



D.C. DEPARTMENT OF GENERAL SERVICES

REQUEST FOR PROPOSALS

**DESIGN-BUILD SERVICES
ROOSEVELT SCHOOL**

March 18, 2013

Proposal Due Date: April 16, 2013 by 2:00 p.m. EDT

Preproposal Conference: March 26, 2013 at 10:30 a.m. EDT

to be held at:

**Frank D. Reeves Center
2nd Floor Community Room
2000 14th Street, NW
Washington, DC 20009**

Contact: Thomas D. Bridenbaugh
Leftwich & Ludaway, LLC
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Solicitation Number: DCAM-13-CS-0136

Executive Summary

The Department of General Services (“Department” or “DGS”) is issuing this Request for Proposals to engage a design-builder for the modernization of Roosevelt High School (“Roosevelt HS”) located at 4301 13th Street, NW, Washington, DC 20011. The Department has already selected Lance Bailey & Associates/Cox Graae + Spack Architects Joint Venture (the “Architect”) to act as the architect/engineer of record for the Project. The selected design-builder will be required to work with the Architect to advance the design and construct the approved design no later than July 15, 2015 (the “Project”). Draft Educational Specifications for the Project are attached as **Attachment A**.

The existing structure was constructed in 1932 and consists of approximately 331,900 square feet of space. Roosevelt HS houses a traditional grades 9-12 high school program as well as an evening part-time program for young people and adults. In the last five years Roosevelt HS’ daytime enrollment has declined while the STAY enrollment has grown. Although both programs operate independently with separate administrations, there is some sharing of space. The modernized Roosevelt HS will serve 800-900 daytime students and up to 600 part-time evening students.

The Department expects a modernized facility to have operational and efficient building systems, clean and maintainable interior finishes, bright and “healthy” classrooms and public spaces. It should be flexible, functional and focused on both school and community needs. The Department believes that every child deserves to learn in an environment that supports the delivery of a high-quality education. High schools require special facilities, combining nearly every kind of learning environment, that operate and function at an advanced level. High schools generally have the largest student populations and those students attend school for a broad range of hours, participating in extracurricular activities and staggered class schedules. High schools also provide a range of opportunities to serve the community, including use of classrooms in the evenings for adult education and post-secondary education programs. In short, a comprehensive high school facility has it all – from computer and science labs to subject-specific classrooms to athletic facilities and large auditoriums – and serves students and adults alike. This modernization involves replacing or upgrading all building systems and components to new condition and modifying space to meet programmatic requirements.

A.1. Project Delivery Method

The Department intends to implement the Project through a modified design-build approach. The Design-Builder’s scope of work will be divided into two phases: (i) the Preconstruction Phase; and (ii) the Construction Phase. At the time the Design-Builder is selected, it is envisioned that the concept design will be complete, and the selected design-builder will work with the Architect to advance the design in a collaborative manner. It is envisioned that the selected builder will provide a GMP shortly after the design development phase is complete. The GMP will be based on these documents, which are referred to in the Form of Contract as the “GMP Basis Documents”, and the design-builder will be required to obtain quotes from trade

subcontractors based on such documents. The process by which the GMP will be formed is more fully described in the Form of Contract.

The Department anticipates that the GMP will be finalized and approved by the Council in late fall of this year. This will leave approximately 20 months to modernize the building (the "Construction Phase"). The Department will authorize selective release of long-lead items during the preconstruction phase as necessary to maintain the schedule.

A.2 Compensation

As is more fully described in the Form of Contract, this will be a cost plus a fixed fee with a guaranteed maximum price type contract. Offerors will be required to submit with their proposals the following: (i) a Preconstruction Fee; (ii) a Design-Build Fee; and (iii) a General Conditions Budget. The Preconstruction Fee and the Design-Build Fee will be fixed fees; general conditions shall be reimbursable subject to a cap equal to the General Conditions Budget bid by the Offeror. All of these price components should be submitted in an Offer Letter in substantially the form of **Attachment B** on the Offeror's letterhead.

It is the Department's intent to engage the Design-Builder to: (i) manage the design process between April 2013 and September 2013; and (iii) put into place work of approximately \$75 million (excluding FF&E) between November 2013 and July 2015. The Design-Builder shall not be entitled to any additional fees or general conditions unless (i) the Department makes additions to the scope provided for in the GMP Amendment which cause the GMP to increase by more than ten percent (10%); or (ii) the Department makes additions to the scope provided for in the GMP Amendment which will require the Design-Builder's services to extend beyond Labor Day of 2015. Please note, however, that punchlist activities may extend beyond the Substantial Completion Date and that such activities will not entitle the Design-Builder to additional fees or general conditions.

A.3 Form of Contract

The Form of Contract will be issued by Addendum. Offerors should carefully review the Form of Contract when submitting their proposal. To the extent there are any inconsistencies between this RFP and the Form of Contract, the Form of Contract shall prevail. Offerors are further advised that they are required to submit their proposal premised upon entering into a contract that is substantially similar to the Form of Contract and that any proposed changes to the Form of Contract must be clearly identified and described in their proposal. A proposal that fails to specifically identify and describe the requested changes shall be deemed non-responsive.

A.4 Incentives for On-time; On-Budget Completion & Meeting Workforce Goals

In the event the Project is both (i) Substantially Complete no later than July 15, 2015; and (ii) delivered for an amount that does not exceed the GMP, the Design-Builder will be entitled to incentive fee in the amount of Ten Percent (10%) of the design-build fee bid. If both of these goals (i.e. if the Project is late or over budget) are not, for any reason, met, the Design-Builder

will only be entitled to Ninety Percent (90%) of the design-build fee bid. In determining entitlement to these fees, the decision shall be made irrespective of fault and regardless of which party was responsible for the objectives not being met. The Form of Contract will provide more details on these provisions. This Project will be included in the Workforce Incentive Program, and the Design-Build Fee will be increased by 5% if the Workforce Utilization Requirement established with the GMP submission is met.

A.5 Economic Inclusion

The Department requires that Local, Small and Disadvantaged Business Enterprises (“LSDBEs”) participate in this project to the greatest extent possible and desires that such businesses perform at least fifty percent (50%) of the work under this procurement. At least thirty five percent (35%) must be awarded to entities that are certified as Small Business Enterprises by the District of Columbia Department of Small and Local Business Development, and twenty percent (20%) to entities that are certified as Disadvantaged Business Enterprises. The Department will also require that the selected design-builder and all of its subconsultants, subcontractors, and suppliers, enter into a First Source Employment Agreement with the Department of Employment Services and hire fifty-one percent (51%) District residents for all new jobs created on the project. Please see **Part C** of this RFP for additional information.

In addition to LSDBE participation as described above, the Department requires that District residents participate in the Project to the greatest extent possible. Prior to the Design-Builder obtaining trade bids for the work, the Department will establish a minimum requirement for the percentage of labor hours worked by District residents on the project (such requirement, the “Workforce Utilization Requirement”). Offerors shall submit with their proposals a Workforce Utilization Plan outlining how they intend to increase participation by DC residents in the performance of the work on this Project.

A.6 Selection Criteria

Proposals will be evaluated in accordance with **Part D** of this RFP. The following evaluation criteria will be used:

- Experience & References (20 points)
- Key Personnel (15 points)
- Fast-Track Experience (10 points)
- Project Management Plan (10 points)
- Preliminary Project Schedule (10 points)
- Cost (25 points)
- LSDBE Compliance/Utilization (5 points)
- Workforce Utilization Plan (5 points)

A.7 Procurement Schedule

The schedule for this procurement is as follows:

- Issue RFP - March 18, 2013
- Pre-proposal Conference - March 26, 2013 at 10:30 am
- Last Day for Questions/Clarifications - April 10, 2013
- Proposals Due - April 16, 2013 at 2:00 pm
- Notice of Award - April 30, 2013

A.8 Attachments

- Attachment A** - Educational Specifications
- Attachment B** - Form of Offer Letter
- Attachment C** - Disclosure Statement
- Attachment D** - Tax Affidavit
- Attachment E** - Davis-Bacon Wage Rates
- Attachment F** - Bid Guarantee Certification

SECTION B SCOPE OF WORK

B.1 Scope of Work

The Design-Builder's scope of work will generally be divided into two (2) phases as is more fully described below. In general, however, the Design-Builder will be required to fully design and construct the Project for an amount that does not exceed the agreed upon Guaranteed Maximum Price no later than July 15, 2015. Without limiting the generality of the foregoing, the Design-Builder shall be required to provide all of the management, personnel, design services, labor, materials and equipment necessary to complete the Project.

B.2 Preconstruction Phase

The Preconstruction Phase will run from NTP through the execution of the GMP Amendment. During this phase, the Design-Builder will be required to: (i) work with the Architect to advance the design; (ii) obtain bids from trade subcontractors to perform the work described in the bid set and provide bid tabulations to the Department; (iii) engage in any value engineering and scoping exercises necessary to return the cost of the work to the Project Budget; (iv) engage in preconstruction activities, including identifying any long-lead items; (v) develop a GMP proposal for the Project; and (vi) enter into a GMP Amendment for the Project.

B.2.1 Initial Design Review

The Design-Builder shall conduct an independent assessment of the design documents prepared by the Architect at the time the Design-Builder is engaged. This review should include a detailed preliminary estimate and a constructability review. This review shall also identify any potential long-lead items that could adversely impact the schedule. Finally, the Design-Builder shall prepare and submit a preliminary project schedule. All of these items shall be completed within 15 days after the notice to proceed is issued.

B.2.2 GMP Basis Document Scope Review

Within 30 days after the notice to proceed is issued, the Builder shall meet with the Architect and develop a detailed description of the information that will be required in the GMP Basis Documents. Among other things, this description shall include the level of detail that will be required in the MEP drawings.

B.2.3 Design Development Review

The Design/Builder shall conduct a detailed, line item cost estimate of the design development documents. To the extent that the estimate indicates a scope that is inconsistent with the Department's budget for this Project, the Design/Builder shall work with the Department and the Architect to develop a set of recommendations that will return the Project to budget.

B.2.4 Construction Document Design Reviews

Based on the design development estimate as well as the agreed upon scope revision, if any, that were developed at the end of the design development phase, the Design/Builder shall conduct at least one “over the shoulder” review session for each major trade package with the Architect. These “over the shoulder” review sessions shall be scheduled at appropriate times for such review and further information will be included in the Form of Contract.

B.2.5 Trade Bidding Process

The Design-Builder shall provide to the Department a written submission on the proposed bidding procedures as set forth in the Form of Contract. Such procedures shall include: (i) a list of proposed trades packages; (ii) a list of trade subcontractors that will be invited to bid on each such package; and (iii) a narrative description of the process. In addition to the information normally required in such bids, the Design-Builder shall also require subcontractors to provide an estimate of the percentage of labor hours performed in completing the subcontracted work which will be performed by District residents.

B.2.6 Bidding

The Design-Builder shall obtain bids from trade subcontractors for the key elements of the work. At least three (3) proposals shall be solicited for each key element of the work. To the extent that elements of the work are not sufficiently advanced at the time the GMP is to be formed for effective bidding with the trade subcontract markets, those elements of the work will be bid at a later date. The Design-Builder shall provide to the Department a bid tabulation, including the workforce participation estimates, of the trade bids obtained.

B.2.7 Value Engineering & Scope Assessment

Based on the trade bids, the Design-Builder shall prepare a written report of suggested value engineering strategies necessary to reconcile the costs of constructing the Project with the Department’s budget for the Project. The Design-Builder shall meet with the Department’s representatives to discuss any value engineering and changes in scope.

B.2.8 GMP Formation

Based on any value engineering, scope modifications and approved changes in the Project Budget, the Design-Builder shall prepare and submit to the Department a GMP proposal. The Department’s GMP proposal shall represent the Design-Builder’s offer to Fully Complete the Project. The GMP proposal shall include: (i) a line item construction budget; (ii) a detailed CPM schedule; (iii) a listing of the drawings upon which the GMP is based; (iv) an LSDBE utilization plan; and (v) a workforce utilization plan. The GMP Proposal will include an agreed upon protocol with the Architect for the manner in which construction administration services will be provided and any necessary adjustments to the Architect’s contract. In the event that the Department and the Design-Builder are unable to agree upon a GMP or schedule for the Project,

the Department shall have the right to terminate the contract and assume any trade subcontracts held by the Design-Builder. In such an event, the Design-Builder shall only be entitled to 50% of the Preconstruction Fee.

B.2.10 Preconstruction. In addition to those items enumerated above, the Design-Builder shall provide such preconstruction services as are necessary to properly advance the Project. These services shall include, but are not necessarily limited to, scheduling, estimating, shop-drawings, and the ordering of long-lead materials.

B.2.11 Deliverables. The following deliverables are required during the Preconstruction Phase. In the event that the Design-Builder fails to provide any deliverable listed below, the Design-Builder shall forfeit its Preconstruction Fee.

- a. Preliminary Schedule
- b. List of Long Lead Items and Recommendations for purchase.
- c. Over the shoulder design reviews
- d. List of subcontractors from which the Design-Builder intends to solicit bids.
- e. Trade bid tabulations.
- f. Report outlining value engineering strategies.
- g. GMP Proposal.

B.3 Construction Phase

During the Construction Phase, the Design-Builder shall be required to cause the construction to be completed in a manner consistent with the design documents approved by the Department and shall provide all labor, materials and equipment necessary to fully construct the Project in accordance with the drawings, specifications, schedule and budget that are issued for the Project not later than July 15, 2015.

B.3.1 Management Services.

In order to properly manage the Project, the Design-Builder shall be required to undertake the following tasks:

- Participate and assist in Project/Planning meetings.
- Provide and maintain a fully equipped office on-site to perform all required Contractor duties.
- Maintain full-time, on-site construction supervision and provide daily inspections, quality control, monitoring, coordination of various trades, record drawings, and daily work log.
- Conduct weekly progress meetings following a contractor generated agenda with the Program Manager and all trades.
- Provide general safety and signage and posting for the project and see that each subcontractor prepares and submits adequate safety program and monitoring throughout the project.

- Provide a written monthly report that includes (i) an updated schedule analysis, (ii) an updated cost report, and (iii) a monthly review of cash flow.
- Manage the change order process with the trade subcontractors to verify validity, purpose, and cost.
- Prepare payment requests, verify accuracy and forward for approval and payment.
- Assemble close-out documents required.
- Provide assistance to DCPS and DGS through any applicable warranty periods.

B.3.2 Mobilization

The Design-Builder will be required to undertake the tasks described below.

B.3.2.1 Take control of the site and install the necessary construction fences and other devices to properly secure the site.

B.3.2.2 Abate hazardous materials in the existing facility, in accordance with EPA and all jurisdictional agencies.

B.3.2.3 The Design-Builder shall be responsible for all interior and exterior demolition necessary to complete the Project.

B.3.2.4 The Design-Builder shall be responsible for salvaging and storing all items as identified by the Department.

B.3.2.5 The Design-Builder shall be responsible for paying all permits and fees associated with the abatement, demolition, utilities abandonment, and utility relocation. The Department shall be responsible for the building permit fees, but the Design-Builder shall be responsible for all trade Design-Builder permit fees.

B.3.2.6 The Design-Builder shall be responsible for all performance and payment bonds and general liability insurance.

B.3.2.7 The Design-Builder shall be responsible for removing the balance of construction debris off site.

B.3.3 Trade Work; Subcontracts

It is contemplated that all or nearly all of the work will be performed by trade subcontractors under written subcontracts to the Design-Builder. The Design-Builder will not be permitted to self-perform work.

B.3.3 Site Safety and Clean-up

B.3.3.1 The Design-Builder will be required to provide a safe and efficient site. Controlled access shall be required.

B.3.3.2The Design-Builder shall be required to provide wheel washing stations on site so as to prevent the accumulation of dirt and other refuse on the streets surrounding the project site.

B.3.3.3The Design-Builder shall be responsible for site security and shall be required to provide such watchman as are necessary to protect the site from unwanted intrusion. Note that the Design/Builder shall be responsible for providing a secure location for storing electronics and other valuable equipment such as computers.

B.3.3.4The Design-Builder shall be responsible for the cost of temporary power used during the construction of the Project, including, but not limited to, the cost of installing such temporary wiring as may be required to bring power to the site. The Design-Builder shall also be responsible for the cost of all temporary construction necessary on the site.

B.3.4 FF&E

B.3.4.1The Design-Builder shall be responsible for purchasing and providing FF&E. A detailed list of FF&E requirements will be developed during the preconstruction phase.

B.3.4.2The Design-Builder shall be required to prepare and submit at close-out a complete set of product manuals, warranties, etc. The Design-Builder shall also provide the Department with a complete set of its Project files, including, but not limited to, shop drawings, etc. at close out so as to assist the Department in operating the building.

B.4 Move in Period

The renovation work will need to be substantially complete no later than July 15, 2015. Punchlist and other non-disruptive work may continue after that date provided it is completed prior to the beginning of the 2015/16 school year. Design-Builder will be required to coordinate such work with school personnel and will need to accommodate their requirements in getting the school ready for the upcoming school year. In addition, the GMP will include an allowance of \$50,000 for work directed by the Department to assist in the school move-in and cleaning process. It is contemplated that the Design-Builder will be required to provide an on-site crew of laborers to assist in moving furniture and other small jobs as requested by the Department.

B.5 Key Personnel

In its proposal, each Offeror will be required to identify its key personnel. Key personnel shall include, at a minimum, the following individuals: (i) the Project Executive; (ii) the Field Superintendent; and (iii) key project managers (i.e. the project managers responsible for structural, mechanical, electrical and special systems). The Design-Builder will not be permitted to reassign any of the key personnel unless the Department approves the proposed reassignment and the proposed replacement. Please provide a table that identifies the specific staff that will be assigned to this Project, the time periods during which the individual will work on the Project,

his or her level of effort (i.e. the percentage of time devoted to this project), and whether the individual will be funded through the Design-Builder's fee or general conditions.

B.6 Licensing, Accreditation and Registration

The Design-Builder and all of its subcontractors and subconsultants (regardless of tier) shall comply with all applicable District of Columbia, state, and federal licensing, accreditation, and registration requirements and standards necessary for the performance of the contract. Without limiting the generality of the foregoing, all drawings shall be signed and sealed by a professional architect or engineer licensed in the District of Columbia.

B.7 Conformance with Laws

It shall be the responsibility of the Design-Builder to perform under the contract in conformance with the Department's Procurement Regulations and all statutes, laws, codes, ordinances, regulations, rules, requirements, orders, and policies of governmental bodies.

B.8 Davis-Bacon Act

The Davis-Bacon Act is applicable to this Project. As such, the Design-Builder and its trade subcontractors shall comply with the wage and reporting requirements imposed by that Act.

B.9 Apprenticeship Act

The Apprenticeship Act shall apply to this contract and the Design-Builder and all of its trade subcontractors shall be required to comply with that act.

B.10 Time if of the Essence

Time is of the essence with respect to the contract. The Project must be substantially complete by July 15, 2015. As such, the Design-Builder must dedicate such personnel and other resources as are necessary to ensure that the Project is completed on-time and in a diligent, skilled, and professional manner.

SECTION C ECONOMIC INCLUSION

C.1 Preference for Small, Local, and Disadvantaged Business Enterprises

General: Under the provisions of the Small, Local, and Disadvantaged Business Enterprise Development and Assistance Act of 2005, D.C. Law 16-33 (codified at D.C. Code § 2-218.01 et seq.), preferences shall be given to Offerors that are certified by the Department of Small and Local Business Development as being a small business enterprise, having resident business ownership, having a longtime resident business, being a local business enterprise, being a disadvantaged business enterprise, being a local business enterprise with its principal office located in an enterprise zone, being a veteran-owned business enterprise, or being a local manufacturing business enterprise. (A copy of the certification acknowledgment letter must be submitted with the Offeror's Proposal.) In accordance with these laws, the following preferences shall be awarded in evaluating an Offeror's proposal:

- Three (3) preference points shall be awarded if the Offeror is certified as having a small business enterprise.
- Five (5) preference points shall be awarded if the Offeror is certified as having a resident business ownership.
- Five (5) points shall be awarded if the Offeror is certified as having a longtime resident business.
- Two (2) preference points shall be awarded if the Offeror is certified as a local business enterprise.
- Two (2) preference points shall be awarded if the Offeror is certified as being a local business enterprise with its principal office located in an enterprise zone.
- Two (2) preference points shall be awarded if the Offeror is certified as a disadvantaged business enterprise.
- Two (2) preference points shall be awarded if the Offeror is certified as a veteran-owned business enterprise.
- Two (2) preference points shall be awarded if the Offeror is certified as a local manufacturing business enterprise.

Offerors may qualify for more than one of these categories, so that the maximum number of points available under this section is 12 points.

Information: For information regarding the application process, contact the Department of Small and Local Business Development at the following address or telephone number:

Department of Small and Local Business Development
One Judiciary Square Building
441 4th Street, NW, 9th Floor
Washington, DC 20001
(202) 727-3900 (Telephone Number)
(202) 724-3786 (Facsimile Number)

C.2 SLDBE Participation

The Department requires that significant participation by business enterprises certified by the Department of Small and Local Business Development as: (i) a local business enterprise; (ii) a small business enterprise; (iii) a disadvantaged business enterprise; (iv) having a owned resident business; (v) being a longtime business resident; or (vi) having a local business enterprise with its principal office located in an enterprise zone. Accordingly, and in addition to the preference points conferred by **Section C.1**, the Department requires that business enterprises so certified must participate in at least 50% of the project. Of this amount, 35% must be awarded to entities that are certified as Small Business Enterprises by the District of Columbia Department of Small and Local Business Development and 20% to entities that are certified as Disadvantaged Business Enterprises. Offerors will be required to submit a Local Business Enterprise Utilization Plan with their proposals. The Utilization Plan must demonstrate how this requirement will be met and, to the extent possible at this stage in the project, should identify the specific firms that will be used and their respective roles.

C.3 Residency Hiring Requirements for Contractors and Subcontractors

At least fifty-one percent (51%) of the Offeror's Team and every subconsultant's employees hired after the Offeror enters into a contract with the Department, or after such subconsultant enters into a contract with the Offeror, to work on this project, shall be residents of the District of Columbia. Upon execution of the contract, the Offeror and all of its member firms, if any, and each of its subcontractors and subconsultants shall submit to the Department a list of current employees that will be assigned to the project, the date that they were hired and whether or not they live in the District of Columbia.

The Offeror shall comply with subchapter X of Chapter II of Title 2, and all successor acts thereto, including by not limited to the *Workforce Intermediary Establishment and Reform of First Source Amendment Act of 2011*, and the rules and regulations promulgated thereunder, including, but not limited to the following requirements:

- (i) At least 20% of journey worker hours by trade shall be performed by District residents;
- (ii) At least 60% of apprentice hours by trade shall be performed by District residents;
- (iii) At least 51% of the skilled laborer hours by trade shall be performed by District residents; and
- (iv) At least 70% of common laborer hours shall be performed by District residents.

