | 600 | 2 | 300 | 600 | 2 | 300 | 600 |
| Combined Office/Workroom | 1 | 400 | 400 | 1 | 400 | 400 | 1 | 400 | 400 | 1 | 400 | 400 |
| Device Charging Room | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 |
| TOTAL | | | 4,370 | | | 4,790 | | | 5,350 | | | 6,470 |

Comments //

Note: In this document, staff assumptions were made to ensure staff spaces were approximately correct at each capacity model. Specific square footage requirements and quantity of spaces will be completed during the site specific ed spec process. Assumptions for the capacity model are: 325 students : 51 staff; 400 students : 57 staff; 500 students : 66 staff; 700 students: 81 staff.

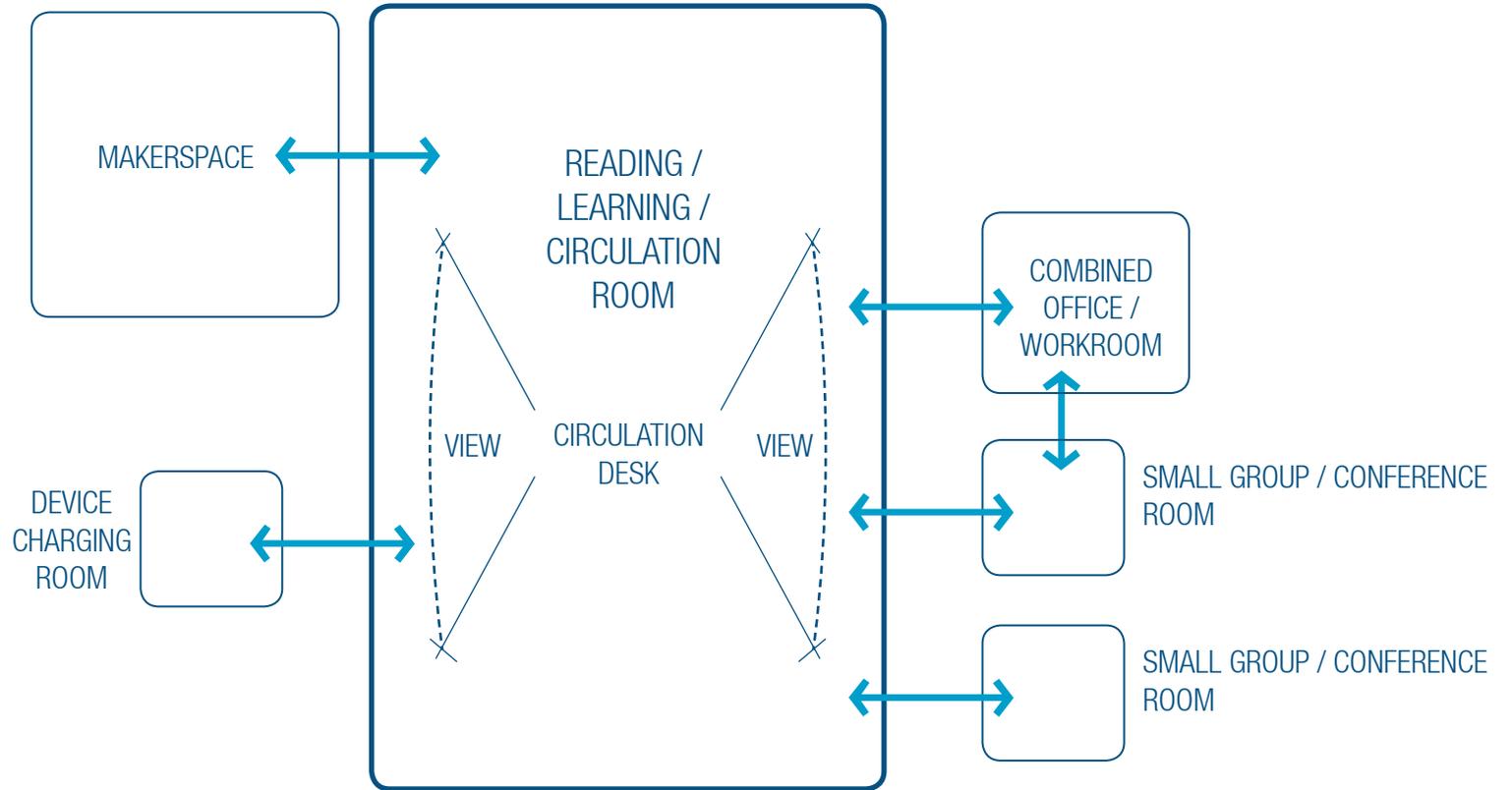
KEY ///

direct access 

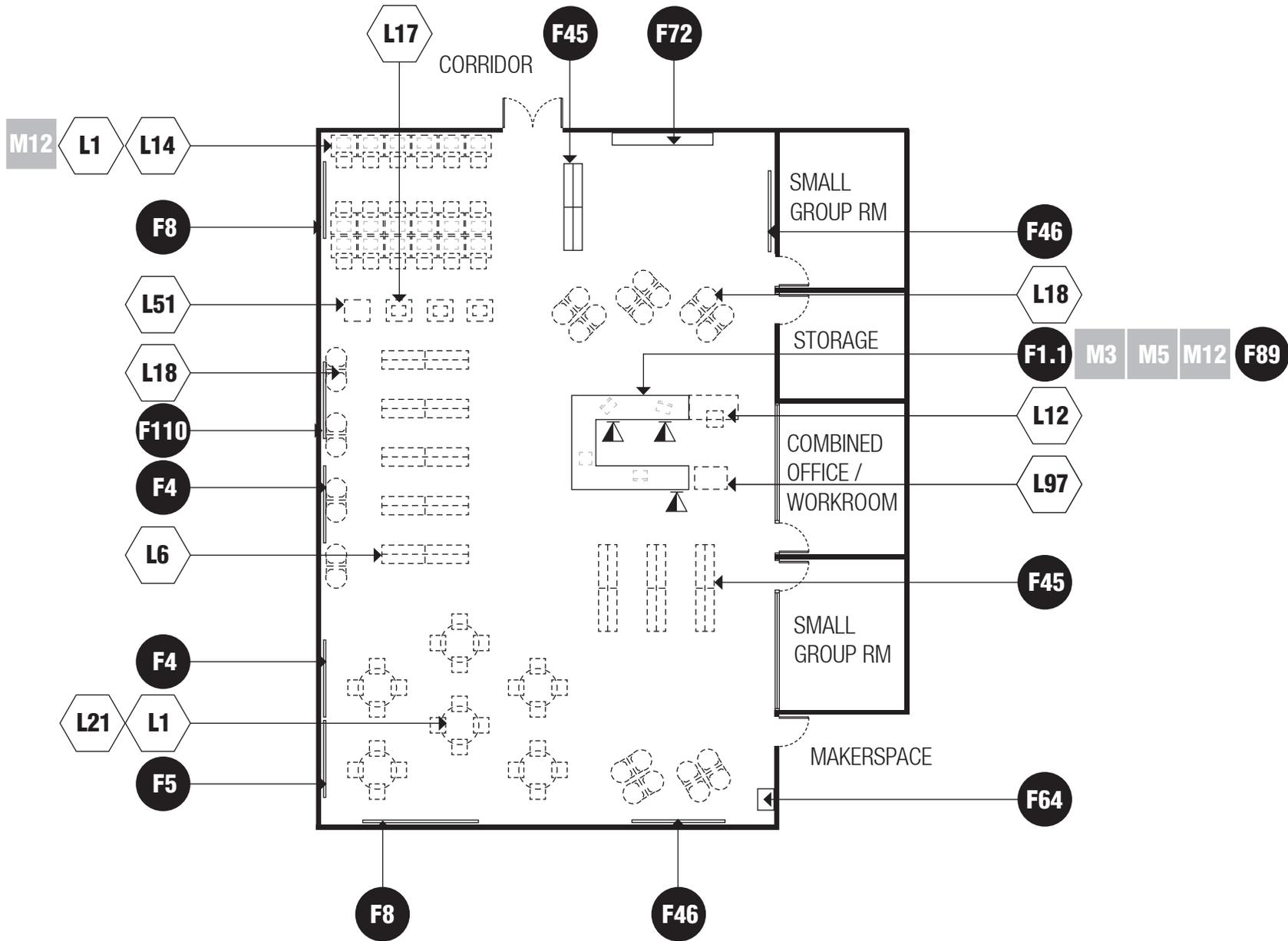
linked space 

enclosed space 

open space 



LIBRARY ADJACENCY DIAGRAM



E-LIB-1 /// **READING / LEARNING / CIRCULATION ROOM**

size

2,720-4,820 SF

capacity/users

75-175 students

1-2 media specialist(s)

community patrons after school hours

ancillary spaces

makerspace (E-LIB-2)

small group/conference room (E-LIB-3)

combined office/workroom (E-LIB-4)

device charging room (E-LIB-5)

spatial relationships

circulation area located close to entrance/
exit

near single user bathrooms for staffing
and community needs

goals

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

activities

reading and research

circulation of materials and resources,
including online catalogues

large group and small group instruction

provide meeting areas for community,
staff, and parents

dramatic reading and storytelling

informal small group interactions

individual learning

project based learning

environmental considerations

recessed floor outlets at tables

adequate ventilation

lighting appropriate to task with switches
to dim in separate zones of library

environmental sound control

electrical outlets at entrance for future
security system

electrical outlets at column locations
windows to provide natural sunlight

zoned for after school hours use

ceiling height in proportion to room
dimensions

open flow for traffic in reference/
professional/periodical areas

electrical outlets in tow space of wall
shelving

window treatment to darken room for AV
presentation

mix of lounge furniture

consider lockdown safety protocols

LEGEND ///

● **fixed furnishings**

- F1.1 casework (circulation desk)*
- F4 marker board (two locations, 8 LF each)
- F5 tackable / magnet wall surface
- F8 wall mounted interactive electronic presentation device (2-3)
- F45 library casework
- F46 motorized projection screen (1-2)
- F64 filtered water fountain with bubbler and gooseneck bottle filler
- F72 3D displays
- ▶ F89 data drop
- F110 2D displays

◻ **loose furnishings**

- L1 stackable/nesting chairs (32-55 per student enrollment)
- L6 mobile shelving**
- L12 admin workstation and chair
- L14 computer station (15-25)
- L16 bound group rug (2) - by projection screens

- L17 printer stations (3-5)
- L18 lounge chair (15-25)
- L21 work table (6-10 with various heights)
- L51 laptop charging cart
- L97 spring-loaded book cart (1-2)

■ **AV & IT equipment**

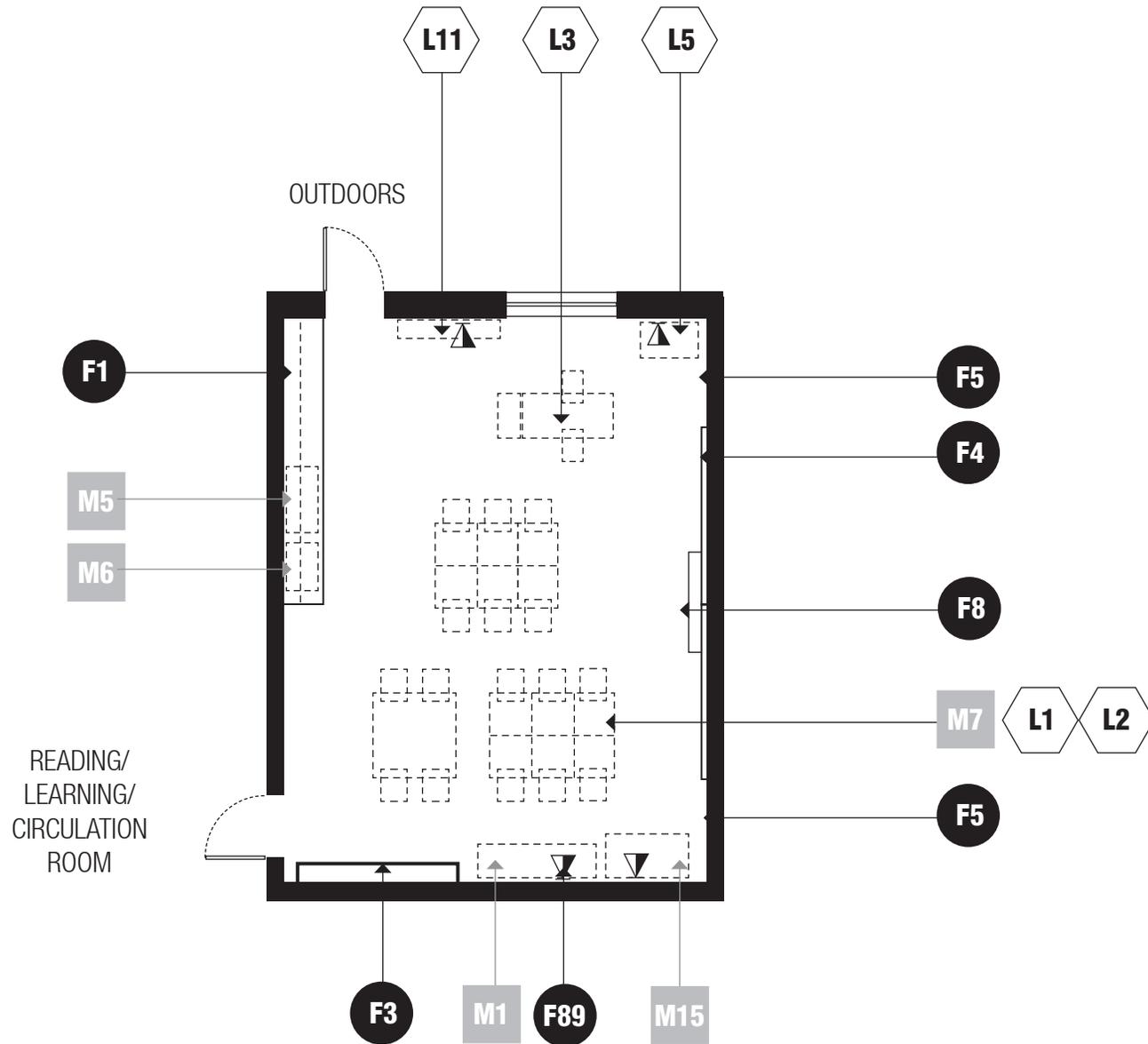
- M3 bar code reader
- M5 digital scanner
- M12 laptop computers (20-30)(hardwired)***

* circulation desk must meet ada standards and have sufficient space for librarian, two students and a book drop

**shelving is calculated as the maximum capacity of the building X20 books/student; 10 inch (standard size books), 12 inch (picture books, reference books, periodicals and audiovisual storage), 18-24 inch (equipment storage); shelving should include forward facing shelves

***circulation desk needs 2-3 laptops

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E-LIB-2 /// MAKERSPACE

size

500 SF

capacity/users

10-15 students

teachers

guests

volunteers

ancillary spaces

reading/learning/circulation room (E-LIB-1)

spatial relationships

located within library suite with

easy public access and communal use;

access to outside when possible

goals

a flexible space to accommodate a variety

of hands-on learning and the

production of varied projects

activities

space for instruction in developing skills

in use of tools, materials, and

processes to apply knowledge of

planning and design to actual

fabrication of projects (project can

include: 3D printing, constructing

blocks/legos, constructing with

cardboard, etc.)

environmental considerations

uniform and controllable lighting

environmental sound control

electrical outlets for equipment

windows to provide natural light

adequate ventilation

window treatments to darken room for AV

presentations

access to outside when possible

LEGEND ///

● fixed furnishings

F1 base/wall cabinets and shelving

F3 wall shelving

F4 marker board (6 LF minimum)

F5 tackable/magnetic wall surface (6 LF
minimum)

F8 wall mounted interactive electronic
presentation device

▶ F89 data drop

⬡ loose furnishings

L1 stackable/nesting chairs (16) or L73
student tall stools (16) (various
heights)

L2 nesting tables (4-5)

L3 teacher work surface with mobile
storage and two chairs

L5 four drawer lateral file cabinet

L11 adjustable height bookshelves

■ AV & IT equipment

M1 high speed and/or large format printer

M5 digital scanner

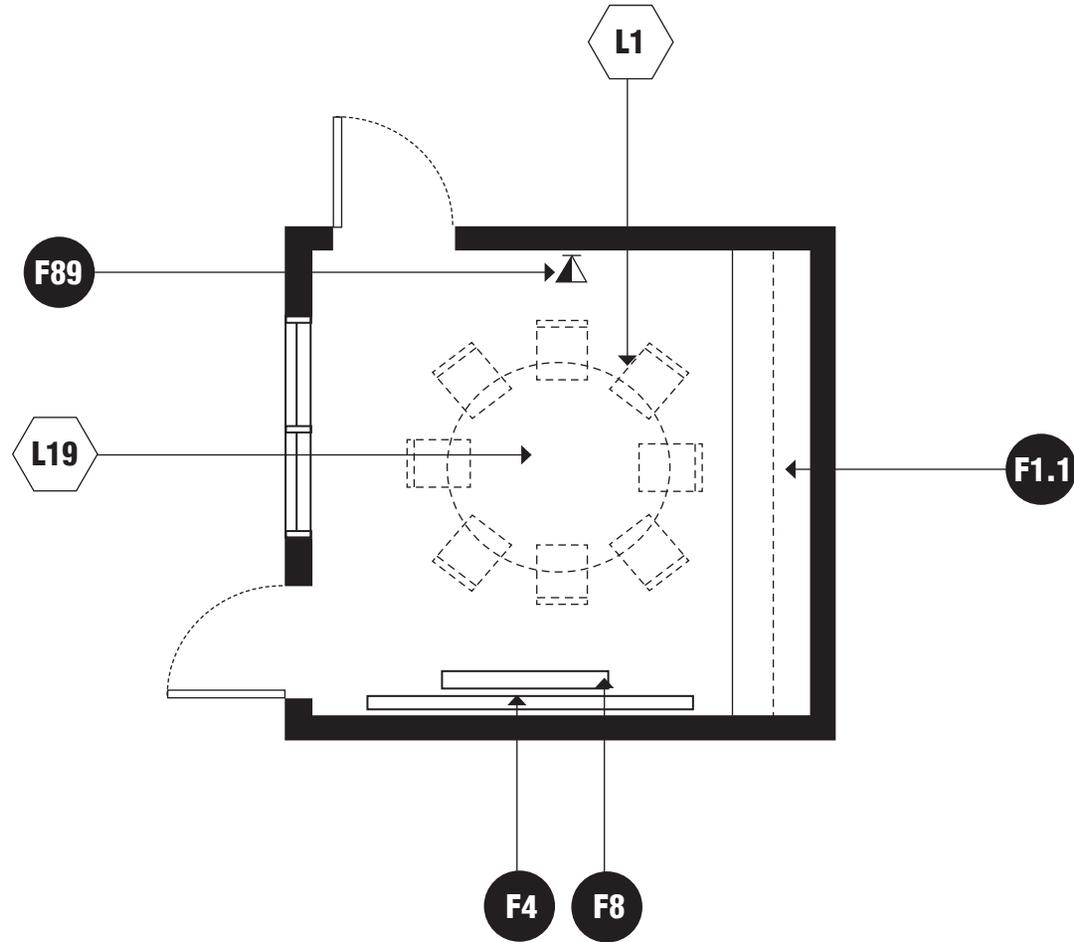
M6 laminator

M7 desktop computer or M12 laptop

computer

M15 3D-printer (optional)

READING/LEARNING/
CIRCULATION ROOM



E-LIB-3 /// **SMALL GROUP / CONFERENCE ROOM**

size

300 SF

capacity/users

8 people

ancillary spaces

reading/learning/circulation room
(E-LIB-1)

spatial relationships

n/a

goals

voice, video, data reception, and
distribution
security system location
network management
telephone wiring entry and distribution
cable and CCTV reception and
broadcasting
IT infrastructure

activities

group research projects
meetings/teleconferencing
listening and viewing

environmental considerations

uniform and controllable lighting
environmental sound control
electrical outlets for equipment
visual access to reading/learning/
circulation area
adequate ventilation
window blinds for privacy during
conferences

LEGEND ///

● fixed furnishings

F1.1 casework (8-10 LF)

F4 marker board (6 LF minimum)

F8 wall mounted interactive electronic
presentation device

▶ F89 data drop

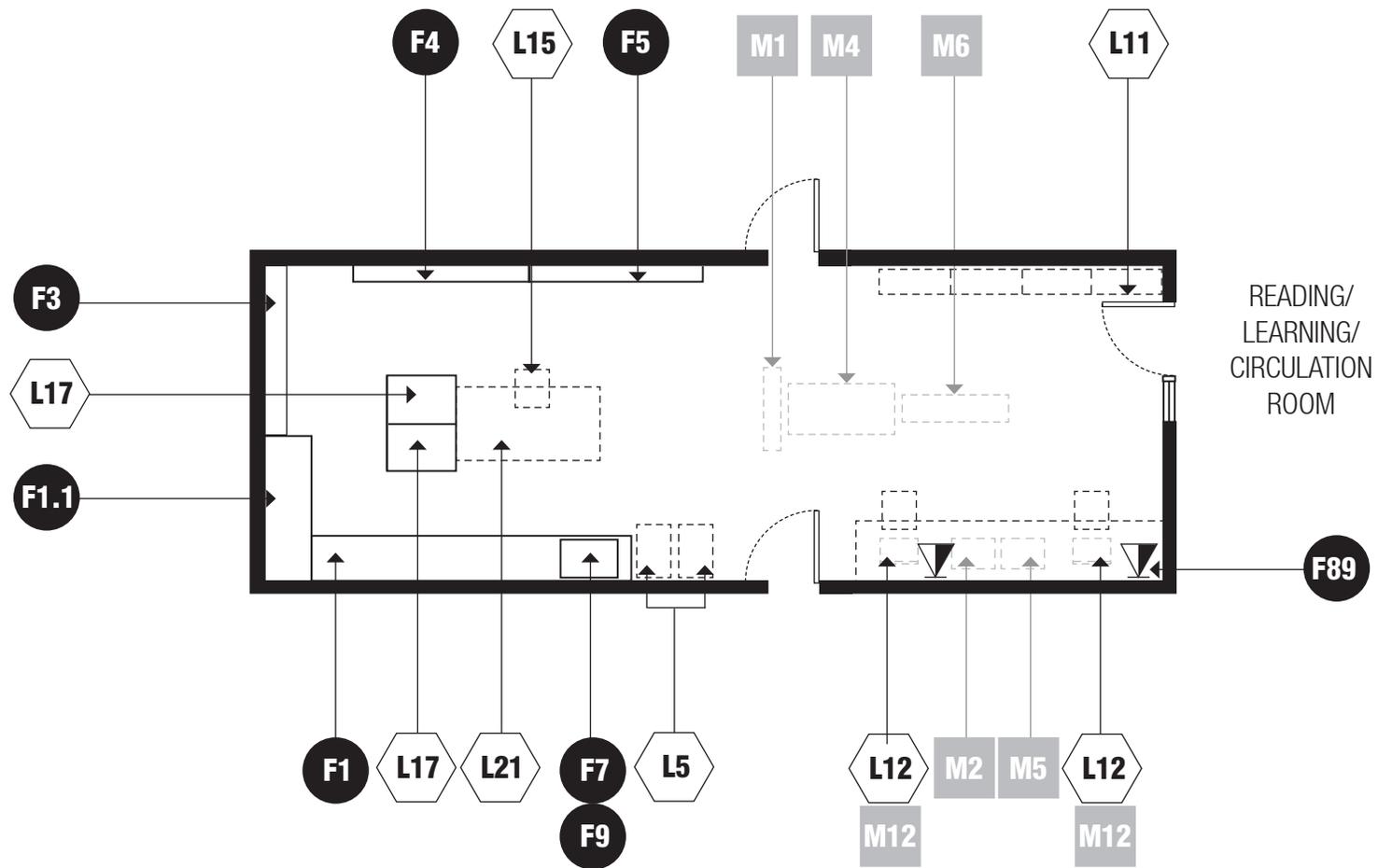
⬡ loose furnishings

L1 stackable/nesting chairs (8)

L19 conference table

■ AV & IT equipment

n/a



E-LIB-4 /// COMBINED OFFICE / WORKROOM

size

400 SF

capacity/users

2-4 staff members

ancillary spaces

reading/learning/circulation room (E-LIB-1)

spatial relationships

adjacent to office (optional)

adjacent to small group room

located behind circulation desk and whole class zone

goals

to provide a less visible and secure space for processing incoming materials and storage of materials

to provide a private space for media specialists and administration staff to professionally plan and collaborate

activities

scanning

digitizing

meetings

storage of materials

storage of a/v materials and videotapes

environmental considerations

uniform and controllable lighting

environmental sound control

visual access to reading/learning/circulation area

auditory privacy

LEGEND ///

● fixed furnishings

F1 base/wall cabinets and shelving (base cabinets with power)

F1.1 casework (poster/map storage)

F3 wall shelving

▶ F89 data drop

⬡ loose furnishings

L5 four drawer lateral file cabinet (1-2)

L11 adjustable height bookshelves (12 LF)

L12 admin workstation and chair (2)

L15 task chair

L21 work table

■ AV & IT equipment

M1 high-speed and/or large format printers

M2 color printer

M4 photocopy machine

M5 digital scanner

M6 laminator

M12 laptop computer (2)

E-VA /// **VISUAL ARTS**

ART LAB
KILN ROOM
ART STORAGE

| SPACE | 325 STUDENTS | | | 400 STUDENTS | | | 500 STUDENTS | | | 700 STUDENTS | | |
|--------------------|--------------|-------|--------------|--------------|-------|--------------|--------------|-------|--------------|--------------|-------|--------------|
| | QTY | SF | TOTAL |
| VISUAL ARTS | | | | | | | | | | | | |
| Art Lab | 1 | 1,000 | 1,000 | 1 | 1,000 | 1,000 | 1 | 1,000 | 1,000 | 1 | 1,000 | 1,000 |
| Kiln Room | 1 | 60 | 60 | 1 | 60 | 60 | 1 | 60 | 60 | 1 | 60 | 60 |
| Art Storage | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 |
| TOTAL | | | 1,210 | | | 1,210 | | | 1,210 | | | 1,210 |

Comments //

Note: In this document, staff assumptions were made to ensure staff spaces were approximately correct at each capacity model. Specific square footage requirements and quantity of spaces will be completed during the site specific ed spec process. Assumptions for the capacity model are: 325 students : 51 staff; 400 students : 57 staff; 500 students : 66 staff; 700 students: 81 staff.

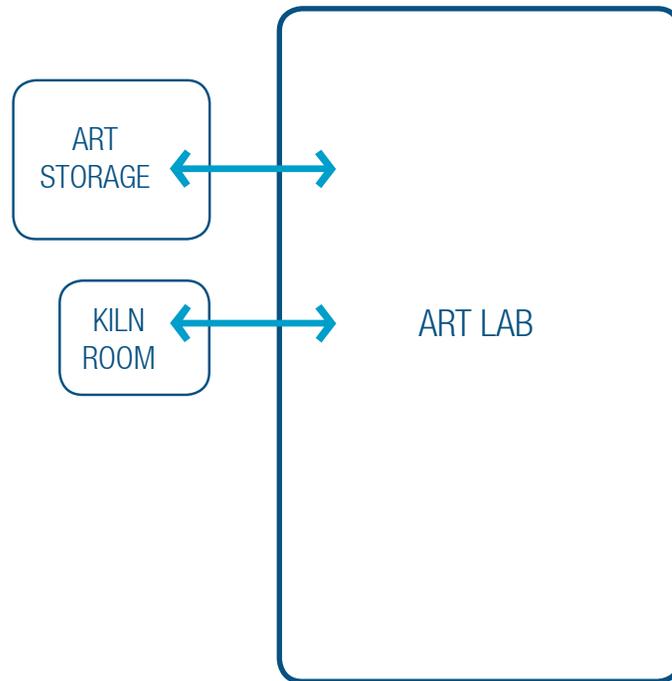
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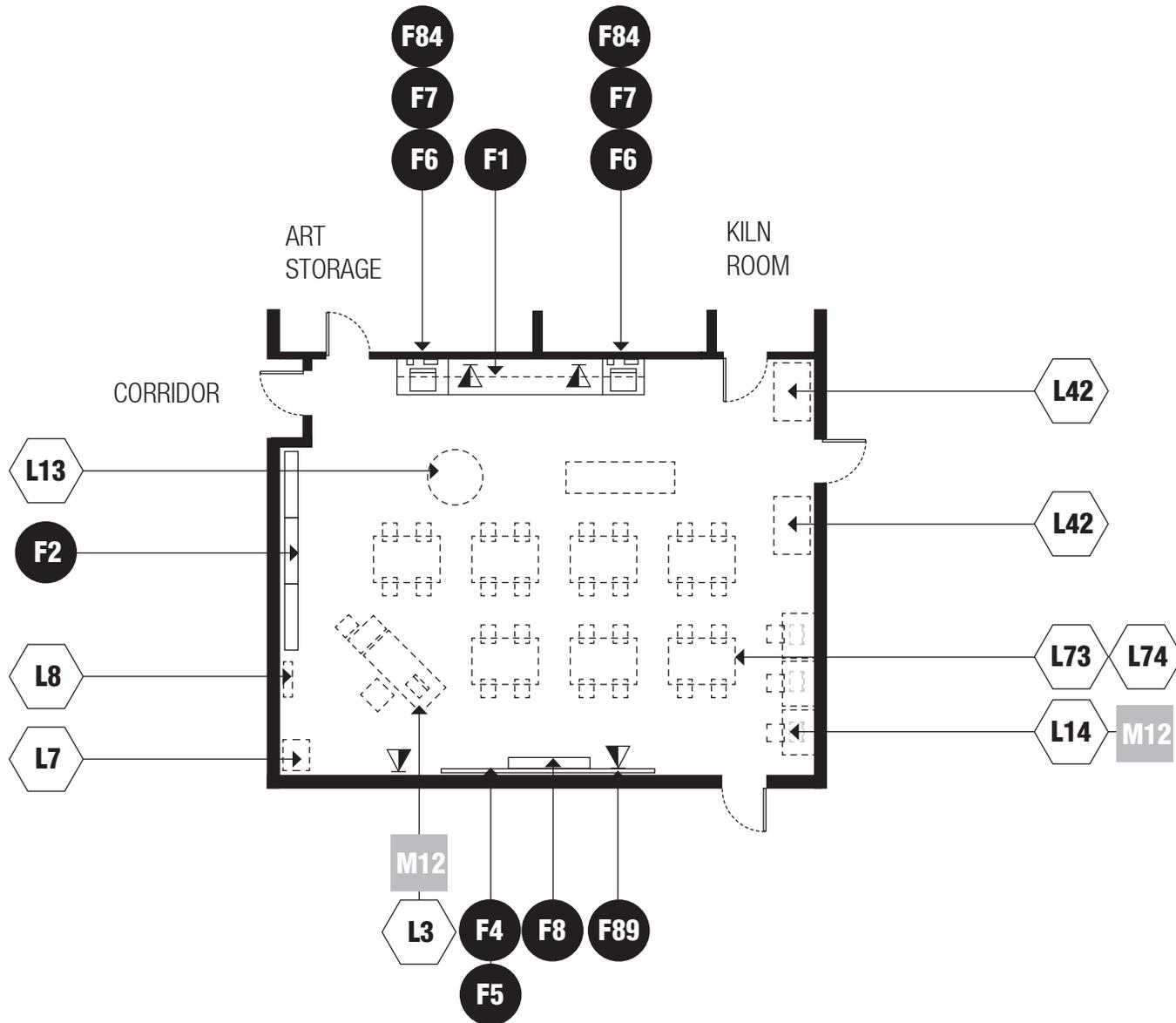
direct access 

linked space 

enclosed space 

open space 





E-VA-1 /// ART LAB

size

1,000 SF

capacity/users

20-25 students

1 teacher

1 student teacher

parent volunteers

ancillary spaces

kiln room (E-VA-2)

art storage (E-VA-3)

spatial relationships

centrally located with convenient access

to core academic classrooms and

media lab

goals

to provide an area for students to work on a variety of art projects by exploring the manipulation of a variety of mediums

to develop technical and expressive skills

activities

drawing, painting, and print making sculpture, model-making, collage, and assembly

ceramics-clay

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 and controllable lighting windows to provide natural light and egress (preferably northern exposure)

environmental sound control

electrical outlets for equipment

include outlets on the wall above counter spaces in raceway

LEGEND ///

● **fixed furnishings**

F1 base/wall cabinets and shelving (9-32 LF of 30" high base cabinets with wall cabinets above paper storage cabinets, two sinks different heights)

F2 students cubbies

F4 marker board (6 LF minimum)

F5 tackable/magnet wall surface

F6 soap dispenser (at each sink)

F7 towel dispenser (at each sink)

F8 wall mounted interactive electronic presentation device

F84 two sinks (6 ft a part) large, kitchen size with clay traps; cabinetry below

▶ F89 data drop

⬡ **loose furnishings**

L3 teacher work surface with mobile storage and two chairs

L7 teachers lockable wardrobe

L8 tall cabinet with shelves

L13 small table

L14 computer workstation (3)