The Offeror and all member firms, subcontractors, tier subcontractors, subconsultants, and suppliers with contracts in the amount of \$100,000 or more shall be required to comply with the following: (i) enter into a First Source Employment Agreement with the D.C. Department of Employment Services ("DOES") upon execution of the contract; (ii) submit an executed First Source Agreement to DOES prior to beginning work on the project; (iii) make best efforts to hire at least 51% District residents for all new jobs created by the project; (iv) list all employment vacancies with DOES; (v) submit monthly compliance reports to DOES by the 10th of each month; (vi) at least 51% apprentices and trainees employed must be residents of the District

registered in program approved by the D.C. Apprenticeship Council; and (vii) trade contractors and subcontractors with contracts in the amount of \$500,000 or more must register an apprenticeship program with the D.C. Apprenticeship Council.

C.4 Apprenticeship Act

The D.C. Apprenticeship Act of D.C. Law 2-156, (“Act”) as amended shall apply to this project. All subcontractors selected to perform work on the project on a craft-by-craft basis shall be required to comply with this Act. All terms and conditions of the D.C. Apprenticeship Council Rules and Regulations shall be implemented. Please note that 35% of all apprenticeship hours worked must be performed by District residents. The Contractor shall be liable for any subcontractor non-compliance.

SECTION D EVALUATION AND AWARD CRITERIA

D.1 Evaluation Process

The Department shall evaluate submissions and any best and final offers in accordance with the provisions of this **Section D** and the Department's Procurement Regulations.

D.2 Evaluation Committee

Each submission shall be evaluated in accordance with this **Section D** by an Evaluation Committee. The Evaluation Committee shall prepare a written report summarizing its findings and submit the same to the source selection official. Based on the information submitted by the Offerors in response to this RFP and the report prepared by the Evaluation Committee, the source selection official shall select the Offeror(s) whose submissions are determined by the source selection official to be the most advantageous to the Department.

D.3 Oral Presentation

The Department does not intend to interview Offerors; however, it reserves the right to award without such interviews. If the Department conducts such interviews, each Offeror within the competitive range shall make an oral presentation to the Department's Evaluation Committee, and participate in a question and answer session. The purpose of the oral presentation and the question and answer session is to permit the Evaluation Committee to fully understand and assess the qualifications of each Offeror and the Offeror's key personnel. The submission will be re-scored at the conclusion of the oral presentation.

D.3.1 Length of Oral Presentation

Each Offeror will be given up to 60 minutes to make the presentation. At the end of the initial presentation, there will be a break for approximately 45 minutes for the Evaluation Committee to assess the presentation and prepare questions. The Offeror will then respond to questions from the Department's Evaluation Committee for no more than 90 minutes.

D.3.2 Schedule

The order of presentation will be selected randomly and the Offerors will be informed of their presentation date before the beginning of oral presentations. The Department reserves the right to reschedule any Offeror's presentation at the discretion of the contracting officer.

D.3.3 Offeror Attendees

The oral presentation will be made by the Offeror's personnel who will be assigned the key jobs for this project. Each Offeror will be limited to 7 persons. The job functions of the persons attending the presentation will be considered to be an indication of the Offeror's assessment of

the key areas of responsibility that are deemed essential to the successful completion of the project.

D.3.4 Topics

The Offeror may present information about its capabilities and special qualifications to serve as a contractor for this Project, including the qualifications of key personnel.

D.4 Proposal Evaluation

Each proposal will be scored on a scale of 1 to 100 points. In addition, Offerors will be eligible to receive up to 12 preference points as described in **Section C.1** of this RFP for participation by Local, Small or Disadvantaged Business Enterprises. Thus, the maximum number of points possible is 112. The contract will be awarded to the contractor with the highest evaluated score.

D.4.1 Experience & References (20 points)

The Department desires to engage a Design-Builder with the experience necessary to realize the objectives set forth in the RFP. This component will be evaluated based on their demonstrated experience in: (i) construction projects in an urban setting; (ii) managing design-build projects; (iii) construction and/or modernization of school facilities and extensive knowledge of school facilities; (iv) knowledge of, and access to, the local subcontracting market; and (v) knowledge of the local regulatory agencies and Code Officials. In evaluating these subfactors, the Department will consider, among other things, the Offeror's track record in delivering projects on-time and on-budget. If the Offeror is a team or joint venture of multiple companies, the Evaluation Panel will consider the experience of each member of the team or joint venture in light of their role in the proposed team or joint venture. This element of the evaluation will be worth up to twenty (20) points.

D.4.2 Key Personnel (15 points)

The Department desires that the Design-Builder assign the appropriate number of personnel having the necessary seniority to implement a project of this type. The personnel should have experience working together and each such individual should have the necessary level of experience and education for his or her proposed role. Proposals should identify, at a minimum, (i) the Project Executive; (ii) the Field Superintendent; (iii) the key project managers (i.e. the project managers responsible for structural, mechanical, electrical and special systems). The availability and experience of the key individuals assigned to this project will be evaluated as part of this element. Please provide a table that identifies the specific staff that will be assigned to this project. The table should include: (i) the individual's name (if known); (ii) his or her title; (iii) his or her level of effort (i.e. the percentage of time devoted to this project); and (iv) the time periods during which the individual will be assigned to the project. This table should include all personnel that will be assigned to the project. Please identify whether the personnel will be funded from general conditions or whether they are home or regional office personnel that are

non-reimbursable (i.e. funded from fee). This element of the evaluation will be worth up to fifteen (15) points.

D.4.3 Cost (25 points)

Offerors will be required to bid a Preconstruction Fee, a Design-Build Fee, and a General Conditions Budget. This element of the evaluation will be worth up to twenty-five (25) points.

D.4.4 Management Plan (10 points)

Offerors are required to submit with their proposal a Management Plan. This element of the evaluation will be worth up to ten (10) points.

The Management Plan should clearly explain how the Design-Builder intends to manage and implement the Project. It should demonstrate a knowledge of the process and impediments that must be overcome and ensure that sufficient staffing will be provided. At a minimum, the plan should: (i) explain how the Design-Builder will manage the engineering subconsultants so as to ensure that the drawings are properly coordinated; (ii) explain how the Design-Builder will manage the value engineering/management process; (iii) explain how the Design-Builder proposes to staff and handle construction administration; (iv) explain how the Design-Builder will manage the design process; (v) describe the key challenges inherent in this Project and explain how they will be overcome or mitigated.

The Management Plan should also: (i) identify the key personnel and their specific roles in managing the Project; (ii) identify the key milestone dates and provide a description of how these dates will be achieved; (iii) provide a skeletal schedule of the work and the phasing of construction; (iv) describe how the Design-Builder intends to address and overcome issues related to compressed schedule; and (v) describe the cost control management structures that will be used to ensure the Project is delivered on-budget. The Department will also consider the experience that the Contractor and its team members have working together on similar projects. This element of the evaluation is worth up to ten (10) points).

D.4.5 Preliminary Schedule (10 points)

Offerors should submit with their Management Plan a schedule that shows the anticipated manner in which the design will be prepared and how it relates to the proposed construction schedule for this Project. The schedule should show sufficient level of detail so as to demonstrate the Offeror's understanding of the Project and the key issues related to the Project. This element of the evaluation is worth up to ten (10) points.

D.4.6 LSDBE Compliance/Utilization (5 points)

The Department desires the selected design-builder to provide the maximum level of participation for Local, Small and Disadvantaged Business Enterprises as well as employment opportunities for District of Columbia residents. Offerors will be evaluated in light of their demonstrated experience in meeting such goals and their proposed LSDBE Utilization Plan. This element of the evaluation will be worth up to five (5) points.

D.4.7 Workforce Utilization Plan (5 points)

The Department desires the selected design-builder to provide the maximum level of participation by District of Columbia residents in performing the work. As part of their proposals, Offerors must provide a Workforce Utilization Plan which demonstrates how it will identify qualified District residents to perform work on the project and increase participation by District residents. This element of the evaluation will be worth up to five (5) points.

D.4.8 Fast-Track Experience (10 points)

The Department desires that the selected design-builder have substantial experience in implementing design-build projects on a fast-track schedule. The Design-Builder will be evaluated based on its demonstrated experience in: (i) managing the design to scope and budget; (ii) working with designer to develop bid packages based on design development documents or incomplete construction documents; (iii) estimating construction costs based on design development documents; and (iv) purchasing on fast-track schedules. This element of the evaluation will be worth up to ten (10) points.

SECTION E PROPOSAL ORGANIZATION AND SUBMISSION

This section outlines specific information necessary for the proper organization and manner in which Offerors' Proposals should be proffered. References are made to other sections in this RFP for further explanation.

E.1 Submission Identification

Submissions shall be proffered in an original and eight (8) copies. The Offeror's submission shall be placed in a sealed envelope conspicuously marked: "Proposal for Design-Build Services for Roosevelt High School"

E.2 Delivery or Mailing of Submissions

Submissions should be delivered or mailed to:

DC Department of General Services
Att'n: JW Lanum
Frank D. Reeves Center
2000 14th Street, NW, 5th Floor
Washington, DC 20009

E.3 Date and Time for Receiving Submissions

Submissions shall be received no later than 2:00 pm EDT, on April 16, 2013. The Offeror assumes the sole responsibility for timely delivery of its Submission, regardless of the method of delivery.

E.4 Submission Size, Organization and Offeror Qualifications

All submissions shall be submitted on 8-1/2" x 11" bond paper and typewritten. Telephonic, telegraphic, and facsimile submissions shall not be accepted. The Department is interested in a qualitative approach to presentation material. Brief, clear and concise material is more desirable than quantity. The submission shall be organized as follows:

E.4.1 Bid Form

Each Offeror shall submit a bid form substantially in the form of **Attachment B**. Material deviations, in the opinion of the Department, from the bid form shall be sufficient to render the proposal non-responsive.

E.4.2 Disclosure Form

Each Offeror shall submit a Disclosure Statement substantially in the form of **Attachment C**.

E.4.3 Executive Summary

Each Offer should provide a summary of no more than three pages of the information contained in the following sections.

E.4.4 General Team Information and Firm(s) Data

Each Offeror should provide the following information for the Design-Builder and each of its subconsultants.

Name(s), address(es), and role(s) of each firm (including all sub-consultants)

Firm profile(s), including:

- i. Age
- ii. Firm history(ies)
- iii. Firm size(s)
- iv. Areas of specialty/concentration
- v. Current firm workload(s) projected over the next year
- vi. Provide a list of any contract held by the Offeror where the contract was terminated (either for default or convenience). This list should also identify any contracts that resulted in litigation or arbitration between the Owner and the Offeror. If the Offeror has multiple offices, only contracts held by the office submitting this proposal need be listed.

C. Description of the team organization and personal qualifications of key staff, including:

- i. Identification of the single point of contact for the Design-Builder.
- ii. Organizational chart illustrating reporting lines and names and titles for key participants proposed by the team.
- iii. Resumes for each key participant on the team, including definition of that person's role, relevant project experience, and current workload over the next two years.
- iv. Experience that the key team members have working together.

E.4.5 Relevant Experience and Capabilities

- A. Detailed descriptions of no more than eight (8) projects that best illustrate the team's experience and capabilities relevant to this project. On each project description, please provide all of the following information in consistent order:
- i. Project name and location
 - ii. Name, address, contact person and telephone number for owner reference
 - iii. Brief project description including project cost, square footage, firm's scope of work, and key firm strengths exhibited
 - iv. Identification of personnel involved in the selected project who are proposed to work on this project
 - vi. Project process and schedule data including construction delivery method, and construction completion date (any unusual events or occurrences that affected the schedule should be explained)
 - vii. Construction cost data including pre-construction budget, and actual construction cost (if actual construction cost exceeds original, please explain why)

E.4.6 Project Management Plan

Each Offeror should submit a Project Management Plan that addresses the issues set forth in Section D.4.4 of this RFP.

E.4.7 Preliminary Project Schedule

Each Offeror should prepare a preliminary project schedule that shows how the Offeror intends to complete the project in a timely manner. The schedule should be prepared using a critical path method and should show key logic ties and activity durations. The schedule should demonstrate that the Offeror understands the project and has a workable method to deliver the project in a timely manner.

E.4.8 Cost Information

The Offeror should submit the Bid Form in substantially the form of **Attachment B**.

E.4.9 Local Business Utilization Plan

Each Offeror must submit a proposed Local Business Utilization Plan that identifies the specific certified business enterprises that will participate in the contract and their anticipated roles. In addition, each Offeror should provide: (i) a narrative description of similar projects and the

Offeror's success in meeting such goals; and (ii) a chart, in summary form, that identifies the Offeror's major public projects over the last five years and its success in achieving such goals (creativity should be displayed regarding joint-venture and subcontractor agreements).

E.4.10 Workforce Utilization Plan

Each Offeror must submit a Workforce Utilization Plan that describes how the Offeror will increase participation by District residents in performing the labor necessary for the Project. The plan should set forth how specifically the Offeror will implement its plan to increase participation by District residents. The Offeror shall also provide a chart, in summary form, that depicts the level of participation by District residents in past projects with the District.

E.4.11 Tax Affidavit

Each Offeror must submit a tax affidavit substantially in the form of **Attachment D**. In order to be eligible for this procurement, Offerors must be in full compliance with their tax obligations to the District of Columbia government.

E.4.12 Fast-Track Experience

Each Offeror must demonstrate substantial experience in implementing design-build projects on a fast-track schedule. This should include prior experience with fast-track project and a narrative of strategies that the Offeror anticipates will be utilized in order to deliver this Project.

SECTION F BIDDING PROCEDURES & PROTESTS

F.1 Contact Person

For information regarding this RFP please contact:

Thomas D. Bridenbaugh
Leftwich & Ludaway, LLC
1400 K Street, NW
Suite 1000
Washington, D.C. 20005
Phone: (202) 434-9100
Facsimile: (202) 783-3420

Any written questions or inquiries should be sent to Thomas Bridenbaugh at the address above.

F.2 Preproposal Conference

A preproposal conference will be held on March 26, 2013 at 10:30 a.m. The conference will be held at the Frank D. Reeves Center, 2nd Floor Community Room, 2000 14th Street, NW, Washington, DC 20009. Interested Offerors are strongly encouraged to attend.

F.3 Explanations to Prospective Offerors

Each Offeror should carefully examine this Request for Proposals and any and all amendments, addenda or other revisions, and thoroughly familiarize itself with all requirements prior to proffering a submission. Should an Offeror find discrepancies or ambiguities in, or omissions from, the RFP and amendments, addenda or revisions, or otherwise desire an explanation or interpretation of the RFP, any amendments, addenda, or revisions, it must submit a request for interpretation or correction in writing. Any information given to an Offeror concerning the solicitation shall be furnished promptly to all other Offerors as an amendment or addendum to this RFP if in the sole discretion of the Department that information is necessary in proffering submissions or if the lack of it would be prejudicial to any other prospective Offerors. Oral explanations or instructions given before the award of the contract shall not be binding.

Requests should be directed to Thomas Bridenbaugh at the address listed in Section F.1 no later than the close of business on April 10, 2013. The person making the request shall be responsible for prompt delivery.

F.4 Protests

Protests shall be governed by Section 4734 of the Department's Procurement Regulations (27 DCMR § 4734). Protests alleging defects in this solicitation must be filed prior to the time set for receipt of submissions. If an alleged defect does not exist in this initial RFP, but was incorporated into the RFP by an amendment or addendum, a protest based on that defect must be

filed before the next closing time established for proffering submissions. In all other cases, a protester shall file the protest within ten (10) days after the protester knows or should have known, whichever is earlier, of the facts and circumstances upon which the protest is based. All protests must be made in writing to the Department's Chief Contracting Officer ("CCO") and must be filed in duplicate. Protests shall be served on the Department by obtaining written and dated acknowledgment of receipt from the Department's CCO. Protests received by the Department after the indicated period shall not be considered. To expedite handling of protests, the envelope shall be labeled "Protest".

This section is intended to summarize the bid protest procedures and is for the convenience of the Offerors only. To the extent any provision of this section is inconsistent with the Procurement Regulations, the more stringent provisions shall prevail.

F.5 Contract Award

This procurement is being conducted in accordance with the provisions of Section 4712 of the Department's Procurement Regulations (27 DCMR § 4712).

F.6 Retention of Submissions

All submissions shall be retained by the Department and therefore shall not be returned to the Offerors. With the exception of proprietary financial information, the submissions shall become the property of the Department and the Department shall have the right to distribute or use such information as it determines.

F.7 Examination of Submissions

Offerors are expected to examine the requirements of all instructions (including all amendments, addenda, attachments and exhibits) in this RFP. Failure to do so shall be at the sole risk of the Offeror and may result in disqualification.

F.8 Late Submissions: Modifications

- A. Any submission or best and final offer received at the office designated in this RFP after the exact time specified for receipt shall not be considered.
- B. Any modification of a submission, including a modification resulting from the CCO's requests for best and final offers, is subject to the same conditions as in F.8.A stated above.
- C. The only acceptable evidence to establish the time of receipt at the Department's office is the time-date stamp of such installation on the submission wrapper or other documentary evidence of receipt maintained by the installation.

- D. Notwithstanding any other provisions of this Request for Proposals to the contrary, a late modification of an otherwise successful submission which makes its terms more favorable to the Department may be considered at any time it is received and may be accepted.
- E. Submissions shall be irrevocable and remain in full force and effect for a period not less than 120 days after receipt of submissions.

F.9 No Compensation for Preparation of Submissions

The Department shall not bear or assume any financial obligations or liabilities regarding the preparation of any submissions submitted in response to this RFP, or prepared in connection therewith, including, but without limitation, any submissions, statements, reports, data, information, materials or other documents or items.

F.10 Rejection of Submissions

The Department reserves the right, in its sole discretion:

- A. To cancel this solicitation or reject all submissions.
- B. To reject submissions that fail to prove the Offeror's responsibility.
- C. To reject submissions that contain conditions and/or contingencies that in the Department's sole judgment, make the submission indefinite, incomplete, otherwise non-responsive, or otherwise unacceptable for award.
- D. To waive minor irregularities in any submission provided such waiver does not result in an unfair advantage to any Offeror.
- E. To take any other action within the applicable Procurement Regulations or law.
- F. To reject the submission of any Offeror that has submitted a false or misleading statement, affidavit or certification in connection with such submission or this Request for Proposals.

F.11 Limitation of Authority

Only a person with prior written authority from the CCO shall have the express, implied, or apparent authority to alter, amend, modify, or waive any clauses or conditions of the contract. Furthermore, any alteration, amendment, modification, or waiver of any clause or condition of this RFP is not effective or binding unless made in writing and signed by the CCO or its authorized representative.

F.12 Non-Responsive Pricing

In general, the Department will consider a proposal non-responsive if Offeror's price is greater than 150% of the median price submitted by other Offerors. The Department reserves the right to deem a proposal non-responsive if Offeror's price is greater than 150% of the independent government estimate.

SECTION G INSURANCE REQUIREMENTS

G.1 Required Insurance

The contractor will be required to maintain the following types of insurance throughout the life of the contract.

G.1.1 Commercial general public liability insurance (“Liability Insurance”) against liability for bodily injury and death and property damage, such Liability Insurance to be in an amount not less than Five Million Dollars (\$5,000,000) for liability for bodily injury, death and property damage arising from any one occurrence and Five Million Dollars (\$5,000,000) from the aggregate of all occurrences within each policy year. The policy should include completed operations coverage. The Design-Builder will be required to maintain this coverage in force for a period of at least two years after substantial completion.

G.1.2 Workers’ compensation and Employers Liability coverage providing statutory benefits for all persons employed by the contractor, or its contractors and subcontractors at or in connection with the Work.

G.1.3 Automobile Liability, including Hired and Non-Owned Auto Liability in the amount of at least One Million Dollars (\$1,000,000) for each occurrence for bodily injury and property damage.

G.1.4 Excess umbrella liability coverage (on at least a follow form basis) and when combined with the general liability policy has an aggregate limit of at least Ten Million Dollars (\$10,000,000).

G.1.5 Builder’s risk insurance written on an “all risk” basis and covering the value of the improvements being constructed. This coverage does not need to be maintained until such time as construction operations begin.

G.2 Additional Insureds

Each insurance policy shall be issued in the name of the contractor and shall name as additional insured parties the Department and the District of Columbia, and shall not be cancelable or reduced without thirty (30) days prior written notice to the Department.

G.3 Waiver of Subrogation

All such insurance shall contain a waiver of subrogation against the Department and the District of Columbia, and their respective agents.

G.4 Strength of Insurer

All insurance shall be placed with insurers that are reasonably acceptable to the Department and with an A.M. Best's rating of not less than A- (Excellent) and a surplus size of not less than XV. All such insurers shall be licensed/approved to do business in the District of Columbia.

SECTION J BONDS

J.1 Bid Bond

Offerors are required to submit with their proposal a bid bond in the amount of \$50,000. All bonding companies must be included on the Department of Treasury's Listing of Approved Sureties. Alternatively, Offerors may submit a cashier's check or irrevocable letter of credit in lieu of a bid bond. However, in the event an Offeror who is awarded a contract fails to post a payment and performance bond for the full value of the contract, the Offeror shall thereby forfeit the full amount of the cashier's check or letter of credit, and the Department shall collect such funds as liquidated damages. If the Offeror chooses to submit a cashier's check or letter of credit in lieu of a bid bond, the Offeror must complete the form included as **Attachment F** and return, notarized, with the Offeror's bid. Letters of credit must be: (i) unconditional and standby; (ii) irrevocable; (iii) issued by an FDIC insured institution that is reasonably acceptable to DGS; and (iv) able to be drawn on in the Washington, DC metropolitan area. The letter of credit shall provide that it may be drawn upon if the holder of the letter of credit submits a signed statement by DGS's contracting officer stating that the Offeror has failed to enter into a contract consistent with the terms of this procurement and the Offeror's bid submitted thereunder.

J.2 Trade Subcontractor Bonds

The Form of Contract will require that all trade subcontractors provide a payment and performance bond having a penal value equal to 100% of the cost of the trade subcontract. All such bonds shall be written on a dual-obligee basis.

J.3 Contractor's Payment and Performance Bond

In addition to the trade subcontractor bonds required by Section J.2, the Design-Builder will be required to post a payment and performance bond having a penal value equal to the GMP at the time the GMP Amendment is executed.

Attachment A

Draft Education Specifications

Roosevelt High School Modernization

**DRAFT
December 2012**



DCPS Academic Guiding Principals

Modernize/Enhance Classrooms

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

Ensure Buildings Support Programs

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

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

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

Leverage the School as a Community Asset

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



Introduction

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

Scope and Justification

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

The Student Population

In the last five years Roosevelt's daytime enrollment has declined steadily while the STAY enrollment has grown.

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

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

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

Capacity Calculation

Graduation Requirements

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

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



The Program - Daytime

Proposed Capacity

	# of Rooms	# Students/ Room	Capacity
Core Academic Classrooms (English 6, Math 6, Social Studies 6, Electives Lang 4)	22	20	440
Science	6	20	120
Technology Lab	2	0	0
Special Education	10	10	100
Visual Arts	1	20	20
Instrumental/Choral	2	20	40
Gym	1	20	40
Multi-Purpose PE	1	0	0
Fitness/Weight Room	1	0	0
Health	1	20	20
ROTC	2	18	36
CTE Labs	3	18	54
Total at 80% Utilization	52		870

The Program – PM/Twilight

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

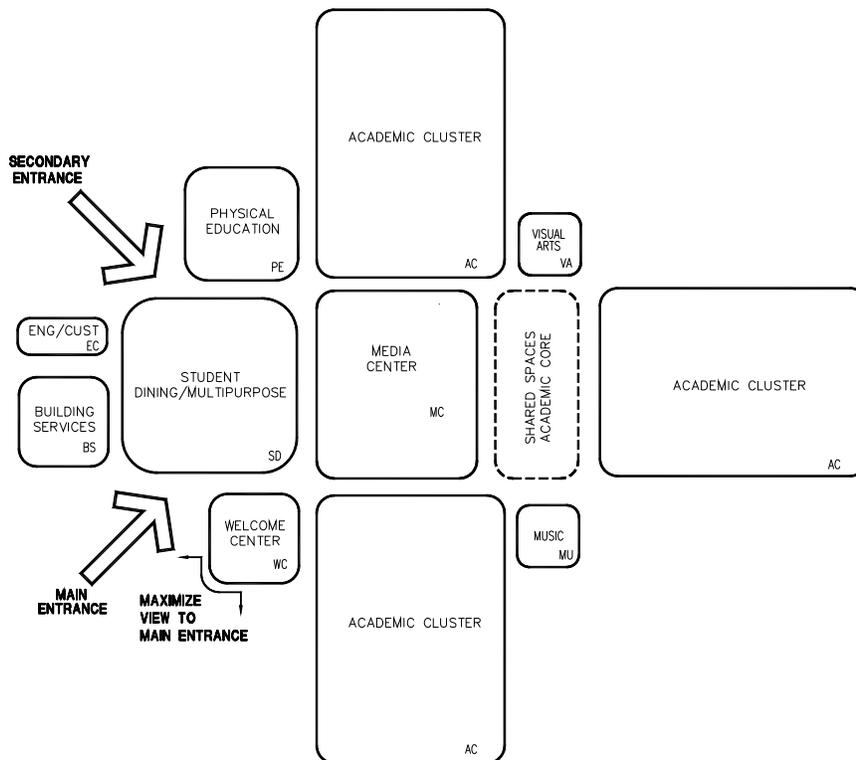


Overview of Planning Concepts

The Academies Structure

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

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





The Pathways Structure

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

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

Each pathway team has a prominent 'center' and should anchor the corners of the building.

The Academy Structure

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

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

Classroom Breakout:

Academic classrooms = 8 (includes 2 English, 2 Math, 2 Social Studies, 2 Science)
Independent Study Area = 1 (for reading, testing, tutoring, and independent study)

Learning/administrative Hub

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

Corridors

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

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

Classroom Breakout:

Academic classrooms = 4 (includes English, Math, Social Studies, Science)
Independent Study Area = 1 (for reading, technology projects, testing, and independent study)



Learning/administrative Hub

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

Corridors

Universal Signage, Theme-based colors and textures
200- 250 lockers
Rest rooms for students and staff

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

Classroom Breakout:

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

Teachers' work/team room/storage
Staff office

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

Classroom Breakout:

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

Learning/administrative Hub

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

Corridors

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

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

Electives Central to all Grades

Classroom Breakout:

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



Furniture Plan



Special Education

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

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

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

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

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



Classroom Breakout:

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

Read 180 = 1

Independent Study Area = 1 (for reading, testing, tutoring, and independent study)

Learning/administrative Hub

Academy administrator Suite

Teachers' work/team room/conference room/storage

Itinerant staff offices (social worker, psychologist, speech, OT/PT)

Visual and Performing Arts

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

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

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

“Welcome Area”/Administration/Student Services

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

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

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

Some administration will be decentralized for security and programmatic reasons.

Multi-Media Center

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

Physical Education

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



Cafeteria/Commons

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

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

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

Corridors

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

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

Furniture & Equipment

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

Handicapped Accessibility

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

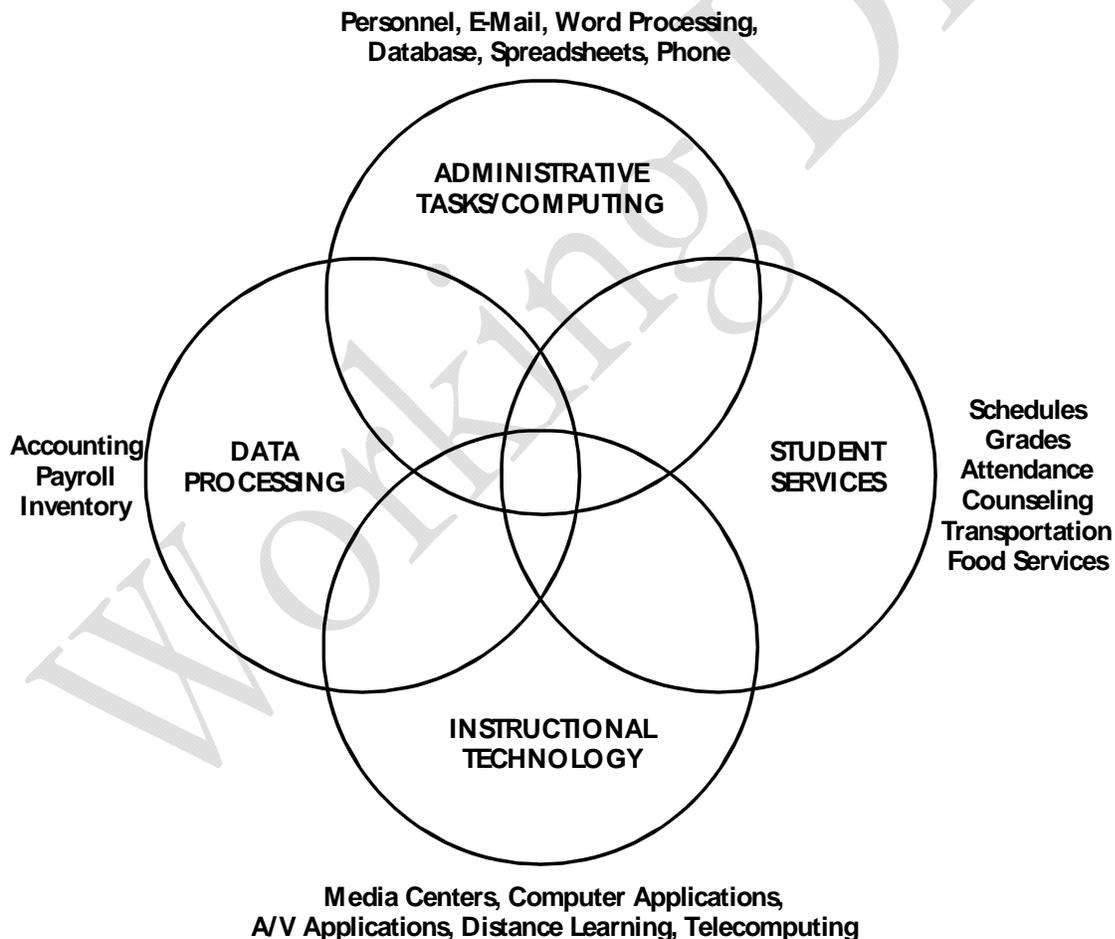


Technology

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

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

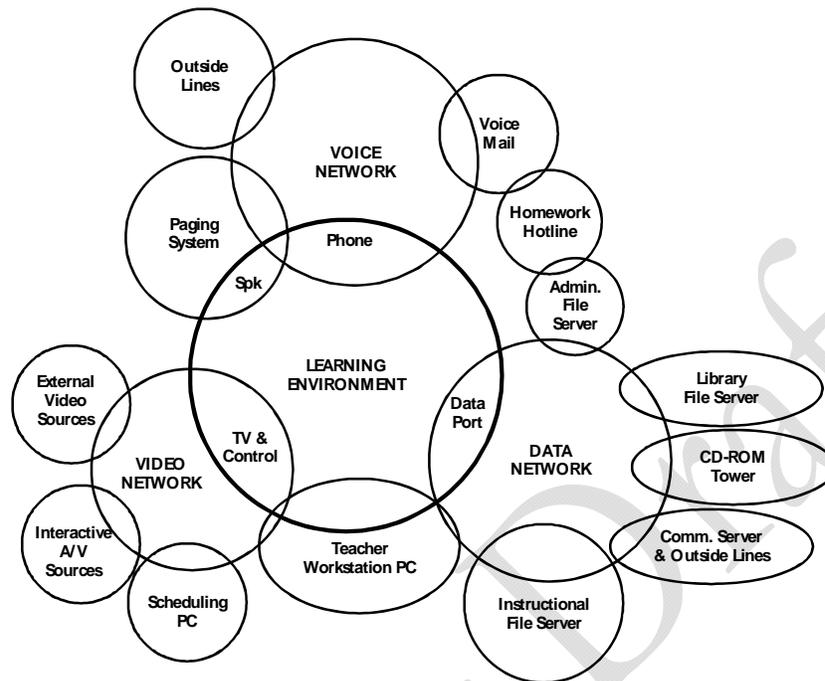
Technology has four primary applications within the school environment. These applications have the potential for a positive impact on every aspect of the educational processes found in schools. The following diagram provides a visual of how the four primary applications interface with each other and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





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



Technology can support multiple instructional designs:

Whole Group Instruction (20-30 students)

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

Small Group Instruction (6-8 students)

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

Individualized Instruction (1-2 students)

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

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

Technology in every classroom:

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

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



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

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

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

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

Printing

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

- Central Workroom (print shop)
- Academy Workrooms



Safety & Security

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

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

Building Layout

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

Types of Building Materials

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

Uses of Technology

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

Vehicular and Pedestrian Traffic

Separate student (pedestrian) traffic flow

Landscaping, Play/Practice Fields, Site, and Lighting

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



Performance Criteria

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

Lighting Quality: Improving natural and artificial lighting in classrooms

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

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

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

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

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



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

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



Energy and Environmental Design

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

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

Passive Concepts

1. Building Layout

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

2. Types of Building Materials

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

3. Uses of Technology

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

4. Vehicular and Pedestrian Traffic

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

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

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



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6. Green Curriculum

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

Active Concepts

1. Building Layout

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

2. Types of Building Materials

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

3. Uses of Technology

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

4. Vehicular and Pedestrian Traffic

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

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

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

6. Green Curriculum

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



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Space Requirements Summary

Base Required Space	Teaching Stations	Square Footage
Core Academic/Science	32	42,730
Special Education	10	10,500
Media Center	0	3,550
Visual Arts	1	1,650
Performing Arts	2	12,820
ROTC	1	2,250
Family Support Center	1	2,920
PE/Health	3	26,050
Administration Services	0	5,305
Health Suite	0	1,893
Pathway Centers	0	5,650
Student Dining & Food Service	0	9,750
STAY Classrooms and Administration		7,500
Engineering & Custodial Services	0	2,200
Building Support Areas [corridors, bathrooms, storage, stairwells, elevators]		53,092
Total		187,860
Construction Factor		.095
Gross Total		205,706

Site Requirements

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

Space Requirements Summary

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



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Core Academic Area Space Requirements

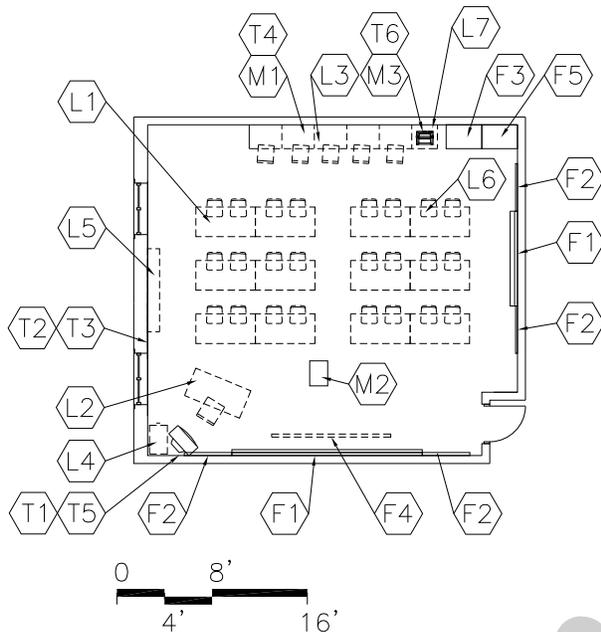
Space	Design Guideline			Comments
	Qty.	S.F.	Total	
Academic Classroom	22	800-850	17,600	
Independent study/tutoring	2	varies	2,000	9 th Academy, Elite academy
Science Lab (wet)	3	800	6,400	Labs flanked by classrooms
Science classrooms	5	800		
Science Prep	3	200	600	
Chemical/ department storage	1	varies	100	
Greenhouse	1	400	400	
Physics Lab	1	1300	1300	
Technology Labs	2	900	1,800	One near the cafeteria
CTE Labs				
• Culinary Arts	1	6,000		
• Business	2	900	7,800	
Alternative education classroom	1	600	600	
Academy Support Suite				Three grade level academies, ELL
Staff Offices	4	120	480	
Teacher Workroom/meeting rm.	4	400	1600	
Storage	4	varies	800	Department (English, math, SS, ELL)
Book Storage	2	300/500	800	
Central workroom	1	500	500	
Total			42,180	

Specialty Rooms				Comments
	Qty.	S.F.	Total	
School Store	1	230	230	
Student Government Office	1	200	200	
Total			430	



CORE ACADEMIC CLASSROOM

H-AC-1



CAPACITY:

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

SIZE:

- 800-850 SF

Note: Larger classrooms may have the following additional spaces:

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

6 math classrooms with hands-on manipulatives center

GOAL:

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

PROGRAM ACTIVITIES:

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

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

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



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CORE ACADEMIC CLASSROOM

H-AC-1

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Fire Suppression:</u>	<u>Spec. Ref.#</u>
<u>Flooring:</u>		<u>Fire suppression system</u>	Div. 21
Resilient tile flooring	096519		
<u>Base:</u>		<u>HVAC:</u> Div. 23	
Resilient base	096519	Supply/return air system	
<u>Ceiling: (9' high minimum)</u>		Independent temperature control	
Suspended, acoustical	095113	<u>Electrical:</u> Div. 26	
<u>Walls:</u>		Fluorescent lighting	
Painted concrete masonry units or dry wall	042000 / 099123	Illumination level: See Table 7600-16	
<u>Loose Furnishings:</u>		Multilevel switching	
L1 21-28 Student tables/chairs		Duplex receptacles	
L2 One - two teacher desks and chair		3 per primary teaching wall	
L3 3-5 Computer workstation furniture		At least 2 per other walls	
L4 1, four-drawer locking file cabinet		TVSS protected quad receptacle	
L5 Adjustable height bookshelves (24 LF)		adjacent to data and video ports	
L6 Additional student tables/chairs		Central sound system	
Wastebasket		Clock	
<u>Features¹:</u>		<u>Communications²:</u>	Div. 27
<u>Fixed Equipment:</u>		T1 Video port, monitor,	
F1 Marker boards (24 LF)	101100	VCR, and brackets	
F2 Tack boards (16-24 LF)	101100	T2 1 voice port and phone	
Tack strip		T3 1 data port near teacher workstation	
F3 Casework:	123200	T4 5 data ports (minimum) for student use	
Tall cabinets		T5 1 cable/MATV port	
F4 Manual projection screen	115213	T6 1 data port for printer	
F5 Casework:	123200	Electronic white board	
Wardrobe		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		M1 3-5 computers for student use	
		M2 Multimedia cart with overhead projector,	
		computer projector, multimedia	
		computer	Div. 27
		Note: Printing network centralized – see central workroom	
		Audio enhancement equipment	

NOTES:

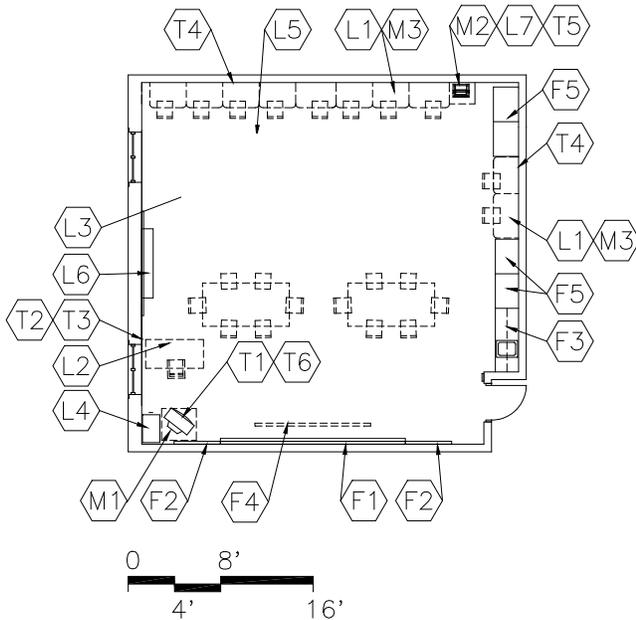
1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications - Technology, Section 1240.



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INDEPENDENT STUDY/TUTORING

H-AC-2



GOAL:

- To provide flexible space as a resource area

PROGRAM ACTIVITIES:

- Large group and small group instruction
- Independent study
- Teacher collaboration
- Team teaching
- Tutoring
- Testing

SPATIAL RELATIONSHIPS:

- One per academy

ENVIRONMENTAL CONSIDERATIONS:

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

CAPACITY:

- Up to 25 students
- Or 25 staff member
- Guest speakers

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

NOTES:

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



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INDEPENDENT STUDY/TUTORING

H-AC-2

	Spec. Ref.#			Spec. Ref.#
<u>Finishes</u> ¹ :				
Flooring:		<u>Fire Suppression:</u>		Div. 21
Vinyl composition tile	096519	Fire suppression system		
Base:		<u>Plumbing:</u>	Div. 22	
Resilient base	096519	Single, deep sink		
		Plumbing connections		
Ceiling: (9' high minimum)		<u>HVAC:</u>	Div. 23	
Suspended, acoustical	095113	Supply/return air system		
Walls:		Independent temperature control		
Painted concrete masonry units or dry wall				
	042000 / 099123	<u>Electrical:</u>	Div. 26	
<u>Loose Furnishings:</u>		Fluorescent lighting		
L1 5-10 computer workstations		Illumination level: See table 7600-16		
L3 2-3 rectangular tables		Multilevel switching		
L5 15-25 chairs – some soft seating		Duplex receptacles		
L6 Adjustable height bookshelves (24 LF)		3 per wall		
Wastebasket		TVSS protected quad receptacle adjacent to data and video ports		
		Central sound system		
		Clock		
<u>Features</u> ¹ :	Spec.	<u>Communications</u> ² :		Div. 27
Fixed Equipment:		T1 1 video port, monitor, VCR, and brackets		
F1 Marker board (16 LF)	101100	T2 1 voice port and phone		
F2 Tack board (8-16 LF)	101100	T3 1 data port near teacher workstation		
F3 Casework:		T4 10 data ports (minimum) for student use		
Base/wall cabinets	123200	T6 1 cable/MATV port		
F4 Manual projection screen	115213	Electronic white board		
F5 Casework:		<u>Electronic Safety and Security:</u>		Div. 28
Tall cabinets	123200	Life safety devices per code		
		<u>Miscellaneous:</u>		
		M3 5 computers for student use		
		Audio enhancement equipment		

NOTES:

Finishes/Features: Refer to Chapter 8 for specification references



SCIENCE WET LAB/CLASSROOMS

No Picture

CAPACITY:

- 21-28 students
- Teachers
- Staff

SIZE:

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

ANCILLARY SPACES:

- Science Prep

SPATIAL RELATIONSHIPS:

- Lab stations may be peripheral or clustered
- Two biology labs (green house near)
- One chemistry lab
- One physics lab

GOALS:

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

PROGRAM ACTIVITIES:

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

ENVIRONMENTAL CONSIDERATIONS²:

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

BUILT-IN EQUIPMENT – Biology Labs:

- A demonstration table (30" X 5 ft.) with a top of black epoxy resin. The style and manufacturer is available through OPEFM
- Technology, marker boards and screens same as regular classroom
- An ultrasonic goggle sterilizer
- Six (6) lab stations shall be located along the walls. Each lab station will have epoxy resin counter tops with two (2) GFI equipped electrical outlets and two data ports. Each lab station will accommodate four (4) students. The style and manufacturer along with the water and electrical requirements are available from OPEFM. Gas may be available in one lab.
- Storage cabinets built over counters will have glass doors.
- Labs must be free of barriers that would prevent access by the handicapped. Science laboratories shall have a minimum of at least one worktop set at a height to serve the physically handicapped.
- The lab shall be equipped with a fire extinguisher (ABC type), first aid kit, a shower/eye wash stations and a fire blanket.
- Interactive white boards



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BUILT-IN EQUIPMENT – Chemistry:

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

BUILT-IN EQUIPMENT – Classrooms:

F1	Teacher demonstration table with all utilities; The style and manufacturer is available through OPEFM	
F2	Marker board (8 LF)	101100
F3	Marker board with grid (8 LF)	101100
F4	Tack board (8-16 LF)	101100
F5	Manual projection screen	115213
F6	Soap dispenser	102800
F7	Towel dispenser	102800
F8	Casework:	
	Wardrobe	123200

BUILT-IN EQUIPMENT – Physics:

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

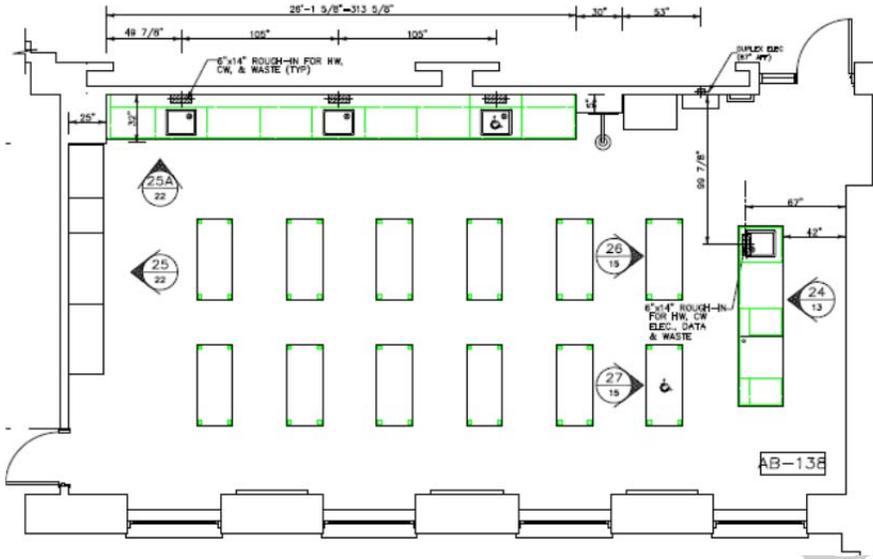
Communications for Lab and classrooms

T1	Video port, monitor, VCR, and brackets
T2	Voice port and phone
T4	Data port near teacher workstation
T6	Cable/MATV port
	Electronic white board