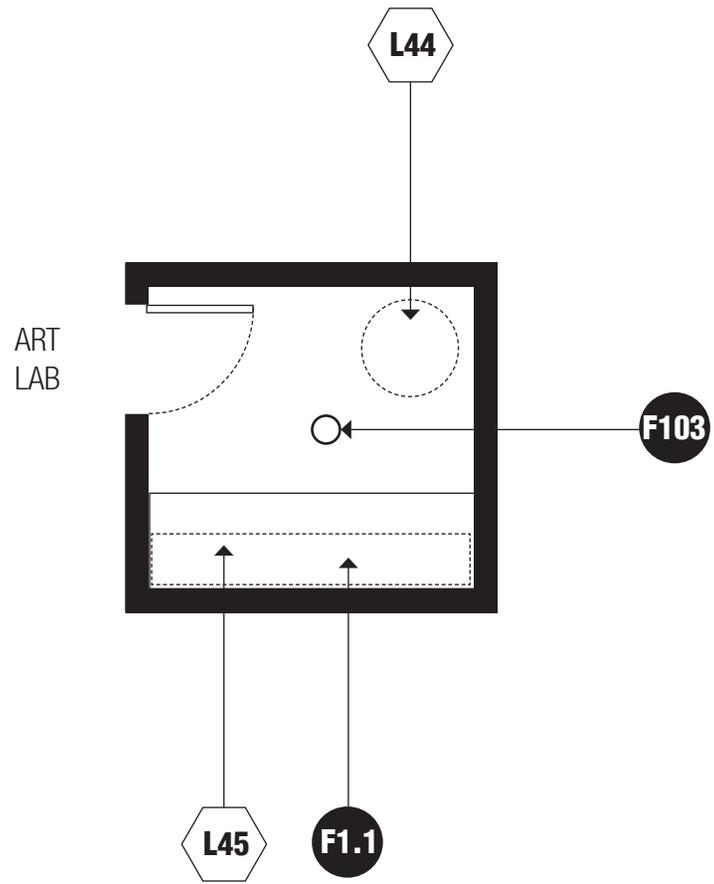
L42 drying rack (2 with 40-80 slats)

L73 student tall stool (20-25)

L74 two person tall art table (10-13)

■ **AV & IT equipment**

M12 laptop computer



E-VA-2 /// KILN ROOM

size

60 SF

capacity/users

1 staff member

ancillary spaces

art lab (E-VA-1)

spatial relationships

near art lab

goals

to provide an area properly equipped for ceramics and ceramics firing
storage for completed art work

activities

store 3D sculptural work
house kiln equipment
firing of ceramics

environmental considerations

lighting appropriate to task
adequate ventilation with vents to the outside for kiln and controlled by a thermostat
specialized electrical outlets for equipment

LEGEND ///

● **fixed furnishings**

F1.1 casework

F103 floor drain

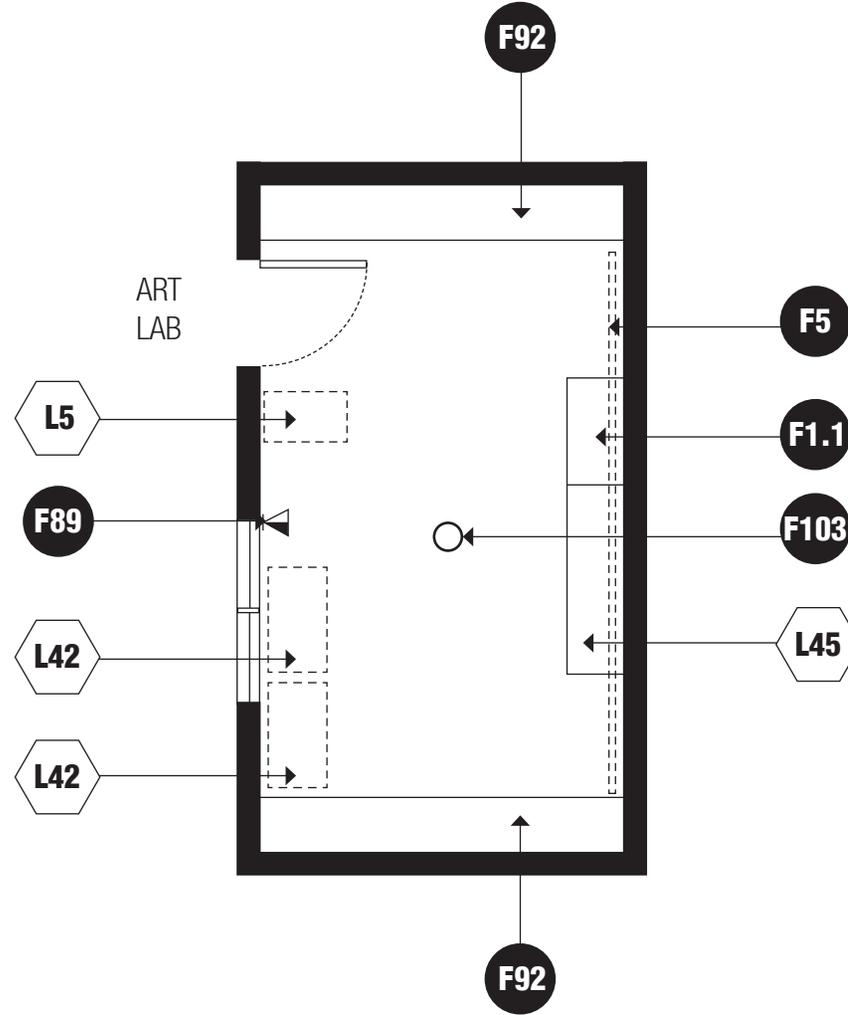
⬡ **loose furnishings**

L44 kiln

L45 bisqueware shelving

■ **AV & IT equipment**

n/a



E-VA-3 /// ART STORAGE

size

150 SF

capacity/users

1-2 staff members

ancillary spaces

art lab (E-VA-1)

spatial relationships

near art lab

goals

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

activities

storage

environmental considerations

uniform and controllable lighting
electrical outlets for equipment

LEGEND ///

● **fixed furnishings**

F1.1 casework (tall cabinets, paper storage, and hazardous materials)

F5 tackable wall surface

▶ F89 data drop

F92 storage shelving 18" deep (metal)

F103 floor drain

◡ **loose furnishings**

L5 four drawer lateral file cabinet

L42 drying racks (2)

L45 bisqueware shelving

■ **AV & IT equipment**

n/a

E-PA /// **MUSIC**

GENERAL MUSIC ROOM
GENERAL MUSIC STORAGE

| SPACE | 325 STUDENTS | | | 400 STUDENTS | | | 500 STUDENTS | | | 700 STUDENTS | | |
|-----------------------|--------------|-----|--------------|--------------|-----|--------------|--------------|-----|--------------|--------------|-----|--------------|
| | QTY | SF | TOTAL |
| MUSIC | | | | | | | | | | | | |
| General Music Room | 1 | 900 | 900 | 1 | 900 | 900 | 1 | 900 | 900 | 1 | 900 | 900 |
| General Music Storage | 1 | 250 | 250 | 1 | 250 | 250 | 1 | 250 | 250 | 1 | 250 | 250 |
| TOTAL | | | 1,150 | | | 1,150 | | | 1,150 | | | 1,150 |

Comments //

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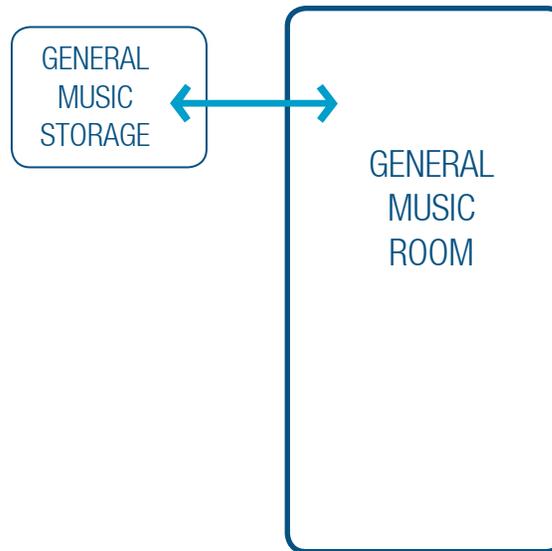
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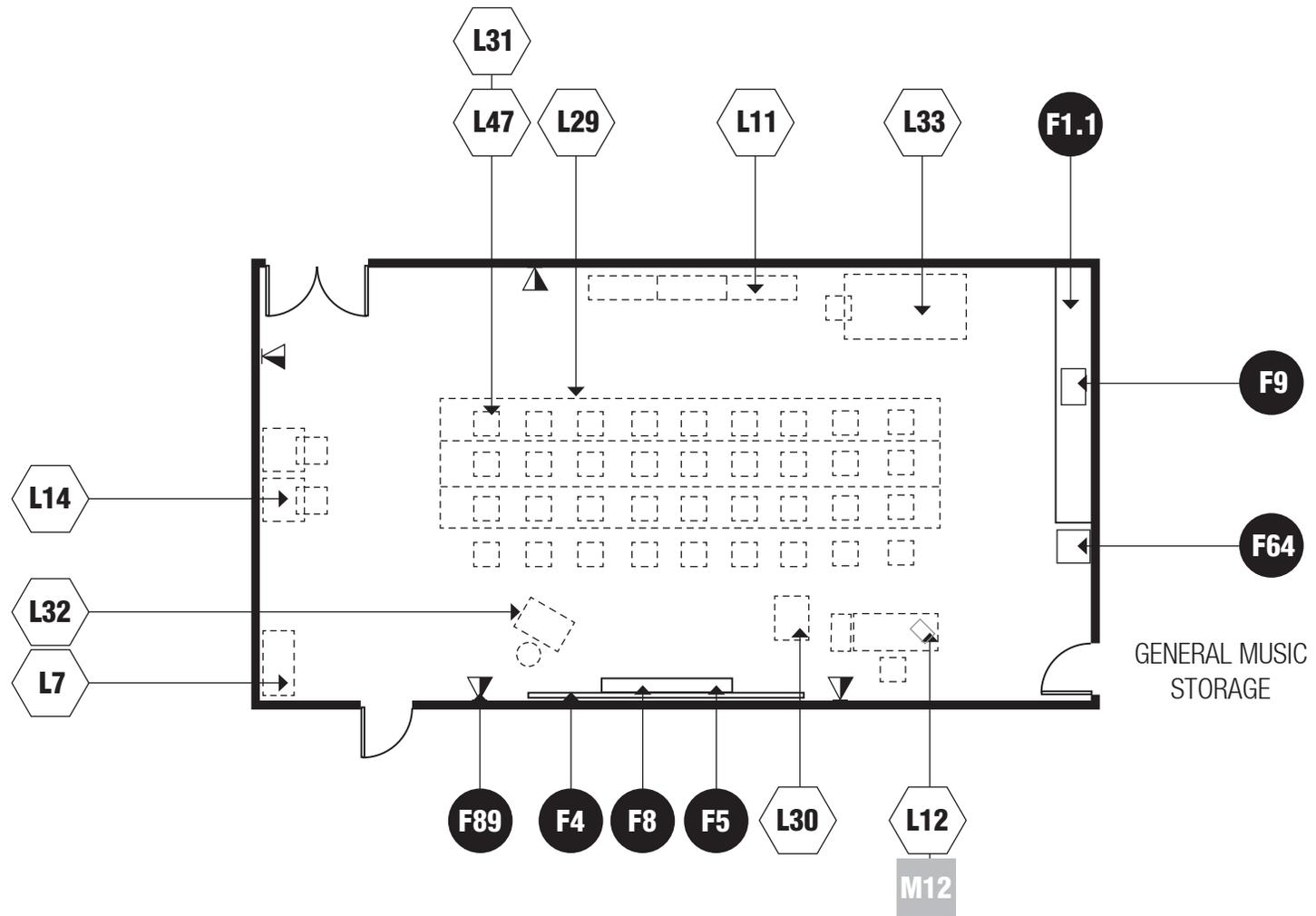
direct access 

linked space 

enclosed space 

open space 





E-PA-1 /// GENERAL MUSIC ROOM

size

900 SF

capacity

20-25 students

1 teacher

parents/volunteers

ancillary spaces

general music storage (E-PA-2)

spatial relationships

co-locate near rooms with similar functions and noise levels

goals

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

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

play in small and large group ensemble with instruments (keyboard, percussion, etc.)

environmental considerations

uniform and controllable lighting

environmental sound control

electrical outlets for equipment including floor mounted outlets with secure covers

sound insulation in walls (extended above ceiling to underside of deck)

acoustical wall treatments

adequate ventilation

proportion classroom for effective viewing and listening from all areas of the classroom

auditory privacy

drinking fountain in classroom

layout should consider teaching space and breakout space

LEGEND ///

● **fixed furnishings**

F1.1 casework (paper storage cabinets, 8-10 LF)

F4 marker board (16 LF, 1/2 with music staff bars)

F5 tackable/magnetic wall surface

F8 wall mounted interactive electronic presentation device

F9 classroom sink

F64 filtered water fountain with bubbler and gooseneck bottle filler

▶ F89 data drop

◻ **loose furnishings**

L7 teachers lockable wardrobe

L11 adjustable height bookshelves (24 LF)

L12 admin workstation and chair

L14 computer station (2)

L29 choral risers (moveable)

L30 mobile a/v cabinet

L31 posture chair (25)

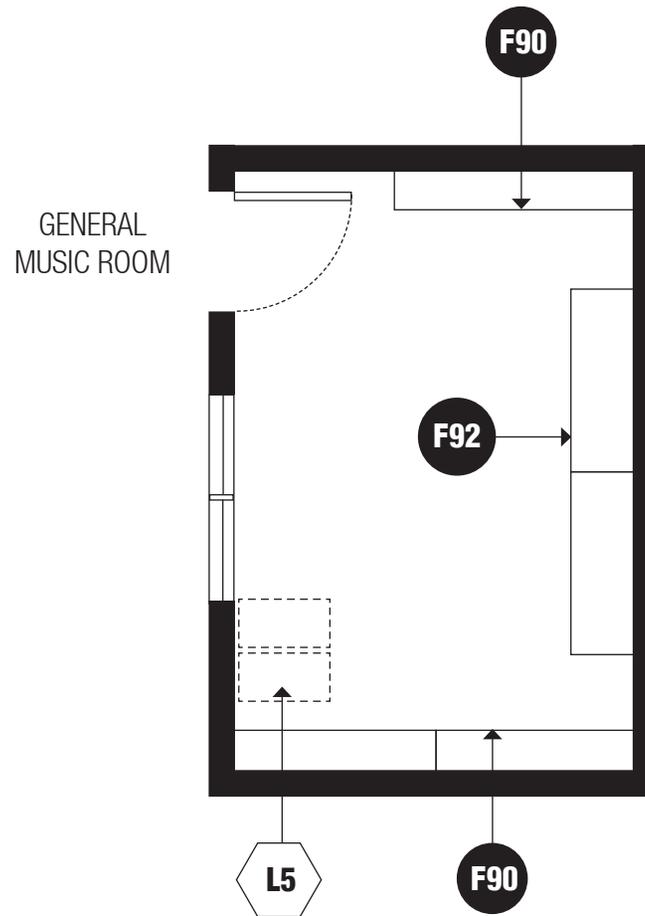
L32 conductor's podium and stool

L33 digital upright piano

L47 music stand (25)

■ **AV & IT equipment**

M12 laptop computer



E-PA-2 /// GENERAL MUSIC STORAGE

size

250 SF

capacity

1 staff member

ancillary spaces

general music room (E-PA-1)

spatial relationships

n/a

goals

to provide adequate storage for choral risers, accessories, and equipment

activities

storage and simple repair of accessories and equipment

play instruments in small ensembles and large group (keyboard, orff, percussion, etc.)

environmental considerations

uniform and controllable lighting
electrical outlets for equipment

LEGEND ///

● **fixed furnishings**

F90 storage shelving 12" deep

F92 storage shelving 18" deep

*total shelving shall support storage of 25 keyboards, orff instruments, and assorted percussion instruments

⬡ **loose furnishings**

L5 four drawer lateral file cabinet

■ **AV & IT equipment**

n/a

E-PE /// **PHYSICAL EDUCATION**

GYMNASIUM

STAGE

OFFICE

STORAGE

CHAIR STORAGE

BICYCLE STORAGE

OUTDOOR PE STORAGE

PLAYGROUNDS

| SPACE | 325 STUDENTS | | | 400 STUDENTS | | | 500 STUDENTS | | | 700 STUDENTS | | |
|---------------------------|--------------|-------|--------------|--------------|-------|--------------|--------------|-------|--------------|--------------|-------|--------------|
| | QTY | SF | TOTAL |
| PHYSICAL EDUCATION | | | | | | | | | | | | |
| Gymnasium | 1 | 3,400 | 3,400 | 1 | 3,400 | 3,400 | 1 | 4,200 | 4,200 | 1 | 5,000 | 5,000 |
| Stage* | 1 | 850 | 850 | 1 | 850 | 850 | 1 | 850 | 850 | 1 | 850 | 850 |
| Office | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 225 | 225 |
| Storage | 1 | 300 | 300 | 1 | 300 | 300 | 1 | 300 | 300 | 1 | 400 | 400 |
| Chair Storage | 1 | 100 | 100 | 1 | 125 | 125 | 1 | 150 | 150 | 1 | 200 | 200 |
| Bicycle Storage | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 |
| Outdoor PE Storage | 1 | 100 | 100 | 1 | 100 | 100 | 1 | 100 | 100 | 1 | 200 | 200 |
| Playgrounds | 1 | - | - | 1 | - | - | 1 | - | - | 1 | - | - |
| TOTAL | | | 5,050 | | | 5,075 | | | 5,900 | | | 7,025 |

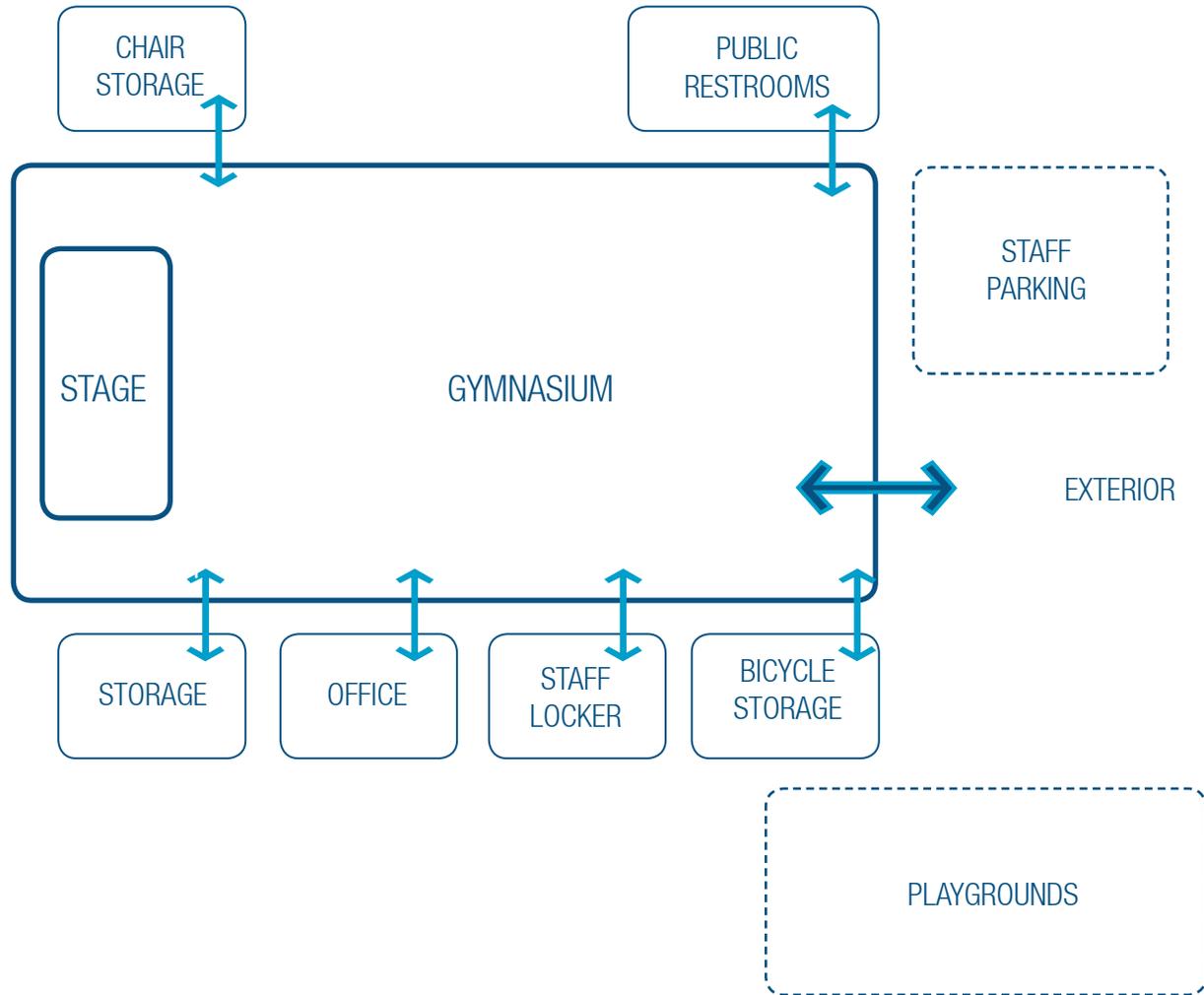
Comments //

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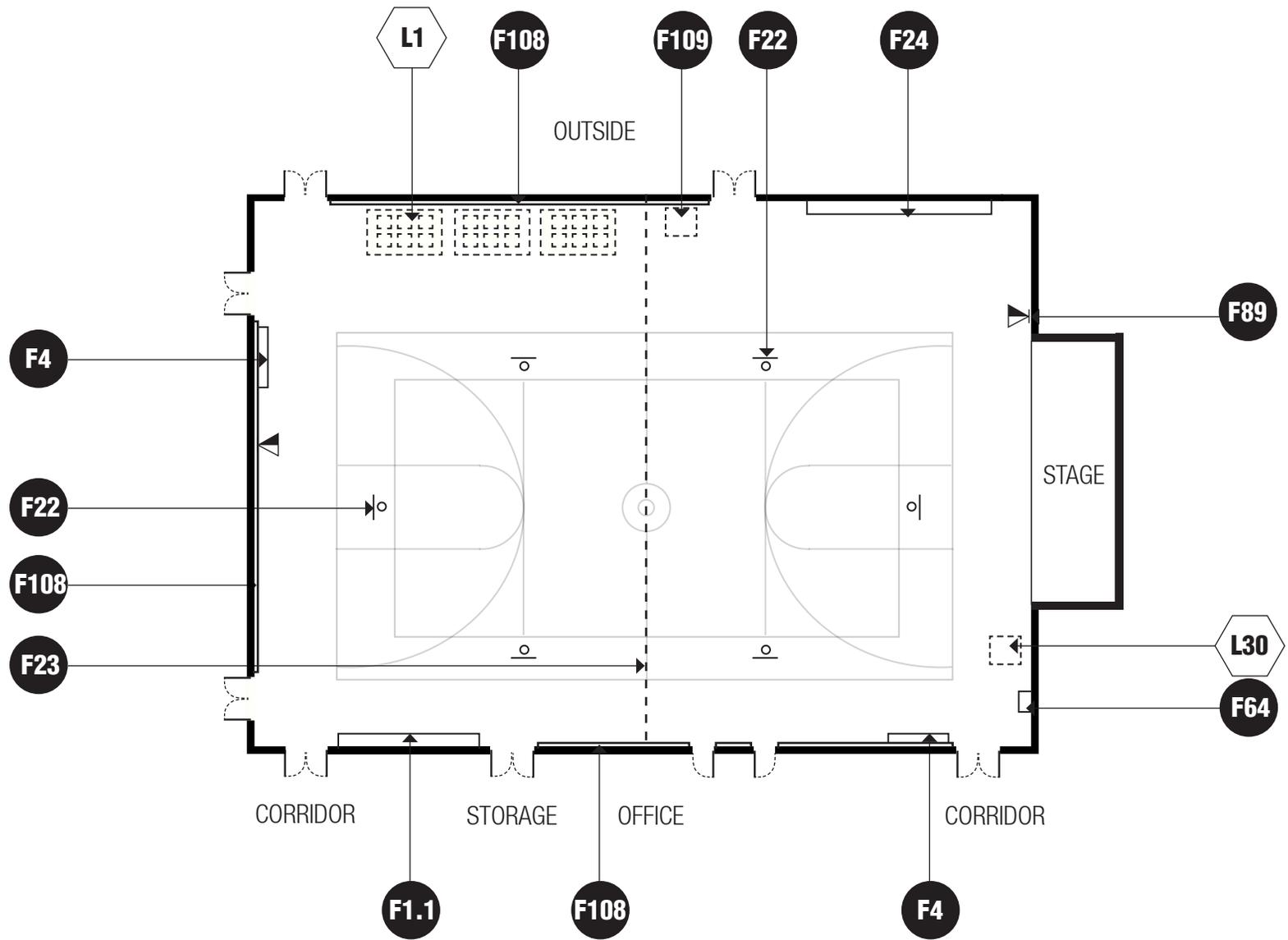
*Stage is listed as required in this program and optional in SD program. Final location of Stage to be determined during the site-specific Ed Spec process and approved by DCPS.

KEY ///

- direct access 
- linked space 
- enclosed space 
- open space 



PHYSICAL EDUCATION ADJACENCY DIAGRAM



E-PE-1 /// GYMNASIUM

size

3,400 - 5,000 SF (clear floor area)

capacity/users

20-25 students per class

2-3 teachers

parents and community members for meetings

5,000 SF classroom should be lined to host two class sections at one time

ancillary spaces

stage (E-PE-2)

office (E-PE-3)

storage (E-PE-4)

chair storage (E-PE-5)

bicycle storage (E-PE-6)

outdoor PE storage (E-PE-7)

spatial relationships

near public restrooms and staff locker/shower, with easy access

access to outdoor physical education and covered play areas

near parking

located with easy access to rest of school, but must be able to close off area for security during evening activities

goals

to provide space for PE classes to meet
to provide space for students to present performances

activities

athletic skills and leadership games

adaptive physical education
student assemblies and programs
lectures/teaching
community use

environmental considerations

uniform and controllable lighting
environmental sound control
adequate sound control/acoustics
clear height of 20' from floor to nearest obstruction
electrical outlets for equipment structure, lighting, and ducts designed not to trap PE balls
ceiling heights should be proportional to room volume
adjoining room with window darkening capabilities
proper AV equipment for front and back of house acoustics
*bleachers are not a priority at this age range

LEGEND ///

● fixed furnishings

F1.1 casework (9-32 LF storage)

F4 marker board (6 LF minimum, 2 sides of gym with electrical outlet below)

F22 basketball operable goals (adjustable height, rims, hoops, ceiling hung or portable)

F23 operable partition-motorized

F24 climbing wall

F64 filtered water fountain with bubbler and gooseneck bottle filler

▶ F89 data drop

F108 safety padding

F109 stereo with Xbox and Wii connection ability (with connection to A/V equipment/speakers from inside gym space)

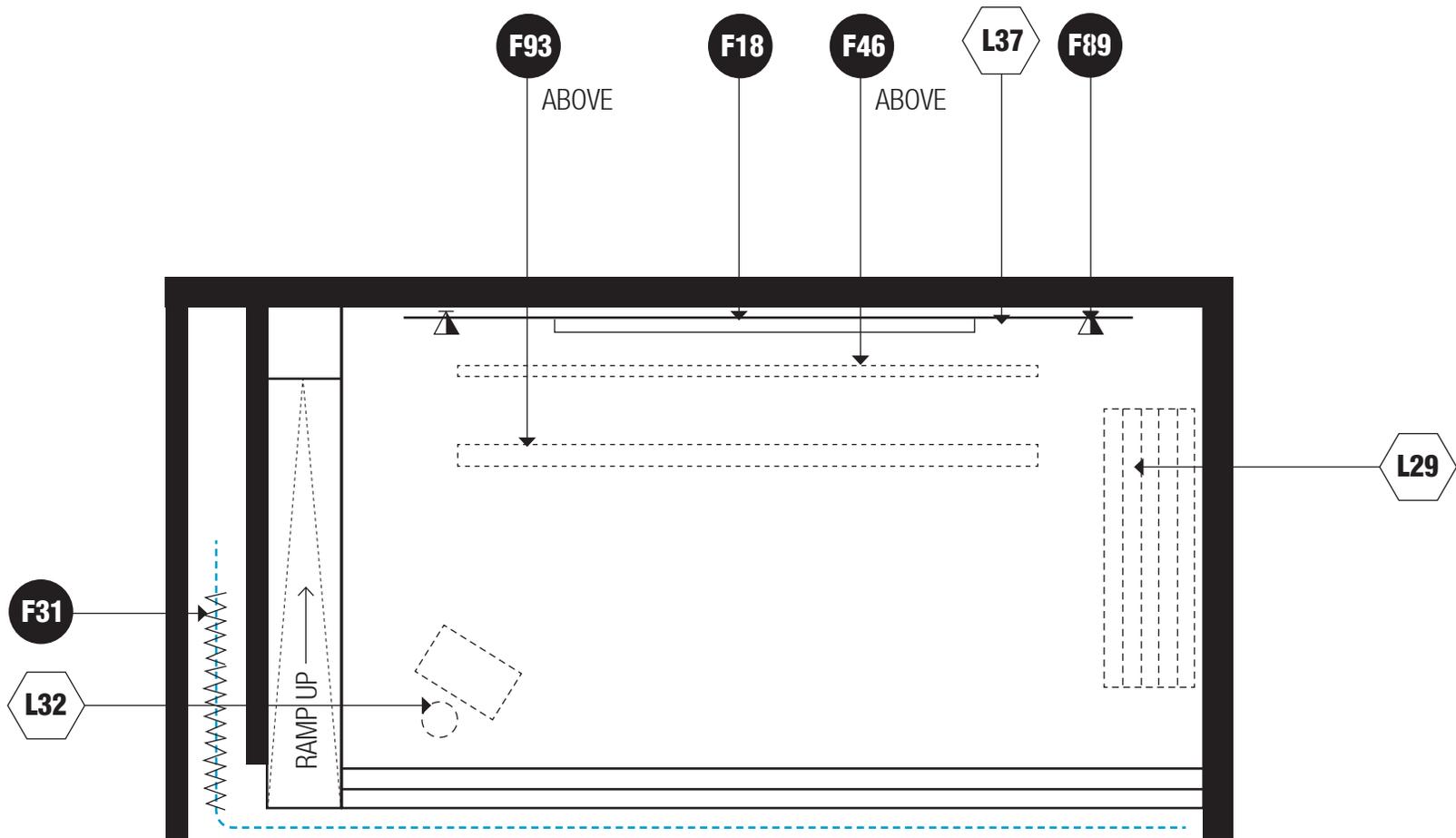
⬡ loose furnishings

L1 stackable/nesting chairs

L30 mobile A/V cabinet

■ AV & IT equipment

n/a



GYMNASIUM

NOTE //
Retractable stages should be considered.