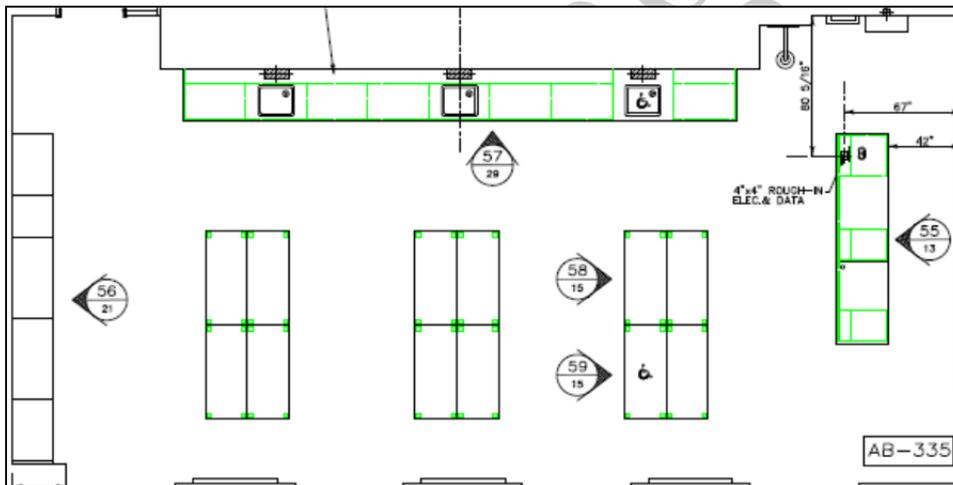


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Classroom (# of student sinks optional)



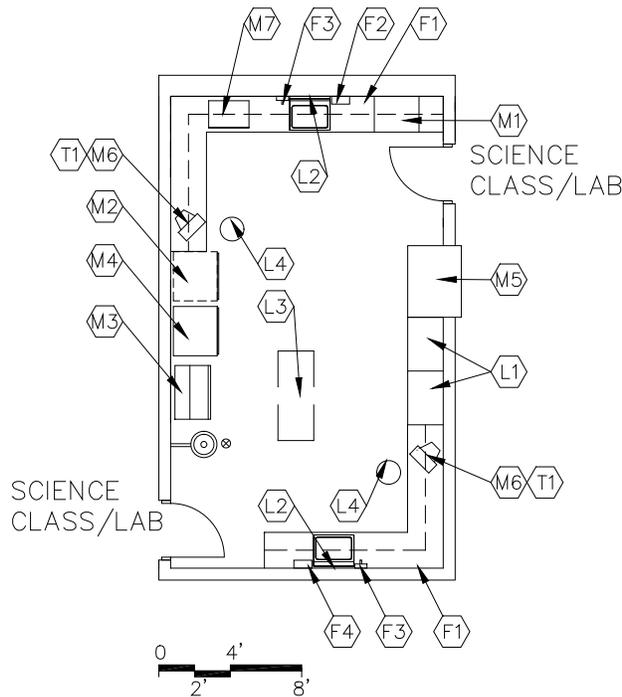
Labs (Example only - Layout TBD)





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SCIENCE PREP ROOM



CAPACITY:

- 1 or 2 staff members
- Student assistants

SIZE: 200 SF

ANCILLARY SPACES:

- Science Classroom/Lab

GOAL:

- To allow for lab preparation

PROGRAM ACTIVITIES:

- General lab preparation
- Store equipment
- Set up experiments

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

BUILT-IN EQUIPMENT

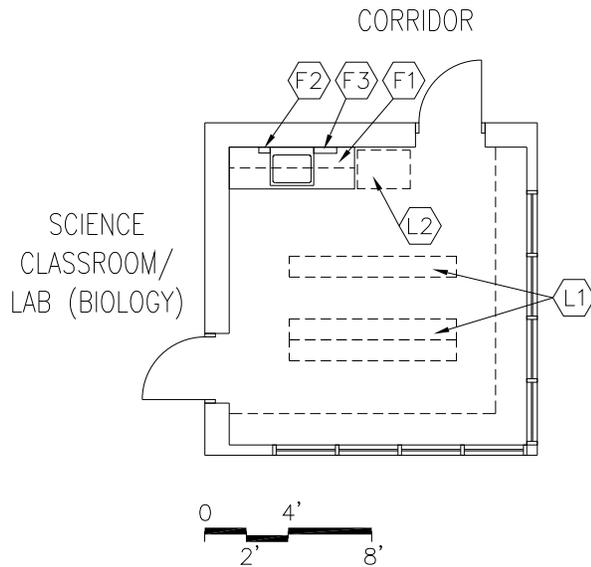
- All counter tops in the storage/ prep room shall be black epoxy resin.
- A lab preparation workspace shall be located along one wall of the storage/ prep room. This workspace shall be approximately 4 ft. wide and 15 ft. long.
- The lab preparation workspace requires a large sink with disposal unit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



GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF GENERAL SERVICES

GREENHOUSE

H-AC-8



CAPACITY:

- Staff
- Students

ANCILLARY SPACES:

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

GOAL:

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

PROGRAM ACTIVITIES:

- Biology
- Botany
- Horticulture
- Environmental source

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

Finishes¹:

Flooring:

Earth/pavers 033000

Base:

Resilient base 096519

Ceiling:

Glazed structure 133413

Walls:

Glazed structure 133413

Loose Furnishings:

- L1 Plant shelving
- L2 Chemical storage cabinet

Fixed Equipment:

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

Plumbing:

Div. 22

- Plumbing connections
- Floor drain
- Sink
- Hose bib

HVAC:

Div. 23

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

Electrical:

Div. 26

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

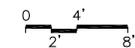
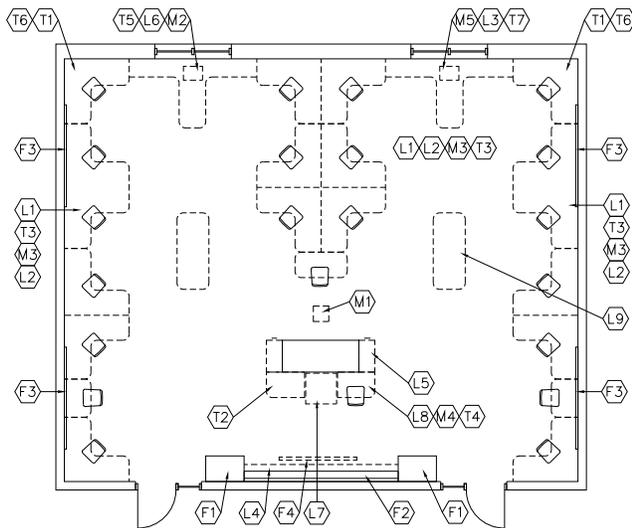
NOTES:

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



GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF GENERAL SERVICES

TECHNOLOGY CLASSROOMS



Three computer labs and one physic-like lab – actual room layout advised by school staff.

CAPACITY:

- 21-25 students
- Staff member
- Guest speakers/volunteers

GOALS:

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

PROGRAM ACTIVITIES:

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

ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY

- Provide a permanent 'teacher's center' with effective viewing and listening from all areas of the classroom; Assume a multi-media station with document reader.
- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability
- These rooms may have 21-25 computers and two networked printers for projects
- Interactive white boards



GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF GENERAL SERVICES

CTE Culinary Arts

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

Culinary Operations

Culinary Laboratory

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

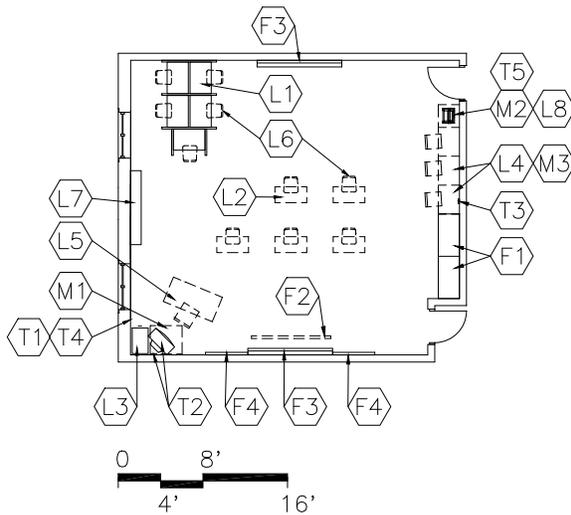
The existing equipment is in good condition and should be reviewed and refurbished as needed.

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

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



ALTERNATIVE ATTENDANCE CENTER



CAPACITY:

- 1 staff member
- Up to 10 students

SIZE:

- Varies

ANCILLARY SPACES:

N/A

GOAL:

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

PROGRAM ACTIVITIES:

- Individual class work

SPATIAL RELATIONSHIPS:

- Near Administrator's office
- Near Security Office

ENVIRONMENTAL CONSIDERATIONS:

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

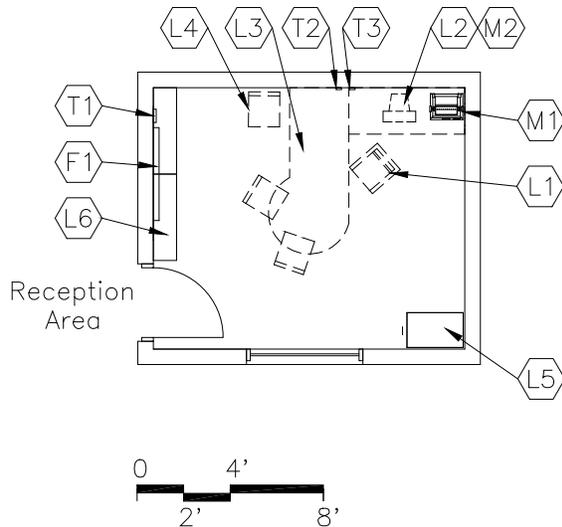
TECHNOLOGY AND BUILT-IN EQUIPMENT

- Same as regular classrooms



GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF GENERAL SERVICES

STUDENT SUPPORT PERSONNEL OFFICES



CAPACITY:

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

SIZE:

- 100-150 SF

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

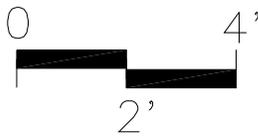
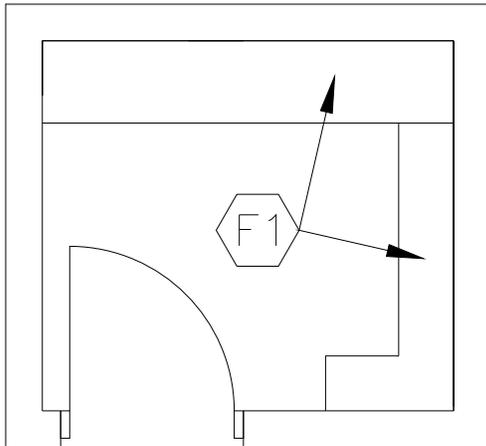
- Uniform lighting
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Windows to provide natural light, desirable
- Auditory privacy

TECHNOLOGY

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



STORAGE



CAPACITY:

- Staff

SIZE:

- Varies, see table

GOAL:

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

PROGRAM ACTIVITIES:

- Storing equipment and supplies

SPATIAL RELATIONSHIPS:

- Adjacent and access to Workroom

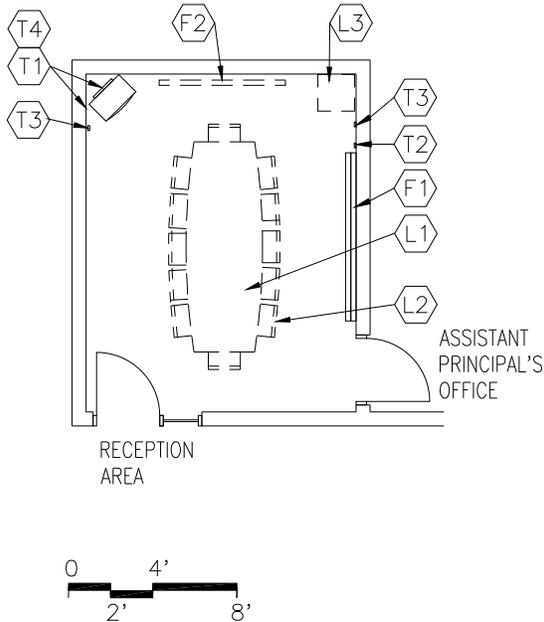
ENVIRONMENTAL CONSIDERATIONS:

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

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



CONFERENCE ROOM



CAPACITY:

- Staff
- Parents
- Students
- Visitors

SIZE:

- Varies, see table
-

GOAL:

- To provide a place for administrative conferences or meetings

PROGRAM ACTIVITIES:

- Conferencing with staff, students, parents, and visitors

SPATIAL RELATIONSHIPS:

- Adjacent and access to Workroom

ENVIRONMENTAL CONSIDERATIONS:

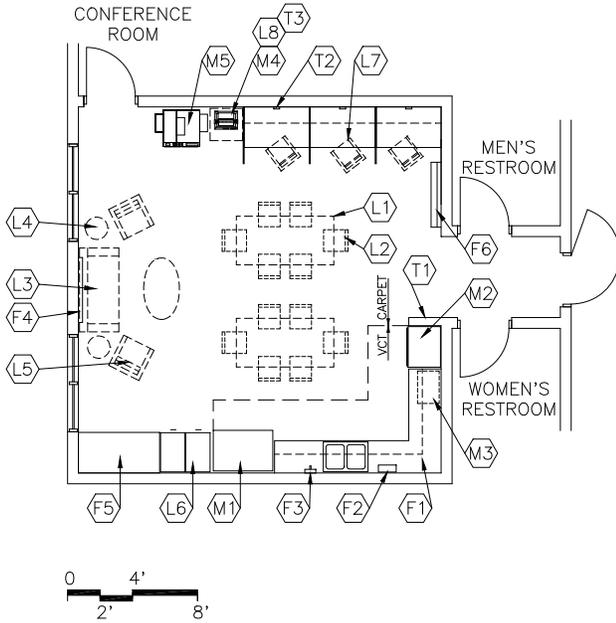
- Uniform lighting
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35
- Electrical outlets for equipment
- Auditory privacy
- Windows to provide natural light, desirable
- Window treatment to darken room for AV presentation

TECHNOLOGY

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



TEACHERS' WORKROOM



CAPACITY:

- 16 teachers

SIZE:

- 400 SQ FT

ANCILLARY SPACES:

- Teacher's Conference Room

GOAL:

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

Note: Networked printers will be located in the workrooms.

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY

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

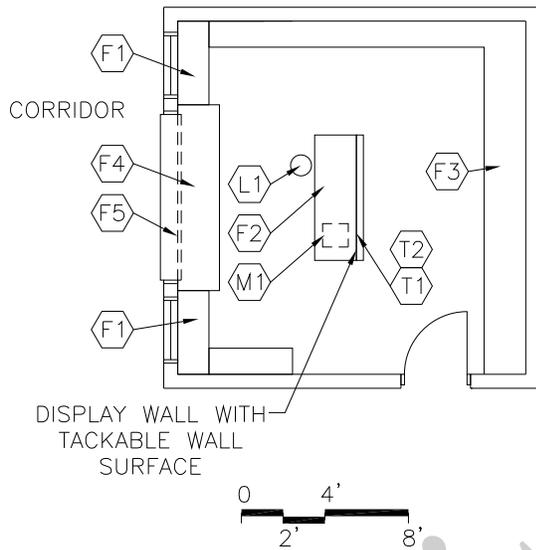
BUILT-IN EQUIPMENT:

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



SCHOOL STORE

H-AC-26



SPATIAL RELATIONSHIPS:

- Near Gymnasium
- Near Student Dining

ENVIRONMENTAL CONSIDERATIONS:

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

CAPACITY:

- 1 staff member
- 5-10 students

GOALS:

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

PROGRAM ACTIVITIES:

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

<u>Features¹:</u>	<u>Spec.</u>	<u>Ref.#</u>
Fixed Equipment:		
F1 Casework: Display cases for merchandise		123200
F2 Casework: Cash register stand		123200
F3 Casework: Locking cabinets for merchandise		123200
F4 Casework: Countertop with base cabinets below		123200
F5 Coiling counter door		083300

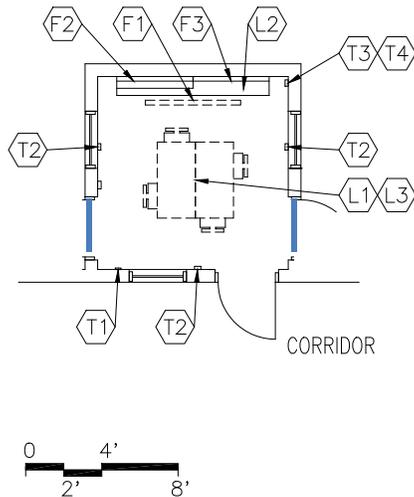
NOTES:

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



STUDENT GOVERNMENT OFFICE

H-AC-4



CAPACITY:

- 8-10 persons

SIZE:

- 200 SF

GOALS:

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

PROGRAM ACTIVITIES:

- Students working on projects
- Small group activities

SPATIAL RELATIONSHIPS:

- Locate centrally for good visual supervision
- Off main street

ENVIRONMENTAL CONSIDERATIONS:

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

Loose Furnishings:

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

Features¹:

Fixed Equipment:

		Spec. Ref.#
F1	Manual projection screen	115213
F2	Marker board (4 LF)	101100
F3	Tack board (4 LF)	101100

HVAC:

- Supply/return air system
- Independent temperature control

Div. 23

Electrical:

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

Div. 26

Communications²:

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

NOTES:

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



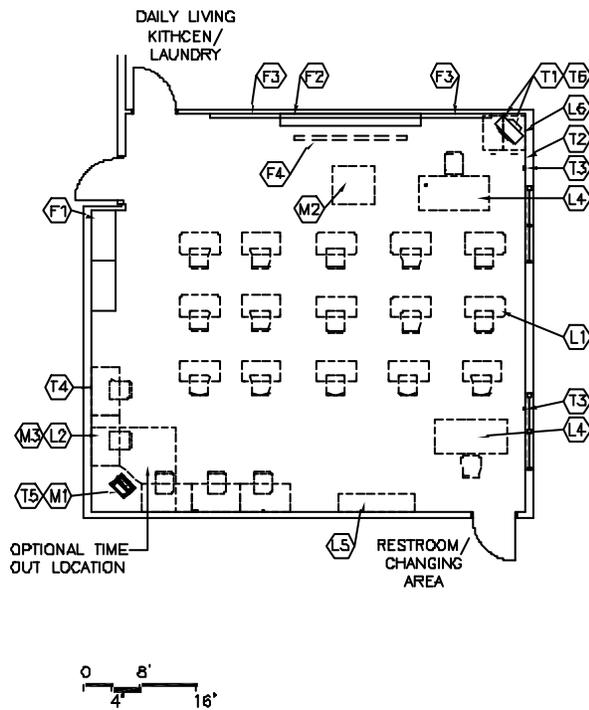
GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF GENERAL SERVICES

Special Education

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

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

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



CAPACITY:

- 2 or more staff
- 10 to 15 students

SIZE:

- 800 SF

GOAL:

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

PROGRAM ACTIVITIES:

- Small group work
- Independent work
- Individual instruction

SPATIAL RELATIONSHIPS:

- Near bus loading and unloading
- Near elevator (if appropriate)
- Located on the ground floor for emergency evacuations
- Accessible ingress/egress to the building and classroom
- Adjacent and access to Restroom with Changing Area (H-AC-20)
- Adjacent and access to Daily Living Kitchen (H-AC-21)

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

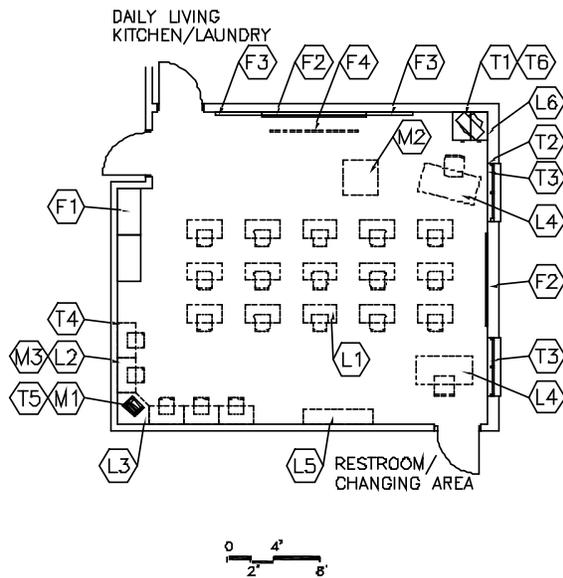
1. Loose furnishings and features shown represent one of many possible arrangements.

LEARNING CENTER CLASSROOM

	Spec. Ref.#		Spec. Ref.#
<u>Finishes¹:</u>		<u>Features¹:</u>	
Flooring:		Fixed Equipment:	
Resilient tile flooring	096519	F1 Casework:	
		Tall cabinets	123200
Base:		F2 Marker board (16 LF)	101100
Resilient base	096519	F3 Tack board (8 LF)	101100
		F4 Manual projection screen	115213
Ceiling: (9' high minimum)			
Suspended, acoustical	095113	<u>Fire Suppression:</u>	Div. 21
		Fire suppression system	
Walls:			
Painted concrete masonry units	042000 / 099123	<u>Plumbing:</u>	
		N/A	
<u>Loose Furnishings:</u>		<u>HVAC:</u>	Div. 23
L1 15 Student desks/tables		Supply/return air system	
L2 5 Computer workstations		Independent temperature control	
L3 Printer table			
L4 2 teacher desk and chair		<u>Electrical:</u>	Div. 26
L5 Adjustable height bookshelves (24 LF)		Fluorescent lighting	
L6 2, 4-drawer file cabinets		Illumination level: See Table 7600-16	
Wastebasket		Multilevel switching	
		Duplex receptacles	
<u>Communications²:</u>	Div. 27	TVSS protected quad receptacle adjacent to each data and video ports	
T1 1 video port, monitor, VCR, and brackets		Central sound system	
T2 1 voice port and phone		Clock	
T3 1 data port near each teacher workstation			
T4 5 data ports (minimum) for student use		<u>Electronic Safety and Security:</u>	Div. 28
T5 1 data port for printer		Life safety devices per code	
T6 Cable/MATV port			
<u>Miscellaneous:</u>			
M1 Printer			
M2 Multimedia cart with overhead projector, computer projector, and multimedia teacher computer			
M3 5 computers for student use			

NOTES:

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



CAPACITY:

- 2 or more staff
- 10 to 15 students

SIZE:

- 800-900 SF

ANCILLARY SPACES:

- Restroom (H-AC-20)

GOAL:

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

PROGRAM ACTIVITIES:

- Small group work
- Independent work
- Individual instruction

SPATIAL RELATIONSHIPS:

- Near bus loading and unloading
- Near elevator (if appropriate)
- Located on the ground floor for emergency evacuations
- Accessible ingress/egress to the building and classroom
- Adjacent and access to Restroom
- Adjacent and access to Daily Living Kitchen Laundry (H-AC-19)
- Located and integrated within the Academic Core Areas

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

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

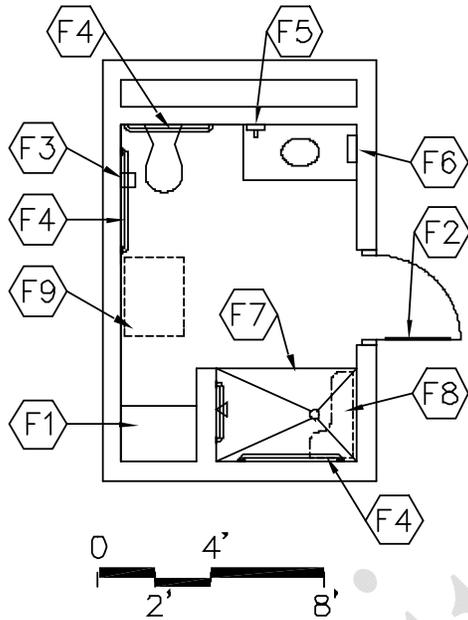
SELF-CONTAINED CLASSROOM

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

NOTES:

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

RESTROOM WITH CHANGING AREA (Autism)
H-AC-20



CAPACITY:

- Students
- Staff

SIZE:

- 100 SF

ANCILLARY SPACES:

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

GOALS:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

- Adjacent and access to Self-Contained Classroom

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

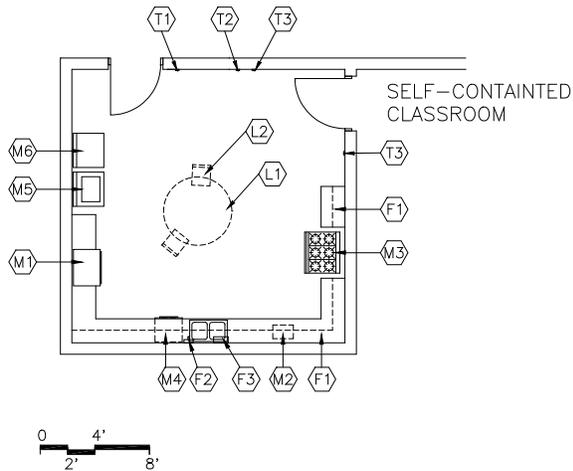
1. Loose furnishings and features shown represent one of the many possible arrangements.

RESTROOM WITH CHANGING AREA

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
<u>Flooring:</u>		<u>Fixed Equipment:</u>	
Ceramic tile	093000	F1 Casework:	
		Tall cabinet	123200
<u>Base:</u>		F2 24" x 60" mirror	102800
Ceramic mosaic tile base	093013	F3 Toilet tissue holder	102800
		F4 36" and 42" grab bars	102800
<u>Ceiling:</u>		F5 Soap dispenser	102800
Restroom: Suspended, acoustical	095113	F6 Towel dispenser	102800
Shower: Painted portland cement plaster	092400 / 099123	F7 Shower curtain and rod	102800
		F8 Fold-down seat in shower	102800
		F9 Flip-down changing table	102800
<u>Walls:</u>			
Restroom: Epoxy painted concrete masonry units	042000 / 099123	<u>Fire Suppression:</u>	Div. 21
Shower: Ceramic tile	093013	Fire suppression system	
<u>Loose Furnishings:</u>		<u>Plumbing:</u>	Div. 22
Wastebasket		Wall-mounted water closet	
		Wall-mounted lavatory	
		ADA shower controls and head	
		Floor drains for shower and restroom	
		Plumbing connections	
		<u>HVAC:</u>	Div. 23
		Exhaust air system	
		Supplemental heat as required	
		<u>Electrical:</u>	Div. 26
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Duplex receptacle	
		Central sound system	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

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



CAPACITY:

- Faculty and staff
- 1-4 students

SIZE:

- 400 SF

ANCILLARY SPACES:

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

GOAL:

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

PROGRAM ACTIVITIES:

- Food preparation and clean up
- Washing and drying garments

SPATIAL RELATIONSHIPS:

- Adjacent and access to one of the Self-contained Classrooms
- Central to classrooms
- Accessible from main corridor

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

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

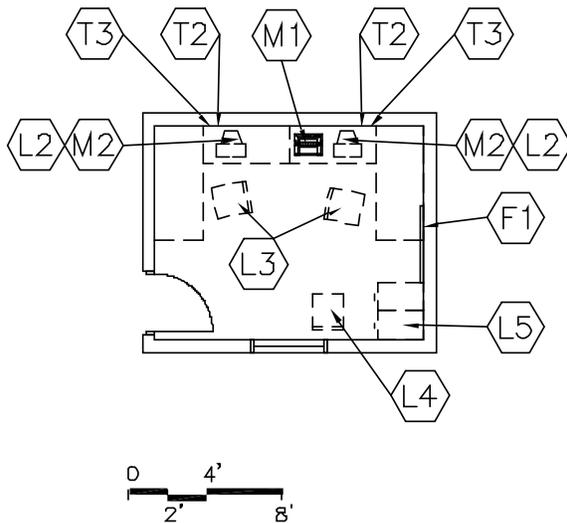
Working Draft

DAILY LIVING KITCHEN

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Spec. Ref.#</u>
<u>Flooring:</u> Vinyl composition tile	096519	<u>Fire Suppression:</u> Fire suppression system Div. 21
<u>Base:</u> Resilient base	096519	<u>Plumbing:</u> Div. 22 Connections to food service equipment Connections to laundry equipment Connections to refrigerator ice maker Plumbing and gas connections with master shut off Sink
<u>Ceiling:</u> Cleanable, suspended, acoustical	095113	
<u>Walls:</u> Painted concrete masonry units 042000 / 099123		
<u>Loose Furnishings:</u> L1 1 round table L2 2 chairs Wastebasket Spec.		<u>HVAC:</u> Div. 23 Supply/return air system Independent temperature control Kitchen canopy exhaust system Exhaust vent for dryer
<u>Features^{1,2}:</u>		<u>Electrical:</u> Div. 26 Single-level switching Fluorescent lighting Illumination level: See Table 7600-16 Central sound system Duplex receptacles for appliances and equipment Connections to food service Equipment Clock Central sound system TVSS protected quad receptacle adjacent to each data port and video port
<u>Fixed Equipment:</u> F1 Casework (all handicap accessible): Base/wall cabinets 123200 F2 Soap dispenser 102800 F3 Towel dispenser 102800		
<u>Miscellaneous:</u> M1 Refrigerator with ice maker M2 Microwave M3 Range with oven M4 Dishwasher M5 Washer M6 Dryer		<u>Communications³:</u> Div. 27 T1 1 voice port and phone T2 1 cable/MATV port T3 2 data ports
		<u>Electronic Safety and Security:</u> Div. 28 Life safety devices per code

NOTES:

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



CAPACITY:

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

SIZE:

- 150 SF

ANCILLARY SPACES:

N/A

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

- Located within Core Academic Area
- Adjacent to Special Education Self-Contained Classroom

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

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

OFFICE

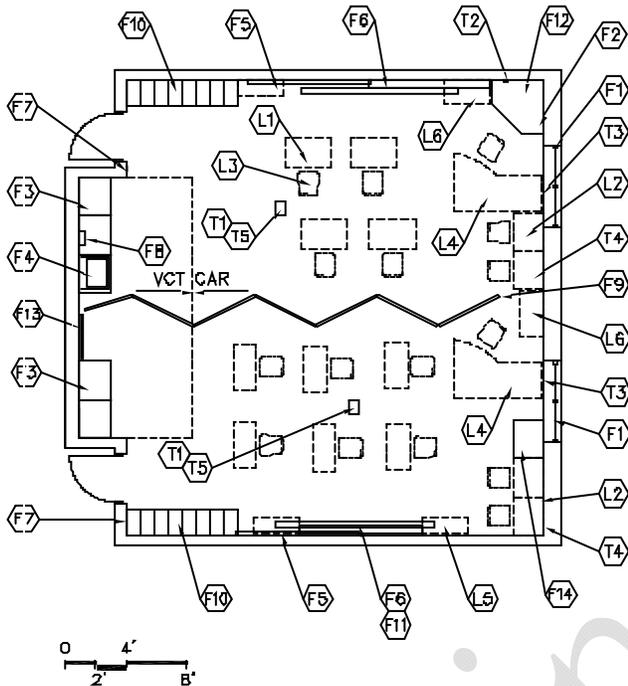
<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
<u>Flooring:</u> Resilient tile flooring	096519	<u>Fixed Equipment:</u> F1 Tack board (4 LF) 101100	
<u>Base:</u> Resilient base	096519	<u>Fire Suppression:</u> Fire suppression system	Div. 21
<u>Ceiling:</u> Suspended, acoustical	095113	<u>Plumbing:</u> N/A	
<u>Walls:</u> Painted concrete masonry units 042000 / 099123		<u>HVAC:</u> Div. 23 Supply/return air system Independent temperature control	
<u>Loose Furnishings:</u> L1 Ergonomic task chair L2 Computer workstation L3 Ergonomic task chair L4 Guest chair L5 2, four-drawer locking file cabinet Wastebasket		<u>Electrical:</u> Fluorescent lighting: Illumination level: See Table 7600-16 Multilevel switching Duplex receptacles TVSS protected quad receptacles adjacent to each data and video port Central sound system Clock	Div. 26
		<u>Communications²:</u> T1 1 cable/MATV port T2 1 voice port and phone T3 1 data port at workstation	Div. 27
		<u>Electronic Safety and Security:</u> Life safety devices per code	Div. 28
		<u>Miscellaneous:</u> M1 Printer M2 Computer	

NOTES:

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

Refer to the Educational Specifications — Technology, Section 1240.

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



SIZE:
• 800 SF

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

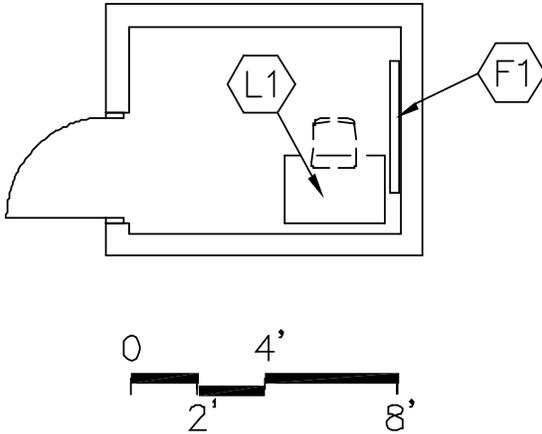
1. Loose furnishings shown represent one of many possible arrangements.

SPECIAL EDUCATION / RESOURCE

<u>FINISHES¹:</u>		Spec. Ref.#	<u>FEATURES¹:</u>		Spec.
<u>Flooring:</u>			<u>Fixed Items:</u>		
Combination carpet		096816	F1	Windows with integral blinds	085116
with resilient options		096500	F2	3' of tall wardrobe with file drawers	123200
Option: All vinyl composition tile		096517	F3	8'-12' of base cabinets	123200
VCTT, VET, sheet vinyl, or linoleum		096516	F4	3' sink base cabinet	123200
			F5	10'-16' of chalk/marker board	101100
			F6	10'-16' of tack board	101100
				or tackable wall surface or combination	
<u>Base:</u>			F7	Pencil sharpener support	062023
Resilient base		096519	F8	Towel dispenser (optional)	102800
			F9	Operable partition (optional)	102226
<u>Ceiling:</u>			F10	Open casework coats and personal	
Suspended, acoustical		095113		storage w/wall cabinets above	123200
			F11	Projection screen (optional)	115213
<u>Walls:</u>			F12	Technology support casework	123200
Painted concrete masonry units		042000 / 099123	F13	Mirror (optional)	102800
			F14	Mobile storage cabinet (optional)	123200
<u>LOOSE FURNISHINGS:</u>			<u>Fire Suppression:</u>		Div. 21
L1	Student desks/tables			Fire suppression system	
L2	Computer workstation furniture		<u>Plumbing:</u>	Div. 22	
L3	Student chairs			Sink	
L4	Teacher desk / computer support and chair			Plumbing connections	
L5	Mobile bookcases or storage unit		<u>HVAC:</u>	Div. 23	
L6	File cabinet			Supply/return air system	
	Wastebasket			Independent temperature ctrl	
	Pencil sharpener		<u>Electrical:</u>	Div. 26	
				Fluorescent lighting	
				Illumination level: See Table 7600-16	
				Multilevel switching	
				4 duplex receptacles	
				Double duplex receptacle adjacent to each data and video port	
			<u>Communications:</u>		Div. 27
			T1	1 video port	
			T2	1 voice port and phone	
			T3	1 data port	
				near each teacher workstation	
			T4	4 data ports (min.) for student use	
				Clock	
				<i>Sound reinforcement system</i>	
				Central sound system	
			T5	<i>Overhead projector</i>	
			<u>Electronic Safety and Security:</u>		Div. 28
				Life safety devices per code	

NOTES:

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



PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

- Close proximity to RISE classrooms

ENVIRONMENTAL CONSIDERATIONS:

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

CAPACITY:

- 1-2 persons

SIZE:

- 200 SF

ANCILLARY SPACES:

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

NOTES:

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

QUIET ROOM

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

NOTES:

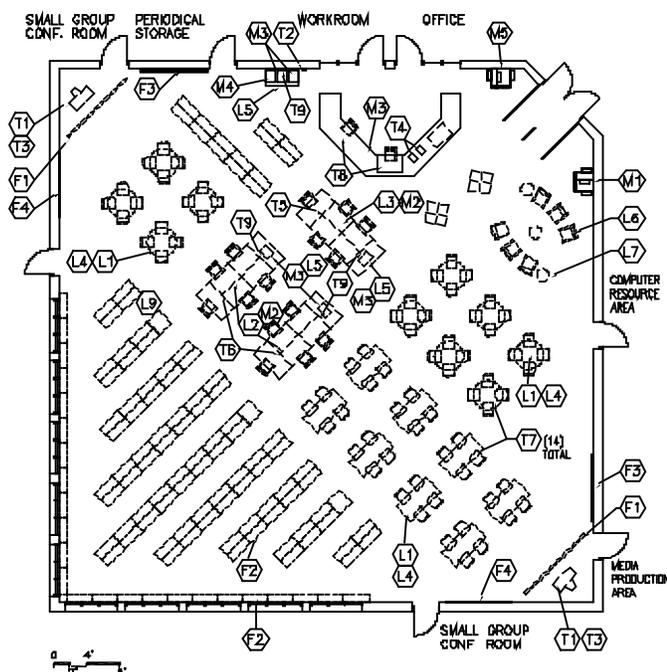
1. Finishes/Features: Refer to Chapter 8 for specification references.

Media Center Space Requirements

Space	Design Guideline			Comments
	Qty.	S.F.	Total	
Reading, Learning, Circulation & Computer research	1	2,000	2,000	
Office	1	150	150	
Workroom	1	250	250	
Equipment Storage	1	100/250	350	
Media Production/recording	1	800	800	Location TBD
Total			3,550	

READING / STACKS / CIRCULATION

H-MC-1



CAPACITY:

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

ANCILLARY SPACES:

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

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

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

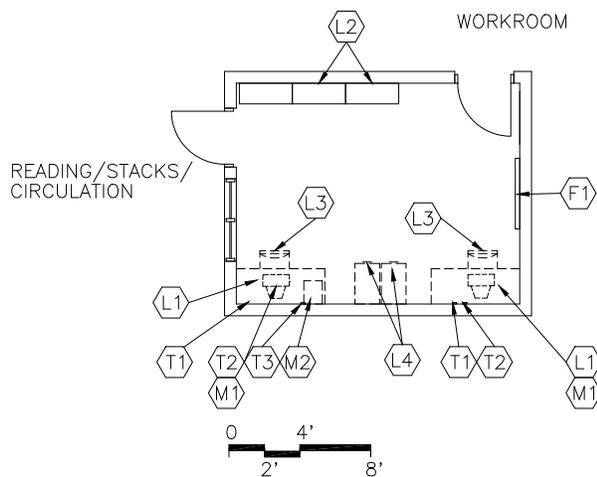
READING / STACKS / CIRCULATION

H-MC-1

	Spec. Ref.#		Spec. Ref.#
<u>Finishes¹:</u>		<u>Features¹:</u>	
<u>Flooring:</u>		<u>Fixed Equipment:</u>	
Carpet	096816	F1 Motorized projection screen	115213
		F2 Library casework:	123550
		Varied sizes and	
		Configurations	
		Specialized multimedia storage	
<u>Base:</u>		F3 Marker board	101100
Resilient base	096519	F4 Tack board (32 LF)	101100
<u>Ceiling:</u>			
Suspended, acoustical ²	095113		
<u>Walls:</u>		<u>Fire Suppression:</u>	Div. 21
Painted concrete masonry units		Fire suppression system	
	042000 / 099123		
<u>Loose Furnishings:</u>		<u>Plumbing:</u>	
L1 15 four person tables and chairs		N/A	
L2 10 seated reference stations			
L3 5 automated card catalog stations		<u>HVAC:</u>	Div. 23
L4 80 chairs		Supply/return air system	
L5 5 printer tables		Independent temperature control	
L6 6 lounge chairs			
L7 3 end tables		<u>Electrical:</u>	Div. 26
L8 Map and dictionary stands		Recessed data/voice floor outlets	
Wastebasket		Duplex receptacles	
		TVSS protected quad receptacle	
<u>Communications³:</u>	Div. 27	Adjacent to each video and	
T1 2 video port, monitor, VCR,		data port	
and brackets		Multilevel switching	
T2 Voice ports and phones		Recessed floor outlets	
T3 2 cable/MATV port		Fluorescent lighting:	
T4 2 bar code readers		Illumination level: See Table 7600-16	
T5 5 data ports for automated		Security system	
card catalog		Clock	
T6 10 data ports for reference		Central sound system	
T7 14 data ports for student use			
T8 2 data ports at circulation desk		<u>Electronic Safety and Security:</u>	Div. 28
T9 4 data ports for printers		Life safety devices per code	
<u>Miscellaneous:</u>			
M1 Coin/magnetic card copier			
M2 15 computers – student use			
M3 5 printers			
M4 Color capable scanner			
M5 Copier			

NOTES:

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

**CAPACITY:**

- Media Specialist
- Technology Aide

SIZE:

- Varies, see table

ANCILLARY SPACES:

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

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

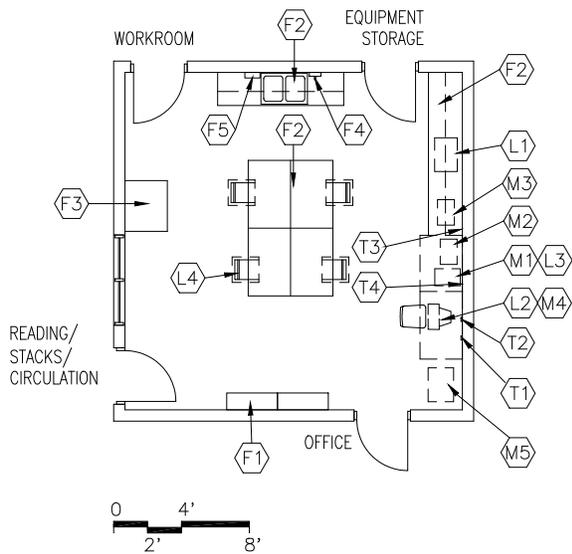
1. Loose furnishings and features shown represent one of many possible arrangements.

**OFFICE
H-MC-4**

Spec. <u>Finishes¹:</u>	<u>Ref.#</u>	<u>Features¹:</u>	Spec. <u>Ref.#</u>
Flooring: Resilient tile flooring	096519	Fixed Equipment: F1 Tack board (4 LF)	101100
Base: Resilient base	096519	<u>Fire Suppression:</u> Fire suppression system	Div. 21
Ceiling: Suspended, acoustical	095113	<u>Plumbing:</u> N/A	
Walls: Painted concrete masonry units 042000 / 099123		<u>HVAC:</u> Supply/return air system Independent temperature control	Div. 23
<u>Loose Furnishings:</u> L1 Computer workstation furniture L2 Adjustable height bookshelves (24 LF) L3 Ergonomic task chairs L4 2, four-drawer file cabinets Wastebasket		<u>Electrical:</u> Duplex receptacles TVSS protected quad receptacle adjacent to data port Single-level switching Fluorescent lighting Illumination level: See Table 7600-16 Clock Central sound system	Div. 26
		<u>Communications²:</u> T1 2 voice ports and phones T2 2 data ports T3 Data port for printer	Div. 27
		<u>Electronic Safety and Security:</u> Life safety devices per code	Div. 28
		<u>Miscellaneous:</u> M1 Computer M2 Printer	

NOTES:

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



GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

CAPACITY:

- Media specialist

SIZE:

- Varies, see table

ANCILLARY SPACES:

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

NOTES:

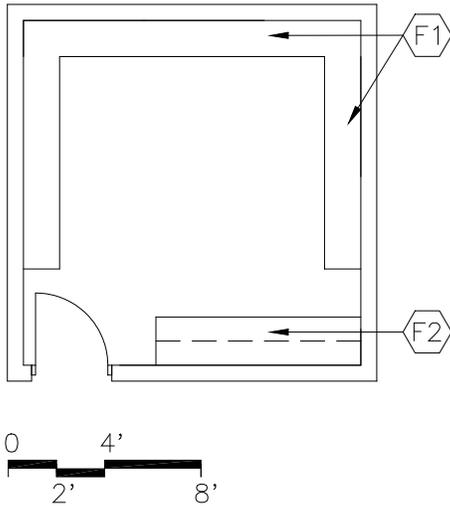
1. Loose furnishings and features shown represent one of many possible arrangements.