E-PE-2 /// STAGE

size

850 SF

capacity/users

20-25 students

teachers

parents/volunteers

community members

ancillary spaces

gymnasium (E-PE-1)

student dining area/multipurpose
(E-SD-1)

spatial relationships

near chair storage

near music rooms if possible

goals

to provide space for students to present
performances

activities

student assembly/award programs

theatrical/musical performances

in-service conferences

environmental considerations

uniform/theatrical lighting

environmental sound control

electrical outlets for equipment

stage to be no more than 21" above
gymnasium floor

direct ADA and convenient access to
stage via stairs/ramp

fixed construction or "Murphy" retractable

LEGEND ///

● fixed furnishings

F18 mirror

F31 stage curtains

F46 motorized projection screen

▶ F89 data drop

F93 theatre and stage equipment (sound
and lights on joists)

⬡ loose furnishings

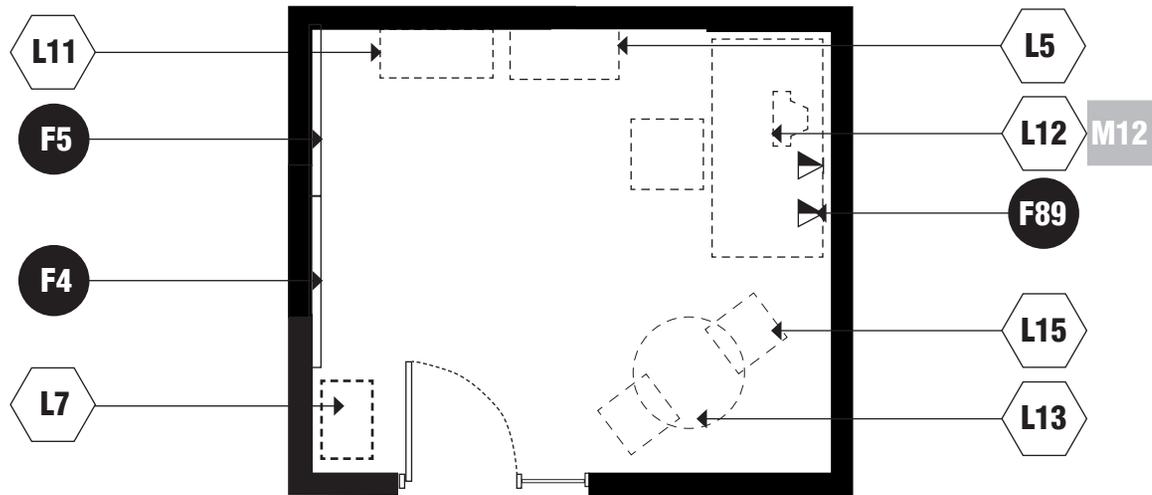
L29 choral risers

L32 conductor's podium and stool

L37 dance barres

■ AV & IT equipment

n/a



size

150-225 SF

capacity/users

1-2 staff members

ancillary spaces

gymnasium (E-PE-1)

spatial relationships

adjacent to PE Storage

visual access to gymnasium

near restrooms

goals

to provide space for PE teachers and administrators

activities

scheduling

planning

maintaining records

meetings/teleconferencing

coaching

environmental considerations

uniform lighting

environmental sound control

electrical outlets for equipment

windows to provide natural light,
desirable

visual access to gymnasium

auditory privacy

LEGEND ///

● fixed furnishings

F4 marker board (6 LF)

F5 tackable magnet/wall surface

▶ F89 data drop

⬡ loose furnishings

L5 four drawer lateral file cabinet

L7 teacher lockable wardrobe

L11 adjustable height bookshelves

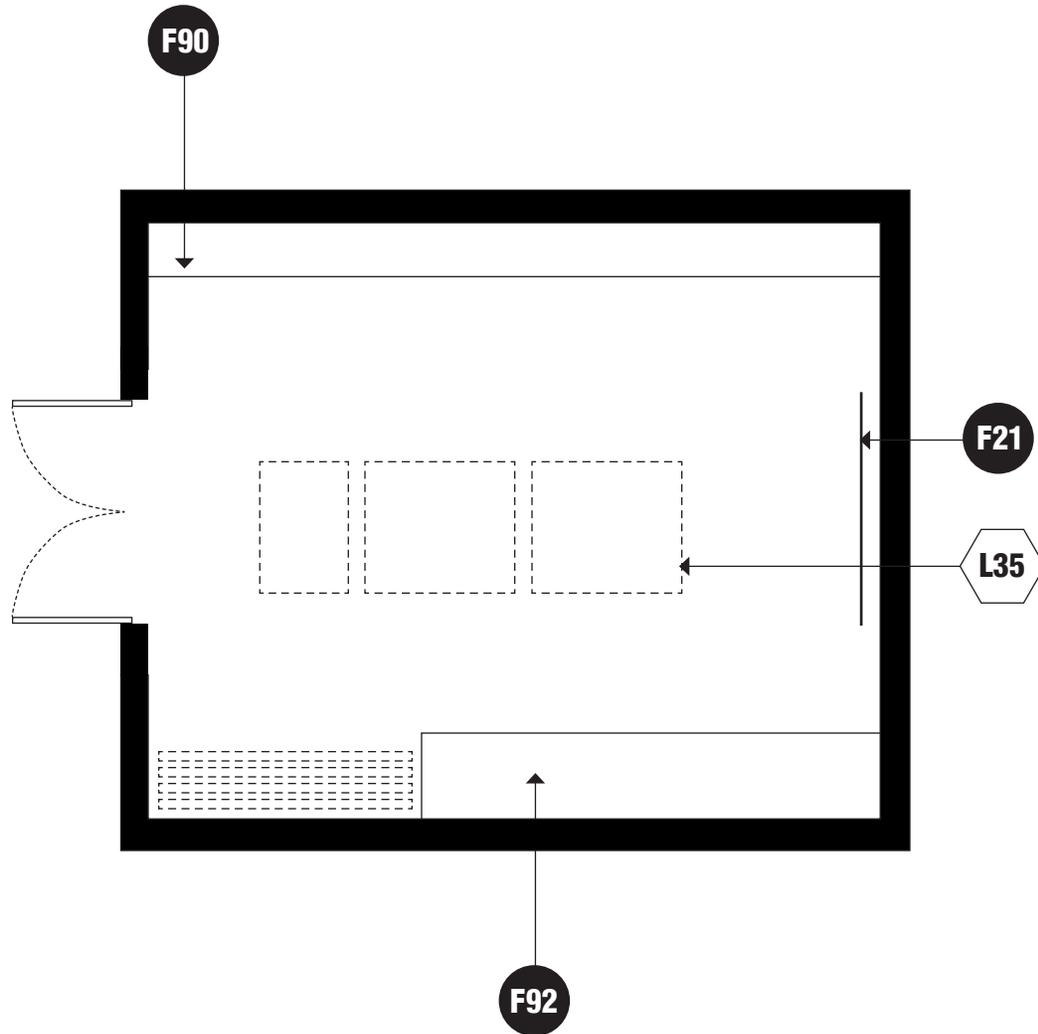
L12 admin workstation and chair

L13 Small table (round)

L15 task chairs (2)

■ AV & IT equipment

M12 laptop computer



E-PE-4 /// STORAGE

size

300-400 SF

capacity/users

1-2 staff members

ancillary spaces

gymnasium (E-PE-1)

spatial relationships

n/a

goals

to provide convenient and adequate storage for all physical education equipment

activities

storage of PE equipment such as tumbling mats, ball bins, etc.

environmental considerations

uniform lighting
leave space below shelving on one wall for portable bins

LEGEND ///

● **fixed furnishings**

F21 peg board

F90 storage shelving 12" deep

F92 storage shelving 18" deep (metal/wire)

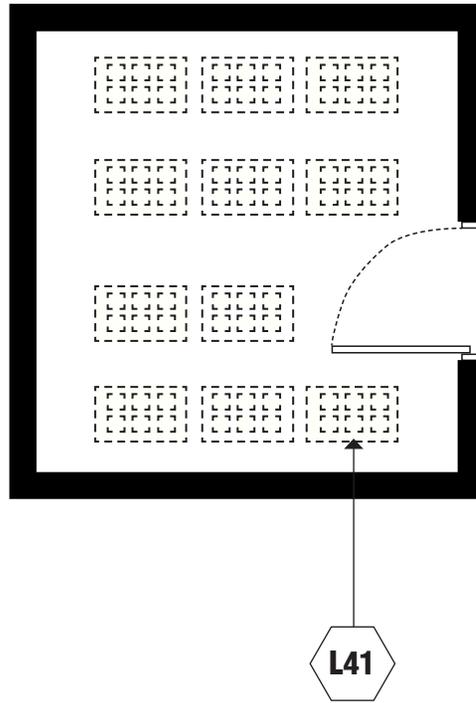
⬡ **loose furnishings**

L35 ball bins

*varied and dynamic equipment suited to store PE equipment

■ **AV & IT equipment**

n/a



E-PE-5 /// CHAIR STORAGE

size

100-200 SF (or as required to accommodate seating quantity)

capacity/users

1 staff member

ancillary spaces

n/a

spatial relationships

gymnasium (E-PE-1)

goals

to provide adequate storage for folding chairs to be used within gymnasium

activities

storage of chairs

environmental considerations

uniform lighting
controllable lighting

LEGEND ///

● **fixed furnishings**

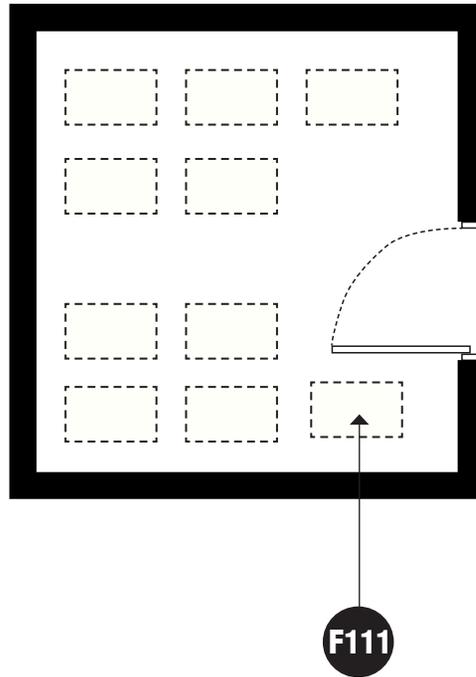
n/a

◡ **loose furnishings**

L41 chair dollies

■ **AV & IT equipment**

n/a



E-PE-6 /// **BICYCLE STORAGE**

size

150 SF (can be combined with storage) (E-PE-5)

capacity/users

1 staff member

ancillary spaces

outdoor PE storage (E-PE-7)
playground (E-PE-8)

spatial relationships

gymnasium (E-PE-1)

goals

to provide adequate storage for bikes and other P.E. equipment to be used within gymnasium

activities

storage of bikes and other P.E. equipment

environmental considerations

uniform lighting
controllable lighting

LEGEND ///

● **fixed furnishings**

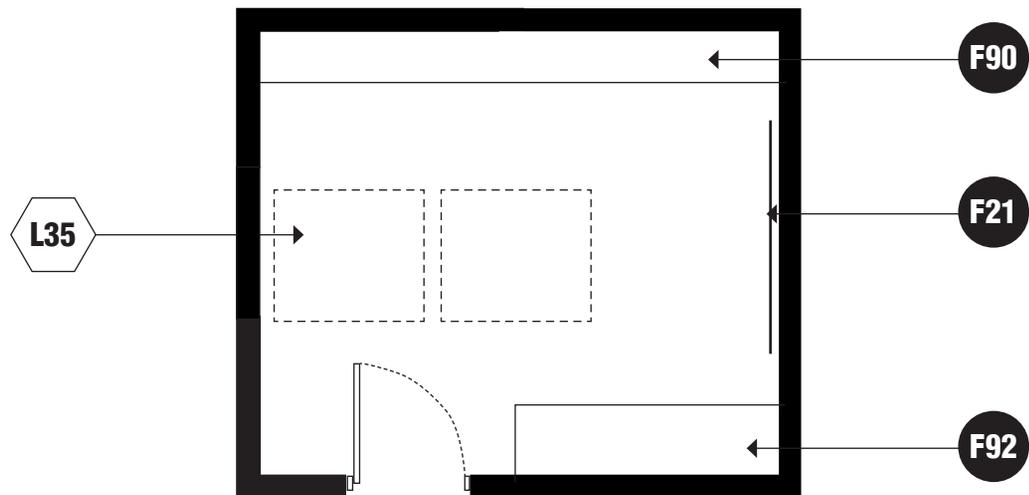
F111 bike rack

◡ **loose furnishings**

n/a

■ **AV & IT equipment**

n/a



E-PE-7 /// OUTDOOR P.E. STORAGE

size

100-200 SF

capacity/users

1 staff member

ancillary spaces

gymnasium (E-PE-1)

spatial relationships

close proximity to play areas outside for

ease of access

exterior access

goals

to provide convenient and adequate

storage for outdoor physical education

equipment

activities

storage of outdoor PE equipment

environmental considerations

uniform lighting

leave space below shelving on one wall

for portable bins

LEGEND ///

● **fixed furnishings**

F21 peg board

F90 storage shelving 12" deep

F92 storage shelving 18" deep (metal/wire)

⬡ **loose furnishings**

L35 ball bins

*varied and dynamic equipment suited to

store PE equipment

■ **AV & IT equipment**

n/a

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Playground design to be determined by
site specific program and conditions

size

playground size to be determined during site specific program and conditions

capacity

students
staff
parents/volunteers
community members

ancillary spaces

outdoor classroom (E-ACA-17)

spatial relationships

near academic core areas
designated classrooms may have direct access to playgrounds
public access
close proximity to water fountains and trash cans
shaded areas (structured, play equipment and/or landscaping)

goals

provide playground areas to allow for a range of ages, abilities and interests to accomodate a variety of spaces including play equipment, open space, outdoor classrooms, garden beds, fields and courts.

activities

inclusive interactive features that allow an opportunity for swinging, balancing, climbing, sliding, tactile, and imaginary

and sensory play

open space areas should allow for running, biking, hard surface games (e.g. four square, hopscotch, etc.), imaginary play, and quiet time.

site and equipment considerations

locate equipment with moving parts at the perimeter of the play area
soft surfacing in all fall zones
ensure safe zones are around all moving equipment
include a variety of types of play elements to encourage tactile, imaginary, and sensory play
include tables and chairs for age group
include hard surface with basketball courts and group games, if space allows
include tables and chairs for age group

accessibility standards

meet or exceed the Americans with Disability Act guidelines and include inclusive play elements
playground design to be determined by site specific program and conditions

E-AD /// **ADMINISTRATION**

ENTRANCE LOBBY
WELCOME CENTER
SECURITY AREA
CONFERENCE ROOM
PRINCIPAL'S OFFICE
ADMINISTRATIVE OFFICE
ADMINISTRATIVE WORKROOM
RECORDS ROOM
PARENT RESOURCE CENTER (OPTIONAL)
COUNSELOR'S OFFICE
STUDENT SERVICES
STUDENT SERVICES CONFERENCE
EXTRA-CURRICULAR WORKROOM/
PROGRAM OFFICE
STAFF LOUNGE
WELLNESS / LACTATION ROOM

| SPACE | 325 STUDENTS | | | 400 STUDENTS | | | 500 STUDENTS | | | 700 STUDENTS | | |
|-----------------------------------------------|--------------|-----|--------------|--------------|-----|--------------|--------------|-----|--------------|--------------|-----|--------------|
| | QTY | SF | TOTAL |
| ADMINISTRATION | | | | | | | | | | | | |
| Entrance Lobby** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Welcome Center | 1 | 460 | 460 | 1 | 500 | 500 | 1 | 550 | 550 | 1 | 650 | 650 |
| Security Area | 1 | 75 | 75 | 1 | 75 | 75 | 1 | 75 | 75 | 1 | 75 | 75 |
| Conference Room | 1 | 200 | 200 | 1 | 200 | 200 | 1 | 200 | 200 | 1 | 200 | 200 |
| Principal's Office | 1 | 200 | 200 | 1 | 200 | 200 | 1 | 200 | 200 | 1 | 200 | 200 |
| Administrative Office | 2 | 150 | 300 | 2 | 150 | 300 | 2 | 150 | 300 | 3 | 150 | 450 |
| Administrative Workroom | 1 | 250 | 250 | 1 | 250 | 250 | 1 | 250 | 250 | 1 | 400 | 400 |
| Records Room | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 |
| Parent Resource Center* | 1 | 200 | 200 | 1 | 200 | 200 | 1 | 200 | 200 | 1 | 200 | 200 |
| Counselor's Office | 1 | 150 | 150 | 1 | 150 | 150 | 2 | 150 | 300 | 2 | 150 | 300 |
| Student Services | 2 | 150 | 300 | 2 | 150 | 300 | 2 | 150 | 300 | 2 | 150 | 300 |
| Student Services Conference | 1 | 200 | 200 | 1 | 200 | 200 | 1 | 200 | 200 | 1 | 200 | 200 |
| Extra-curricular Workroom / Program Office | 1 | 300 | 300 | 1 | 300 | 300 | 1 | 300 | 300 | 1 | 300 | 300 |
| Staff Lounge | 1 | 450 | 450 | 1 | 450 | 450 | 1 | 450 | 450 | 1 | 450 | 450 |
| Wellness / Lactation Room | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 |
| TOTAL | | | 3,385 | | | 3,425 | | | 3,625 | | | 4,025 |

Comments //

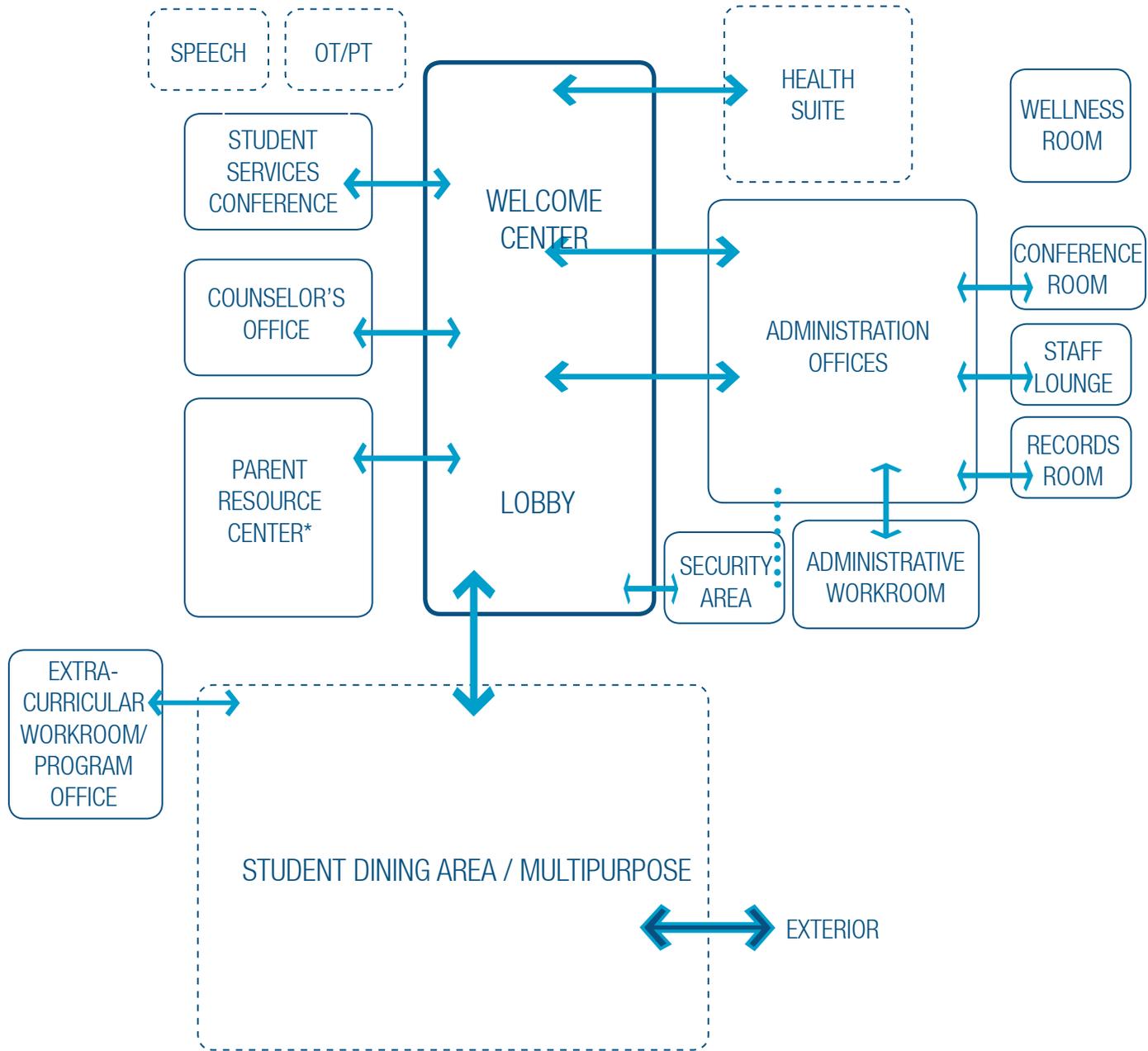
*This space is optional. The inclusion of this space will be determined during the site-specific Ed Spec process and approved by DCPS.

**The size and quantity of these spaces to be determined during site specific Ed Spec and design, included as part of Gross Up in prototype.

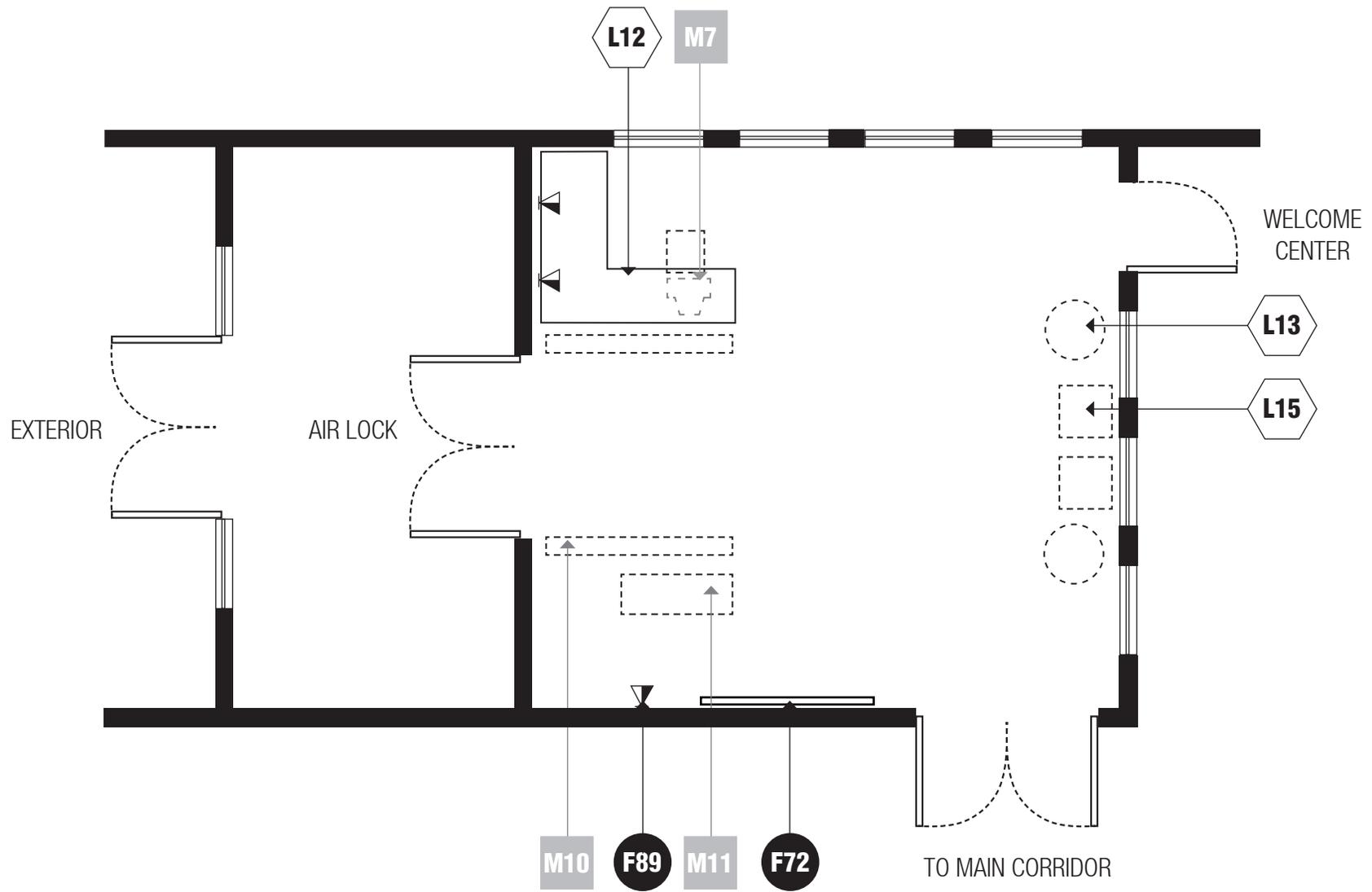
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KEY ///

- direct access 
- linked space 
- enclosed space 
- open space 



ADMINISTRATION ADJACENCY DIAGRAM



E-AD-1 /// ENTRANCE LOBBY

capacity/users

3-4 staff members
security officers

ancillary spaces

n/a

spatial relationships

adjacent to main entry
direct access to welcome center
direct access to security area

goals

to greet visitors and provide a welcoming
access to the school
to serve as a check-in and checkpoint for
school visitors and attendees

activities

greet and welcome students, staff, and
visitors
central gathering and meeting area for
school community
security screenings of students, staff, and
visitors
monitor main entrance to school

environmental considerations

uniform and controllable lighting
environmental sound control
aesthetically pleasing
windows for natural sunlight
acoustically treated

LEGEND ///

● **fixed furnishings**

F72 3D displays

▶ F89 data drop

◡ **loose furnishings**

L12 admin workstation and chair

L13 small table

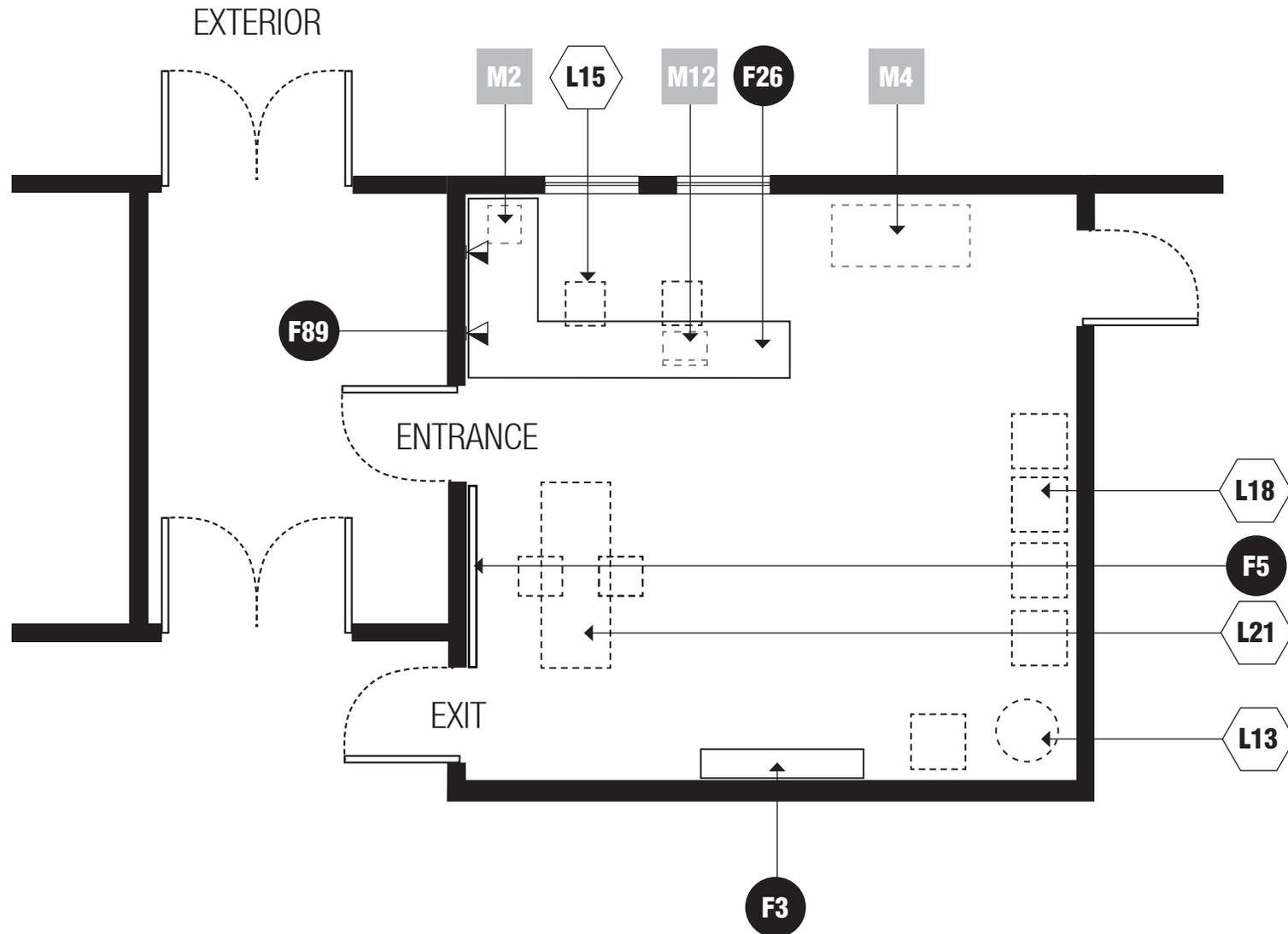
L15 task chair

■ **AV & IT equipment**

M7 desktop computer

M10 metal detectors

M11 x-ray equipment



E-AD-2 /// WELCOME CENTER

size

460-650 SF

capacity/users

- 10 people
- administrative assistants
- visitors/parents
- students

ancillary spaces

n/a

spatial relationships

- located inside the main administrative area directly accessible from entry vestibule
- near public restrooms
- maximize views to exterior and main entry
- public address alcove
- closet (lockable)

goals

- to provide a space designed to help students and visitors feel welcomeD
- and to provide easily accessed information

activities

- greeting visitors
- waiting for students or staff
- student waiting/pick up area
- workstation for administrative assistant

environmental considerations

- uniform and controllable lighting
- adequate ventilation
- environmental sound control

- electrical outlets for equipment
- windows to provide natural sunlight
- administrative area should be mechanically zoned for year round use
- interior windows
- no visual access to the public of computer screens, paperwork, etc.

LEGEND ///

● **fixed furnishings**

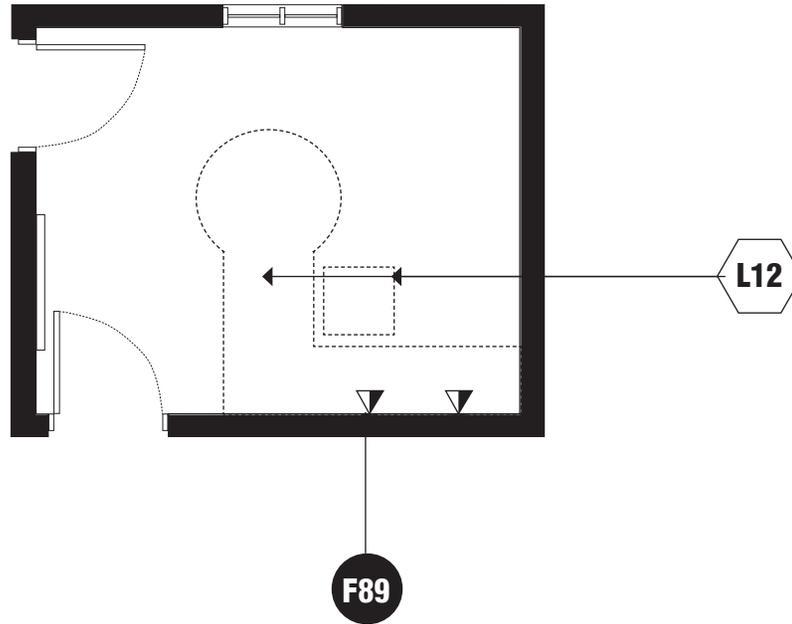
- F3 wall shelving
- F5 tackable/magnetic wall surface
- F26 reception counter
- ▶ F89 data drop

◻ **loose furnishings**

- L13 small table (3)
- L15 task chair (4)
- L18 lounge chairs (4-6)
- L21 work table (for check in station)

■ **AV & IT equipment**

- M2 color printer
- M4 photocopy machine
- M12 laptop computer



E-AD-3 /// SECURITY AREA

size

75 SF

capacity/users

1 staff member

ancillary spaces

n/a

spatial relationships

adjacent to main entry

goals

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

activities

check-in/out visitors
monitor main entrance to school
workstation for security office

environmental considerations

uniform and controllable lighting
environmental sound control
recessed electrical outlets located in floor

LEGEND ///

● **fixed furnishings**

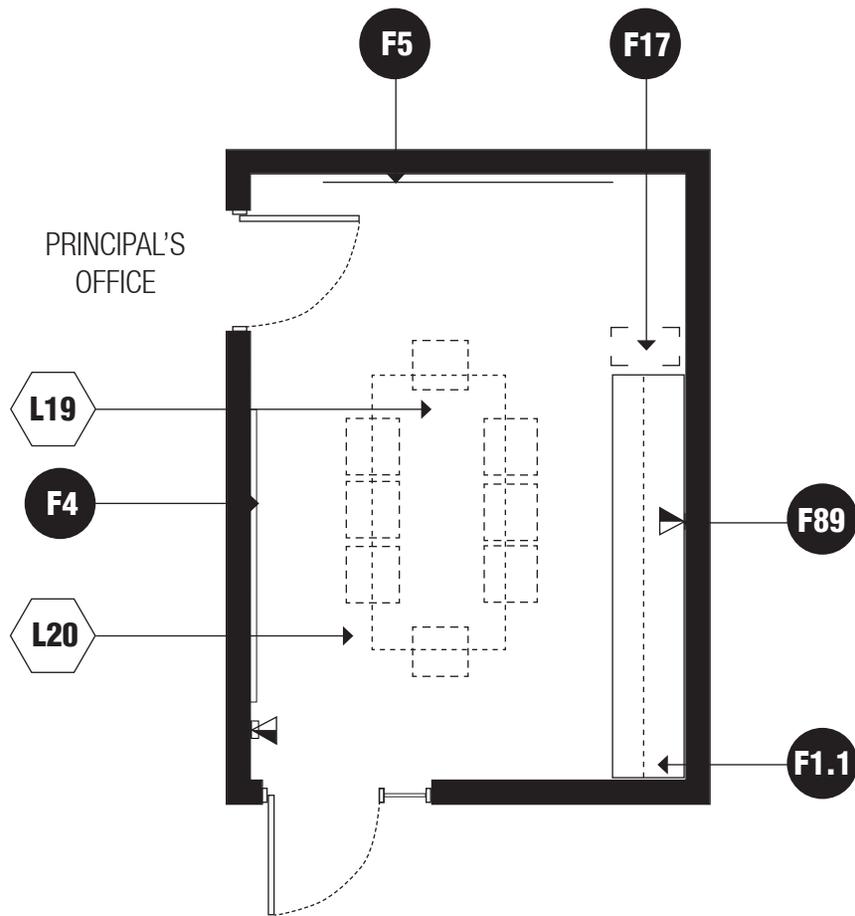
▶ F89 data drop

⬡ **loose furnishings**

L12 admin workstation with chair

■ **AV & IT equipment**

n/a



E-AD-4 /// CONFERENCE ROOM

size

200 SF

capacity/users

6-8 people

ancillary spaces

n/a

spatial relationships

near welcome center

centrally located within administrative area

adjacent and access to principal's office

goals

to provide a place for administrative conferences or meetings

activities

conferences with staff, parents, and visitors

environmental considerations

uniform and controllable lighting

environmental sound control

electrical outlets for equipment

windows to provide natural sunlight, desirable

auditory privacy

LEGEND ///**● fixed furnishings**

F1.1 casework

F4 marker board (6 LF minimum)

F5 tackable/magnetic wall surface (6 LF minimum)

F110 2D display

▶ F89 data drop

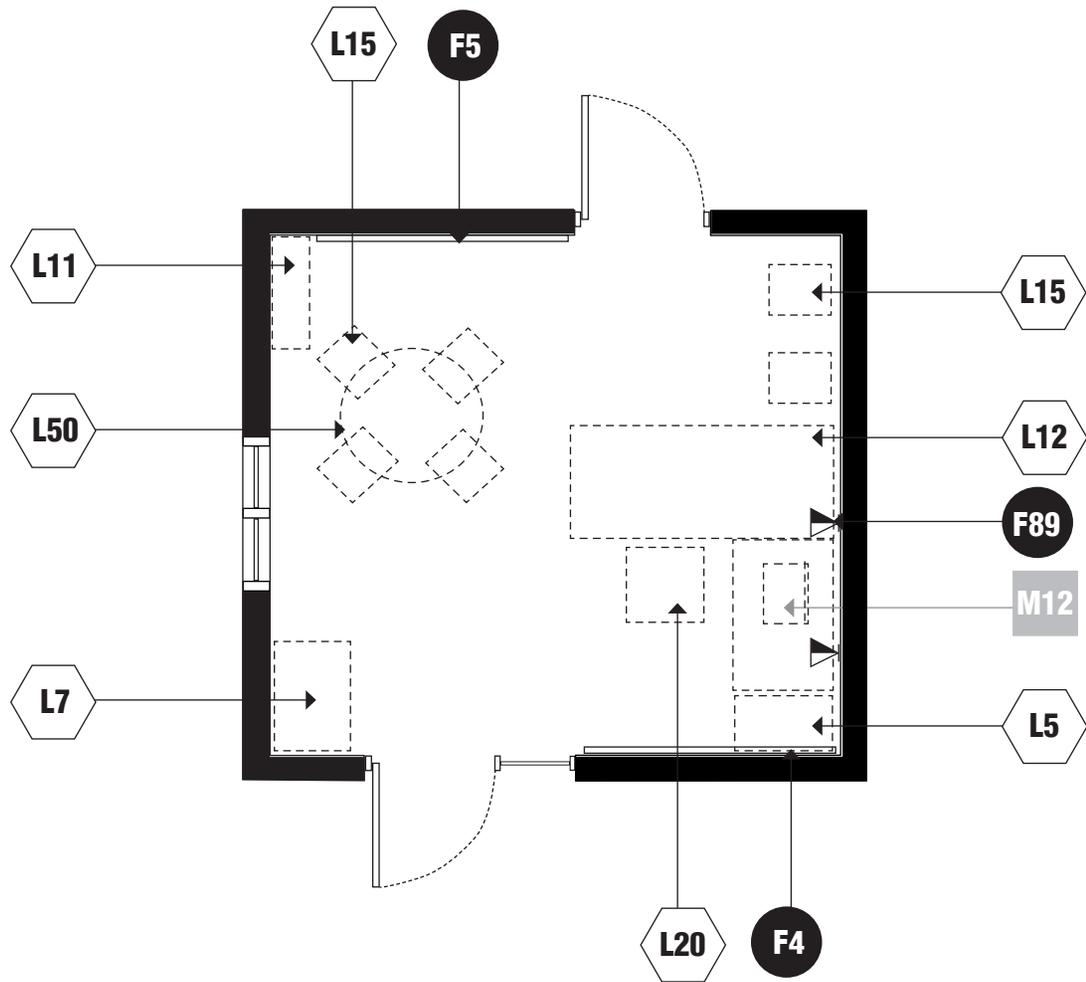
⬡ loose furnishings

L19 conference table (with technology installations - VGA jacks, data outlets, power outlets, etc.)