**WORKROOM
H-MC-5**

Spec. <u>Finishes¹:</u>	<u>Ref.#</u>	<u>Features¹:</u>	Spec. <u>Ref.#</u>
Flooring: Resilient tile flooring	096519	Fixed Equipment: F1 Storage shelving: videotapes	105613
Base: Resilient base	096519	F2 Casework: Base/wall cabinets	123200
Ceiling: Suspended, acoustical	095113	F3 Casework: Tall storage	123200
Walls: Painted concrete masonry units	042000 / 099123	F4 Soap dispenser	102800
		F5 Towel dispenser	102800
<u>Loose Furnishings:</u>		<u>Fire Suppression:</u>	Div. 21
L1 Paper cutter		Fire suppression system	
L2 Computer workstation furniture		<u>Plumbing:</u>	Div. 22
L3 Equipment table		Plumbing connections	
L4 Chairs		Sink	
Wastebasket		<u>HVAC:</u>	Div. 23
<u>Miscellaneous:</u>		Supply/return air system	
M1 Fax		Independent temperature control	
M2 Printer		<u>Electrical:</u>	Div. 26
M3 Scanner		Duplex receptacles	
M4 Computer		TVSS protected quad receptacle adjacent to data port	
M5 Video distribution equipment		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		<u>Communications²:</u>	Div. 27
		T1 Voice port and phone	
		T2 Data port near workstation	
		T3 Data port for printer and scanner	
		T4 Fax port	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

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



GOAL:

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

PROGRAM ACTIVITY:

- Storage of equipment and materials

SPATIAL RELATIONSHIP:

- Adjacent and access to Workroom

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate ventilation
- Security of room

CAPACITY:

N/A

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Workroom (H-MC-5)

NOTES:

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

EQUIPMENT STORAGE
H-MC-8

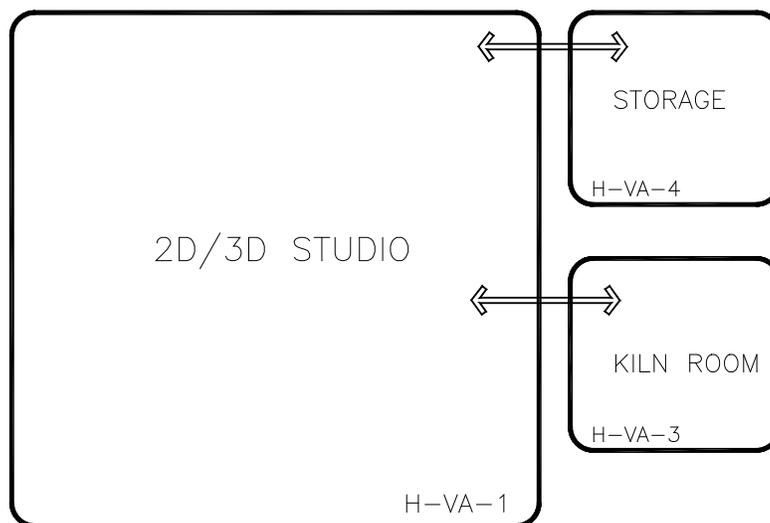
Spec. <u>Finishes¹:</u>	<u>Ref.#</u>	<u>Features¹:</u>	Spec. <u>Ref.#</u>
Flooring:		<u>Fixed Equipment:</u>	
Resilient tile flooring	096519	F1 Storage shelving	105613
		F2 Casework:	123200
		Base/wall cabinets	
Base:			
Resilient base	096519		
Ceiling:		<u>Fire Suppression:</u>	Div. 21
Suspended, acoustical	095113	Fire suppression system	
Walls:		<u>Plumbing:</u>	
Painted concrete masonry units	042000 / 099123	N/A	
		<u>HVAC:</u>	Div. 23
<u>Loose Furnishings:</u>		Supply/return air system	
N/A			
		<u>Electrical:</u>	Div. 26
		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Security system	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	
		N/A	
		<u>Miscellaneous:</u>	
		N/A	

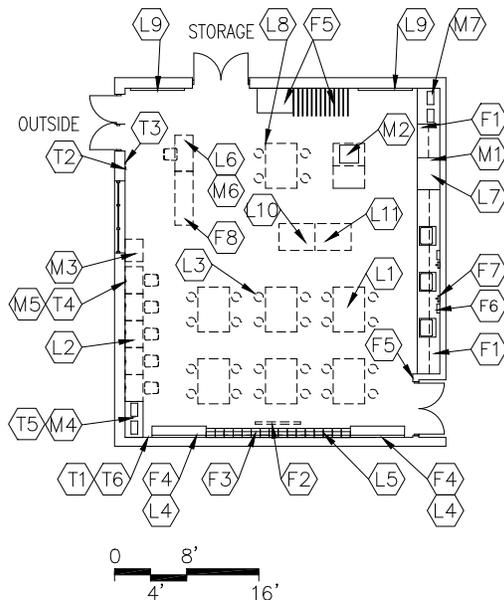
NOTES:

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

Visual Arts Space Requirements

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



**CAPACITY:**

- 21 students
- 1 teacher

ANCILLARY SPACES:

- Storage

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY

- See regular classroom

BUILT-IN EQUIPMENT

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

NOTES:

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

2-D/3D STUDIO

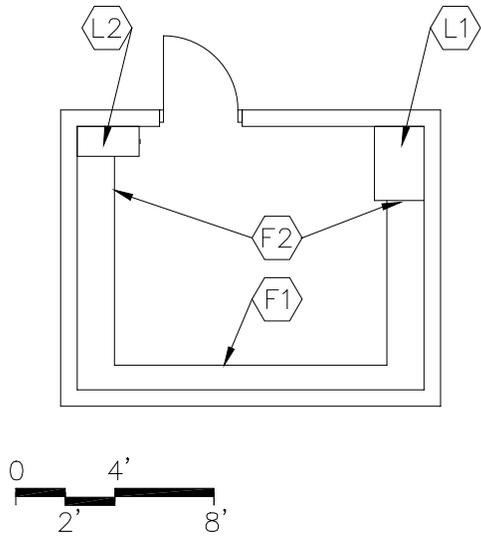
H-VA-1

		Spec. Ref.#			Spec. Ref.#
<u>Finishes¹:</u>			<u>Fire Suppression:</u>		
Flooring:			Fire suppression system		Div. 21
	Resilient tile flooring	096519	<u>Plumbing:</u>		Div. 22
Base:			Plumbing connections		
	Resilient base	096519	Large, deep sinks		
Ceiling: (12' high minimum to deck)			Services for air compressor		
	Exposed structure, painted	099123	<u>HVAC:</u>		Div. 23
Walls:			Supply/return air system		
	Painted concrete masonry units	042000 / 099123	Independent temperature control		
	Tackable wall surface	101100	Exhaust for hood		
<u>Loose Furnishings:</u>			<u>Electrical:</u>		Div. 26
L1	6 worktables		Fluorescent lighting		
L2	Computer workstations		Illumination level: See table 7600-16		
L3	24 stools		Movable track lighting		
L4	Adjustable height bookshelves (24 LF)		Multilevel switching		
L5	Project storage lockers (10" x 15" x 20")		Duplex receptacles		
L6	Teacher desk and chair		3 per primary teaching wall		
L7	Spray booth with exhaust		2 per other walls		
L8	Additional worktable and stools		TVSS protected quad receptacle adjacent to each data and video ports		
L9	Movable art display panels to be used for art room and other areas of the school		Central sound system		
L10	Light table		Clock		
L11	Worktable		<u>Communications²:</u>		Div. 27
	Large trash bins with lids		T1	1 video and voice port	
	Recycling bins		T3	1 data port near teacher workstation	
<u>Features¹:</u>			T4	5 data ports (minimum) for student use	
Fixed Equipment:			T5	1 data ports for printer	
F1	Casework:		T6	Cable/MATV port	
	Base/wall cabinets and shelving	123200		Video projector	
F2	Manual projection screen	115213	<u>Electronic Safety and Security:</u>		Div. 28
F3	Marker board/Chalk board (16 LF)	101100	Life safety devices per code		
F4	Tack board (12 LF)	101100	<u>Miscellaneous:</u>		
F5	Casework:	123200	M1	Compressor for air brush and spray painting	
	Paper storage		M2	Projection device on cart	Div. 27
	Vertical files (30" x 40" work)		M3	TV/VCR on cart	Div. 27
F6	Towel dispenser	102800	M4	2 printers	
F7	Soap dispenser	102800	M5	5 computers for student use	
F8	Casework:		M6	1 computer for teacher use	
	Demonstration table	123200		Drawing boards, art easels	
				Mat cutter, paper cutter	
			M7	Countertop exhaust hood	

NOTES:

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

STORAGE H-VA-4



GOAL:

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

PROGRAM ACTIVITIES:

- Storage of equipment, supplies, and projects

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

CAPACITY:

- Teachers
- Students

SIZE:

- 150 SF

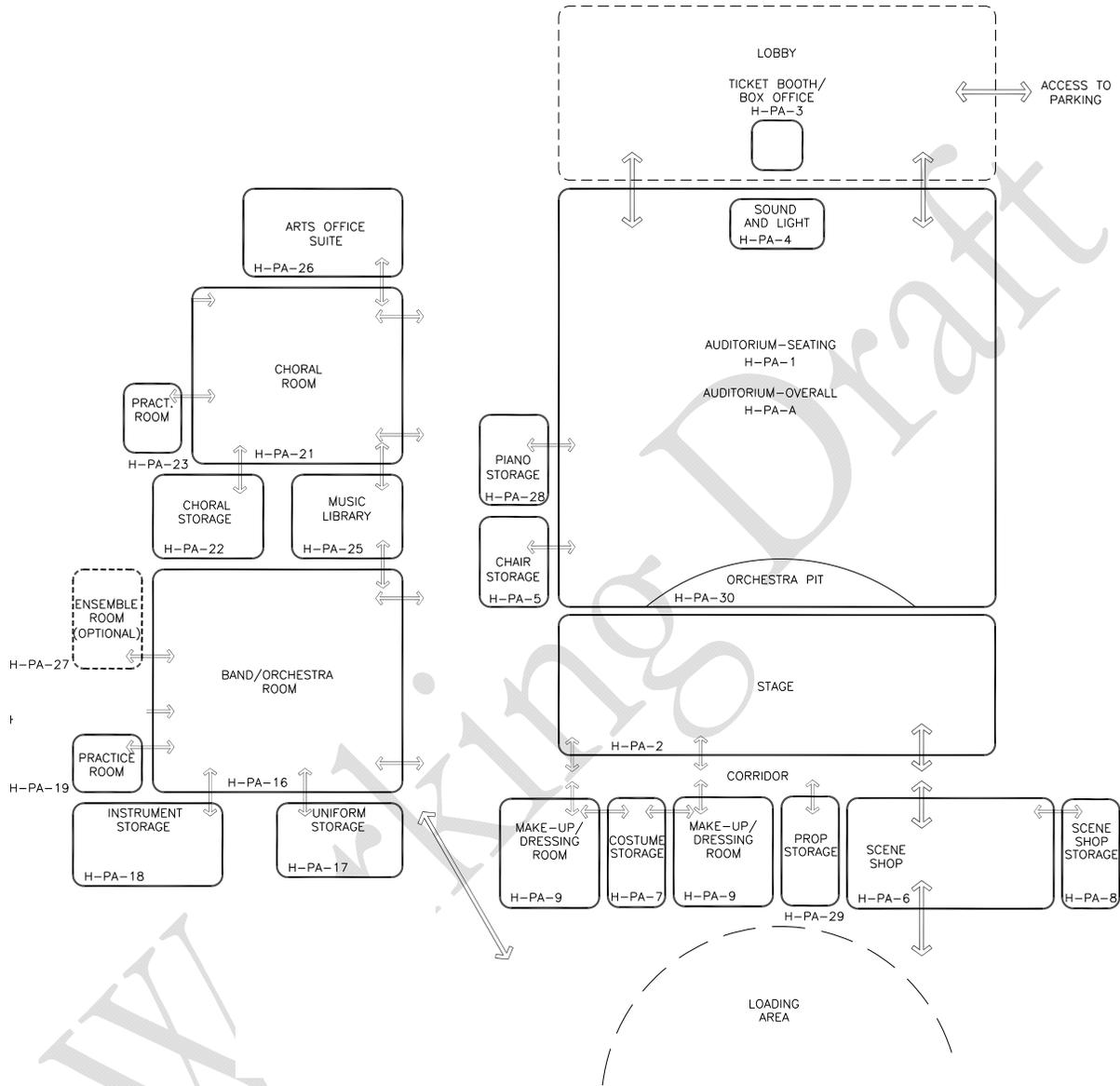
ANCILLARY SPACES:

- 2-D Studio
- 3-D Studio

Performing Arts Space Requirements

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

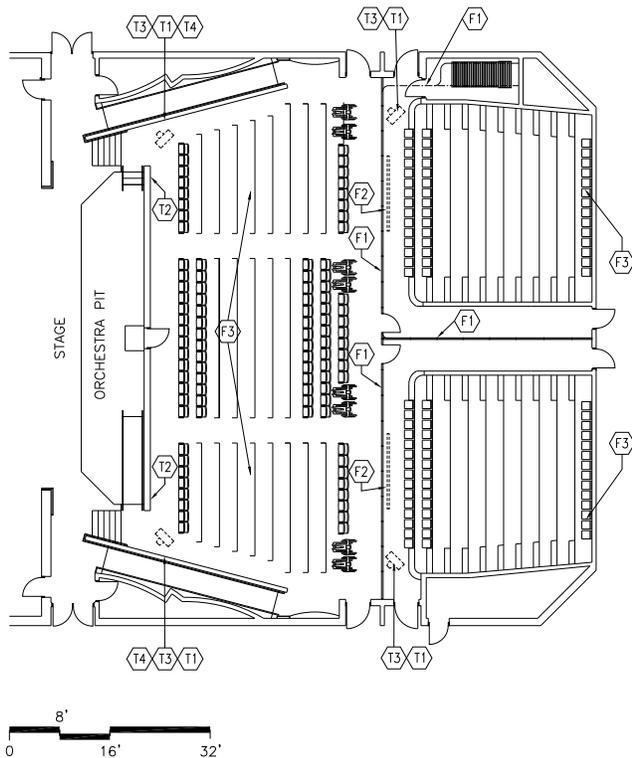
PERFORMING ARTS



NOTE:

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

AUDITORIUM



CAPACITY:

- Students
- Teachers
- Community

SIZE:

- Varies

ANCILLARY SPACES:

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

ENVIRONMENTAL CONSIDERATIONS:

- Optimize sound qualities

GOAL:

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

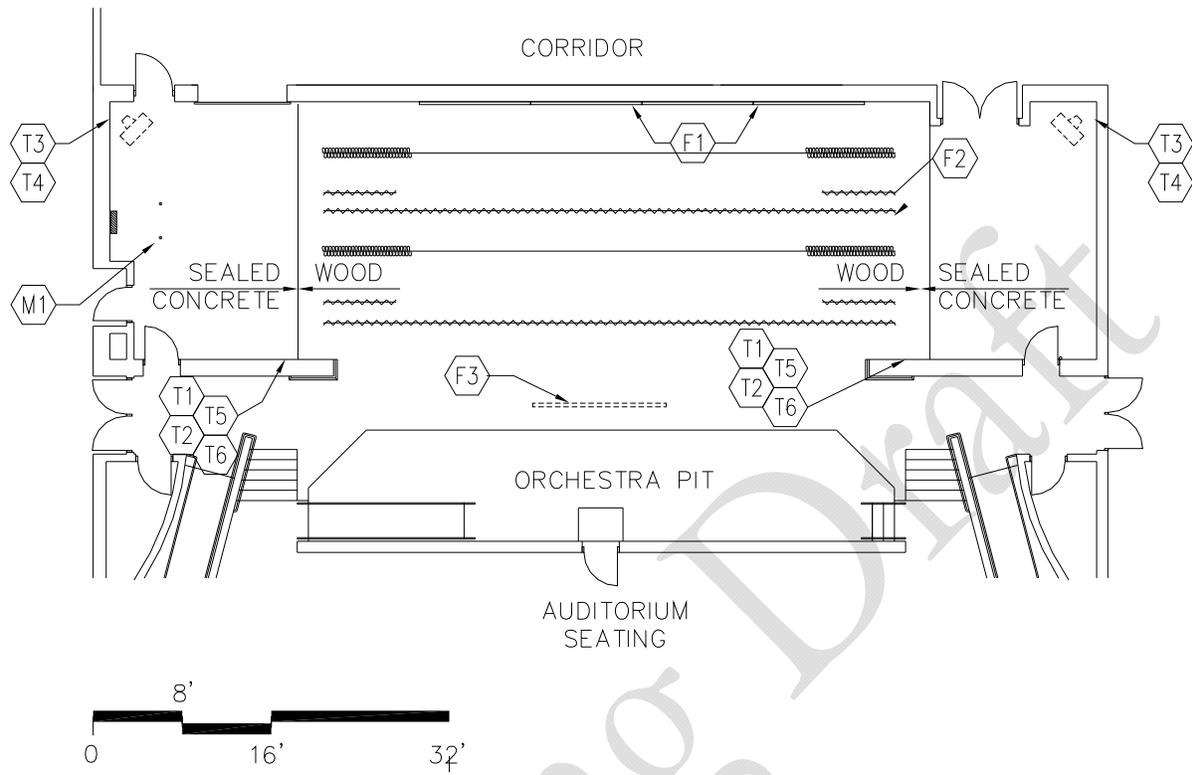
PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

STAGE



CAPACITY:

- Students
- Teachers
- Parents/Volunteers
- Members of the community
- Traveling productions

SIZE:

- Varies

ANCILLARY SPACES:

- Scene Shop
- Costume/Prop room
- Make Up/Dressing Room

GOAL:

- To provide space for student performances

PROGRAM ACTIVITIES:

- Theatrical/musical performances
- Student assemblies and award programs
- Traveling productions
- Community use

SPATIAL RELATIONSHIPS:

- Locate adjacent to other Performance Support Areas
- Near public restrooms
- Near visitor parking
- Corridor access at rear of stage

ENVIRONMENTAL CONSIDERATIONS:

- Environmental sound control
Wall minimum: STC 56
Roof minimum: STC 45
- Possible operable partition between Stage and Auditorium Seating

NOTES:

1. Design Professional and/or theatre/acoustical consultant shall confirm auditorium finishes/features and performance criteria with District of Columbia Public School's Performing Arts personnel.

STAGE (con.)

Finishes:

Flooring:

Wood flooring

Ceiling:

Painted exposed structure

Walls:

Painted concrete masonry units

Loose Furnishings

Upright piano

Mobile folding risers

Podium

Orchestra shell (optional)

Communications

3 data ports on stage

one in center of stage apron

Voice port and telephone

Cable/MATV port

Video port, monitor, VCR,

And bracket

Microphone port

Jacks for sound system

in apron at front of stage

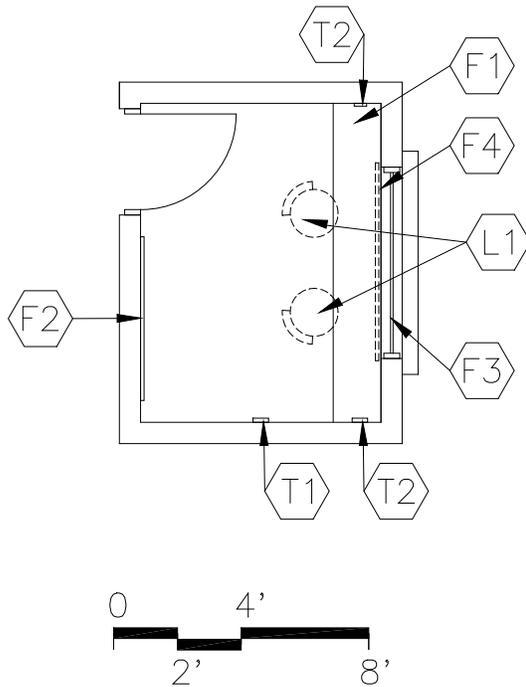
Fixed Equipment:

F1 Mirrors

F2 Theater and stage equipment

F3 Motorized projection screen

TICKET BOOTH/BOX OFFICE



CAPACITY:

- Ticket Sellers

SIZE:

- 75 SF

ANCILLARY SPACES:

- TBD

GOAL:

- To provide a space for ticket sales

PROGRAM ACTIVITY:

- Selling tickets

SPATIAL RELATIONSHIPS:

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

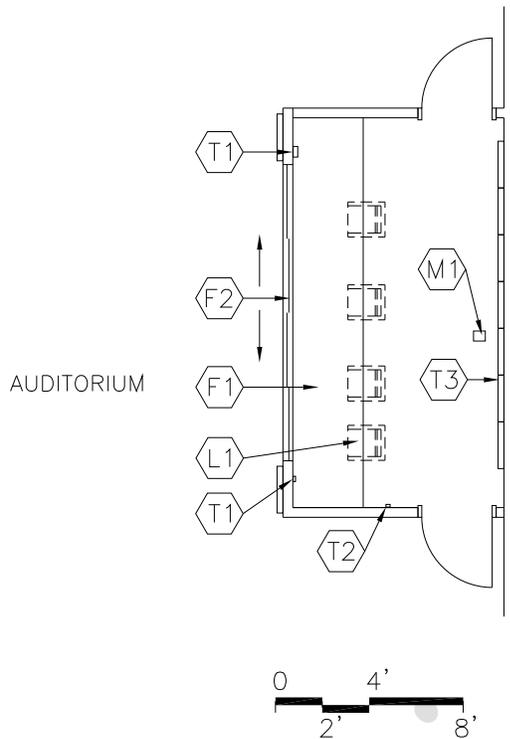
ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate ventilation
- Electrical outlets for equipment

TECHNOLOGY

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

SOUND AND LIGHT CONTROL



CAPACITY:

- 3 - 5 Students
- Teacher

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Auditorium

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

- Behind and above last row of auditorium seating

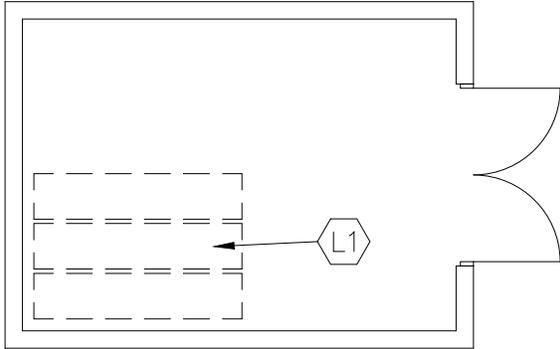
ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY

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

CHAIR STORAGE



CAPACITY:
N/A

SIZE:
• 200 SF

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

GOAL:

- To provide a secure area for storing and retrieving chairs

PROGRAM ACTIVITY:

- Storage for chairs

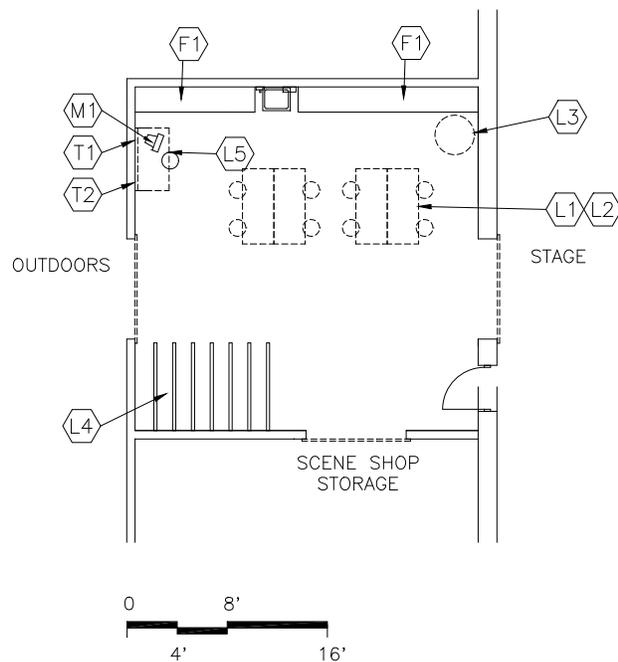
SPATIAL RELATIONSHIP:

- Near auditorium orchestra pit

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Wide double door opening

SCENE SHOP



CAPACITY:

- Up to 15 students
- Drama Teacher

SIZE:

- Varies

ANCILLARY SPACES:

- Stage
- Scene Shop Storage

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

GOAL:

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

PROGRAM ACTIVITIES:

- Painting
- Cutting wood
- Hammering nails

SPATIAL RELATIONSHIPS:

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

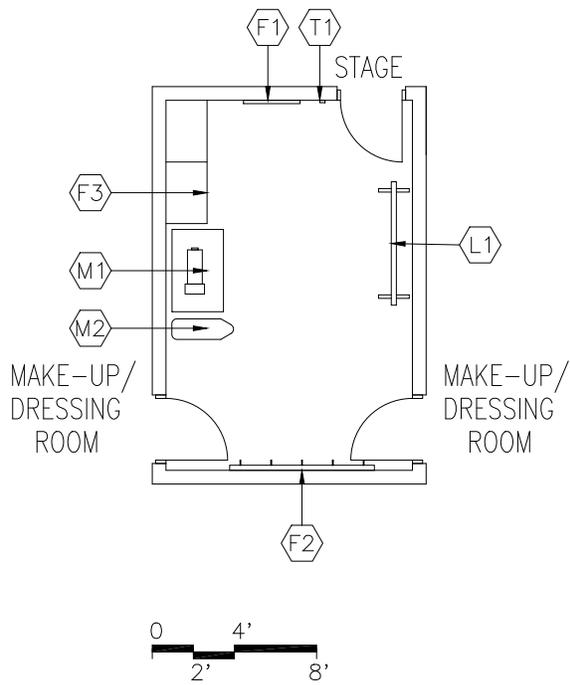
ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY

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

COSTUME ROOM



GOAL:

- To provide a secure area for storing and retrieving costumes

PROGRAM ACTIVITY:

- Storage for costumes

SPATIAL RELATIONSHIPS:

- Adjacent to Make Up/Dressing Room

ENVIRONMENTAL CONSIDERATIONS:

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

CAPACITY:

- Students
- Staff

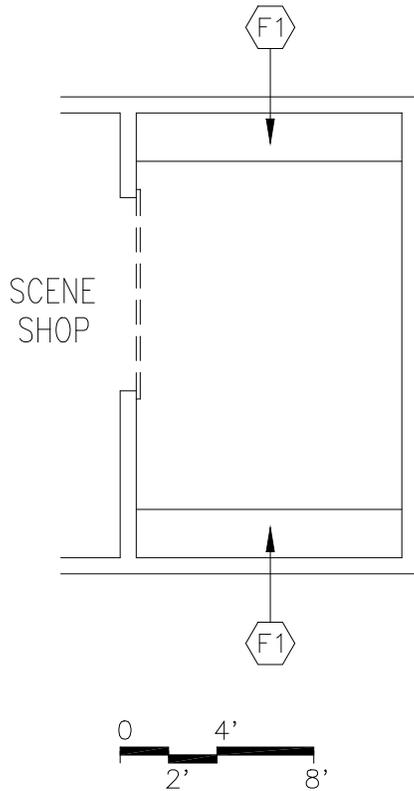
SIZE:

- Varies

ANCILLARY SPACE:

- Make Up/Dressing Room

SCENE SHOP STORAGE



CAPACITY:
N/A

SIZE:

- Varies

ANCILLARY SPACES:

- Scene Shop (H-PA-6)

GOAL:

- To provide adequate storage for scene shop materials

PROGRAM ACTIVITY:

- Storage

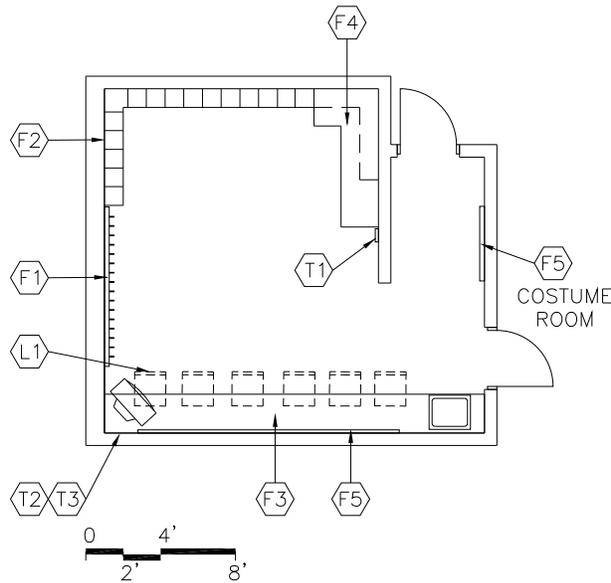
SPATIAL RELATIONSHIP:

- Adjacent and access to Scene Shop

ENVIRONMENTAL CONSIDERATION:

- Uniform lighting
- Overhead door

MAKE UP/DRESSING ROOM



CAPACITY:

- 10-15 students

SIZE:

- Varies

ANCILLARY SPACES:

- Costume Room

GOAL:

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

PROGRAM ACTIVITIES:

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

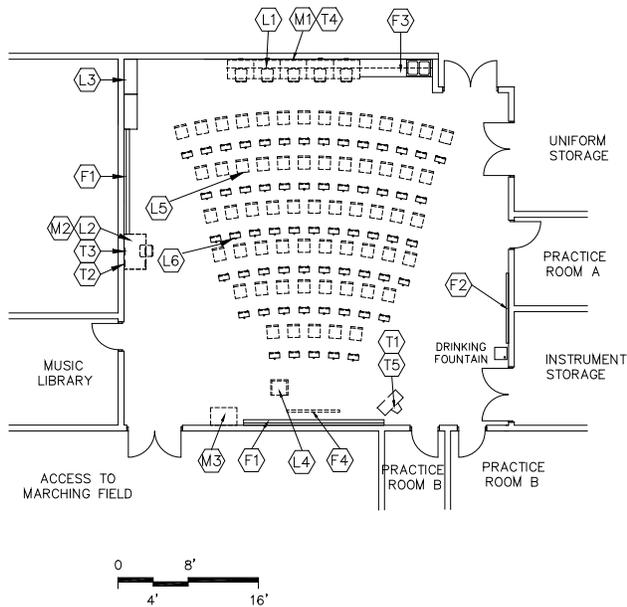
SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

BAND/ ORCHESTRA ROOM



CAPACITY:

- Up to 60 students
- Teacher

SIZE:

- Varies

ANCILLARY SPACES:

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

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

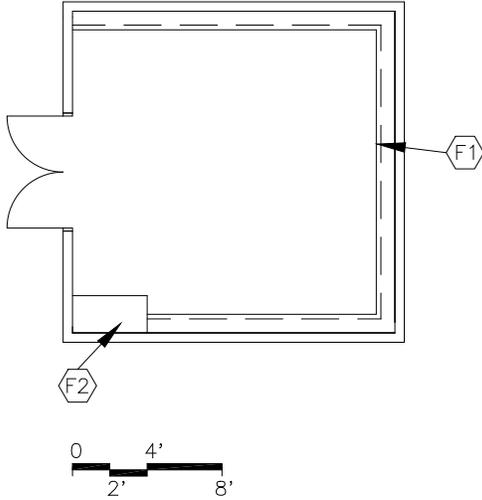
ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY and BUILT-IN EQUIPMENT

- See regular Classroom

UNIFORM STORAGE



GOAL:

- To provide secure and adequate storage for uniforms

PROGRAM ACTIVITY:

- Storing and accessing uniforms

SPATIAL RELATIONSHIPS:

- Adjacent to Band/Orchestra Room

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate ventilation

CAPACITY:

N/A

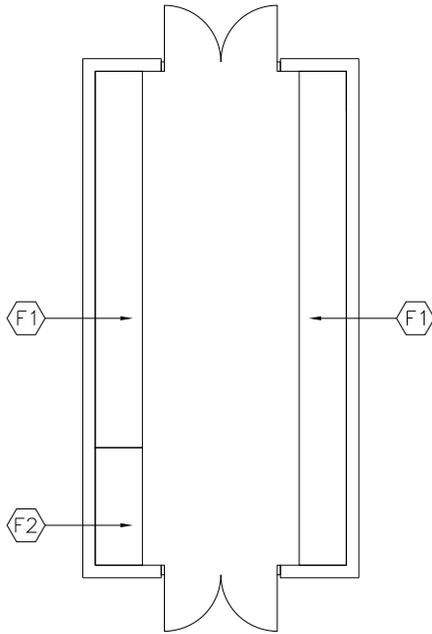
SIZE:

- 300 SF

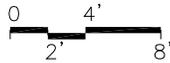
ANCILLARY SPACES:

- Band/Orchestra Room

INSTRUMENT STORAGE



BAND/ORCHESTRA ROOM



CAPACITY:
N/A

SIZE:

- Varies

ANCILLARY SPACES:

- Band/Orchestra Room

GOAL:

- To provide secure and adequate storage for instruments

PROGRAM ACTIVITY:

- Storage of instruments

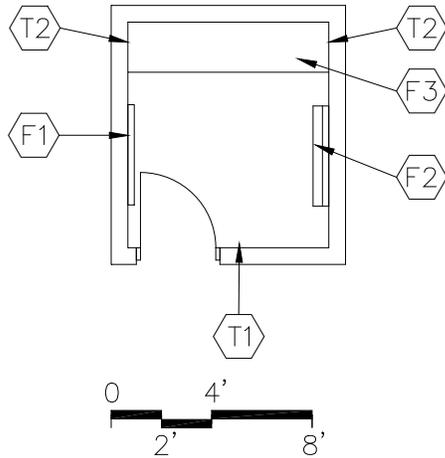
SPATIAL RELATIONSHIP:

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

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate ventilation

INSTRUMENT PRACTICE ROOM



CAPACITY:

- 1 - 2 Students
- Teacher

SIZE:

- 75-125 SF

ANCILLARY SPACES:

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

GOAL:

- To provide an area for individual student practice and rehearsals

PROGRAM ACTIVITY:

- Instrumental practice/rehearsals

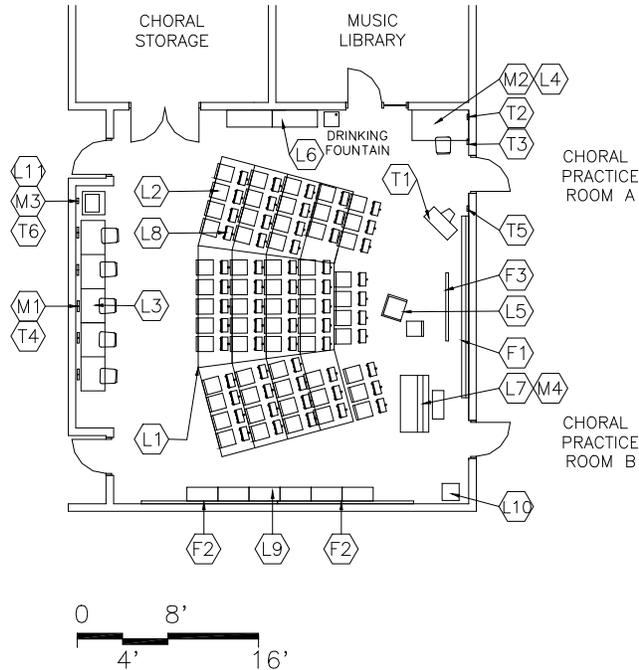
SPATIAL RELATIONSHIP:

- Adjacent and access to Band/Orchestra Room

ENVIRONMENTAL CONSIDERATIONS:

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

CHORAL/KEY BOARDING ROOM



CAPACITY:

- up to 30 students
- Teacher

SIZE:

- Varies

ANCILLARY SPACES:

- Choral Storage
- Choral Practice Room
- Music Library

GOAL:

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

PROGRAM ACTIVITIES:

- Rehearsals
- Practice for sectional groups
- Solos
- Instruction

SPATIAL RELATIONSHIPS:

- Near Auditorium Stage
- Adjacent and access to Choral Storage
- Near Arts Office Suite
- Adjacent and access to Music Library
- Adjacent and access to Practice Rooms

ENVIRONMENTAL CONSIDERATIONS:

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

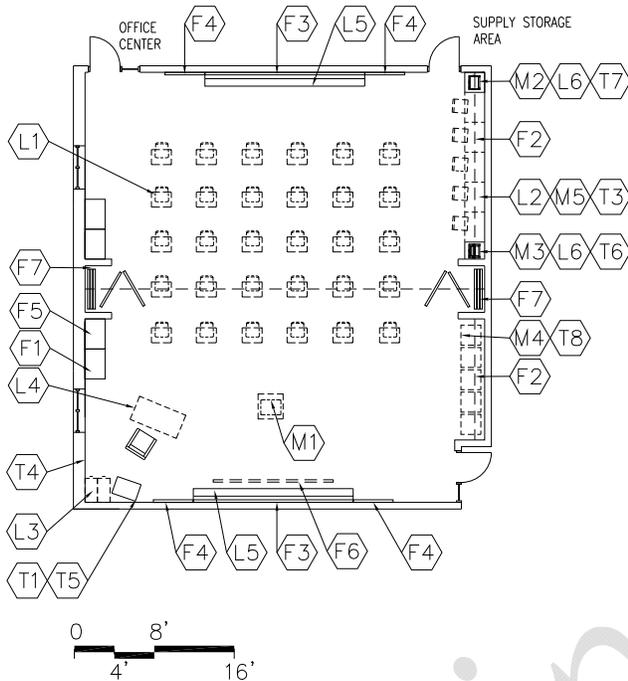
TECHNOLOGY and BUILT-IN EQUIPMENT

- See regular Classroom

ROTC Space Requirements

Space	Suggestions			Comments
	Qty.	S.F.	Total	
Armory	1			Optional
Office	1	250	250	
Learning Center/Classrooms	2	800	1600	
Uniform Storage	1	250	250	
Armory storage	1	150	150	
Total			2,250	

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



- CAPACITY:**
- Up to 30 students
 - 1 teacher

GOALS:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

- All JROTC facilities should be located adjacent to each other

ENVIRONMENTAL CONSIDERATIONS:

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

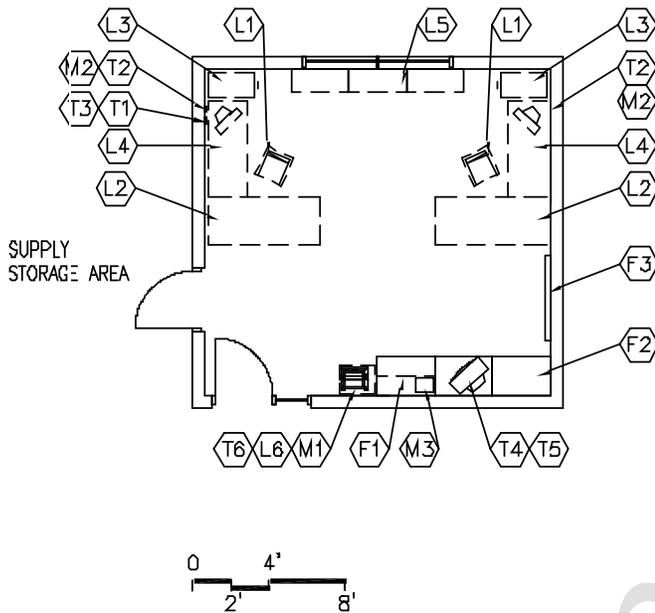
LEARNING CENTER

H-JR-1

<u>Finishes¹:</u>		<u>Spec. Ref.#</u>	<u>Features¹:</u>		<u>Spec. Ref.#</u>
<u>Flooring:</u>			<u>Fire Suppression:</u>		
Resilient tile flooring (as is)		096519	Fire suppression system		
<u>Base</u>			<u>Plumbing:</u>		
Resilient base		096519	N/A		
<u>Ceiling: (9' high minimum)</u>			<u>HVAC:</u>		
Suspended, acoustical		095113	Div. 23		
<u>Walls:</u>			Supply/return air system		
Painted concrete masonry units or dry wall		042000 / 099123	Independent temperature control		
<u>Loose Furnishings:</u>			<u>Electrical:</u>		
L1	30 student desks and chairs		Div. 26		
L2	5 computer workstations		Fluorescent lighting		
L3	2, four-drawer file cabinets		Illumination levels: See table 7600-16		
L4	Teacher desk and ergonomic task chair		Multilevel switching		
L5	Adjustable height bookshelves (24 LF)		Duplex receptacles		
L6	Printer/scanner tables		3 per primary teaching wall		
	Student project storage		At least 2 per other walls		
	Wastebasket		TVSS protected quad receptacle adjacent to each data and video port		
<u>Features¹:</u>			Central sound system		
<u>Fixed Equipment:</u>			Clock		
F3	Marker board (24 LF)	101100	<u>Communications²:</u>		
F4	Tack boards (16 LF minimum)	101100	Div. 27		
F6	Manual projection screen	115213	T1 1 video port, monitor, VCR, and brackets		
<u>Miscellaneous:</u>			T2 1 voice port and phone		
M1	Projection device on cart	Div. 27	T3 5 data ports for student use		
M3	Printer		T4 1 data port near teacher workstation		
M4	5 –10 carts for student multimedia computers		T5 Cable/MATV port		
M5	5 student multimedia computers		T6 1 data port for printer		
Audio enhancement equipment			T7 1 data port for scanner		
			<u>Electronic Safety and Security:</u>		
			Div. 28		
			Life safety devices per code		

NOTES:

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



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

CAPACITY:

- 3 staff/teachers
- 3-4 student leaders

ANCILLARY SPACES:

- Supply Storage Areas (H-JR-2)

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

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

OFFICE CENTER

H-JR-3

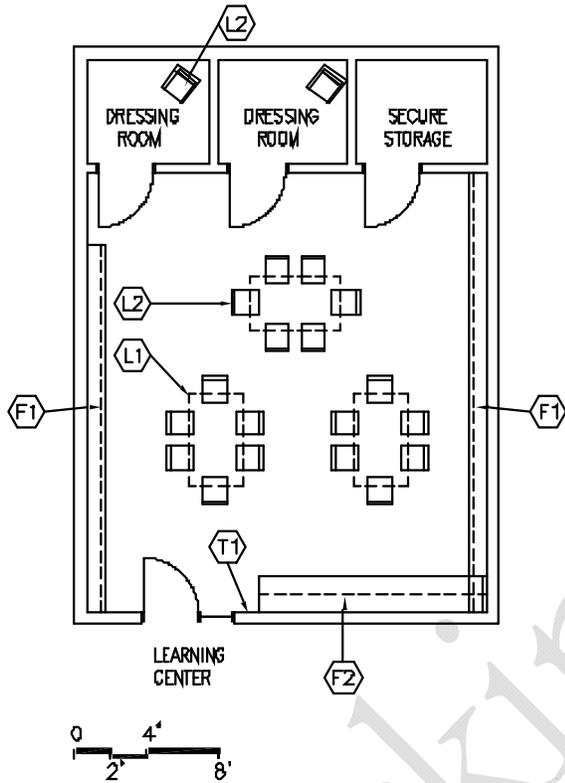
<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Resilient tile flooring	09658196	F1 Casework:	
Base:		Base/wall cabinets	123200
Resilient base	096519	F2 Casework:	
Ceiling:		3 lockable wardrobes	123200
Suspended, acoustical	095113	F3 Tack board (4 LF)	101100
Walls:		<u>Fire Suppression:</u>	Div. 21
Painted concrete masonry units	042000 / 099123	Fire suppression system	
 <u>Loose Furnishings:</u>		<u>Plumbing:</u>	
L1 3 Ergonomic chairs		N/A	
L2 3 Desks		<u>HVAC:</u>	Div. 23
L3 3, 4-drawer file cabinets		Supply/return air system	
L4 2-3 student workstations		Independent temperature control	
L5 Adjustable height bookshelves (24 LF)		<u>Electrical:</u>	Div. 26
L6 Printer table		Single-level switching	
Wastebasket		Fluorescent lighting	
2 Display cabinets (see staff for dimensions)		Illumination level: See Table 7600-16	
 <u>Miscellaneous:</u>		Duplex receptacles	
M1 1 printer		TVSS protected quad receptacle adjacent to each data and video port	
M2 3-6 computers		Central sound system	
M3 Fax		Clock	
		<u>Communications²:</u>	Div. 27
		T1 1 voice port and phone	
		T2 8 data ports	
		T3 1 direct voice port (not through school switch board)	
		T4 Video port, monitor, VCR, and brackets	
		T5 Cable/MATV port	
		T6 1 data port for printer	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

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

UNIFORM STORAGE AREA

H-JR-2



GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

- Adjacent and access to Office Center

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

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

UNIFORM STORAGE AREA

H-JR-2

		Spec. Ref.#			Spec.
<u>Finishes¹:</u>			<u>Features¹:</u>		
Flooring:			Fixed Equipment:		
	Resilient tile flooring	096519	F1	Closet shelving Double rods	062023
Base:			F2	Casework: Base/wall, file cabinets, and shelves	123200
	Resilient base	096519			
Ceiling:			<u>Fire Suppression:</u>		Div. 21
	Suspended, acoustical	095113	Fire suppression system		
Walls:			<u>Plumbing:</u>		
	Painted concrete masonry units	042000 / 099123	N/A		
<u>Loose Furnishings:</u>			<u>HVAC:</u>		Div. 23
	Wastebasket		Supply/return air system		
			<u>Electrical:</u>		Div. 26
			Single level switching		
			Fluorescent lighting		
			Illumination level: See Table 7600-16		
			Duplex receptacles		
			Security system		
			Clock		
			<u>Communications²:</u>		Div. 27
			T1	1 voice port and phone	
			<u>Electronic Safety and Security:</u>		
			N/A		

NOTES:

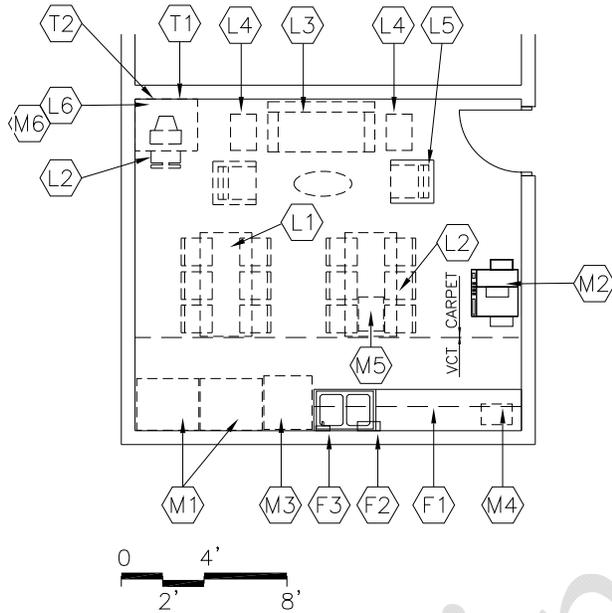
1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications — Communications, Section 1240.