L20 executive chair (8)

■ AV & IT equipment

n/a



E-AD-5 /// PRINCIPAL'S OFFICE

size

200 SF

capacity/users

1-5 people

ancillary spaces

conference room (E-AD-4)

spatial relationships

near main entry

near administrative assistant

adjacent and access to conference room

goals

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

activities

conferences with staff, parents, and visitors

curriculum development

research and planning

telephone communications

dealing with personnel issues

coordination of school and support services

environmental considerations

uniform and controllable lighting

environmental sound control

electrical outlets for equipment

windows to provide natural sunlight, desirable

auditory privacy

view to entrance, parking lot and/or circulation (optional)

LEGEND ///**● fixed furnishings**

F4 marker board

F5 tackable/magnet wall surface (6 LF min)

▶ F89 data drop

⬡ loose furnishings

L5 four drawer file cabinet

L7 teacher's lockable wardrobe

L11 adjustable height bookshelves (12 LF)

L12 admin workstation and chair

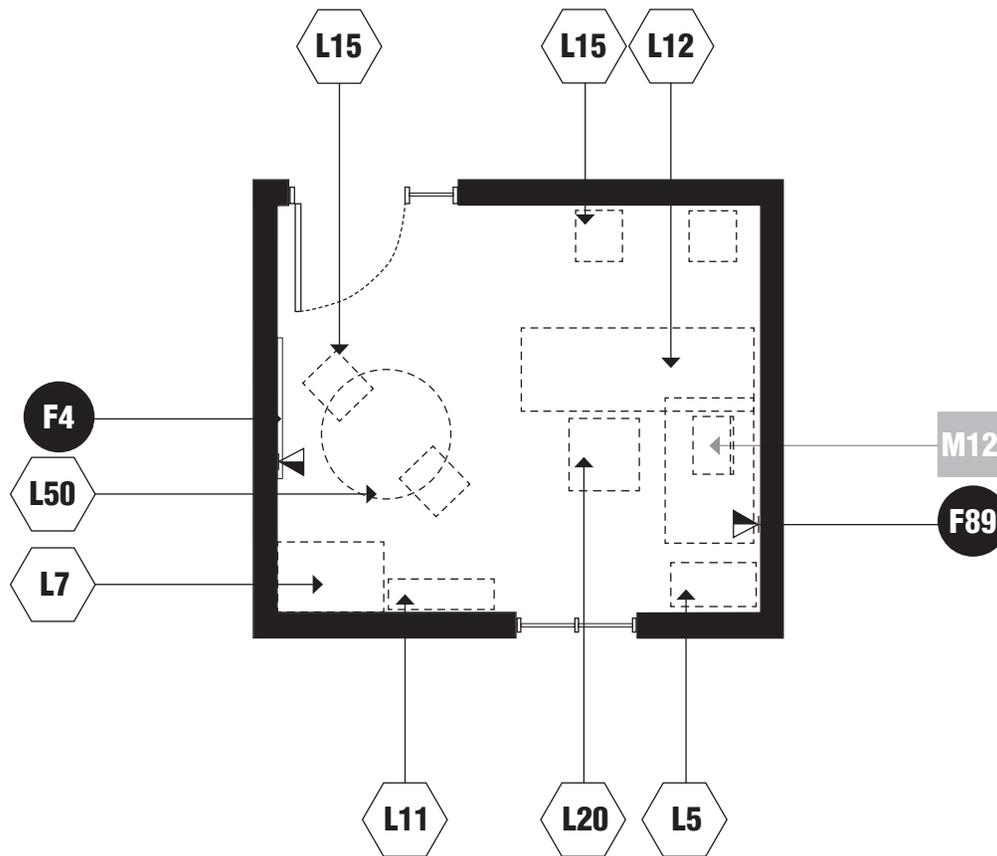
L15 task chair (4-6)

L20 executive chair

L50 small conference table

■ AV & IT equipment

M12 laptop computer



E-AD-6 /// ADMINISTRATIVE OFFICE

size

150 SF

capacity/users

1-4 people

ancillary spaces

n/a

spatial relationships

may be located near academic core for supervision

may be located near administration suite

goals

to provide an office for the assistant principal or other administrative staff to perform administrative functions

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

environmental considerations

uniform lighting, areas of soft lighting

environmental sound control

electrical outlets for equipment

windows to provide natural sunlight, desirable

auditory privacy

LEGEND ///

● fixed furnishings

F4 marker board (6 LF minimum)

▶ F89 data drop

◻ loose furnishings

L5 four drawer lateral file cabinet

L7 teachers lockable wardrobe

L11 adjustable height bookshelves (12 LF)

L12 admin workstation and chair

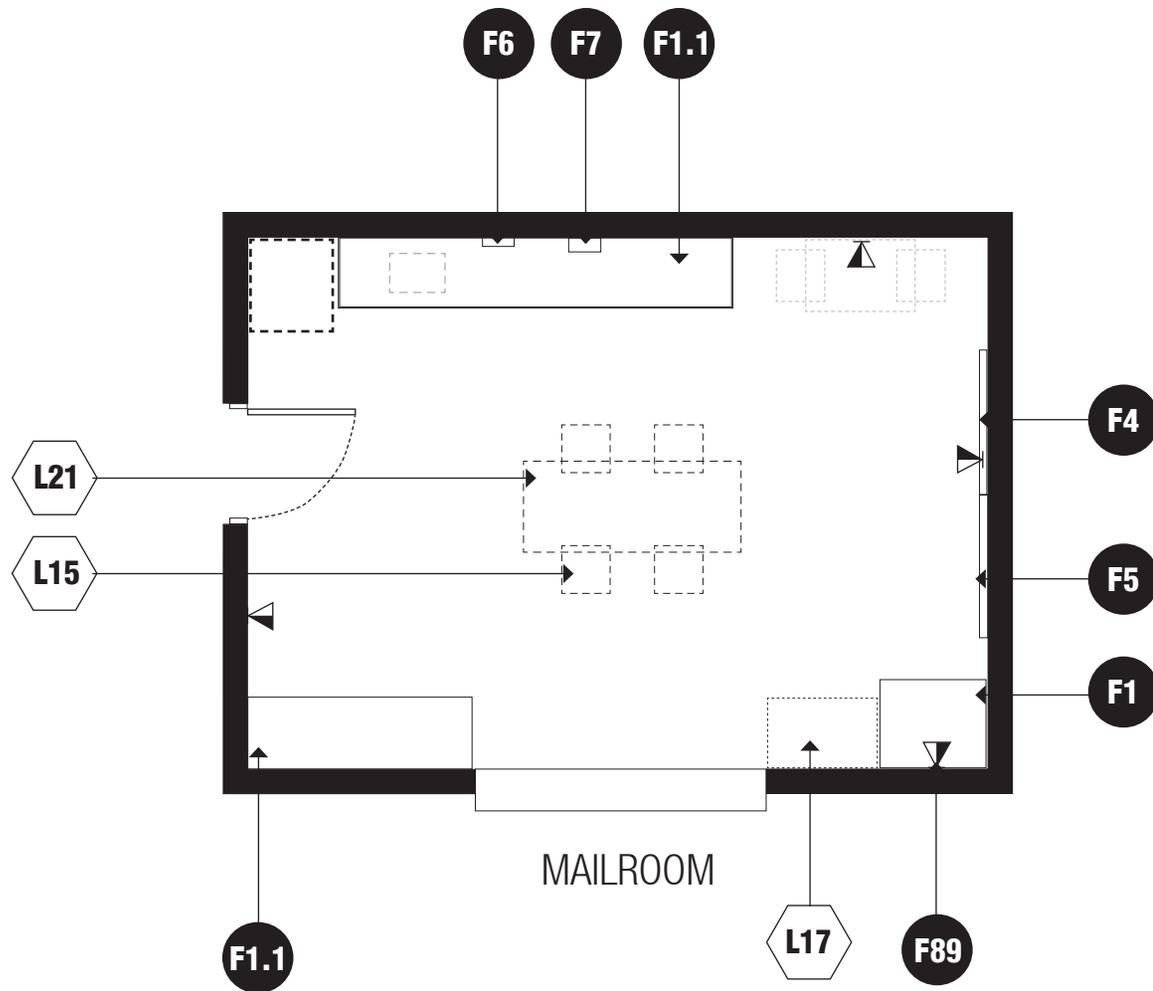
L15 task chair (2-4)

L20 executive chair

L50 small conference table

■ AV & IT equipment

M12 laptop computer



E-AD-7 /// ADMINISTRATIVE WORKROOM

size

250-400 SF

capacity/users

2-3 people

ancillary spaces

n/a

spatial relationships

near welcome center
adjacent to mail room

goals

to provide an area for information to be recorded

activities

copying
collating
sorting of files
preparing communications for mailing
binding reports
telephone communications

environmental considerations

uniform lighting, areas of soft lighting
environmental sound control
electrical outlets for equipment
auditory privacy

LEGEND ///

● **fixed furnishings**

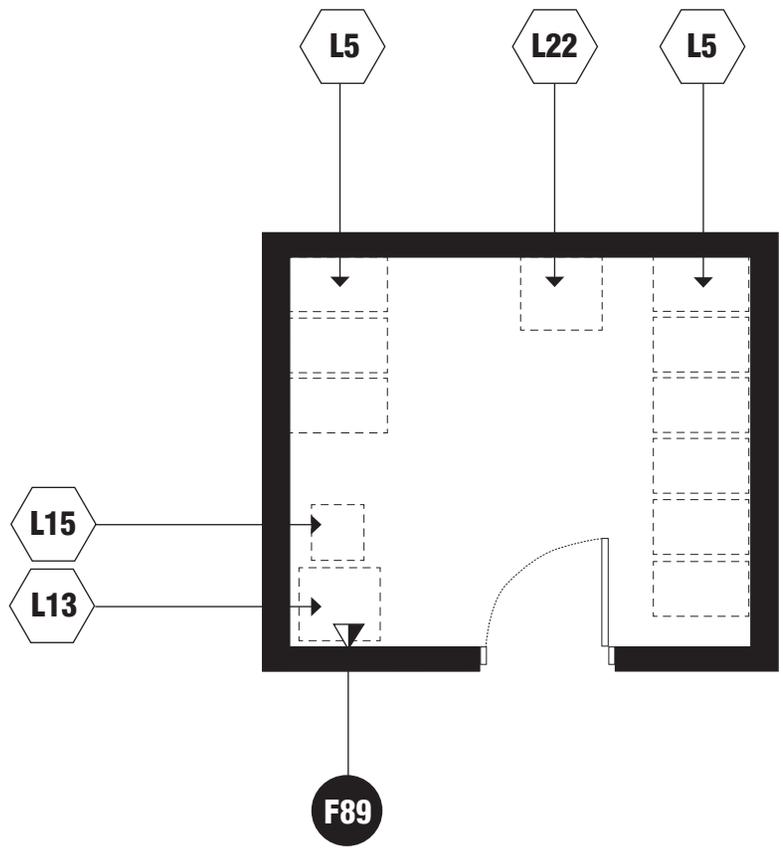
- F1 base/wall cabinets and shelving
- F1.1 casework (mail slots - 12" wide x 6" high x 15" deep with 65, 80, 95 total slots and pass-through cabinets below)
- F4 marker board (6 LF min)
- F5 tackable/magnetic wall surface (6 LF min)
- F6 soap dispenser
- F7 towel dispenser
- ▶ F89 data drop

⬡ **loose furnishings**

- L15 task chair (2-4)
- L17 printer station
- L21 work table

■ **AV & IT equipment**

n/a



E-AD-8 /// **RECORDS ROOM**

size

150 SF

capacity/users

1-2 people

ancillary spaces

n/a

spatial relationships

near main office

goals

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

activities

storing of money and other valuable items
storage of files and records
accessible to administration staff

environmental considerations

uniform and controllable lighting
security of door

LEGEND ///

● **fixed furnishings**

▶ F89 data drop

⬡ **loose furnishings**

L5 four drawer lateral file cabinet (8-10 fireproof file cabinets)

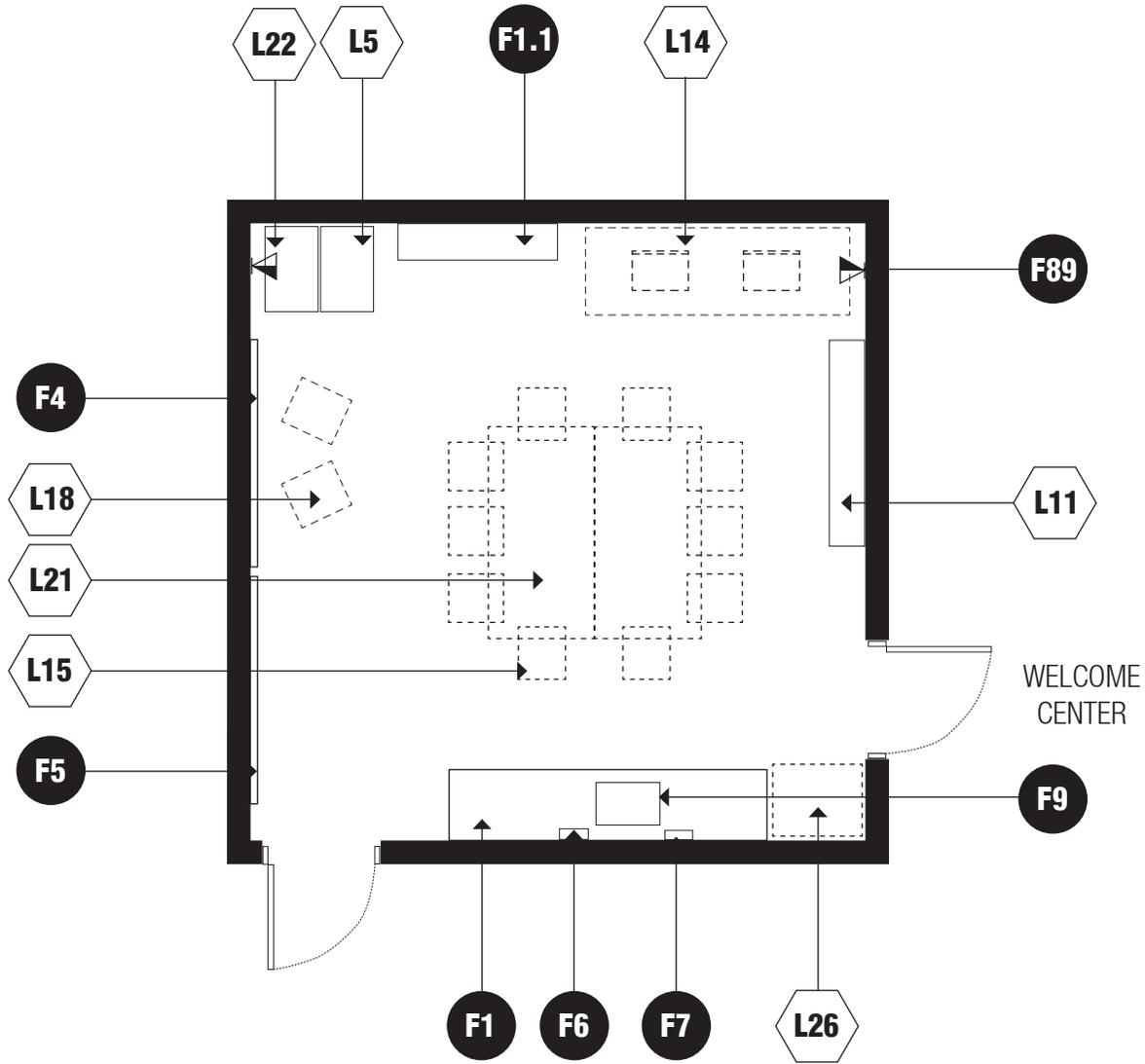
L13 small table

L15 chair

L22 safe

■ **AV & IT equipment**

n/a



E-AD-9 /// PARENT RESOURCE CENTER (OPTIONAL)

size

200 SF

capacity/users

1-8 people

ancillary spaces

n/a

spatial relationships

near principal's office

near welcome center

goals

*only required in title 1 schools, optional
in all other schools

to provide a place for parents to meet and
work when they volunteer at school

to provide a place for parents to store
their personal belongings

to provide a space for parents to check
out and use parenting sources

activities

small group meetings

work area

storage for personal items

parent training

private consultation

parent employment research

volunteer registration

environmental considerations

uniform and controllable lighting

environmental sound control

moisture and stain resistant finishes

adequate exhaust/ventilation

LEGEND ///**● fixed furnishings**

F1 base/wall cabinets and shelving

F1.1 casework (wall cabinets)

F4 marker board

F5 tackable/magnet wall surface

F6 soap dispenser

F7 towel dispenser

F9 classroom sink

F18 mirror

▶ F89 data drop

⬡ loose furnishings

L2 stackable/nesting tables

L5 four drawer lateral file cabinet

L11 adjustable height bookshelves (20 LF)

L14 computer workstation (2-3 - laptop)

L15 task chair (10)

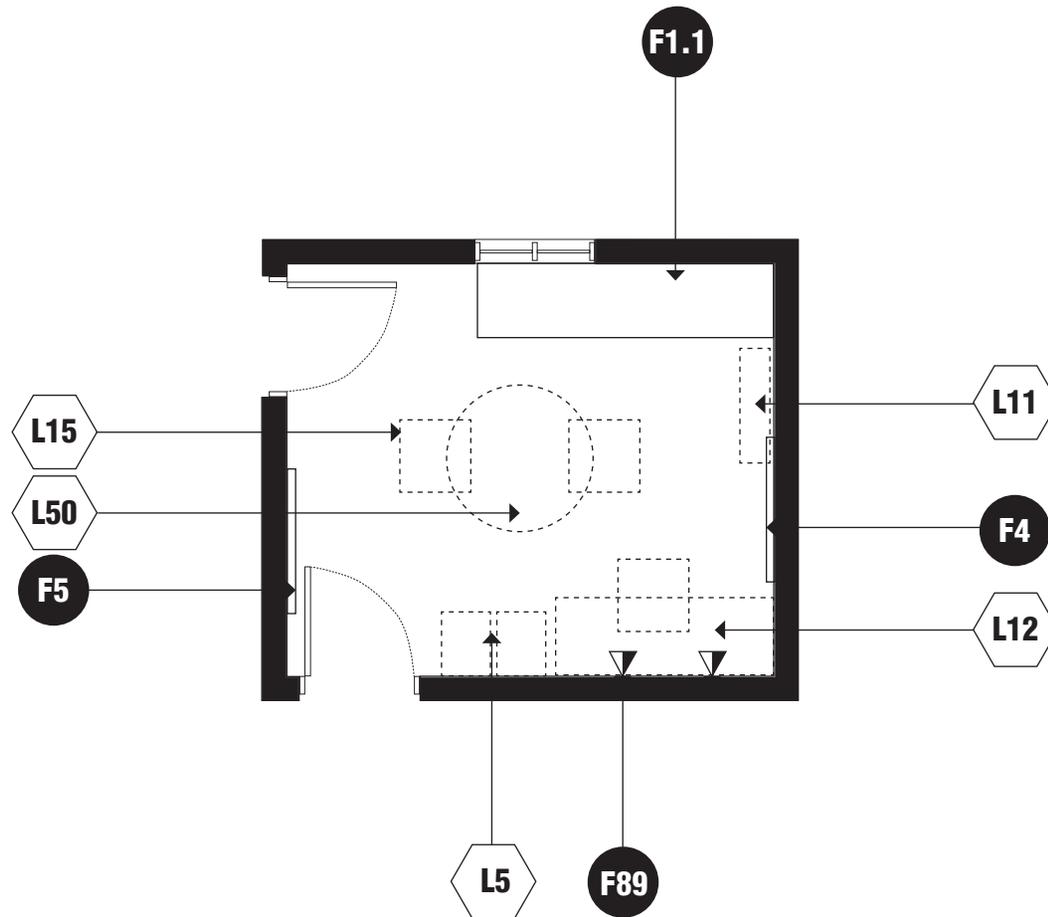
L18 lounge chairs

L22 safe

L26 refrigerator

■ AV & IT equipment

n/a



E-AD-10 /// COUNSELOR'S OFFICE

size

150 SF

capacity/users

2-3 people

ancillary spaces

n/a

spatial relationships

near student services
near welcome center

goals

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

activities

counseling for students and parents
administrative paperwork
enrollment and orientation of new students

environmental considerations

uniform lighting
environmental sound control
electrical outlets for equipment
windows to provide natural light

LEGEND ///

● **fixed furnishings**

F1.1 casework (8 LF)

F4 marker board

F5 tackable/magnetic wall surface (6 LF min)

▶ F89 data drop

⬡ **loose furnishings**

L5 four drawer lateral file cabinet (2)

L11 adjustable height bookshelves

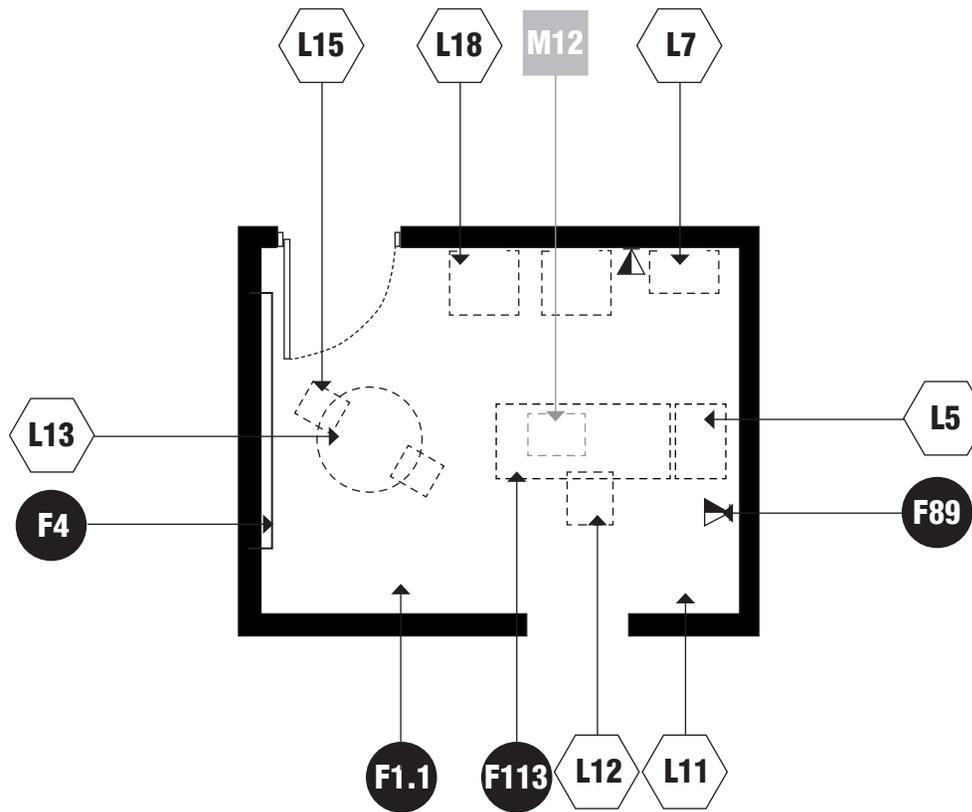
L12 admin workstation and chair

L15 task chair (2)

L50 small conference table (round - 4 people)

■ **AV & IT equipment**

n/a



size

150 SF

capacity/users

1-4 people
counselors
psychologist
social worker
students and parents
staff
teachers

ancillary spaces

n/a

spatial relationships

near academic core areas
near staff restrooms

goal

provide a flexible space to accommodate
mental health services, counselors,
and small group meetings

activities

one-on-one counseling
group counseling
parent teacher meetings
mental health services

environmental considerations

windows to provide natural light on an
exterior wall if possible
environmental sound control
uniform and controllable lighting

auditory and visual privacy
lite in door for visual access and security
purposes

LEGEND ///

● fixed furnishings

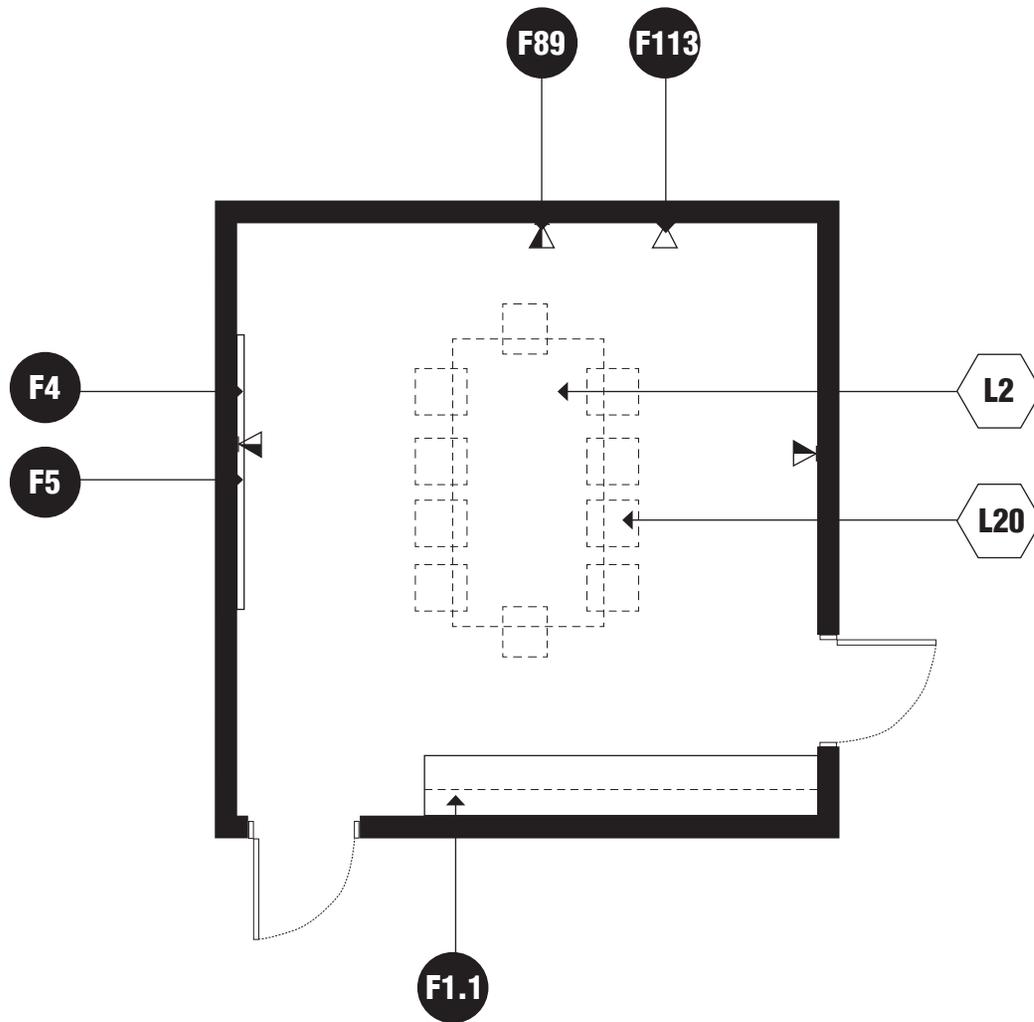
F1.1 casework (12 LF, lockable)
F4 marker board (6 LF minimum)
▶ F89 data drop
F113 IEP fax line

⬡ loose furnishings

L5 four drawer lateral file cabinet
L7 teacher's lockable wardrobe (optional)
L11 adjustable height bookshelves
L12 admin workstation and chair
L13 small table
L15 task chair
L18 lounge chair

■ AV & IT equipment

M12 laptop computer



E-AD-12 /// STUDENT SERVICES CONFERENCE

size

200 SF

capacity/users

6-8 people

ancillary spaces

n/a

spatial relationships

adjacent and access to speech and ot/pt

goals

to provide a place for administrative and student conferences or meetings

activities

conference with staff, students, parents, and visitors

environmental considerations

uniform and controllable lighting
environmental sound control
electrical outlets for equipment
auditory privacy
windows to provide natural light

LEGEND ///

● fixed furnishings

F1.1 casework (base with wall cabinets, 12 LF)

F4 marker board (6 LF min)

F5 tackable/magnetic wall surface (6 LF min)

▶ F89 data drop

F113 iep fax line

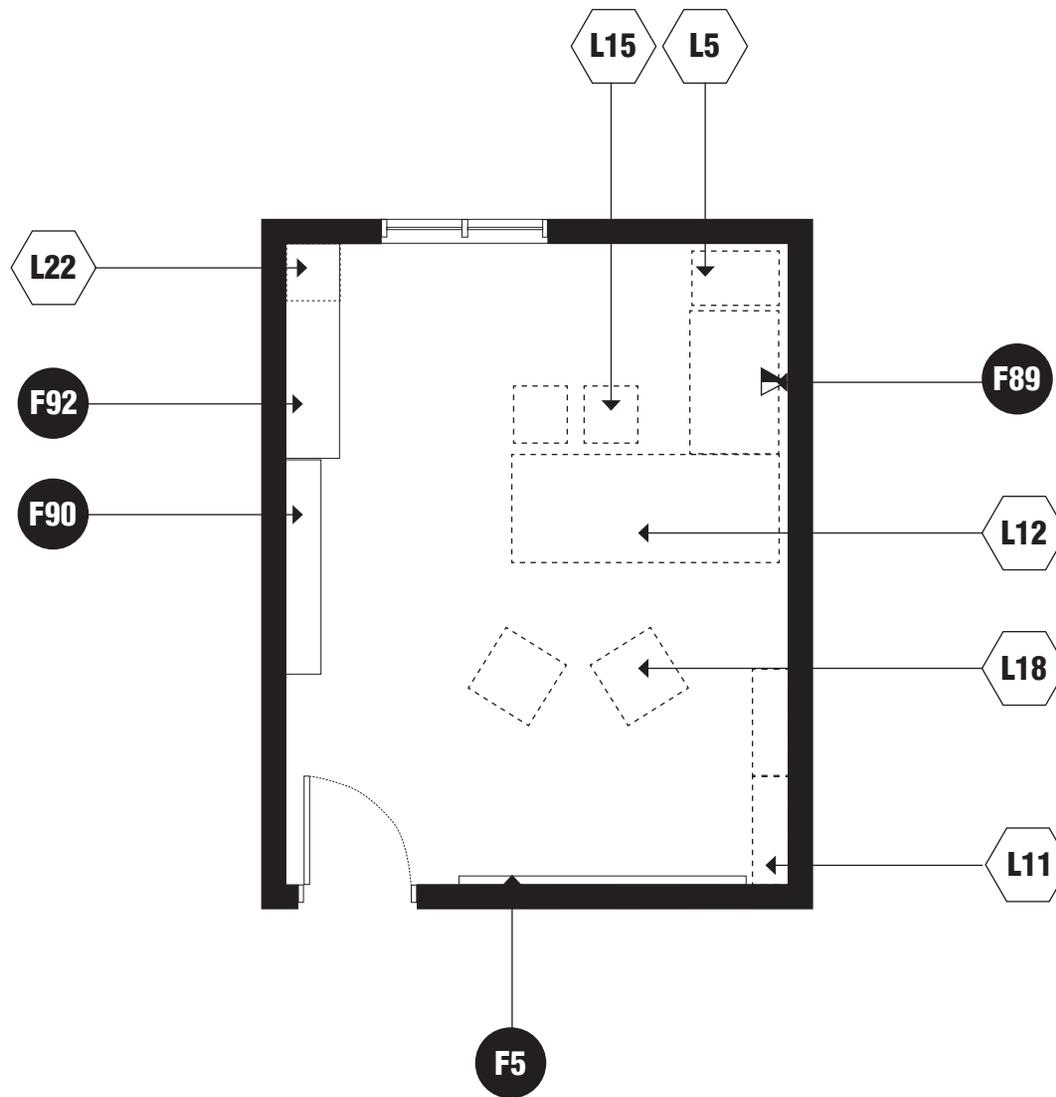
⬡ loose furnishings

L2 stackable/nesting tables

L20 executive chairs (10)

■ AV & IT equipment

n/a



E-AD-13 /// EXTRA-CURRICULAR WORKROOM / PROGRAM OFFICE

size

300 SF

capacity/users

2-4 people

ancillary spaces

n/a

spatial relationships

near public use spaces

near gymnasium and student dining area/
multipurpose

access to main corridor

goals

office and storage area for before/after
school program coordinators

activities

administrative duties

storing and retrieving supplies and
equipment

teaching/tutoring and counseling

environmental considerations

uniform lighting, areas of soft lighting

environmental sound control

electrical outlets for equipment

windows to provide natural sunlight and
egress

LEGEND ///

● fixed furnishings

F5 tackable/magnetic wall surface (6 LF min)

▶ F89 data drop

F90 storage shelving - 12" deep

F92 storage shelving - 18" deep

⬡ loose furnishings

L5 four drawer lateral file cabinet

L11 adjustable height bookshelves (12 LF)

L12 admin workstation and chair

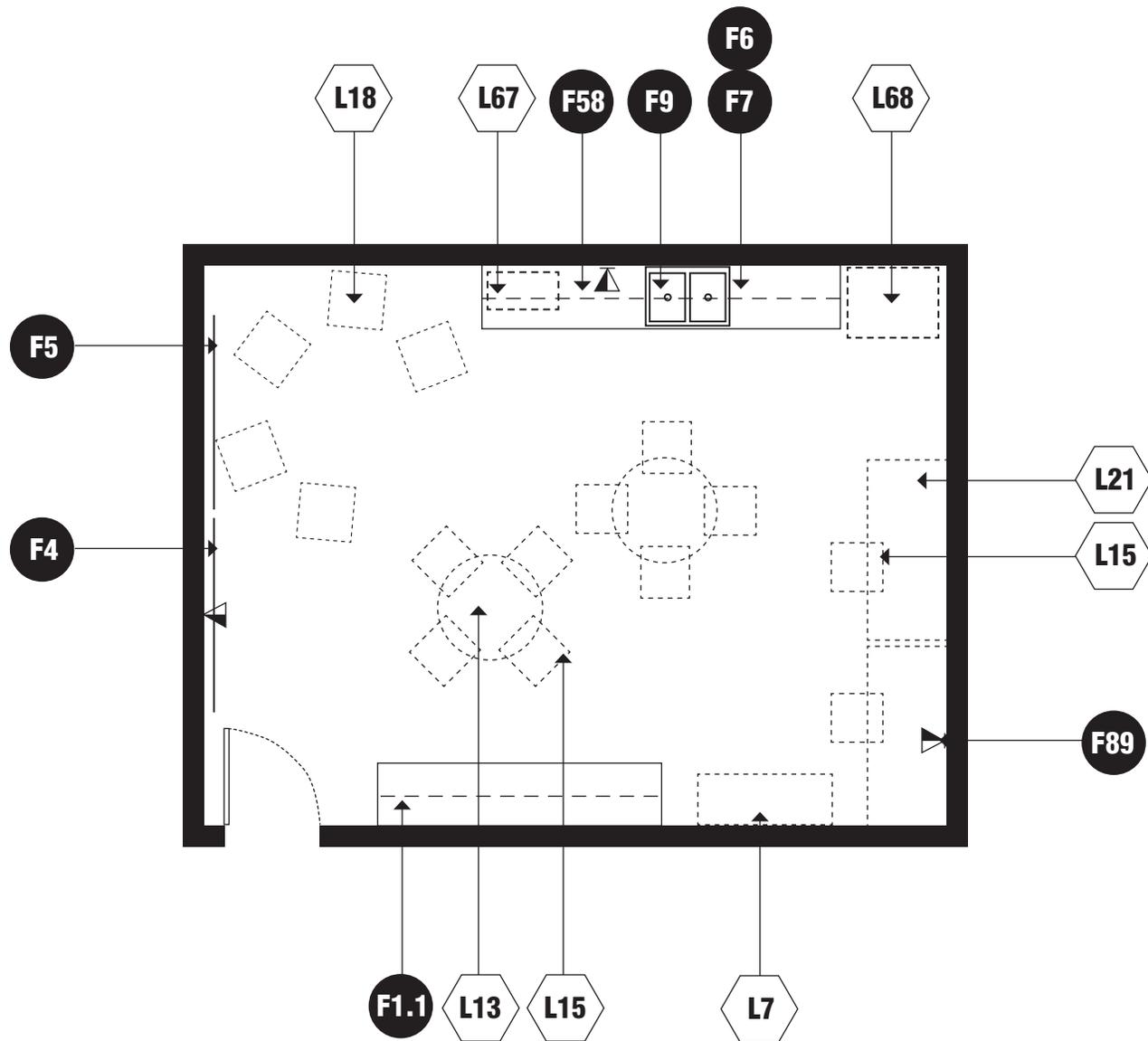
L15 task chair (2)

L18 lounge chair

L22 safe

■ AV & IT equipment

n/a



E-AD-14 /// STAFF LOUNGE

size

450 SF

capacity/users

10-20 people

ancillary spaces

n/a

spatial relationships

near welcome center

goals

to provide a place for teachers, administrators, and staff to lounge, collaborate and eat

activities

a breakout space for teachers, administrators, and staff to lounge, collaborate, eat and socialize

environmental considerations

uniform lighting, areas of soft lighting
environmental sound control
electrical outlets for equipment
auditory privacy

LEGEND ///

● fixed furnishings

F1 base/wall cabinets and shelving

F1.1 casework (base/wall cabinets and shelving)

F4 marker board (6 LF min)

F5 tackable/magnetic wall surface (6 LF min)

F6 soap dispenser

F7 towel dispenser

F58 kitchenette

F82 drinking fountain with water bottle filler

▶ F89 data drop

⬡ loose furnishings

L13 small tables - seat 4 (2+)

L15 task chairs (10-20)

L18 lounge chairs (5)

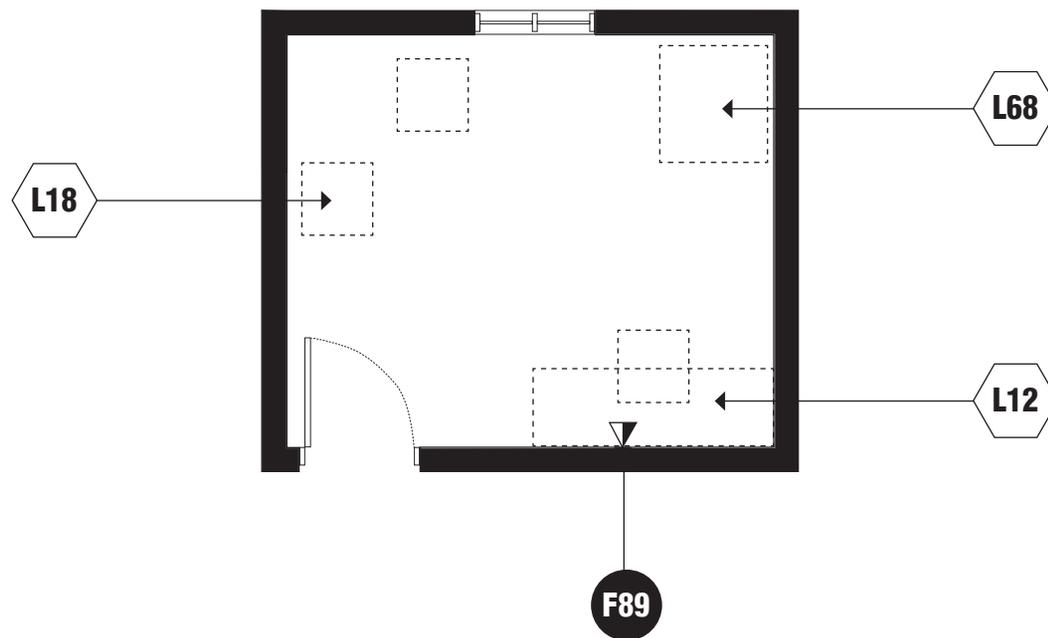
L21 work table (2) (rectangular along the wall)

L67 microwave

L68 refrigerator / commercial

■ AV & IT equipment

n/a



E-AD-15 /// WELLNESS / LACTATION ROOM

size

150 SF

capacity/users

1 person

ancillary spaces

n/a

spatial relationships

near staff lounge

goals

to provide a space for teachers and administrators wellness needs including pumping

activities

wellness and pumping

environmental considerations

uniform lighting, areas of soft lighting
environmental sound control
electrical outlets for equipment
auditory privacy
visual privacy

LEGEND ///

● **fixed furnishings**

▶ F89 data drop

⬡ **loose furnishings**

L12 admin workstation and chair

L18 lounge chair (2)

L68 commercial refrigerator

■ **AV & IT equipment**

n/a

E-HS /// **HEALTH SUITE**

WAITING AREA

TREATMENT AREA

COTS

OFFICE

TOILET

STORAGE

| SPACE | 325 STUDENTS | | | 400 STUDENTS | | | 500 STUDENTS | | | 700 STUDENTS | | |
|---------------------|--------------|-----|------------|--------------|-----|------------|--------------|-----|------------|--------------|-----|------------|
| | QTY | SF | TOTAL |
| HEALTH SUITE | | | | | | | | | | | | |
| Waiting Area | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 |
| Treatment Area | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 |
| Cots | 1 | 100 | 100 | 1 | 100 | 100 | 1 | 100 | 100 | 1 | 100 | 100 |
| Office | 1 | 100 | 100 | 1 | 100 | 100 | 1 | 100 | 100 | 1 | 100 | 100 |
| Toilet | 1 | 50 | 50 | 1 | 50 | 50 | 1 | 50 | 50 | 1 | 50 | 50 |
| Storage | 1 | 25 | 25 | 1 | 25 | 25 | 1 | 25 | 25 | 1 | 25 | 25 |
| TOTAL | | | 575 | | | 575 | | | 575 | | | 575 |

Comments //

Note: In this document, staff assumptions were made to ensure staff spaces were approximately correct at each capacity model. Specific square footage requirements and quantity of spaces will be completed during the site specific ed spec process. Assumptions for the capacity model are: 325 students : 51 staff; 400 students : 57 staff; 500 students : 66 staff; 700 students: 81 staff.

KEY ///

direct access 

linked space 

enclosed space 

open space 

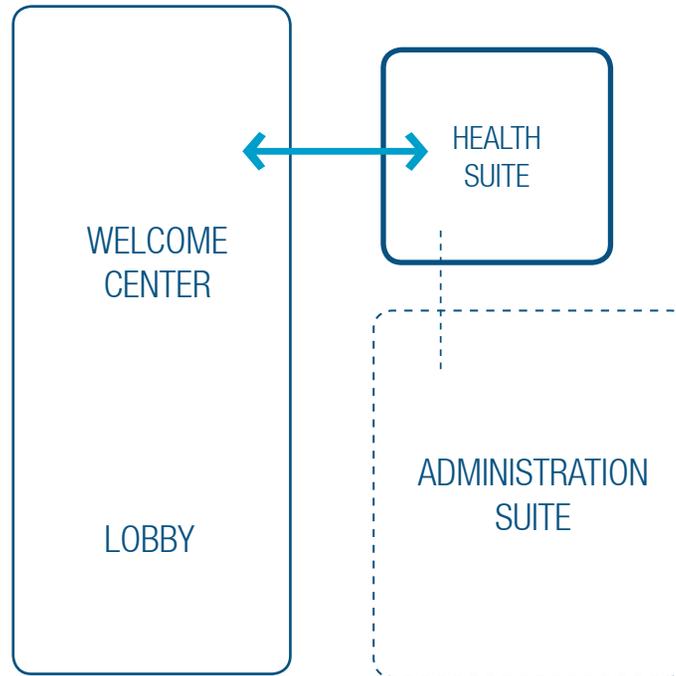
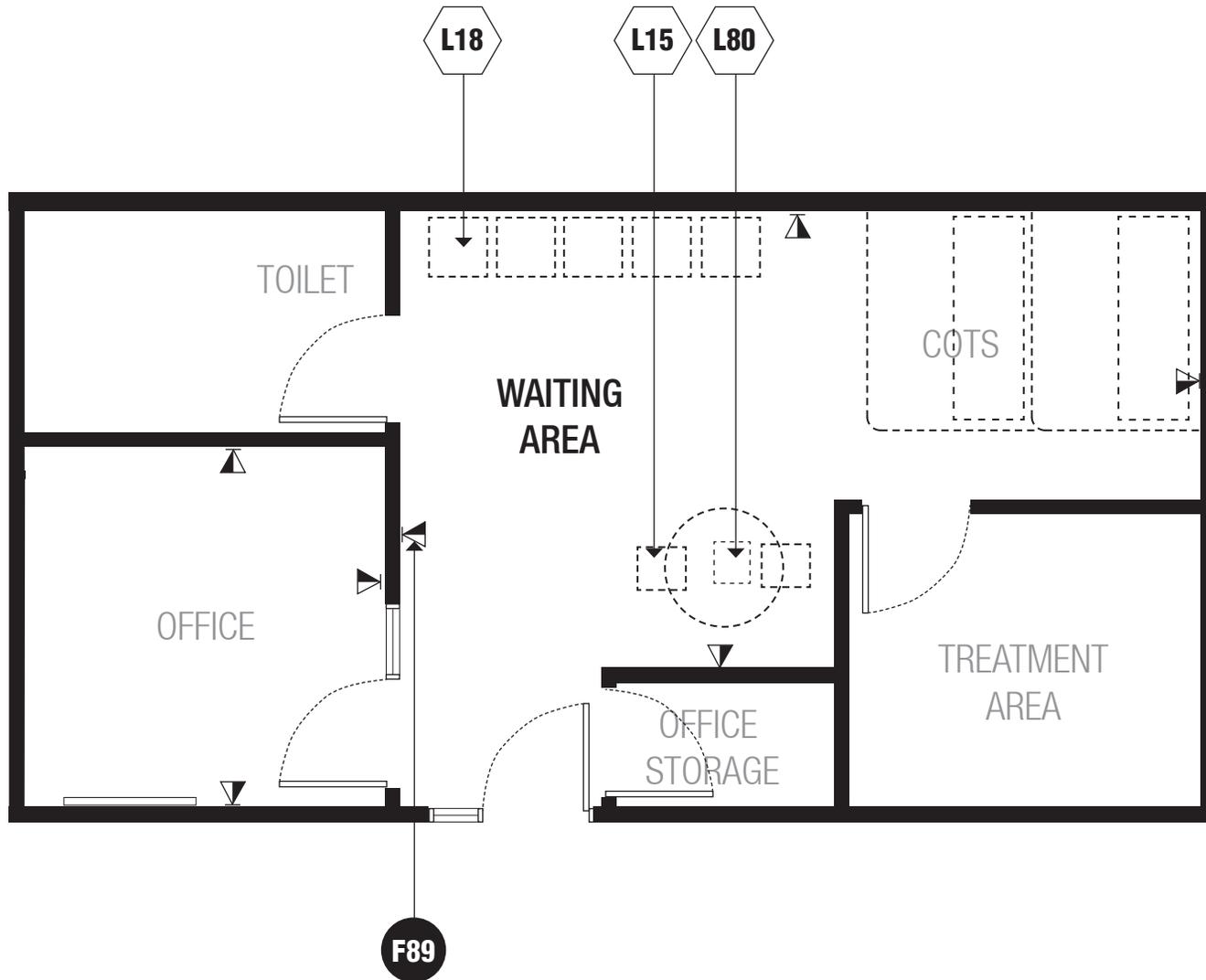


FIG. 39.0 // **HEALTH SUITE ADJACENCY DIAGRAM**



E-HS-1 /// **WAITING AREA**

size

150 SF

capacity/users

1-2 people

ancillary spaces

treatment area (E-HS-2)

storage (E-HS-6)

spatial relationships

may be located near academic core for supervision

may be located near administration suite

goals

administrative and meeting area for health

activities

meeting area for students, parents, or guardians

administrative activities by school nurse

private conversations

environmental considerations

uniform lighting, areas of soft lighting

environmental sound control

electrical outlets for equipment

visual and auditory privacy

visual control to welcome center or corridor

LEGEND ///

● **fixed furnishings**

▶ F89 data drop

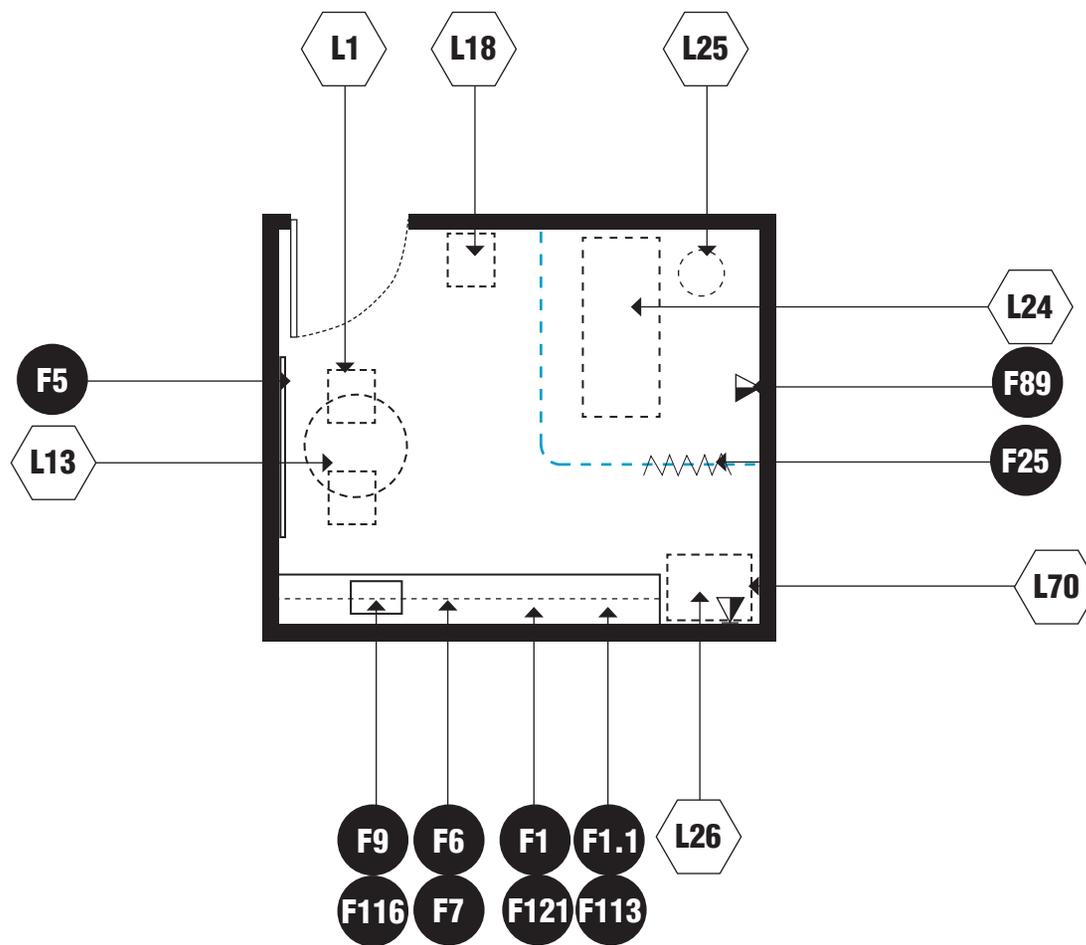
⬡ **loose furnishings**

L18 lounge chair (non-porous)

L80 brochure display stand

■ **AV & IT equipment**

n/a



E-HS-2 /// TREATMENT AREA

size

150 SF

capacity/users

1-2 people

ancillary spaces

waiting area (E-HS-1)

cots (E-HS-3)

office (E-HS-4)

toilet (E-HS-5)

storage (E-HS-6)

spatial relationships

near welcome center

near lobby entrance

goals

provide school based health services

activities

first aid

consultation with students

health screening

medical treatments

medication administration

student resting while awaiting pick-up by
parent or guardian

environmental considerations

uniform lighting, areas of soft lighting

environmental sound control, per current

Building Code, DCPS/DOH

requirements

electrical outlets for equipment

auditory and visual privacy

stain resistant floor covering

sink with hot and cold water

adequate ventilation

locate away from rooms with copiers,

interferes with hearing screening

visual control to waiting area,

welcome center, and cots.

all surfaces and furnishings should be

non-porous for easy cleaning

all doors should be locked for privacy, but

should be lockable from the outside

with a key

LEGEND ///**● fixed furnishings**

F1 base/wall cabinets and shelving (place for
refrigerator connected to back-up
generator)

F1.1 casework (seamless non-porous
counter)

F5 tackable/magnetic wall surface (6 LF min)

F6 soap dispenser

F7 towel dispenser

F9 classroom sink

F25 treatment cubicle curtains - Ceiling
mounted curtains to provide privacy

to each cot. Must be easily removable for
cleaning; solid panel for privacy with
mesh at top for ventilation

▶ F89 data drop

F113 IEP fax line

F116 sink mounted eye washing station

F121 wall-mounted medication cabinet
(lockable)

⬡ loose furnishings

L1 stackable/nesting chairs (2-3)

L13 small table

L18 lounge chairs

L24 mobile exam table

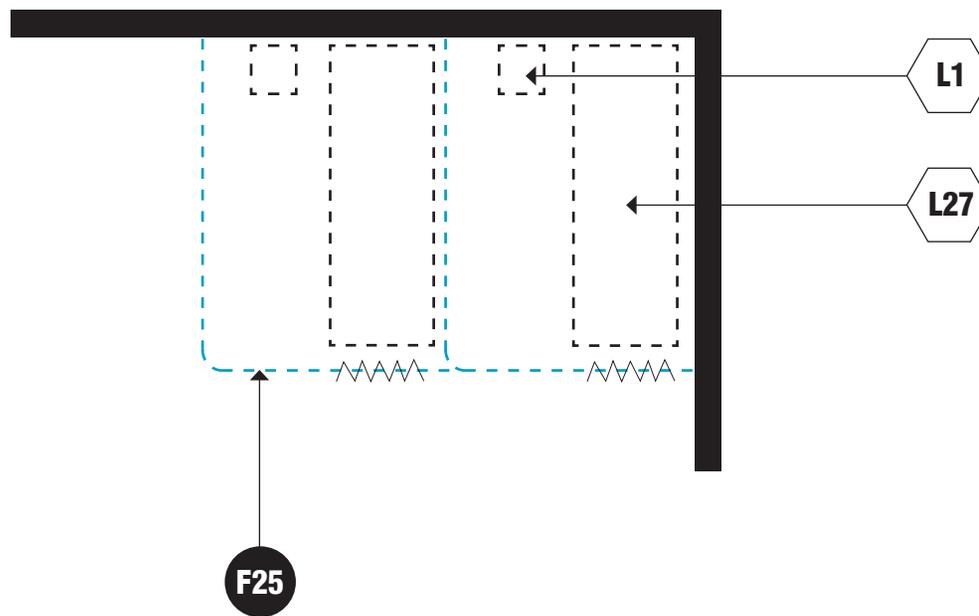
L25 nurse stool

L26 refrigerator (lockable)

L70 ice maker

■ AV & IT equipment

n/a



size

100 SF

capacity

2-4 people

ancillary spaces

located near the toilet in the health suite

spatial relationships

located within health suite

near welcome center

near lobby entrance

goals

to provide school based health services

activities

a resting place for students and staff
when feeling ill

environmental considerations

uniform lighting, areas of soft lighting
environmental sound control
stain resistant floor covering
visual and auditory privacy
adequate ventilation
visual control from office and waiting or
welcome center

LEGEND ///

● fixed furnishings

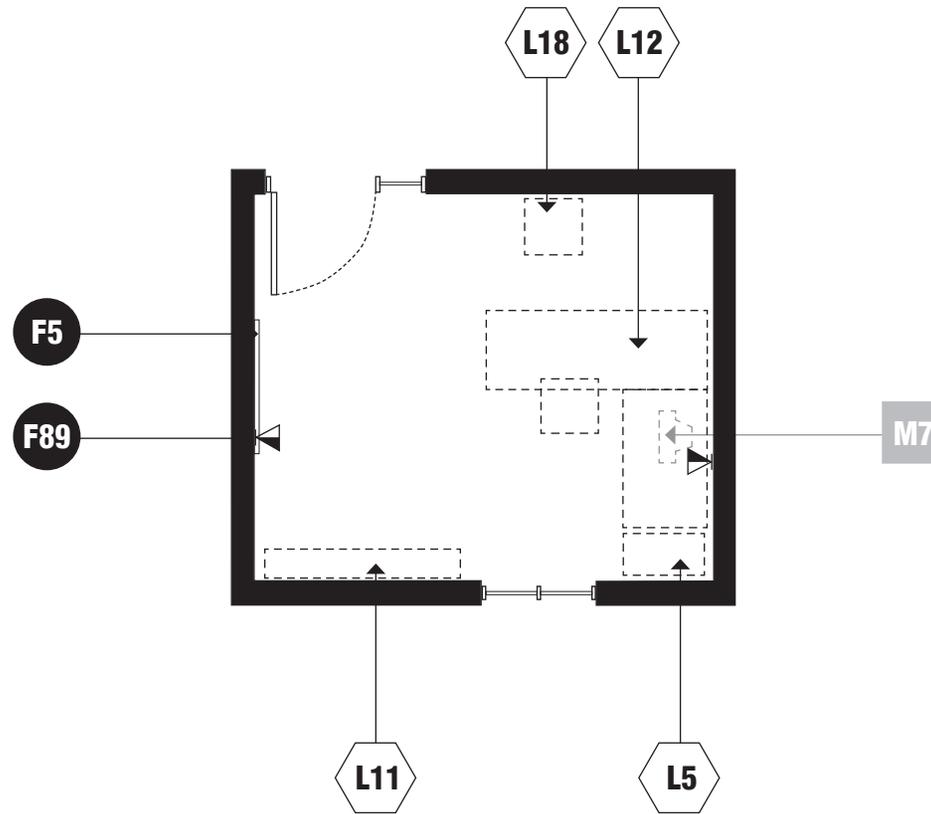
F25 treatment cubicle curtains - Ceiling
mounted curtains to provide privacy
to each cot. Must be easily removable for
cleaning; solid panel for privacy with
mesh at top for ventilation

⬡ loose furnishings

L1 stackable/nesting chairs (2)
L27 health suite cot (2)

■ AV & IT equipment

n/a



size

100 SF

capacity/users

1-3 people

ancillary spaces

treatment area (E-HS-2)

storage (E-HS-6)

spatial relationships

located within health suite

goals

to provide an office for the school nurse
to meet with parents, students, and
teachers

to provide an office for the school nurse
to perform administrative functions

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

environmental considerations

uniform lighting, areas of soft lighting

environmental sound control, per current
Building Code, DCPS/DOH

requirements

electrical outlets for equipment

windows to provide natural sunlight,
desirable

auditory privacy

visual control of cot area

visual connection to welcome center and/or
corridor, if possible

LEGEND ///**● fixed furnishings**

F5 tackable/magnetic wall surface (6 LF min)

▶ F89 data drop

◻ loose furnishings

L5 four drawer lateral file cabinet

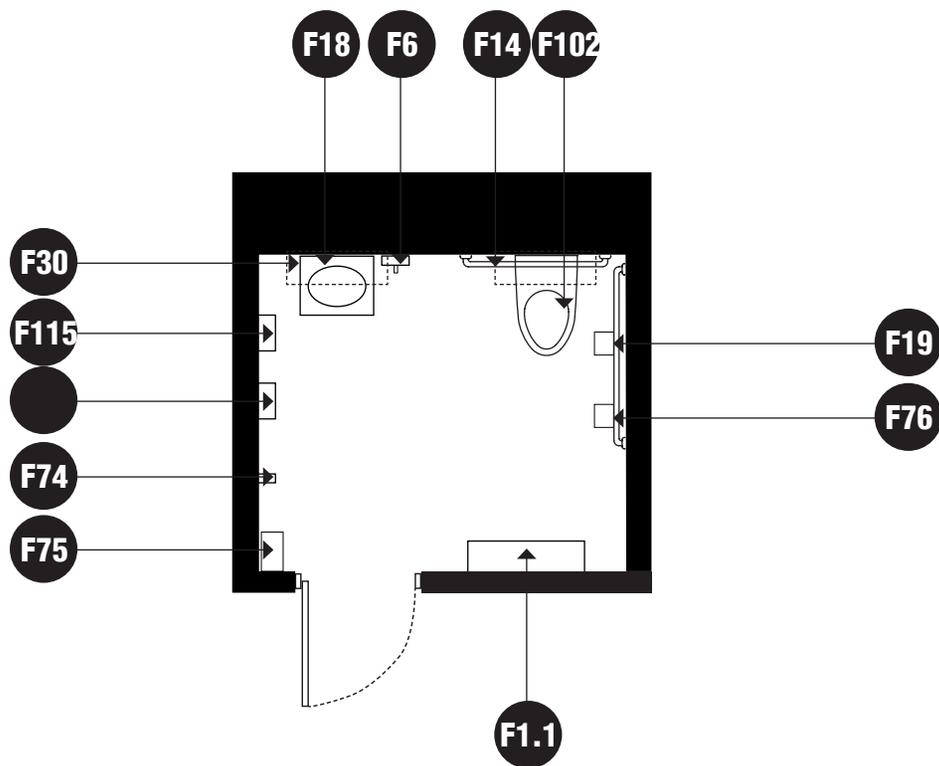
L11 adjustable height bookshelves (12 LF)

L12 admin workstation and chair

L18 lounge chair (1+)

■ AV & IT equipment

M7 desktop computer



E-HS-5 /// TOILET

size

50 SF

capacity/users

1 person

ancillary spaces

n/a

spatial relationships

located within health suite

goals

provide a private bathroom for health suite

activities

personal and health needs for the health suite
changing clothes

environmental considerations

uniform and controllable lighting
environmental sound control
adequate exhaust/ventilation
moisture- and stain- resistant finishes

LEGEND ///

● **fixed furnishings**

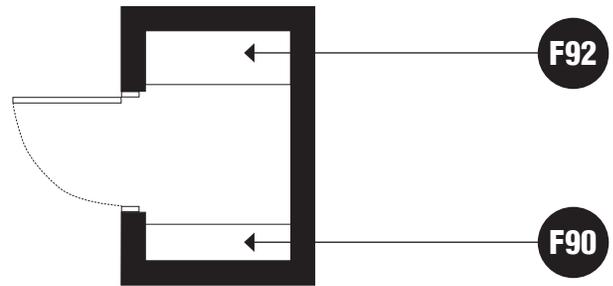
- F1.1 casework (wall cabinets)
- F6 soap dispenser
- F7 towel dispenser
- F14 36" and 42" grab bars
- F18 mirror
- F19 toilet tissue holder
- F30 bathroom sink
- F74 coat hook-bathroom accessory
- F75 sanitary napkin dispenser
- F76 sanitary napkin disposal
- F102 toilet
- F115 hand dryer

◡ **loose furnishings**

N/A

■ **AV & IT equipment**

n/a



size

25 SF

capacity/users

1 person

ancillary spaces

located near the toilet in the health suite

spatial relationships

adjacent and access to the waiting area

goals

to provide storage for medical supplies
and equipment

activities

storing chemicals, equipment, and
supplies

environmental considerations

uniform lighting
security of equipment, supplies, and
medicine
security of door

LEGEND ///



fixed furnishings

F90 storage shelving (12" deep)

F92 storage shelving (18" deep)



loose furnishings

n/a



AV & IT equipment

n/a

E-SD /// **STUDENT DINING**

STUDENT DINING AREA
MULTIPURPOSE (OPTIONAL)
STAGE (OPTIONAL)
CHAIR / TABLE STORAGE
KITCHEN AND FOOD PREPARATION
SERVING AREA
DRY FOOD STORAGE
FREEZER / COOLER
WARE WASHING
CLEANING STORAGE
FOOD SERVICE OFFICE
STAFF TOILET / SHOWER / LOCKERS

| SPACE | 325 STUDENTS | | | 400 STUDENTS | | | 500 STUDENTS | | | 700 STUDENTS | | |
|-----------------------------|--------------|-------|--------------|--------------|-------|--------------|--------------|-------|--------------|--------------|-------|--------------|
| | QTY | SF | TOTAL |
| STUDENT DINING | | | | | | | | | | | | |
| Student Dining Area | 1 | 2,030 | 2,030 | 1 | 2,500 | 2,500 | 1 | 3,125 | 3,125 | 1 | 4,375 | 4,375 |
| Multipurpose* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Stage** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Chair/Table Storage | 1 | 150 | 150 | 1 | 175 | 175 | 1 | 200 | 200 | 1 | 275 | 275 |
| Kitchen/Food Preparation*** | 1 | 650 | 650 | 1 | 650 | 650 | 1 | 650 | 650 | 1 | 650 | 650 |
| Serving Area | 1 | 275 | 275 | 1 | 275 | 275 | 1 | 300 | 300 | 1 | 400 | 400 |
| Dry Food Storage | 1 | 250 | 250 | 1 | 250 | 250 | 1 | 300 | 300 | 1 | 350 | 350 |
| Freezer and Cooler | 1 | 250 | 250 | 1 | 250 | 250 | 1 | 250 | 250 | 1 | 250 | 250 |
| Ware Washing | 1 | 100 | 100 | 1 | 100 | 100 | 1 | 150 | 150 | 1 | 200 | 200 |
| Cleaning Storage | 1 | 50 | 50 | 1 | 50 | 50 | 1 | 60 | 60 | 1 | 60 | 60 |
| Food Service Office | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 |
| Toilet/Lockers | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 |
| TOTAL | | | 4,055 | | | 4,550 | | | 5,335 | | | 6,860 |

Comments //

*This space is optional. The inclusion of this space will be determined during the site-specific Ed Spec process and approved by DCPS, based on whether or not a separate gymnasium and student dining area can be accommodated.

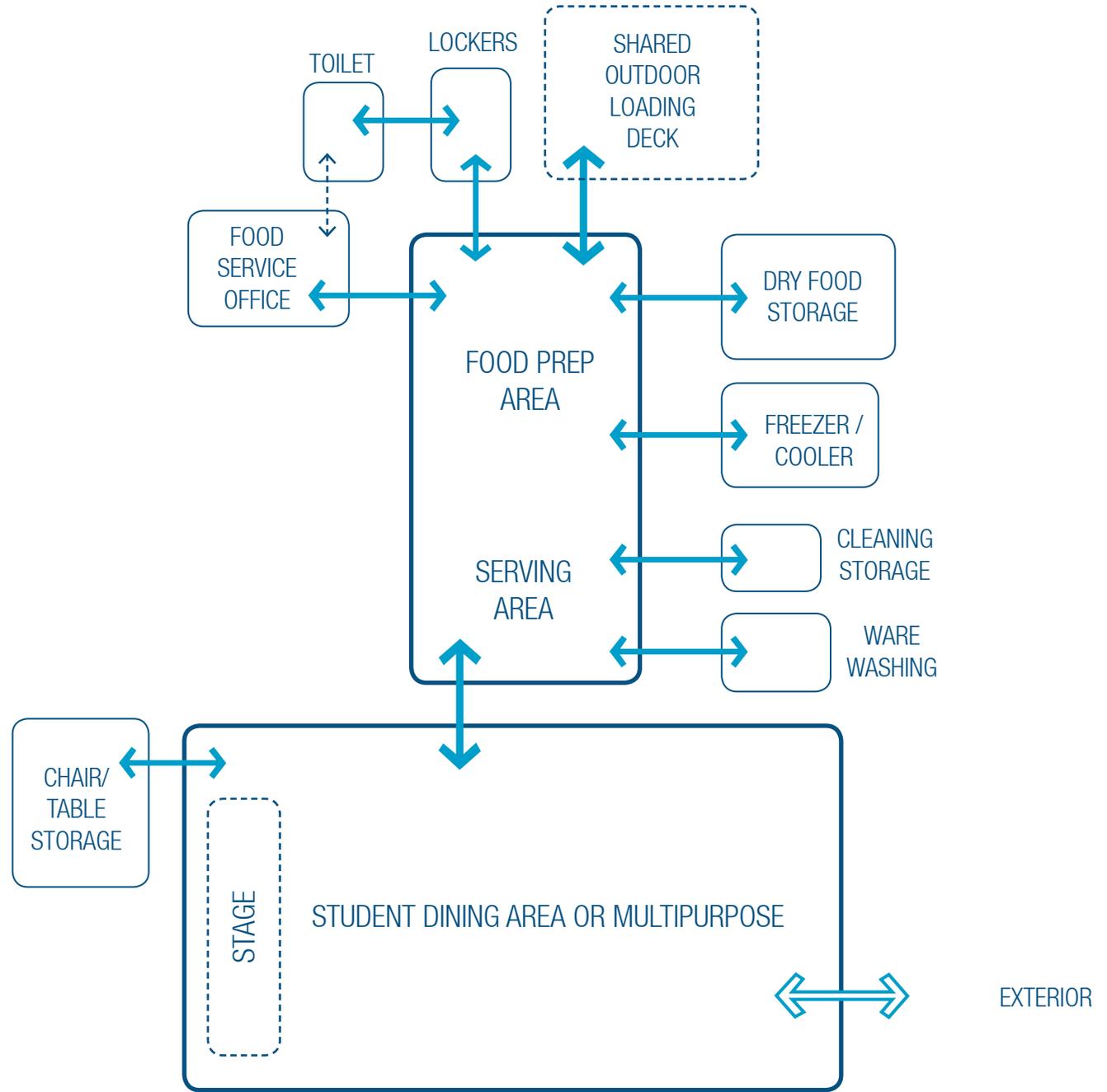
**Stage is listed as optional in this program and required in PE program. Final location of Stage to be determined

***Space program has been designed to accommodate a full-service kitchen. Space program should be confirmed by food service professional at time of site-specific Ed Spec development.

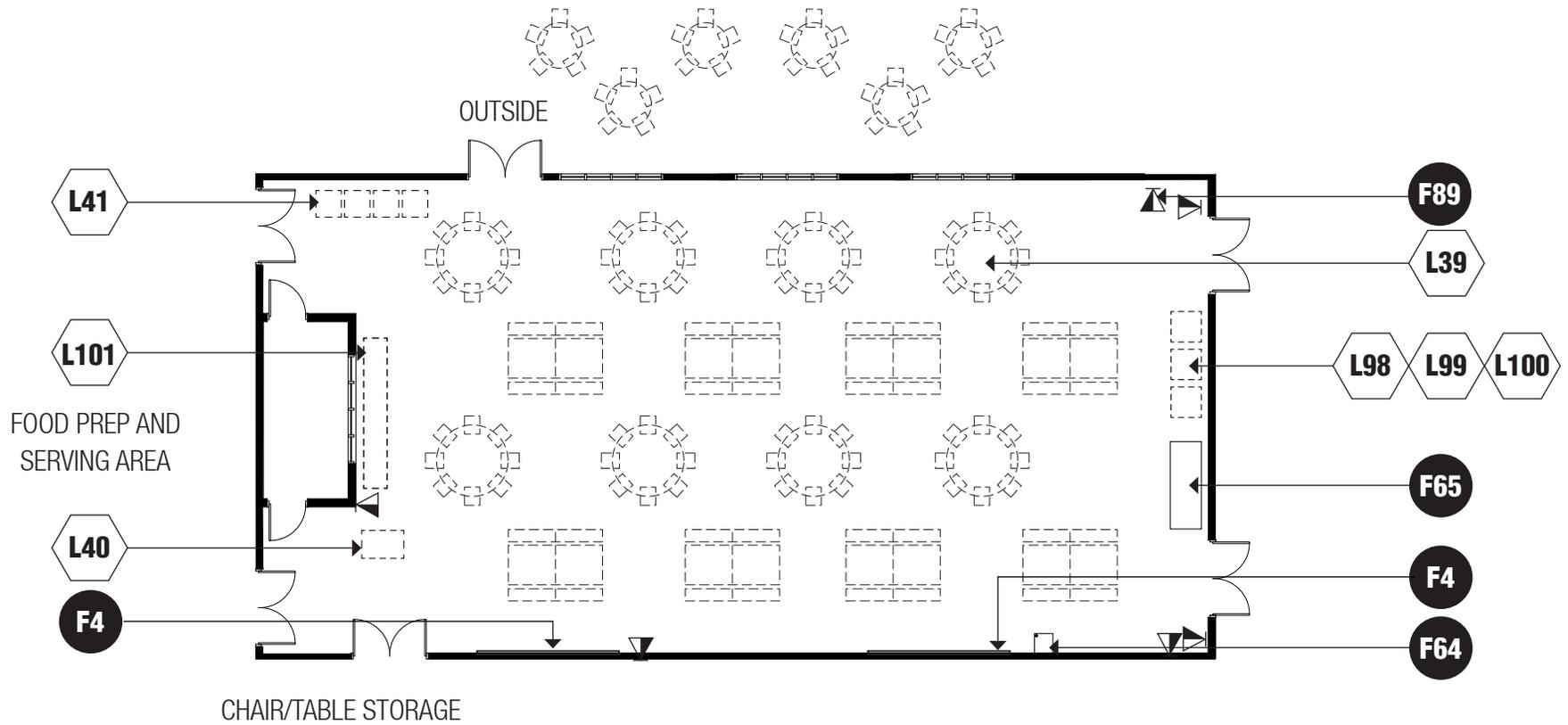
Note: In this document, staff assumptions were made to ensure staff spaces were approximately correct at each capacity model. Specific square footage requirements and quantity of spaces will be completed during the site specific ed spec process. Assumptions for the capacity model are: 325 students : 51 staff; 400 students : 57 staff; 500 students : 66 staff; 700 students: 81 staff.

KEY ///

- direct access 
- linked space 
- enclosed space 
- open space 



STUDENT DINING ADJACENCY DIAGRAM



E-SD-1 /// STUDENT DINING AREA

size

2,030-4,375 SF

capacity/users

1/3 of the projected capacity per lunch period

3-6 staff members

members of community (after hours)

ancillary spaces

stage (E-SD-3)

chair/table storage (E-SD-4)

serving area (E-SD-6)

spatial relationships

centrally located to office area, classrooms, and media center near parking and entry to building

goals

to provide a pleasant atmosphere for students to eat meals (assume population served over three lunch periods)

to provide a flexible meeting space for groups if needed

activities

student dining

school and community programs

meetings and activities

environmental considerations

uniform and controllable lighting

adequate ventilation

electrical outlets for equipment

environmental sound control

higher than normal ceiling height

electrical outlets for student use

provide sound system

provide large motorized projection screen

with ceiling mounted projector

configure larger spaces to manage sound

and for multiple users

cleanable building surfaces

good sight lines to all areas of the room

for supervision

window treatment to darken room for AV

presentation; this is required if the

stage is located in this area

outlets and data ports for salad bar and

point of sale locations; flush to ground

with cover

LEGEND ///

● fixed furnishings

F4 marker board (on two walls - 16 LF each with electric outlet below)

F64 filtered water fountain with bubbler and goose neck bottle filler

F65 recycling center (work with food service staff on location and design)

▶ F89 data drop

⬡ loose furnishings

L39 cafeteria tables (tables and seating to accommodate 1/3 of school capacity- vary seating options and heights)

L40 point of sale station

L41 chair dollies

L98 recycling bins (cafeteria)

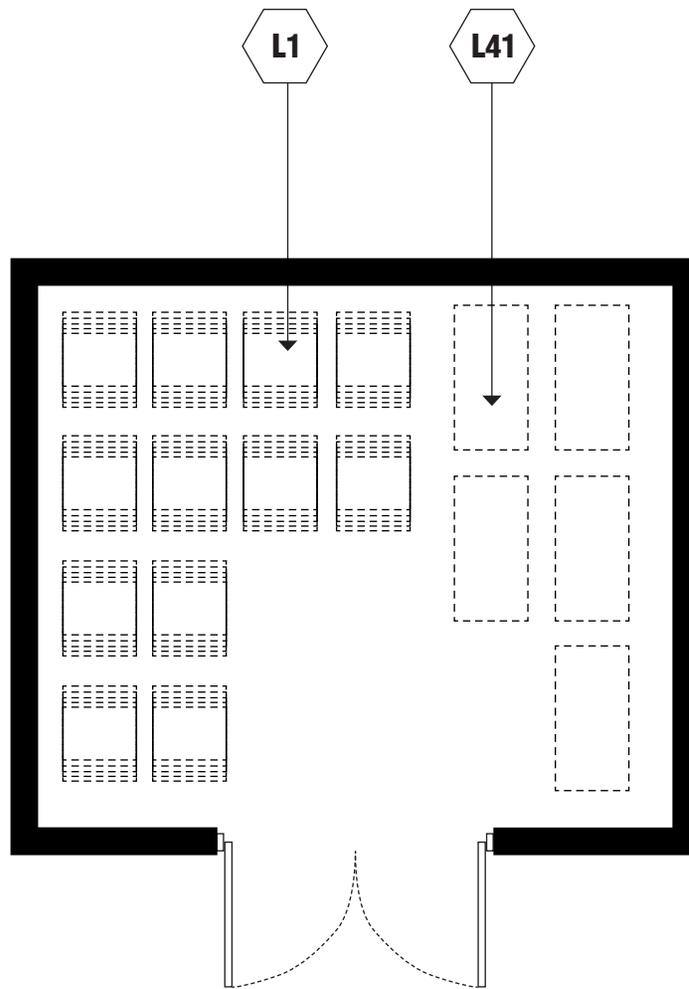
L99 composting bins (cafeteria)

L100 waste bins (cafeteria)

L101 salad bar

■ AV & IT equipment

n/a



E-SD-4 /// CHAIR / TABLE STORAGE

size

150-275 SF

capacity/users

2 people

ancillary spaces

student dining area (E-SD-1)
multipurpose (E-SD-2)(optional)

spatial relationships

may provide back of stage access

goals

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

activities

storage

environmental considerations

uniform lighting
cleanable and resilient building surfaces
accessibility for moving furniture in and
out

LEGEND ///

● **fixed furnishings**

n/a

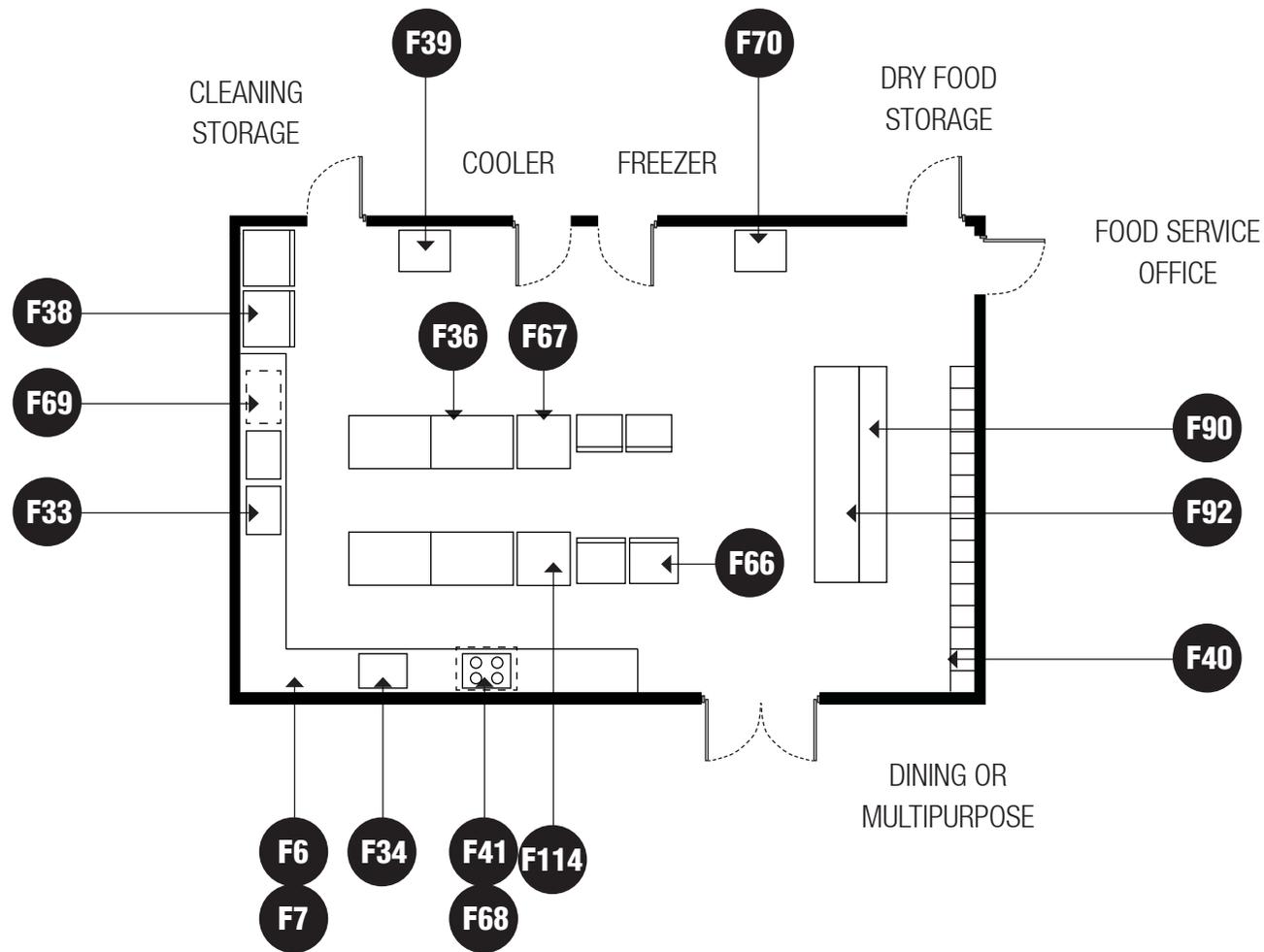
◡ **loose furnishings**

L1 stackable/nesting chair (stacked)

L41 chair dollies

■ **AV & IT equipment**

n/a



E-SD-5 /// KITCHEN / FOOD PREPARATION

size

650 SF

capacity/users

15-25 people

ancillary spaces

student dining area (E-SD-1)
multipurpose (E-SD-2)(optional)

spatial relationships

near loading dock to permit truck access
to docking and storage areas (site
specific)
adjacent and access to student dining
area/multipurpose
near dumpsters
cafeteria serving arrangement

goals

to prepare student meals

activities

preparation of student meals

environmental considerations

uniform lighting
durable seamless flooring
proper ventilation of space to remove
cooking odors
cleanable building surfaces
electrical/plumbing/mechanical
connection for food service equipment
appropriate drainage

LEGEND ///

● **fixed furnishings**

- F6 soap dispenser
- F7 towel dispenser
- F33 pot washing sinks
- F34 food preparation sink
- F36 work tables
- F38 refrigeration/reach-ins
- F39 mop sink
- F40 chemical storage
- F41 exhaust hood system
- F66 oven
- F67 convection steamer
- F68 range
- F69 ware washing machine
- F70 mop rack
- F90 storage shelving 12" deep
- F92 storage shelving 18" deep
- F114 warming cabinet

*confirm required furnishings with DCPS
Food Services and Department of Health

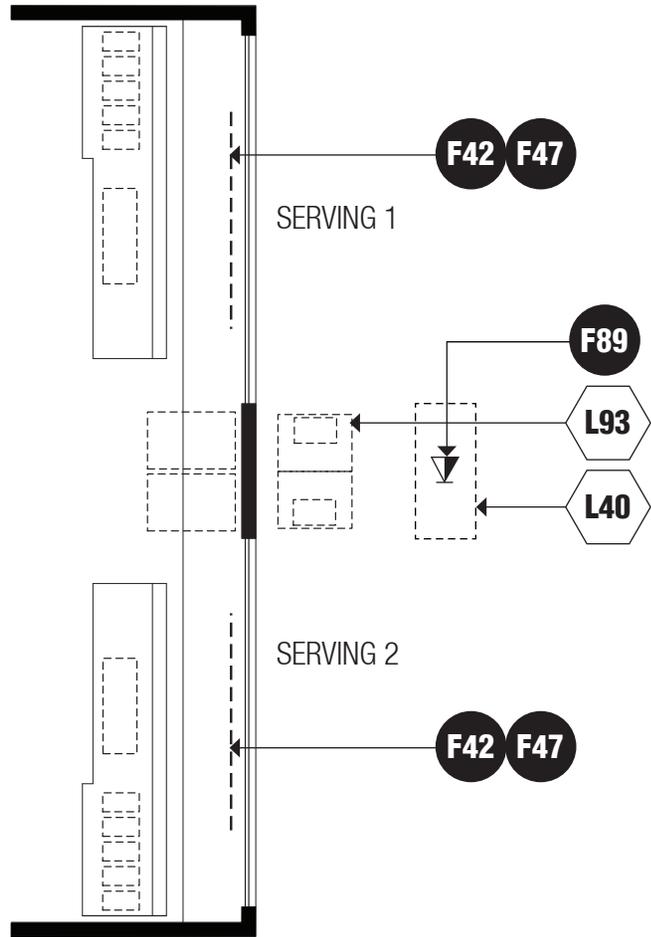
◡ **loose furnishings**

n/a

*confirm required furnishings with DCPS
Food Services and Department of Health

■ **AV & IT equipment**

n/a



E-SD-6 /// **SERVING AREA**

size

275-400 SF

capacity/users

6-8 people

ancillary spaces

student dining area (E-SD-1)
multipurpose (E-SD-2)(optional)
kitchen/food preparation (E-SD-5)

spatial relationships

beginning of serving line should be
near entry door of students dining
area/multipurpose

goals

to provide serving station for those
seeking meals or snacks

activities

serving food

environmental considerations

uniform and controllable lighting
cleanable building surfaces
electrical connections for food service
equipment
adequate ventilation

LEGEND ///

● fixed furnishings

F42 drop-in individual controlled heated
electric food wells and full service sneeze
guard (student height) with over shelf
F47 drop-in self contained refrigerator cold
pan for side items (counter and sneeze
guards are lower than normal for better
viewing and service to elementary
students)

▶ F89 data drop

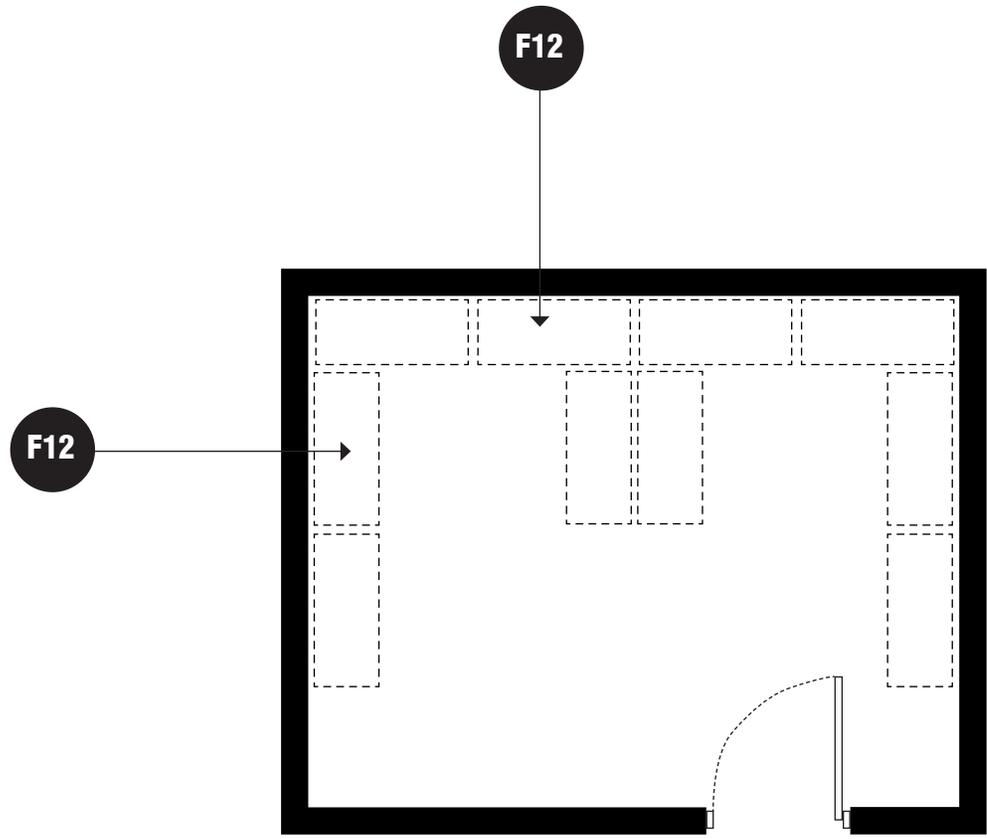
*confirm required furnishings with DCPS
Food Services and Department of Health

⬡ loose furnishings

L40 point of sale station
L93 milk coolers
*confirm required furnishings with DCPS
Food Services and Department of Health

■ AV & IT equipment

n/a



E-SD-7 /// DRY FOOD STORAGE

size

250-350 SF

capacity/users

2 people

ancillary spaces

n/a

spatial relationships

near supply storage/receiving
adjacent and access to food prep area

goals

to provide an area for food storage

activities

storage

environmental considerations

uniform lighting
cleanable building surfaces
adequate ventilation

LEGEND ///

● **fixed furnishings**

F12 rust resistant shelving and dunnage
racks (24" deep)

*confirm required furnishings with DCPS
Food Services and Department of Health

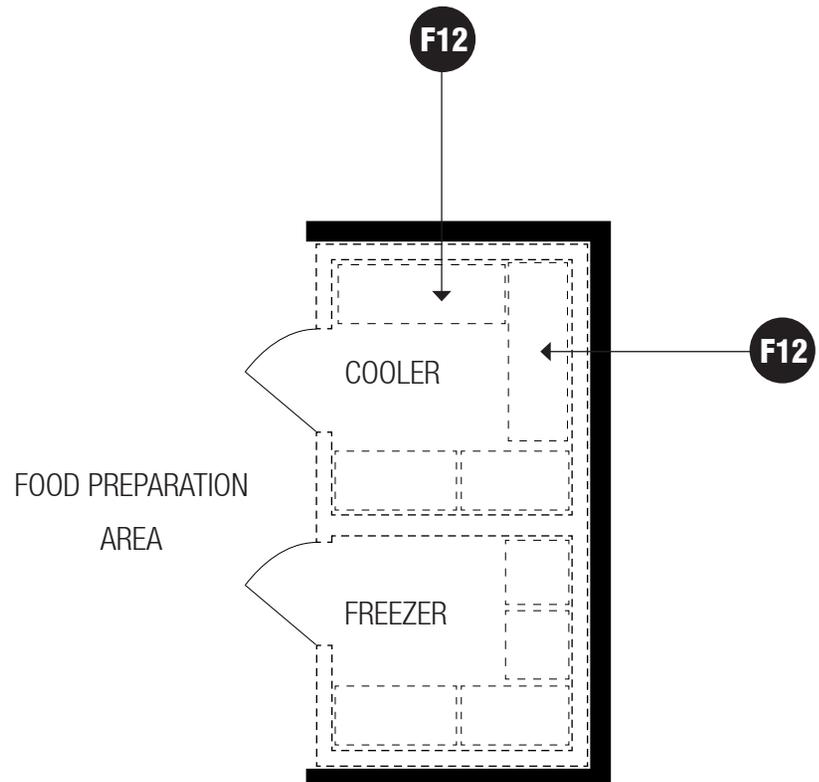
⬡ **loose furnishings**

n/a

*confirm required furnishings with DCPS
Food Services and Department of Health

■ **AV & IT equipment**

n/a



size

250 SF

*confirm required SF with DCPS Food

Services

capacity/users

2 people

ancillary spaces

n/a

spatial relationships

adjacent and access to food preparation area

near the supply storage/receiving

goals

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

activities

cold food storage

environmental considerations

uniform lighting

ventilation for refrigeration machinery equipment

cleanable building surfaces

floor to be flush with adjacent kitchen floor

electrical service for refrigeration equipment

● LEGEND ///

fixed furnishings

F12 rust resistant shelving and

dunnage racks (24" deep)

*confirm required furnishings with DCPS

Food Services and Department of Health



loose furnishings

n/a

*confirm required furnishings with DCPS

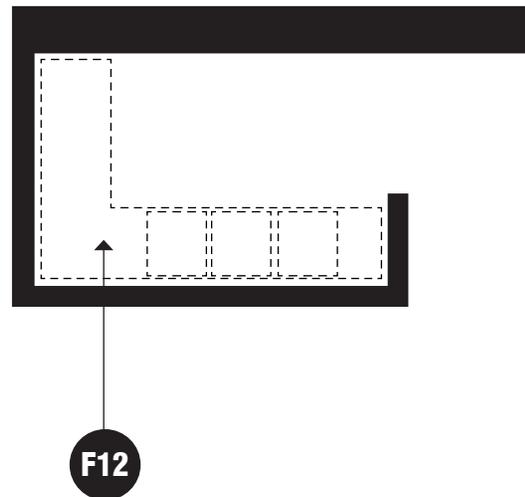
Food Services and Department of Health



AV & IT equipment

n/a

STUDENT DINING OR
MULTIPURPOSE



NOTE //

This is an example of a ware washing area. Food service equipment will vary from school to school; confirm requirements with DCPS Office of Food and Nutrition Services.

E-SD-9 /// WARE WASHING

size

100-200 SF

capacity/users

1 person

ancillary spaces

kitchen/food preparation (E-SD-5)

spatial relationships

adjacent and access to food preparation area

near the supply storage/receiving

goals

to clean food service equipment

activities

space and equipment to scrape, wash, dry, and store food service equipment

environmental considerations

uniform lighting

ventilation to remove steam and condensation

cleanable building surfaces

floor to be flush with adjacent kitchen floor

electrical service for refrigeration equipment

LEGEND ///

● **fixed furnishings**

F12 rust resistant shelving and dunnage racks (24" deep)

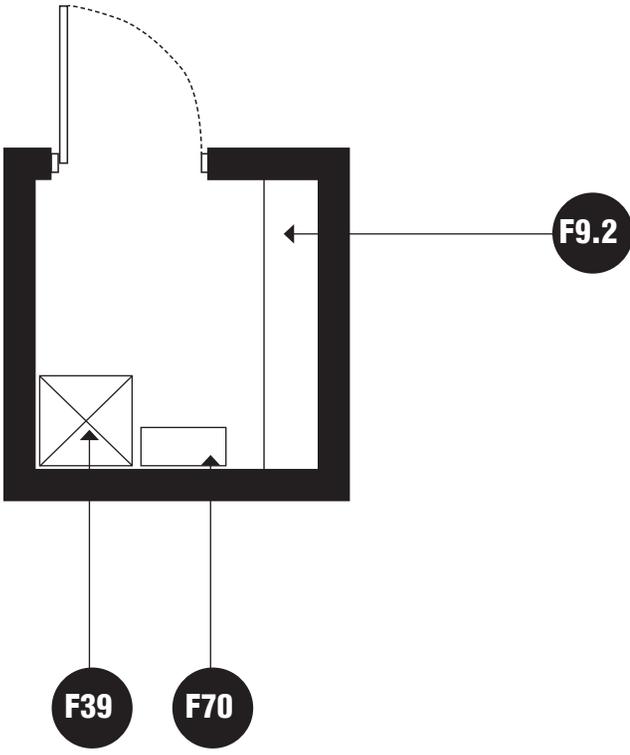
⬡ **loose furnishings**

n/a

*confirm required furnishings with DCPS Food Services and Department of Health

■ **AV & IT equipment**

n/a



E-SD-10 /// **CLEANING STORAGE**

size

50-60 SF

capacity/users

1 person

ancillary spaces

kitchen/food preparation (E-SD-5)

spatial relationships

near the supply storage/receiving

goals

to store chemicals used in cleaning and
maintaining kitchen

activities

storing chemicals and equipment

environmental considerations

uniform lighting
cleanable building surfaces
sensors for spilled chemicals
adequate exhaust/ventilation

LEGEND ///

● **fixed furnishings**

F9.2 rust resistant shelving

F39 mop sink

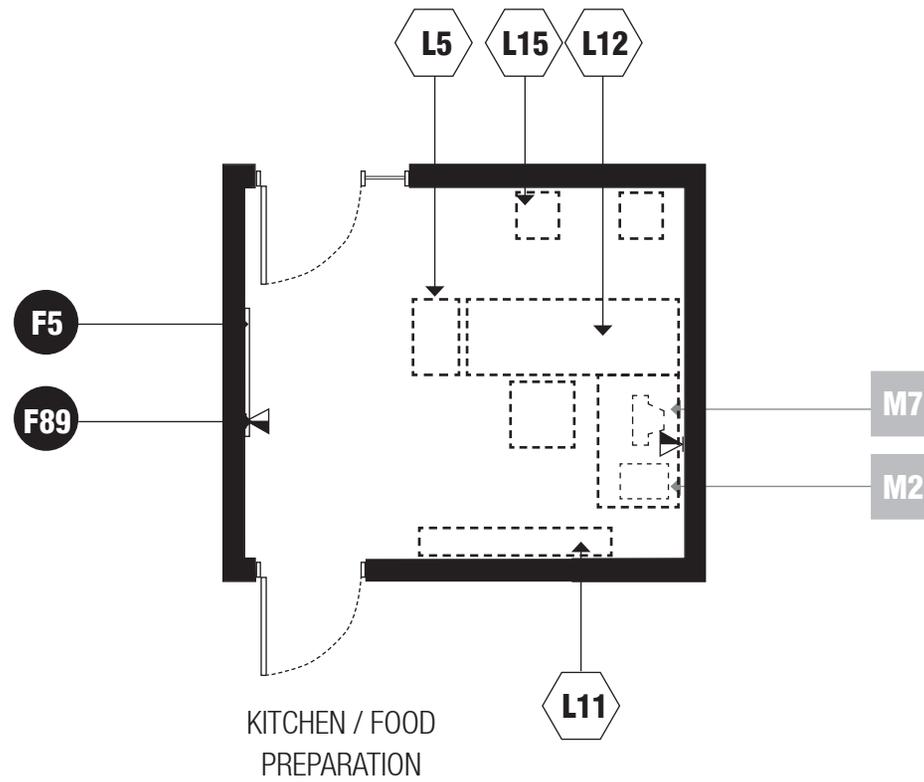
F70 mop rack

◻ **loose furnishings**

N/A

■ **AV & IT equipment**

n/a



E-SD-11 /// **FOOD SERVICE OFFICE**

size

150 SF

capacity/users

2-3 people

ancillary spaces

kitchen/food preparation (E-SD-5)

spatial relationships

adjacent and access to kitchen

goals

to provide an area to keep records and
conduct business

activities

scheduling
staff evaluations/discipline/meetings

environmental considerations

uniform lighting
environmental sound control
electrical outlets for equipment
view of the kitchen

LEGEND ///

● **fixed furnishings**

F5 tackable/magnetic wall surface

▶ F89 data drop

⬡ **loose furnishings**

L5 four drawer lateral file cabinet (lockable)

L11 adjustable height bookshelves

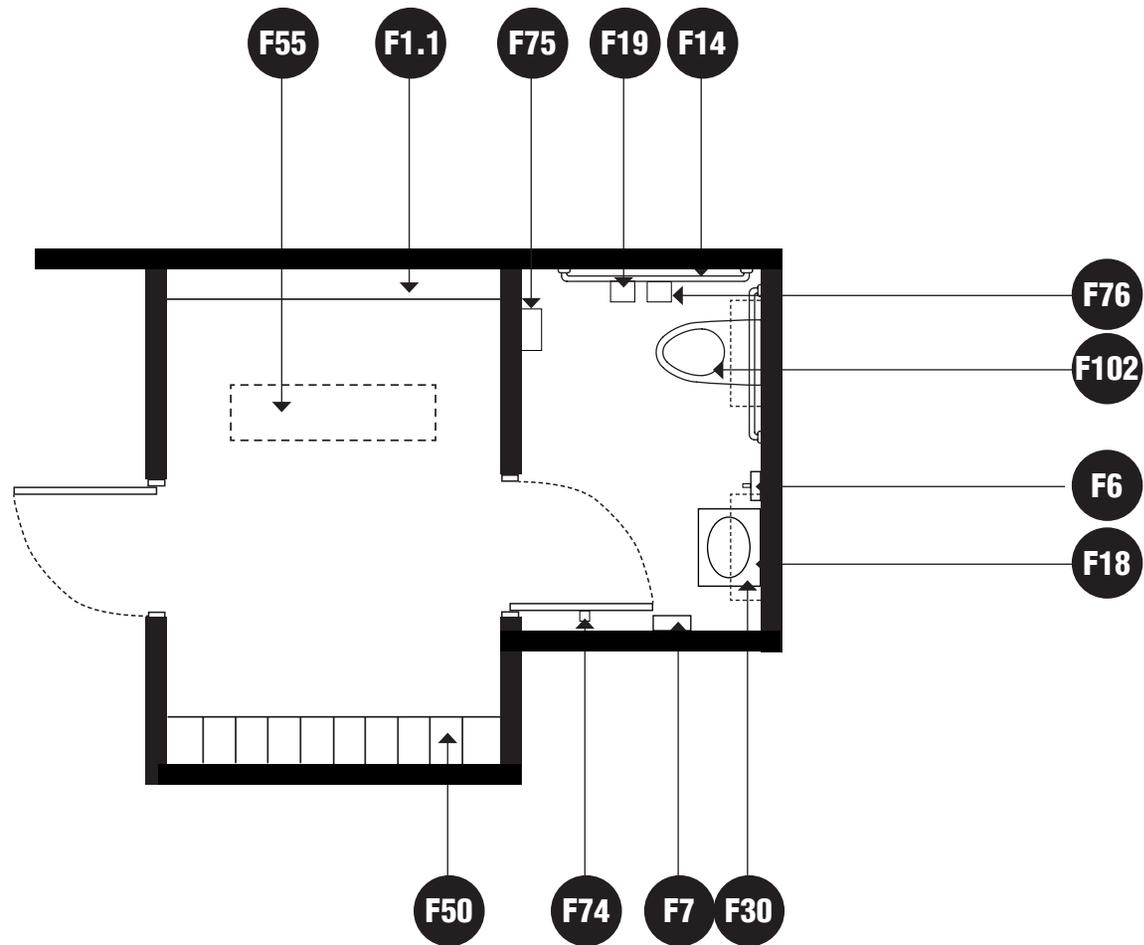
L12 admin workstation and chair

L15 task chair (2)

■ **AV & IT equipment**

M2 color printer

M7 desktop printer



E-SD-12 /// TOILET / LOCKERS

size

150 SF

capacity/users

3-4 people

ancillary spaces

n/a

spatial relationships

located near kitchen/food preparation and food service office

goals

to provide adequate space to kitchen staff and their health needs

activities

personal and health needs for the kitchen staff
changing clothing

environmental considerations

uniform lighting
environmental sound control
moisture- and stain-resistant finishes
adequate exhaust/ventilation

LEGEND ///

● **fixed furnishings**

F1.1 casework (wall cabinets)

F6 soap dispenser

F7 towel dispenser

F14 36" and 42" grab bars

F18 mirror

F19 toilet tissue holder

F30 bathroom sink

F50 lockers

F55 locker bench

F74 coat hook-bathroom accessory

F75 sanitary napkin dispenser

F76 sanitary napkin disposal

F102 toilet

F115 hand dryer

*confirm required furnishings with DCPS Food Services and Department of Health

◡ **loose furnishings**

n/a

*confirm required furnishings with DCPS Food Services and Department of Health

■ **AV & IT equipment**

n/a

E-BS /// **BUILDING SUPPORT**

SUPPLY STORAGE

TOILET / SHOWER / LOCKER ROOM

CUSTODIAL / DGS OFFICE

LARGE GROUP RESTROOMS

CUSTODIAL CLOSET

ELECTRICAL CLOSET

TELECOMMUNICATIONS ROOM

CORRIDORS

MECHANICAL / ELECTRICAL SPACE / DECKS

CUSTODIAL EQUIPMENT STORAGE

CENTRAL STORAGE AREA

RECEIVING AREA

STAFF RESTROOM

FAMILY RESTROOM

TECHNOLOGY STORAGE

LAUNDRY ROOM

| SPACE | 325 STUDENTS | | | 400 STUDENTS | | | 500 STUDENTS | | | 700 STUDENTS | | |
|---------------------------------------|--------------|-----|--------------|--------------|-----|--------------|--------------|-----|--------------|--------------|-----|--------------|
| | QTY | SF | TOTAL |
| BUILDING SUPPORT | | | | | | | | | | | | |
| Supply Storage | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 |
| Toilet/Shower/Locker Room | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 |
| Custodial/DGS Office | 2 | 150 | 300 | 2 | 150 | 300 | 2 | 150 | 300 | 2 | 150 | 300 |
| Large Group Restrooms* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Custodial Closet | 7 | 25 | 175 | 7 | 25 | 175 | 9 | 25 | 225 | 11 | 25 | 275 |
| Electrical Closet* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Telecommunications Room* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Corridors* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Mechanical/Electrical Space/Decks* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Custodial Equipment Storage | 1 | 300 | 300 | 1 | 300 | 300 | 1 | 300 | 300 | 1 | 300 | 300 |
| Central Storage Area | 1 | 325 | 325 | 1 | 400 | 400 | 1 | 500 | 500 | 1 | 700 | 700 |
| Receiving Area | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 | 1 | 150 | 150 |
| Staff Restroom* | -- | 65 | -- | -- | 65 | -- | -- | 65 | -- | -- | 65 | -- |
| Family Restroom* | -- | 65 | -- | -- | 65 | -- | -- | 65 | -- | -- | 65 | -- |
| Technology Storage* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Laundry Room | 1 | 80 | 80 | 1 | 80 | 80 | 1 | 80 | 80 | 1 | 80 | 80 |
| TOTAL | | | 1,630 | | | 1,705 | | | 1,855 | | | 2,105 |

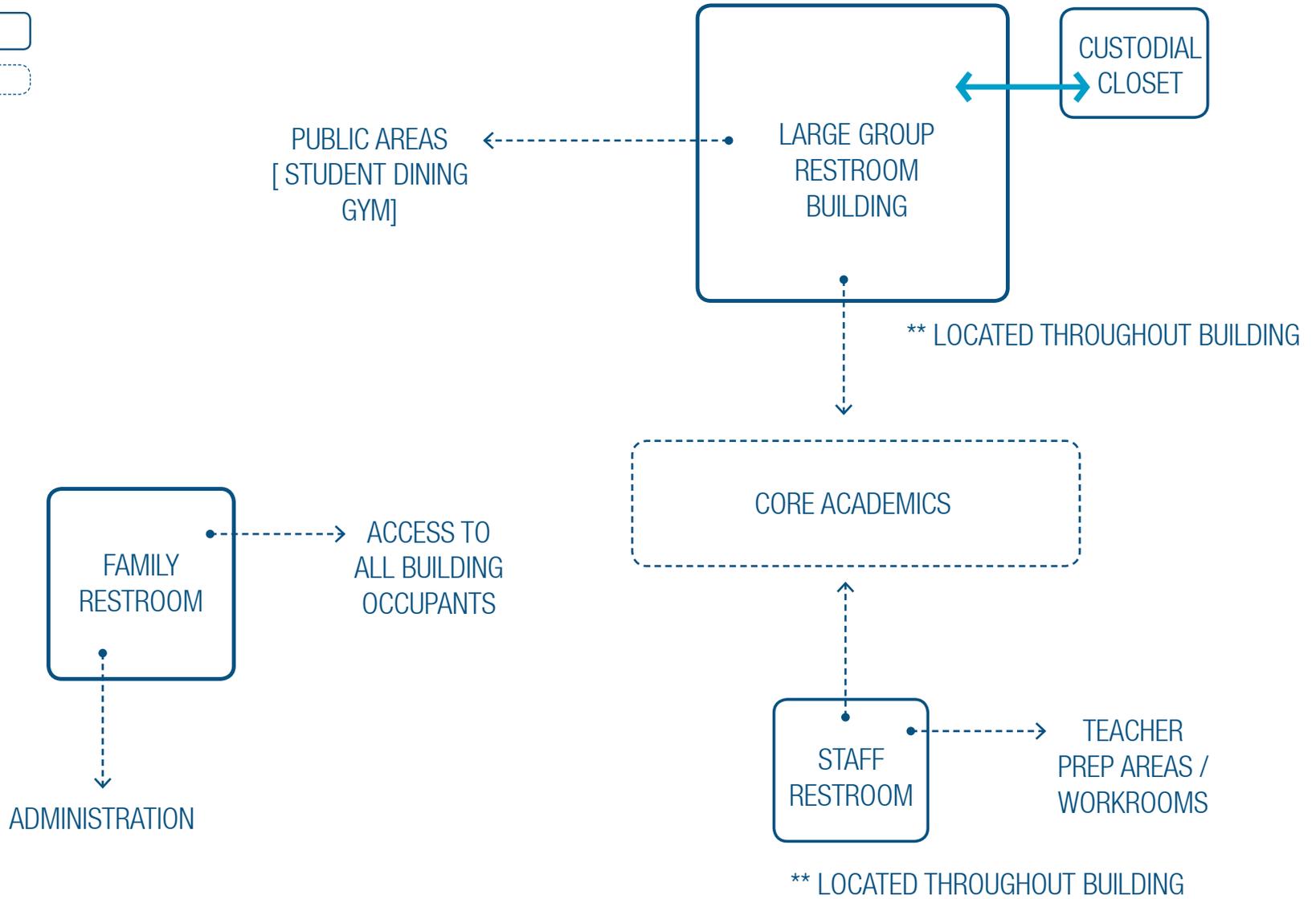
Comments //

*The size and quantity of these spaces to be determined during site specific Ed Spec and design, included as part of Gross Up in prototype.

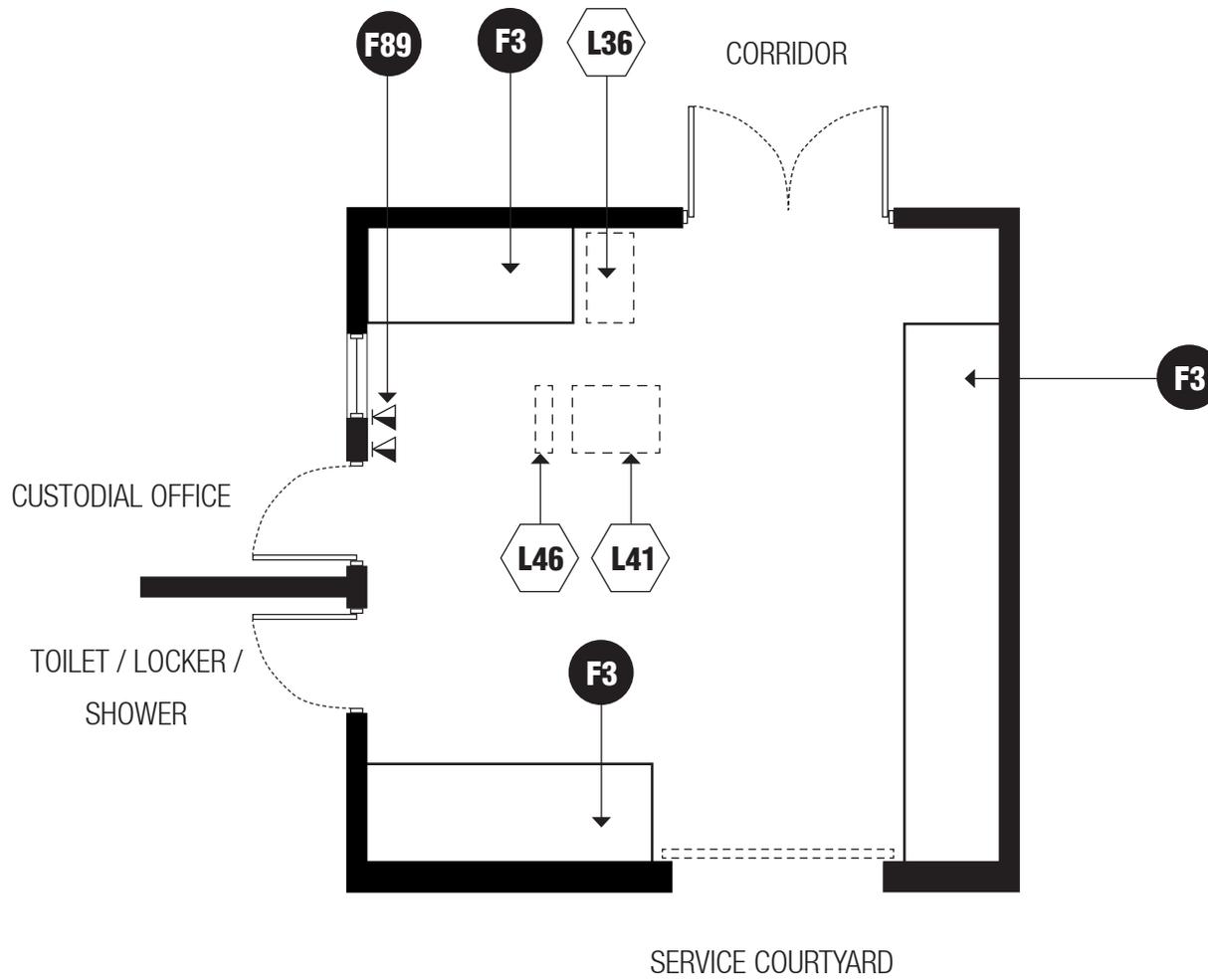
Note: In this document, staff assumptions were made to ensure staff spaces were approximately correct at each capacity model. Specific square footage requirements and quantity of spaces will be completed during the site specific ed spec process. Assumptions for the capacity model are: 325 students : 51 staff; 400 students : 57 staff; 500 students : 66 staff; 700 students: 81 staff.

KEY ///

- direct access 
- linked space 
- enclosed space 
- open space 



BUILDING SUPPORT ADJACENCY DIAGRAM



E-BS-1 /// **SUPPLY STORAGE**

size

150 SF

capacity/users

2-4 people

ancillary spaces

n/a

spatial relationships

adjacent and access to loading dock area
and service courtyard

access to corridor

adjacent and access to custodial office

adjacent and access to toilet/shower/
locker room

goals

to store supplies and receive supplies

activities

storage

environmental considerations

supplement heating source

double door with removable mullions

overhead door to service courtyard

LEGEND ///

● **fixed furnishings**

F3 wall shelving (84" high x 36" deep)

▶ F89 data drop

⬡ **loose furnishings**

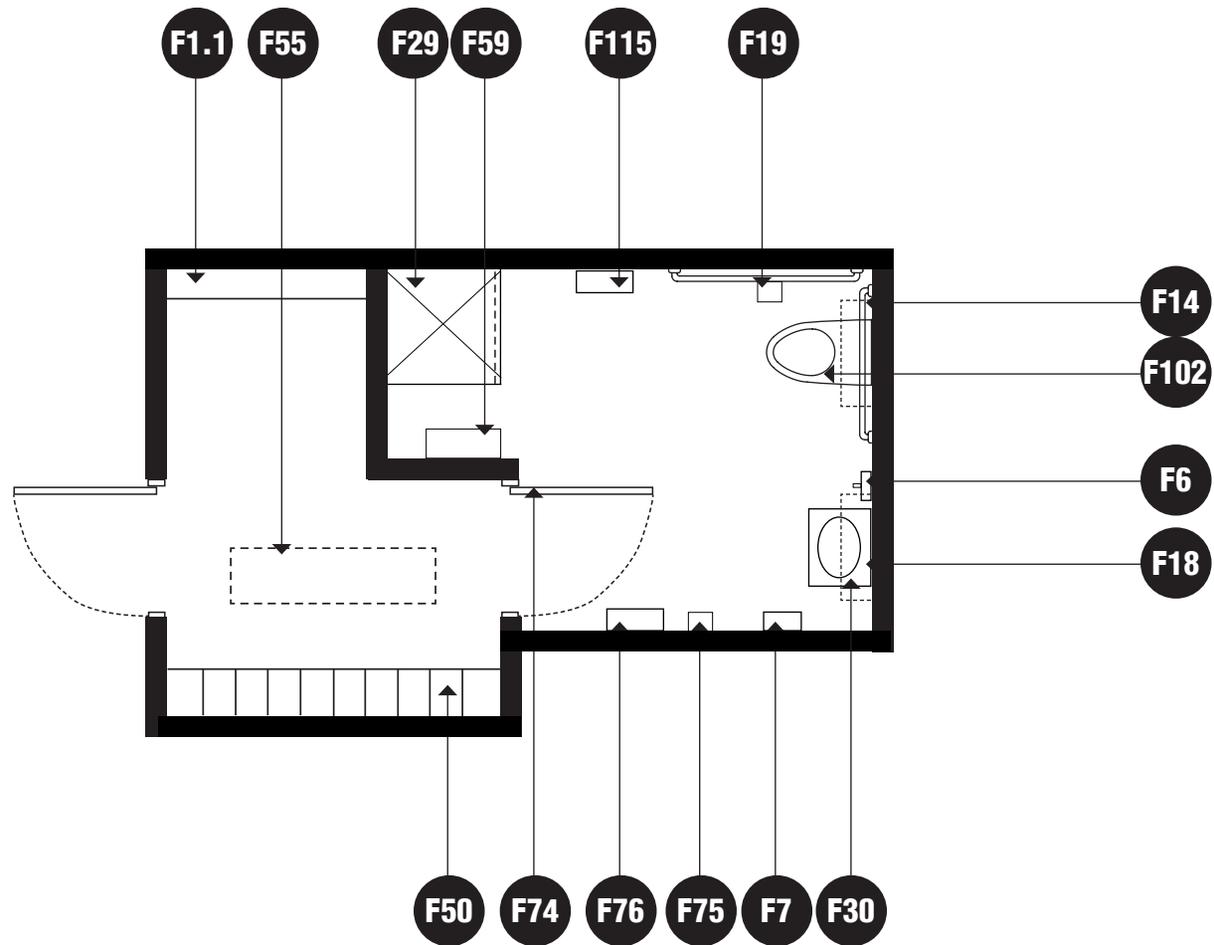
L36 flammables storage

L41 chair dollies

L46 step ladder

■ **AV & IT equipment**

n/a



E-BS-2 /// TOILET / SHOWER / LOCKER ROOM

size

150 SF

capacity/users

1-2 people

ancillary spaces

n/a

spatial relationships

located near custodial area

goals

to provide adequate space to custodial staff and their health needs

activities

personal and health needs for the custodial staff
changing clothing

environmental considerations

uniform lighting
environmental sound control
moisture- and stain-resistant finishes
adequate exhaust/ventilation

LEGEND ///

● **fixed furnishings**

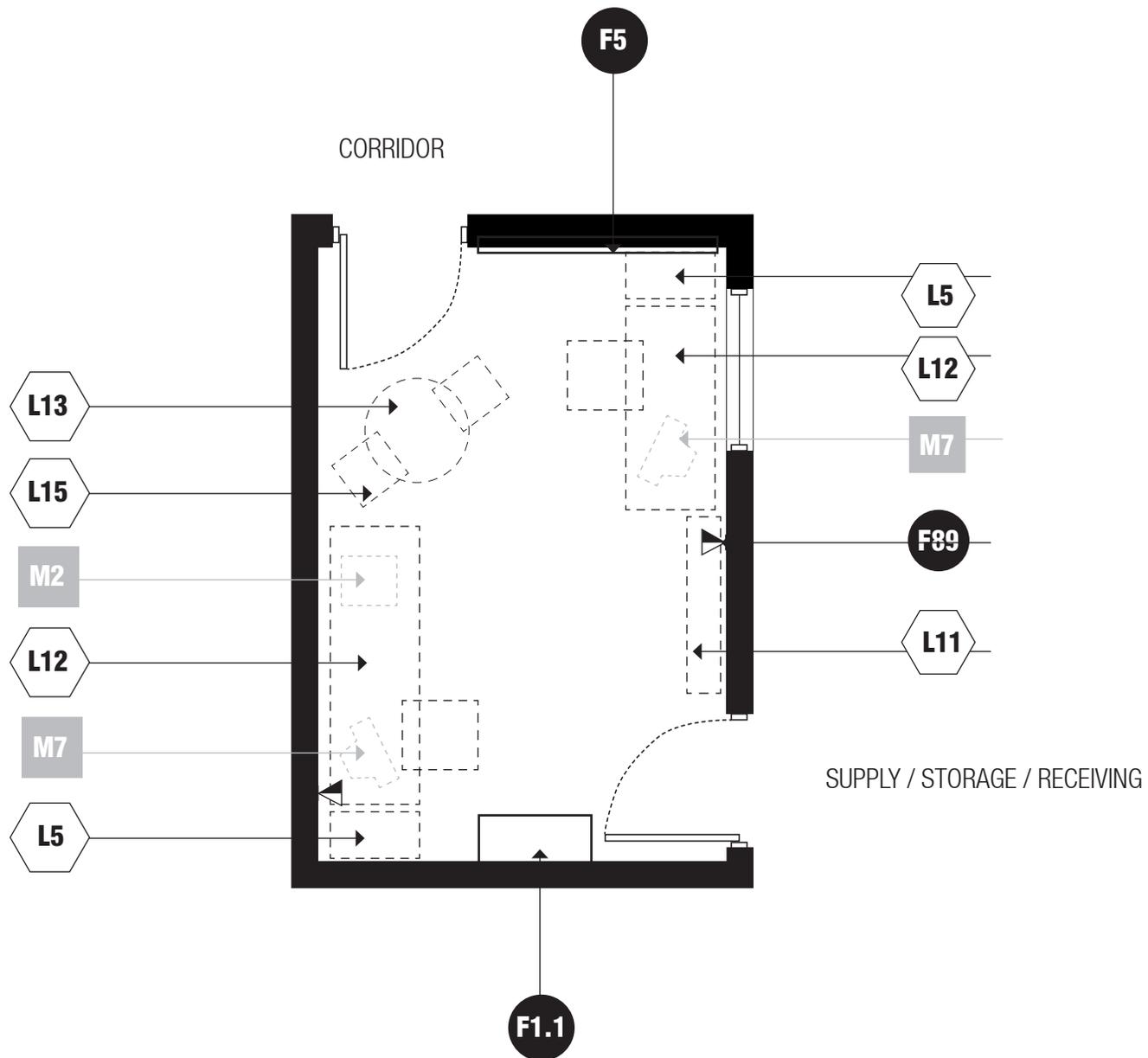
- F1.1 casework (wall cabinets)
- F6 soap dispenser
- F7 towel dispenser
- F14 36" and 42" grab bars
- F18 mirror
- F19 toilet tissue holder
- F29 ADA shower accessories
- F30 bathroom sink
- F50 lockers
- F55 locker bench
- F59 changing table
- F74 coat hook-bathroom accessory
- F75 sanitary napkin dispenser
- F76 sanitary napkin disposal
- F102 toilet
- F115 hand dryer

◡ **loose furnishings**

n/a

■ **AV & IT equipment**

n/a



E-BS-3 /// CUSTODIAL / DGS OFFICE

size

150 SF

capacity/users

2-3 people

ancillary spaces

n/a

spatial relationships

adjacent and access to supply storage/
receiving

access to corridor

near custodial toilet

goals

to provide an area to keep records and
conduct business

activities

conferences with staff and other visitors

telephone calls

environmental considerations

uniform lighting

environmental sound control

electrical outlets for equipment

view of the kitchen

LEGEND ///

● fixed furnishings

F1.1 casework (8LF)

F5 tackable/magnetic wall surface (6 LF min.)

▶ F89 data drop

⬡ loose furnishings

L5 four drawer lateral file cabinet (2)

L11 adjustable height bookshelves (12 LF)

L12 admin workstation and chair (2)

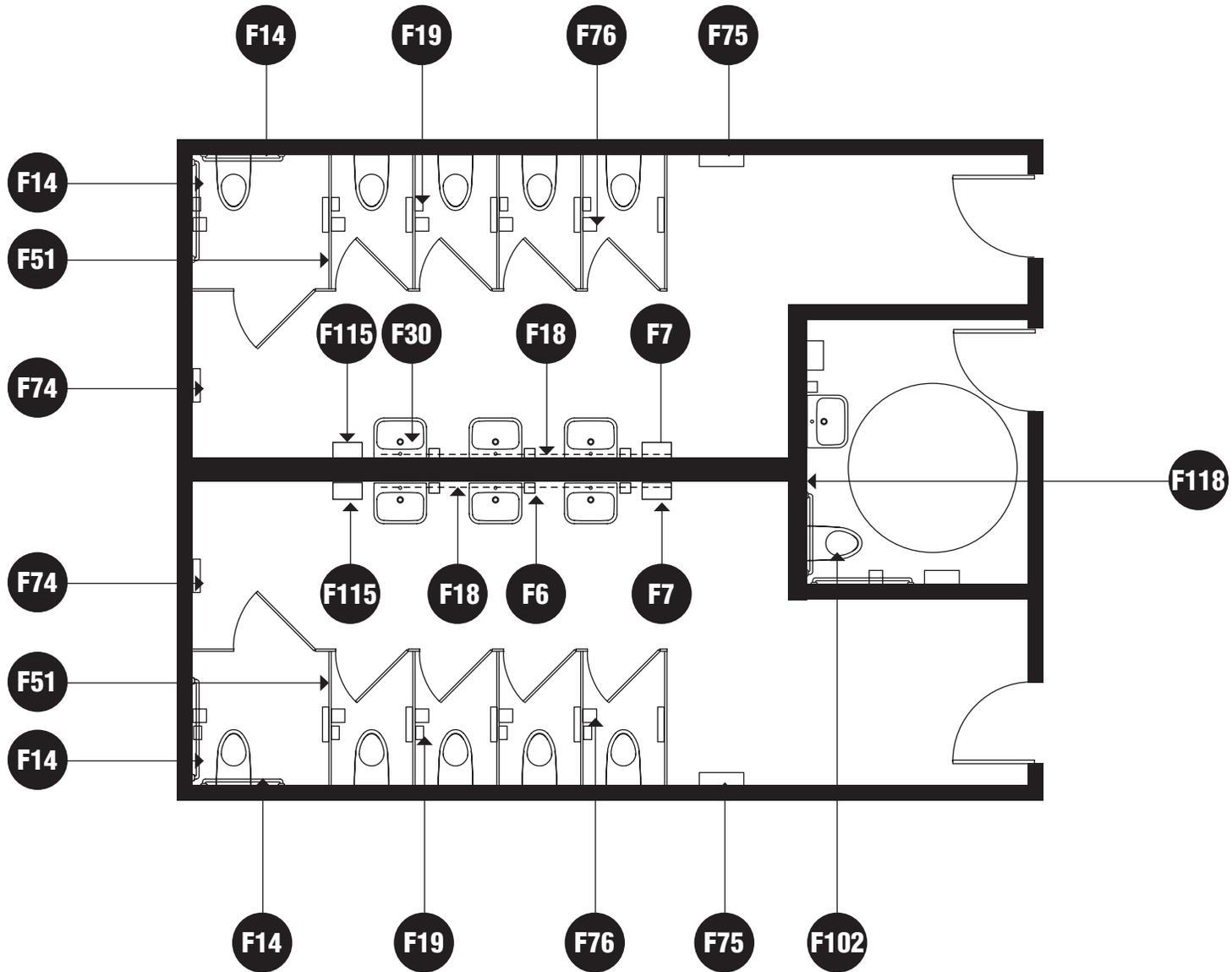
L13 small table

L15 task chair (2)

■ AV & IT equipment

M2 color printer

M7 desktop computer



E-BS-4 /// LARGE GROUP RESTROOM

capacity/users

students

ancillary spaces

n/a

spatial relationships

near student dining area
near public use areas, such as media center and gymnasium
near academic core areas throughout the building

goals

provide a restroom to students

activities

personal and health needs for the students

environmental considerations

uniform lighting
environmental sound control
moisture- and stain-resistant finishes
adequate exhaust/ventilation

LEGEND ///

● **fixed furnishings**

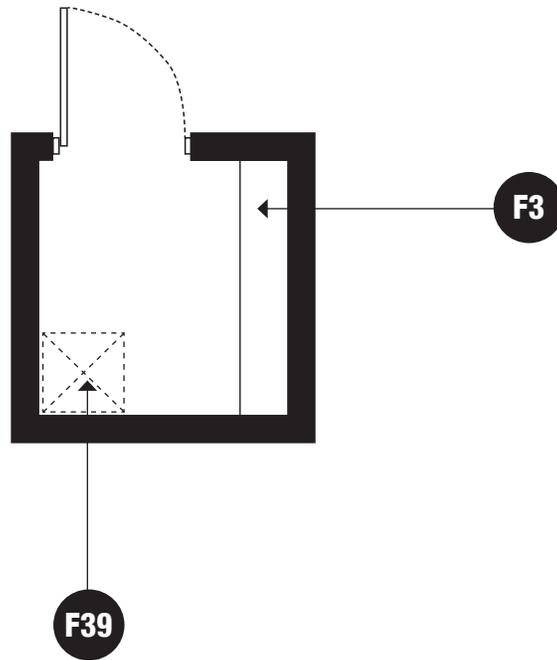
- F6 soap dispenser
- F7 towel dispenser
- F14 36" and 42" grab bars
- F18 mirror
- F19 toilet tissue holder
- F30 bathroom sink
- F51 toilet partitions
- F74 coat hook - bathroom accessory
- F75 sanitary napkin dispenser (in every stall)
- F102 toilet
- F115 hand dryer

◡ **loose furnishings**

n/a

■ **AV & IT equipment**

n/a



E-BS-5 /// **CUSTODIAL CLOSET**

size

25 SF

capacity/users

1 person

ancillary spaces

n/a

spatial relationships

near large group restrooms

goals

to provide storage for custodial supplies

activities

storage for custodial supplies throughout the building

environmental considerations

uniform lighting
environmental sound control
electrical outlets for equipment
adequate drainage

LEGEND ///

● **fixed furnishings**

F3 wall shelving

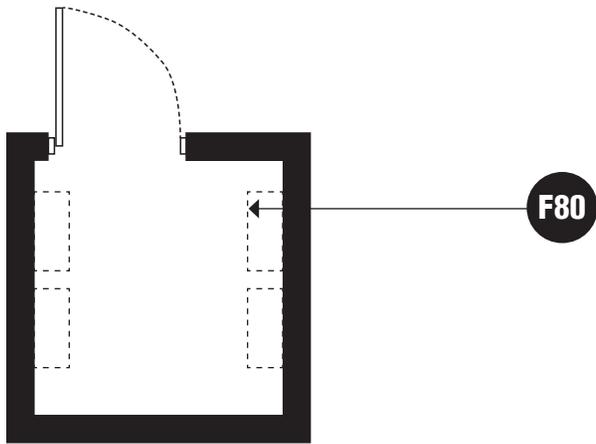
F39 mop sink with hose

◡ **loose furnishings**

n/a

■ **AV & IT equipment**

n/a



E-BS-6 /// ELECTRICAL CLOSET

capacity/users

1 person

ancillary spaces

N/A

spatial relationships

dispersed throughout the academic core areas

goals

provide a safe space for electrical wiring and panels

activities

Space for electrical wiring and panels

environmental considerations

uniform lighting
environmental sound control
electrical outlets for equipment

LEGEND ///

● **fixed furnishings**

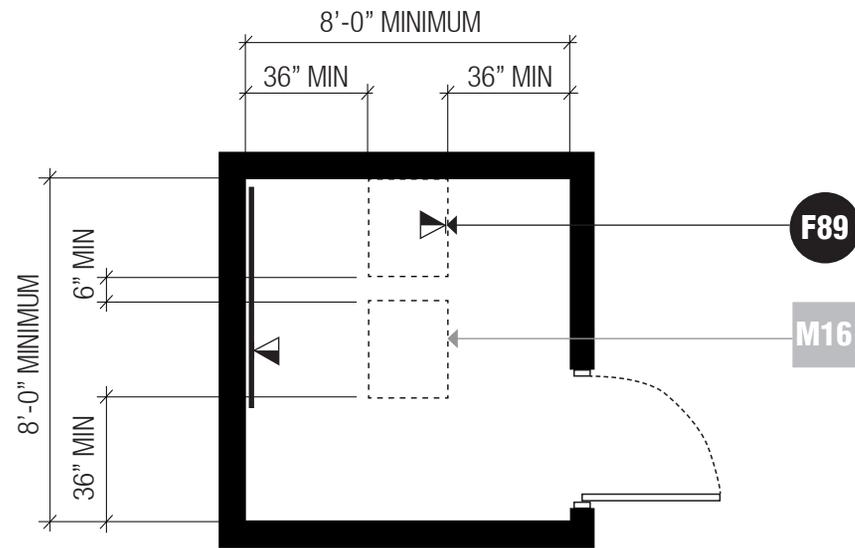
F80 electrical panel

⬡ **loose furnishings**

n/a

■ **AV & IT equipment**

n/a



E-BS-7 /// TELECOMMUNICATIONS ROOM

capacity/users

1 person

ancillary spaces

n/a

spatial relationships

n/a

goals

space for technology needs*

*Reference latest OCTO standards to determine SF

activities

storage

environmental considerations

uniform lighting

environmental sound control

electrical outlets for equipment

LEGEND ///

● **fixed furnishings**

▶ F89 data drop

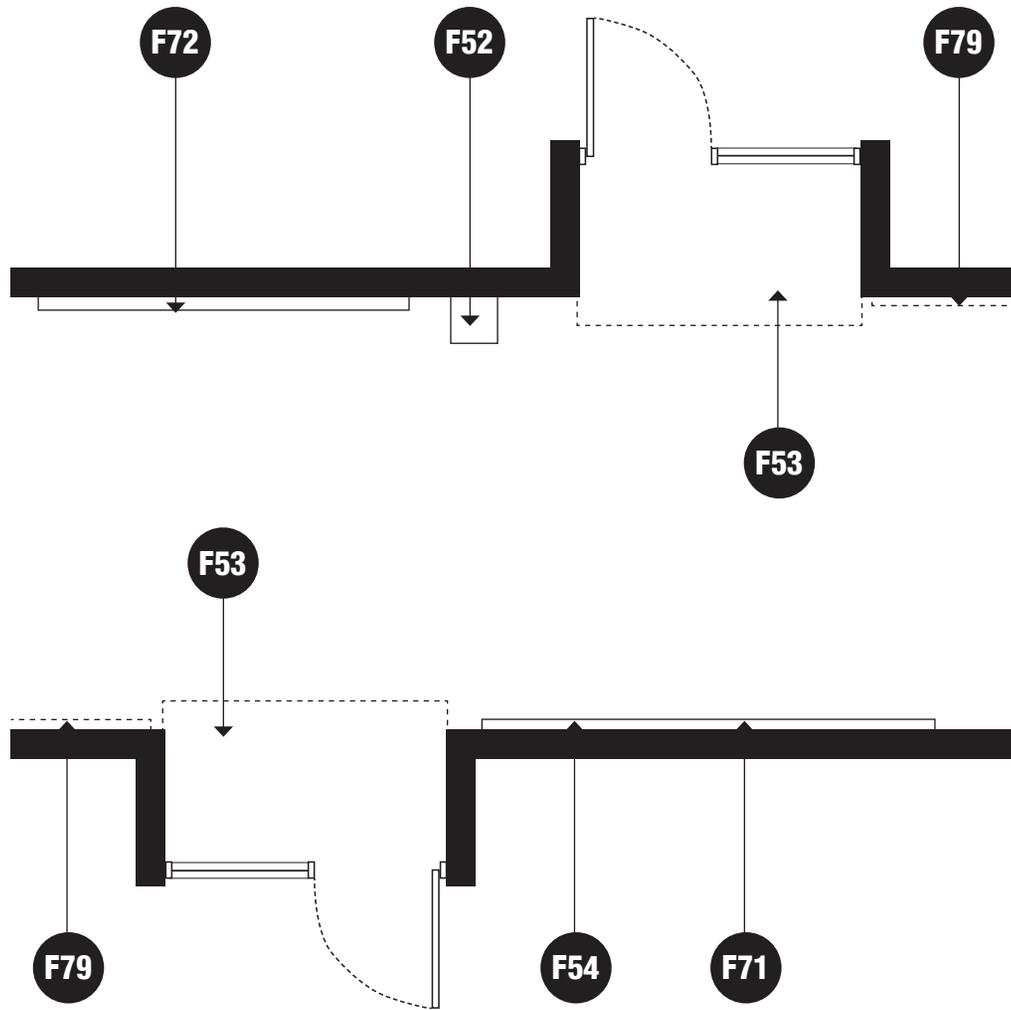
⬡ **loose furnishings**

n/a

■ **AV & IT equipment**

M16 telecommunications rack (6" organizers
between all racks)

*reference OCTO standards



E-BS-8 /// CORRIDORS

environmental considerations

- corridors shall be a minimum of 8 feet wide; some areas of natural light is desirable; the designer should minimize long corridors lined with classroom doors
- extended learning areas are in addition to the minimum above and must not intrude into the egress pathway. Seating areas in extended learning areas must meet fire code.
- lobbies are in addition to the circulation requirement.
- instructional and activity areas shall be accessible by corridors without passing through another instructional or activity area.
- the corridors are to meet the egress requirements of applicable codes.
- stairs, ramps, and elevators are included under the corridor category.
- it is recommended that stairs in multi-story buildings not be enclosed unless required by code. However, such a design should not allow students to lean over railings or put arms/legs through posts.

activities

circulation space

LEGEND ///

● **fixed furnishings**

F52 fire extinguisher

F53 recessed floor mats

F54 digital boards

F71 tack board

F72 3D displays

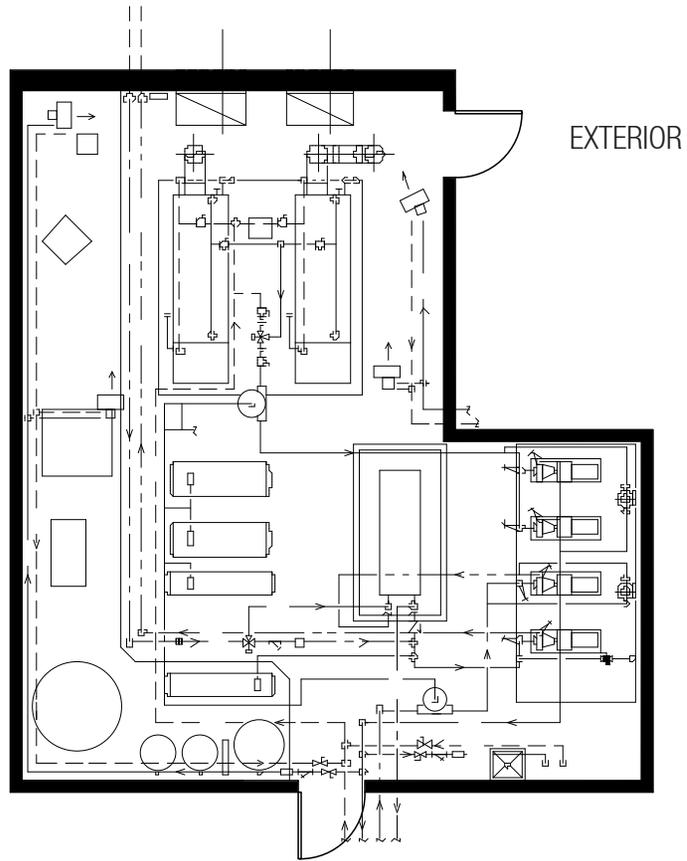
F79 tackable surface (boards or tack strips)

◻ **loose furnishings**

n/a

■ **AV & IT equipment**

n/a



EXTERIOR

E-BS-9 /// MECHANICAL / ELECTRICAL SPACE / DECKS

capacity/users

based on the size of the program

ancillary spaces

n/a

spatial relationships

accessible for maintenance and repair

access to outside

isolate from main area of building

near loading/receiving area

near custodial area

goals

storage for mechanical and electrical

equipment

activities

space for mechanical and electrical

equipment

environmental considerations

uniform lighting

environmental sound control

electrical outlets for equipment

LEGEND ///

● **fixed furnishings**

n/a

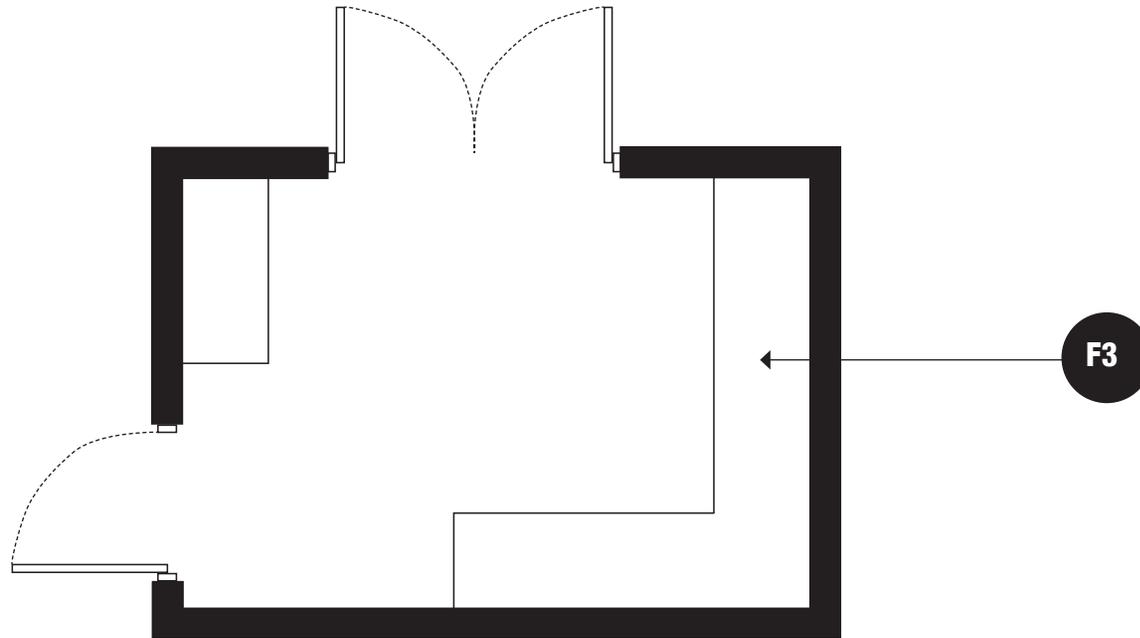
◡ **loose furnishings**

n/a

■ **AV & IT equipment**

n/a

EXTERIOR



E-BS-10 /// CUSTODIAL EQUIPMENT STORAGE

size

300 SF

capacity/users

3-4 people

ancillary spaces

n/a

spatial relationships

- accessible for maintenance and repair
- access to outside
- isolate from main area of building
- near loading/receiving area
- near custodial area

goals

- storage for custodial equipment and supplies

activities

- near custodial workroom
- near custodial office
- direct access to outdoors

environmental considerations

- uniform lighting
- environmental sound control
- electrical outlets for equipment

LEGEND ///

● **fixed furnishings**

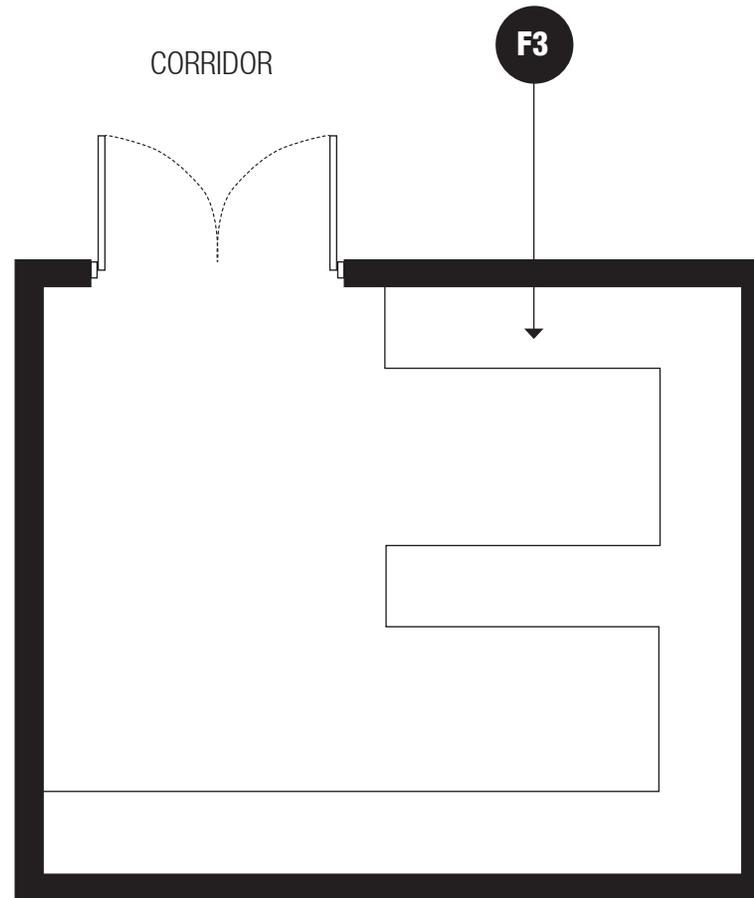
F3 wall shelving (10'-16', depth may vary)
(all walls)

⬡ **loose furnishings**

N/A

■ **AV & IT equipment**

n/a



E-BS-11 /// **CENTRAL STORAGE AREA**

size

325-700 SF

capacity/users

3-4 people

ancillary spaces

n/a

spatial relationships

near loading/receiving area

direct access to building circulation

goals

storage of supplies

activities

storage for paper products, utensils, supplies, etc., to be used throughout the entire building

environmental considerations

uniform lighting

environmental sound control

electrical outlets for equipment

LEGEND ///

● **fixed furnishings**

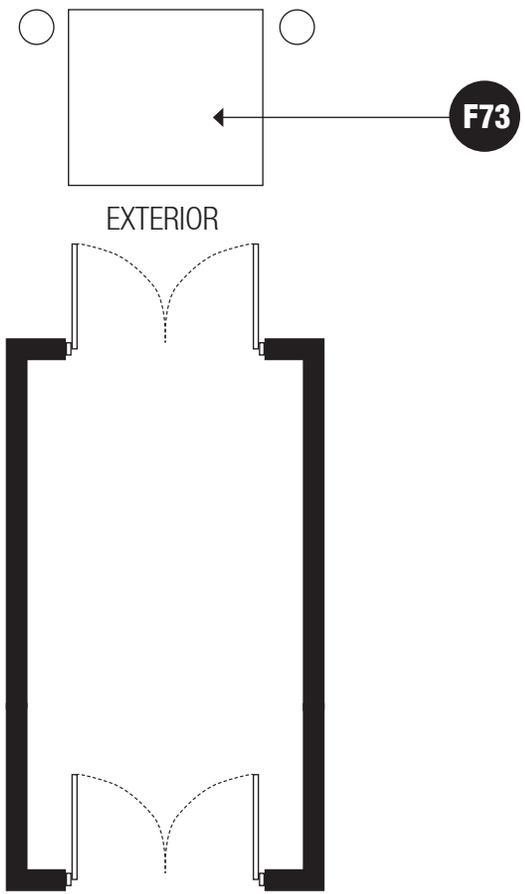
F3 wall shelving (26'-32', depth may vary)

◡ **loose furnishings**

n/a

■ **AV & IT equipment**

n/a



E-BS-12 /// RECEIVING AREA

size

150 SF

capacity/users

1-2 people

ancillary spaces

N/A

spatial relationships

near food service spaces
near central storage area
near mechanical room
adjacent to loading dock

goals

area to load and receive supplies and
food

activities

delivery of materials and goods to be
used throughout the building

environmental Considerations

uniform lighting
appropriate drainage
hose bib

LEGEND ///

● **fixed furnishings**

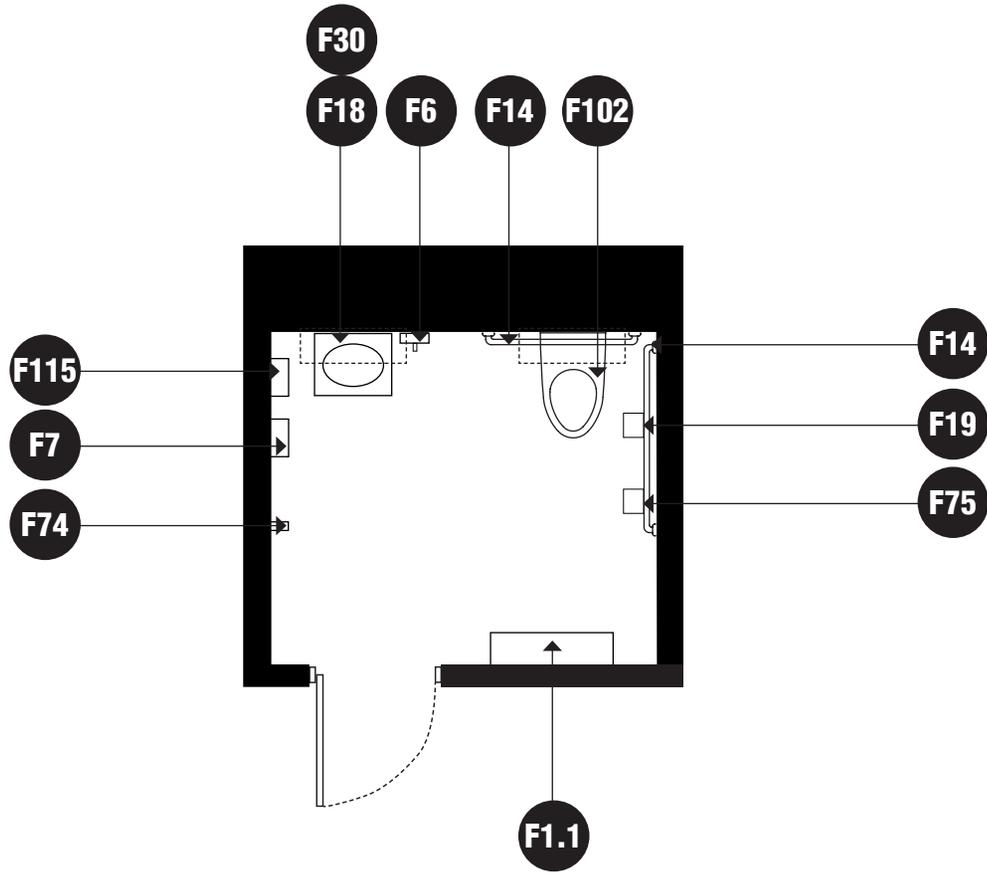
F73 loading dock levelers and dock bumpers

⬡ **loose furnishings**

n/a

■ **AV & IT equipment**

n/a



E-BS-13 /// STAFF RESTROOM

size

65 SF

capacity/users

1 person

ancillary spaces

n/a

spatial relationships

near academic core classrooms
near teacher collaboration room
near administrative suite

goals

provide a private bathroom for staff

activities

personal and health needs for
administrative staff
changing clothes

environmental considerations

uniform lighting
environmental sound control
moisture- and stain-resistant finishes
adequate exhaust/ventilation

● LEGEND ///

fixed furnishings

- F1.1 casework (wall cabinets)
- F6 soap dispenser
- F7 towel dispenser
- F14 36" and 42" grab bars (36" and 42")
- F18 mirror
- F19 toilet tissue holder
- F30 bathroom sink
- F74 coat hook-bathroom accessory
- F75 sanitary napkin dispenser
- F102 toilet
- F115 hand dryer



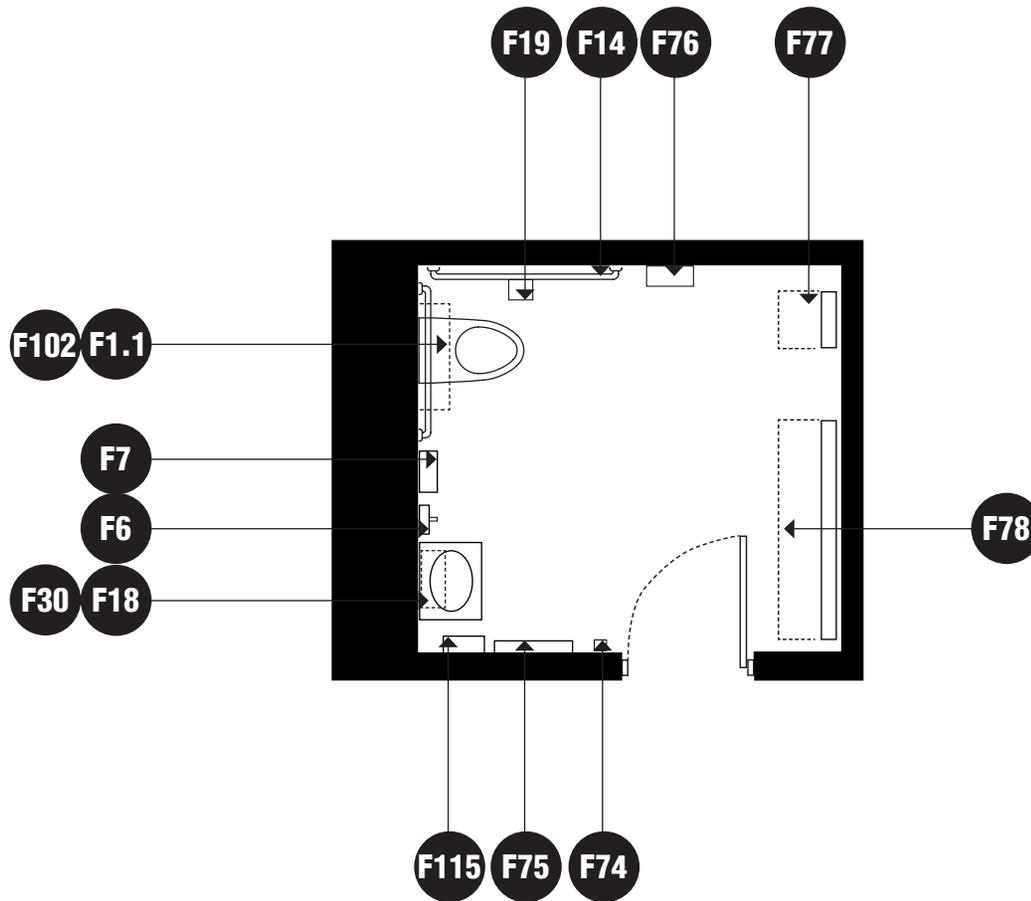
loose furnishings

n/a



AV & IT equipment

n/a



E-BS-14 /// FAMILY RESTROOM

size

65 SF

capacity/users

1-2 people

ancillary spaces

n/a

spatial relationships

located in the administrative area, but accessible to all building occupants

goals

provide a private bathroom for families and handicapped

activities

personal health and handicap needs for all building occupants

environmental considerations

uniform lighting
environmental sound control
moisture- and stain-resistant finishes
adequate exhaust/ventilation

● LEGEND ///

fixed furnishings

- F1.1 casework (wall cabinets)
- F6 soap dispenser
- F7 towel dispenser
- F14 36" and 42" grab bars
- F18 mirror
- F19 toilet tissue holder
- F30 bathroom sink
- F74 coat hook-bathroom accessory
- F75 sanitary napkin dispenser
- F76 sanitary napkin disposal
- F77 mounted child seat
- F78 child changing station
- F102 toilet
- F115 hand dryer

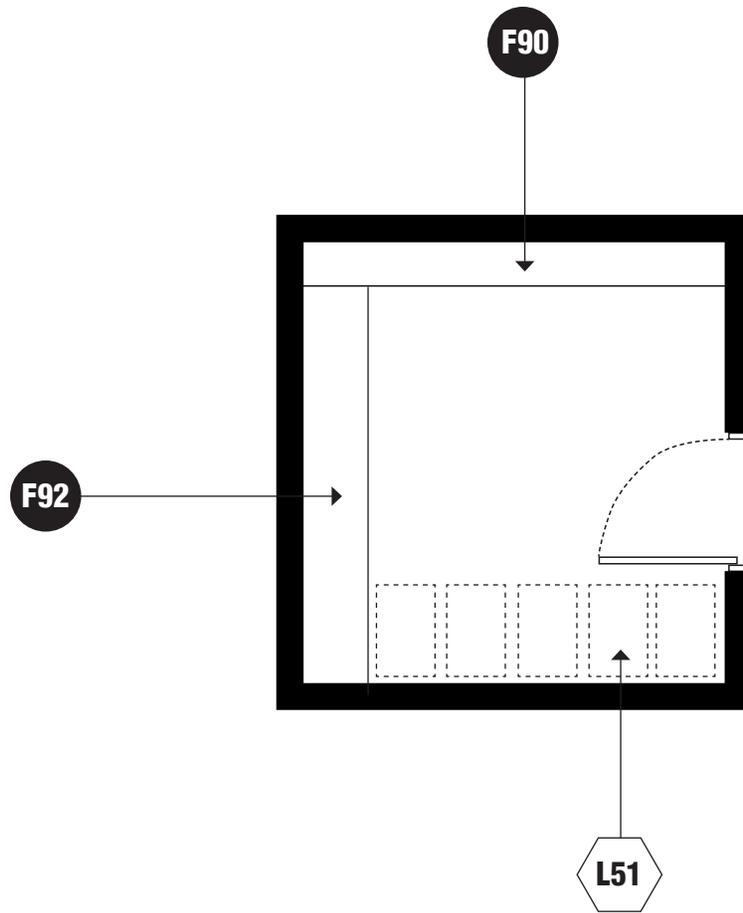


loose furnishings

n/a



AV & IT equipment



capacity/users

1 person

ancillary spaces

n/a

spatial relationships

distributed in academic core areas

goals

storage of computers and technology

activities

materials storage

environmental considerations

uniform lighting
environmental sound control
electrical outlets for equipment
secure and lockable door

LEGEND ///

● **fixed furnishings**

F90 storage shelving (12" deep)

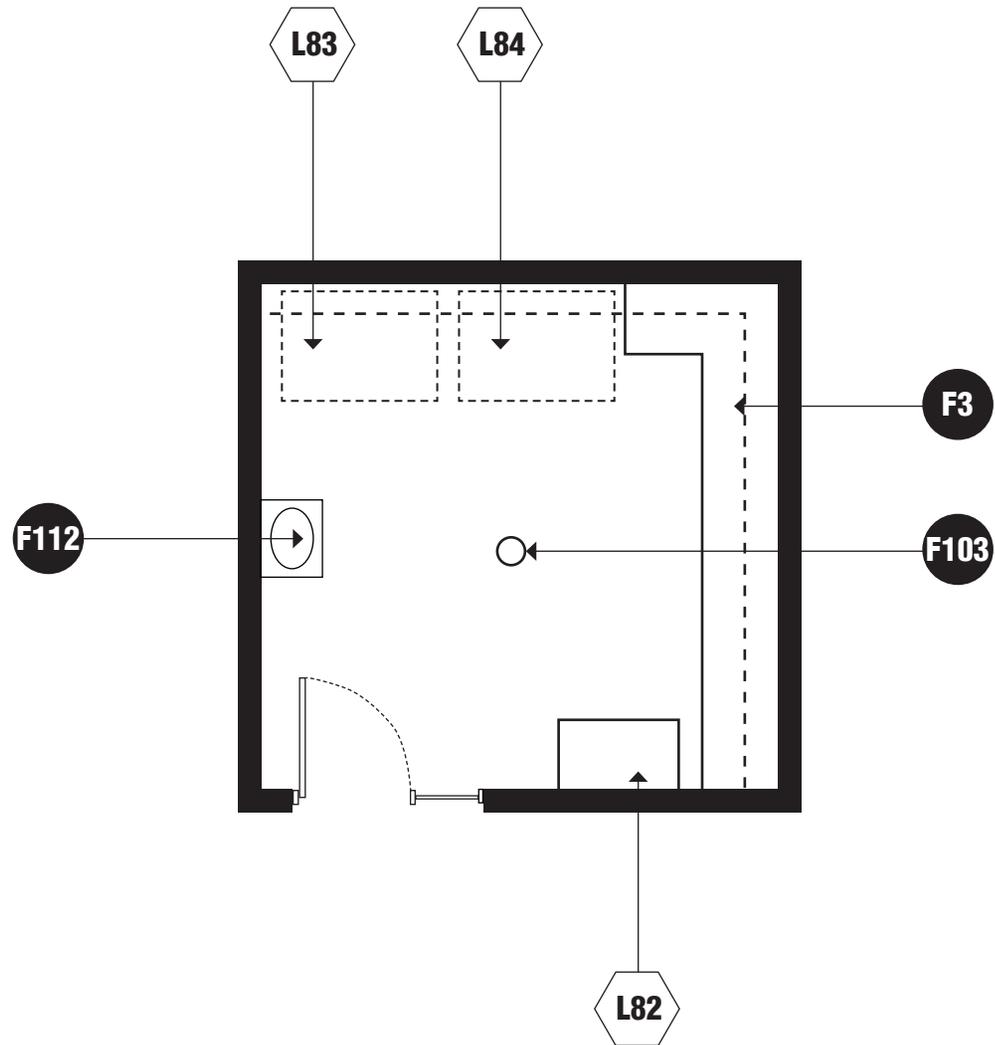
F92 storage shelving (18" deep)

⬡ **loose furnishings**

L51 laptop charging cart (5-6)

■ **AV & IT equipment**

n/a



E-BS-16 /// LAUNDRY ROOM

size

80 SF

capacity/users

1 person

ancillary spaces

n/a

spatial relationships

near custodial office
near ECE (Pre-K) Academic Areas

goals

laundry services

activities

laundry services

environmental considerations

uniform lighting
environmental sound control
electrical outlets for equipment
secure and lockable door
venting for equipment
plumbing connections for equipment

LEGEND ///

● **fixed furnishings**

F3 wall shelving (10'-16', depth may vary)

F103 floor drain

F112 laundry sink

⬡ **loose furnishings**

L82 hamper

L83 washer

L84 dryer

■ **AV & IT equipment**

n/a

DCPS

EDUCATIONAL SPECIFICATIONS

 DISTRICT OF COLUMBIA
PUBLIC SCHOOLS

**ELEMENTARY SCHOOL
PROTOTYPE PROGRAM**