Family Support Center

Space	Suggestions			Comments
	Qty.	S.F.	Total	
Day Care Center	1	2000	2000	
New Heights/Parent Center	1	800	800	
Office/storage (New Heights)	1	200	200	
Total			2,920	

Working Draft

NEW HEIGHTS/PARENT RM



GOAL:

- Support space for students with families
- Parent Resource center

PROGRAM ACTIVITY:

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

SPATIAL RELATIONSHIPS:

- Near cafeteria

ENVIRONMENTAL CONSIDERATIONS:

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

CAPACITY:

- 15-20 persons

SIZE:

- Varies, see table

NOTES:

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

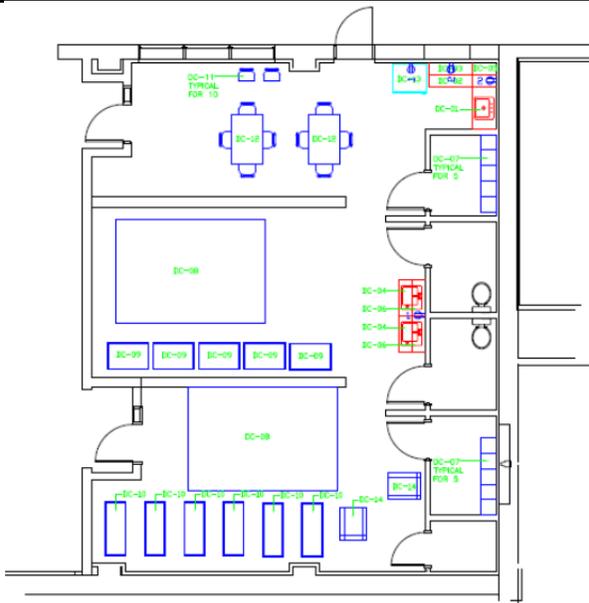
NEW HEIGHTS/PARENT RM

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
<u>Flooring:</u>		<u>Fixed Equipment:</u>	
Resilient tile flooring	096519	F1 Casework	
		Base/wall cabinets	123200
<u>Base:</u>		F2 Towel dispenser	102800
Resilient base	096519	F3 Soap dispenser	102800
		F4 Tack board (8 LF)	101100
		16' linear book shelving	
<u>Ceiling: (8' high minimum)</u>		<u>Fire Suppression:</u>	
Suspended, acoustical	095113	Fire suppression system	Div. 21
<u>Walls:</u>		<u>Plumbing:</u>	
Painted concrete masonry units	042000 / 099123	Plumbing connections	Div. 22
		Sink	
<u>Loose Furnishings:</u>		<u>HVAC:</u>	
L1	2 tables	Supply/return air system	Div. 23
L2	12-14 chairs	Independent temperature	
L3	Sofa	Control	
L4	Side and end tables	Exhaust air system	
L5	2 lounge chairs		
L6	Computer workstation furniture		
	Wastebasket		
	Area rug		
	4 drawer file cabinet		
<u>Miscellaneous:</u>		<u>Electrical:</u>	
M3	Refrigerator	Duplex receptacles	Div. 26
M6	Computers and printers	TVSS protected quad receptacle	
		adjacent to data port	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	
		<u>Communications:</u>	Div. 27
		T1 Voice port and phone	
		T2 Data ports near two workstations	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

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

DAYCARE CENTER



PROGRAM ACTIVITIES:

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

ENVIRONMENTAL CONSIDERATIONS:

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

CAPACITY:

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

SIZE:

- 1,175 SF (Intent for SF)

ANCILLARY SPACES:

- Restrooms E-ACA-16 (50 SF)

SPATIAL RELATIONSHIPS:

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

NOTES:

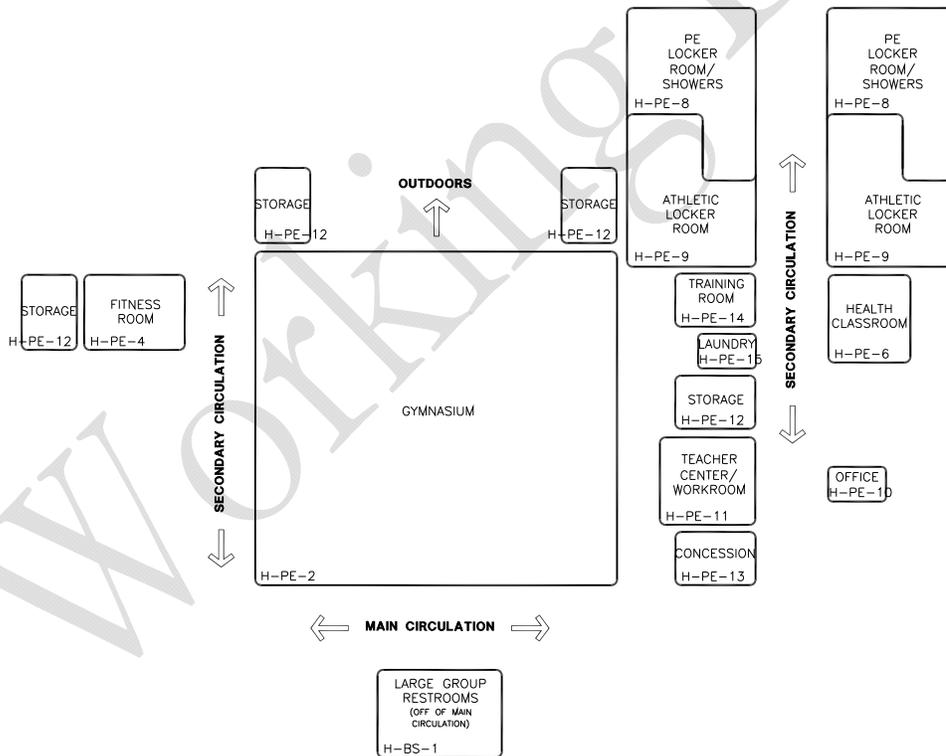
1. Loose furnishings and features shown represent one of many possible arrangements.
2. Locate sink at chase wall of restroom (or in close proximity)
3. Locate restroom chase as close to corridor as possible to minimize pipe runs

DAYCARE CENTER

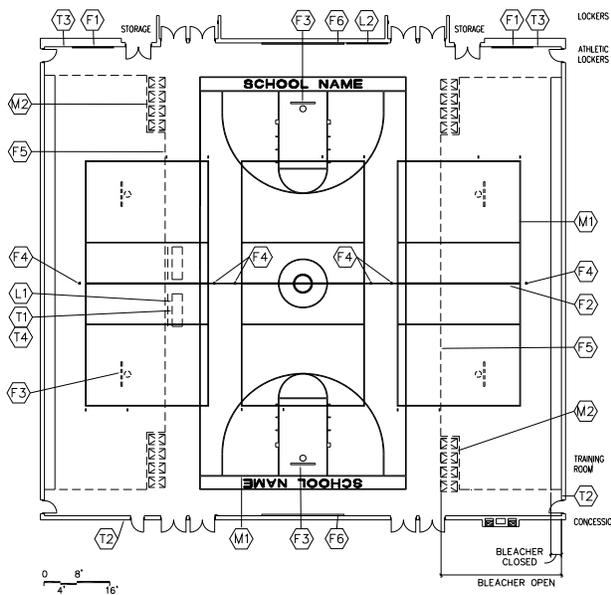
<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Rubber tile	096519/096816	F1 Casework:	123200
		Base/wall cabinets by sink	
Base:		Sturdy shelving on 2 walls in storage	
Resilient base	096519	F2 Carpentry:	
		Student cubbies (10)	064123
Ceiling (9' high minimum):		F3 Casework:	
Suspended, acoustical	095113	Wall shelving (24 LF- H 30-32")	
		123200	
Walls:		F4 Marker board (each area)	
Painted concrete masonry units or dry wall	042000/099123	101100	
		F5 Tack board flanking marker boards	
<u>Loose Furnishings:</u>		F7 Soap dispenser	102800
2 Bound carpet rugs		F8 Towel dispenser	102800
6 toddler Cots		F9 Casework:	
5 cribs		Wardrobe (18"X18")	123200
2 rocking chairs		<u>Fire Suppression:</u>	Div. 21
2 small student tables		Fire suppression system	
10 small student chairs/2 adult chairs		<u>Plumbing:</u>	Div. 22
Mobile tote tray storage		Sink with drinking fountain	
Learning center sets such as play kitchen and blocks.		Plumbing connections	
Wastebasket		Wall-mounted watercloset	
		Wall-mounted lavatory	
<u>Communications:</u> ²	Div. 27	See	
Video port, monitor, VCR/DVD, and brackets		<u>HVAC:</u>	Div. 23
Voice port and phone		Supply/return air system	
Data port in play area		Independent temperature control	
Cable/MATV port		Exhaust air system (toilet)	
Central sound system		<u>Electrical:</u>	Div. 26
Clock		Duplex receptacles	
<u>Miscellaneous:</u>		3 per primary teaching wall	
Computer for teachers use		At least 2 per other walls	
TV in play area		TVSS protected quad receptacle adjacent to each data and video port	
		Multilevel switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

Physical Education Space Requirements

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



GYMNASIUM



CAPACITY:

- Students
- Teachers and staff
- Community

SIZE:

- Varies

ANCILLARY SPACES:

- Athletic Lockers
- Storage
- Training Room

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

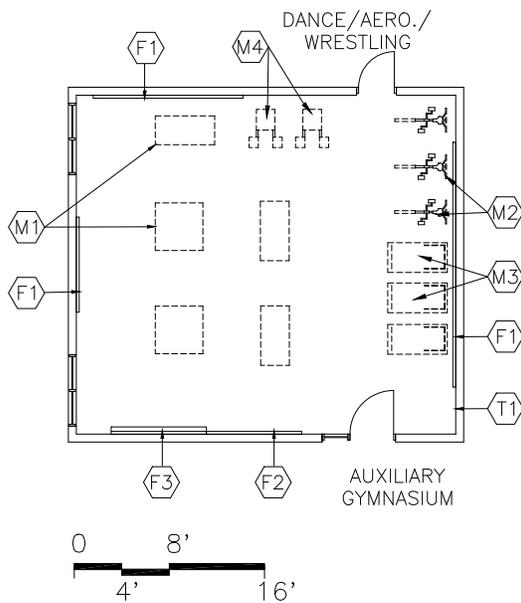
ENVIRONMENTAL CONSIDERATIONS:

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

BUILT-IN EQUIPMENT

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

FITNESS ROOM



CAPACITY:

- Up to 20-30 persons

ANCILLARY SPACES:

- Dance/Aerobics/Wrestling Room

GOAL:

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

PROGRAM ACTIVITIES:

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

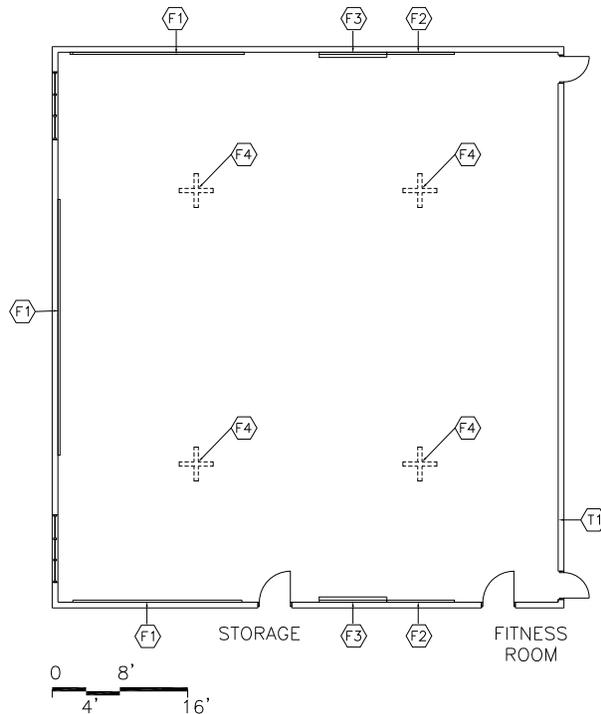
SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

DANCE/AEROBICS



CAPACITY:

- Students
- Teachers and staff
- Community

SIZE:

- Varies

ANCILLARY SPACES:

- Fitness Room
- Storage

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

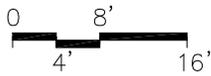
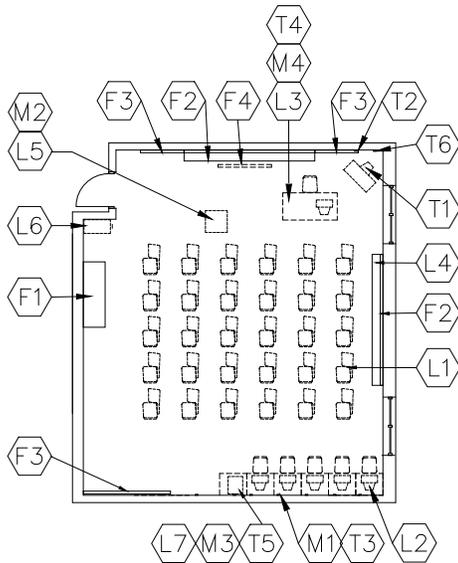
ENVIRONMENTAL CONSIDERATIONS:

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

BUILT-IN EQUIPMENT

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

HEALTH CLASSROOM



CAPACITY:

- Students
- Teachers
- Parents/other staff

SIZE:

- 800 SF

ANCILLARY SPACES:

- Multipurpose Gymnasium (M-PEH-1)

GOAL:

- To provide a flexible space to accommodate physical education classes

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIP:

- Near Gymnasium

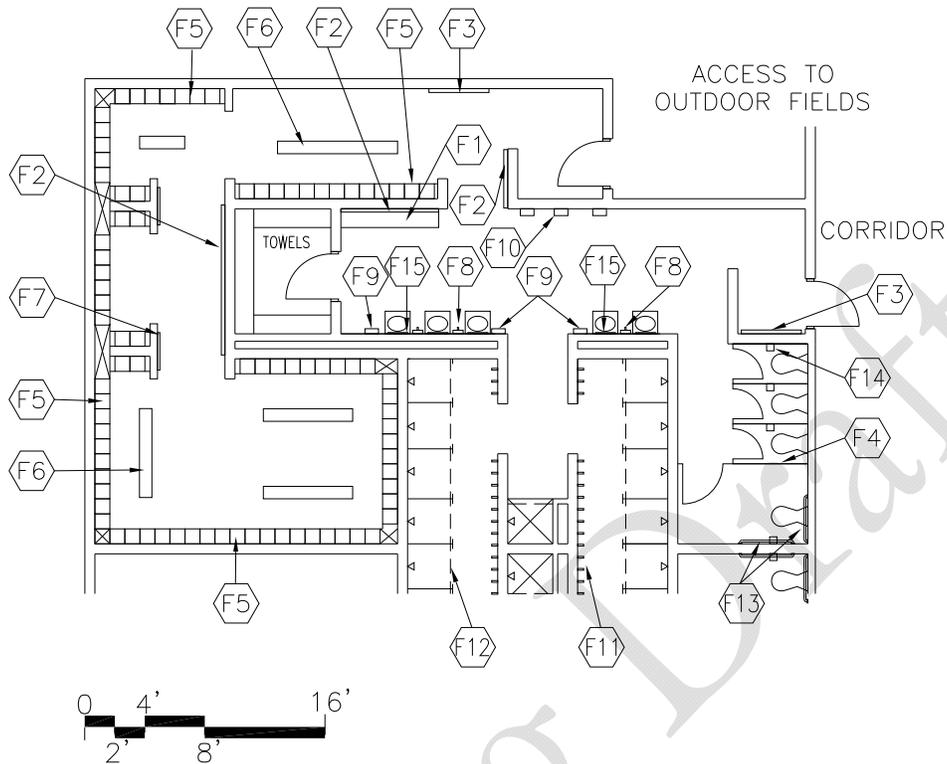
ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY AND BUILT-IN EQUIPMENT

See regular classroom

PE LOCKER ROOM/SHOWERS



CAPACITY:

- 30-40 students
- Others as appropriate

SIZE:

- Varies

ANCILLARY SPACES:

- Gymnasium
- Athletic Lockers

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

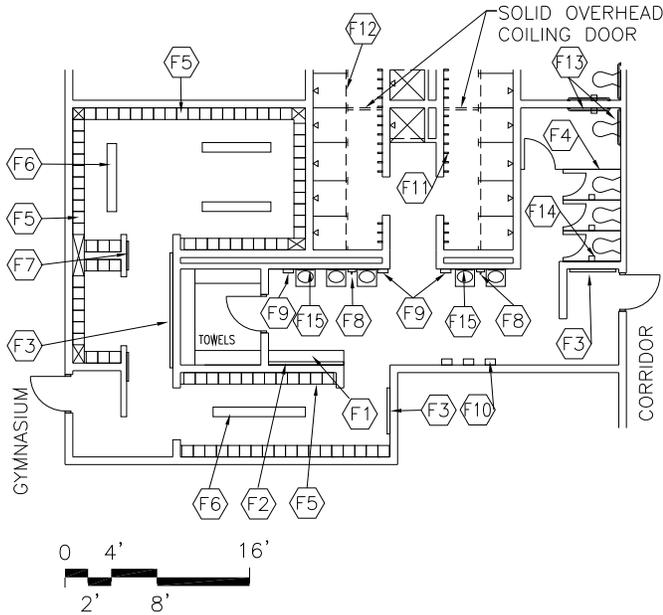
ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

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

ATHLETIC LOCKERS



CAPACITY:

- Athletic teams
- Visiting teams
- Other as appropriate

SIZE:

- Varies

ANCILLARY SPACES:

- Gymnasium
- PE Locker Room/Showers

GOAL:

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

PROGRAM ACTIVITIES:

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

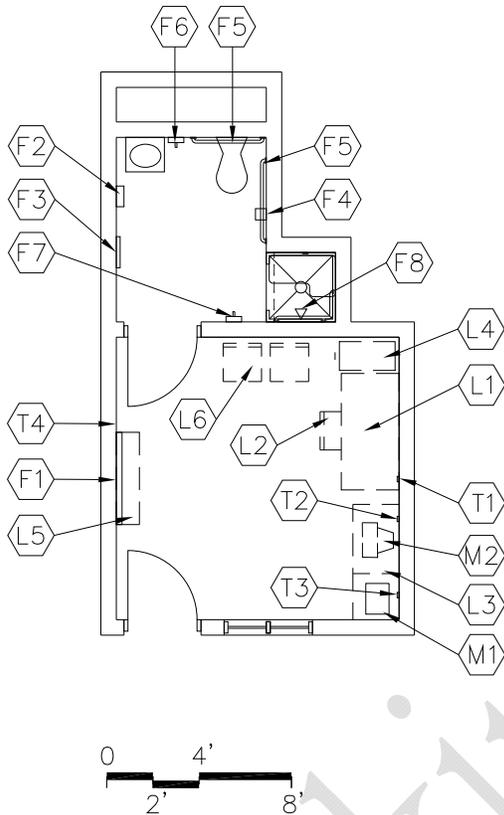
SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

DEPARTMENT OFFICES



CAPACITY:

- 1-2 Teachers
- Student teachers

SIZE:

- 150-250 SF

ANCILLARY SPACES:

N/A

GOAL:

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

PROGRAM ACTIVITIES:

- Scheduling
- Planning
- Ordering
- Maintaining records
- Meeting

SPATIAL RELATIONSHIP:

- Near Locker Rooms/Showers

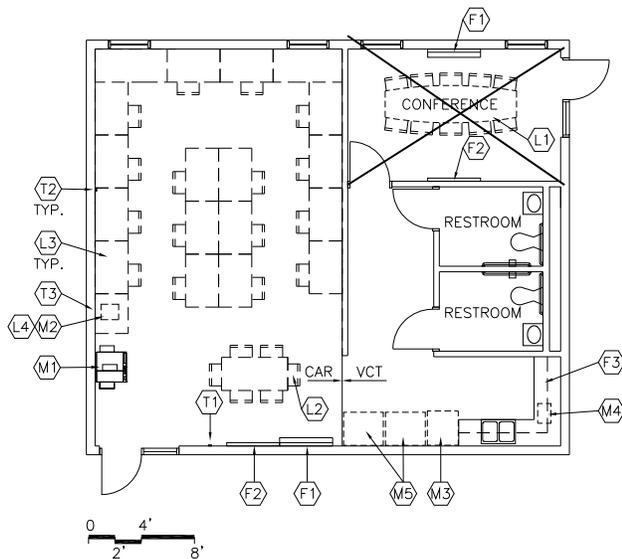
ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY

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

COACHES/WORKROOM



CAPACITY:

- Coaches
- Teachers

SIZE:

- Varies

ANCILLARY SPACES:

N/A

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

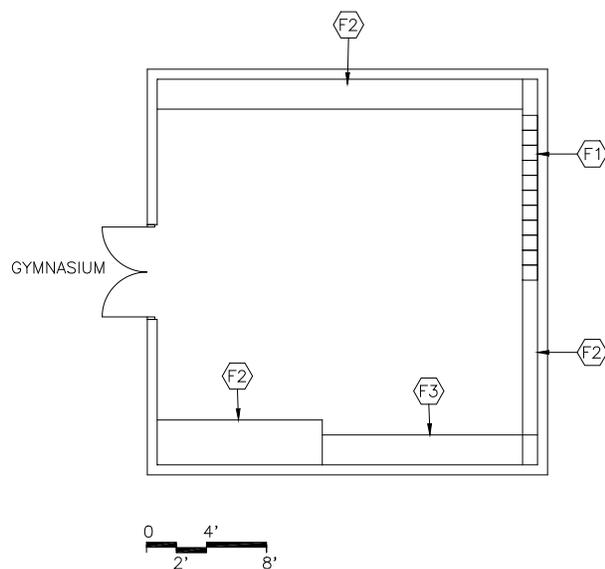
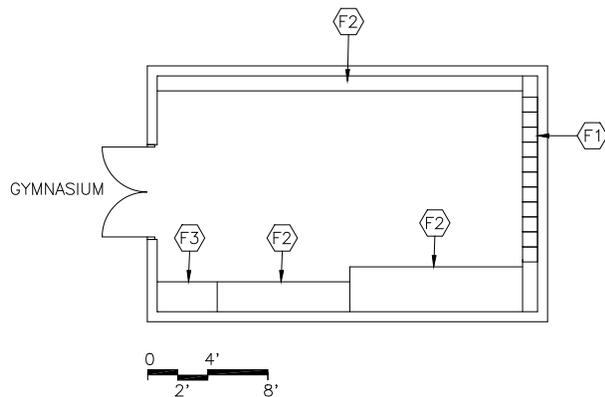
ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY AND BUILT-IN EQUIPMENT

- See teachers' work rooms

STORAGE



CAPACITY:
N/A

SIZE:
• Varies

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

GOAL:

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

PROGRAM ACTIVITIES:

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

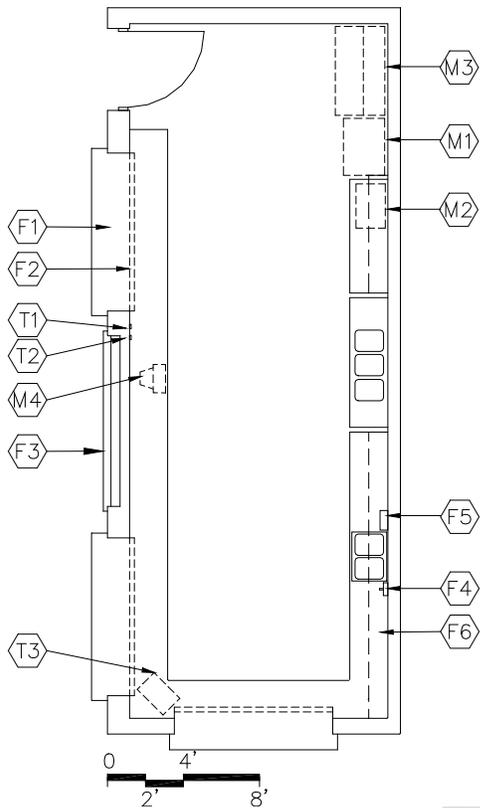
SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

CONCESSIONS



CAPACITY:

- Students
- Patrons

SIZE:

- Varies

ANCILLARY SPACES:

N/A

GOALS:

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

PROGRAM ACTIVITIES:

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

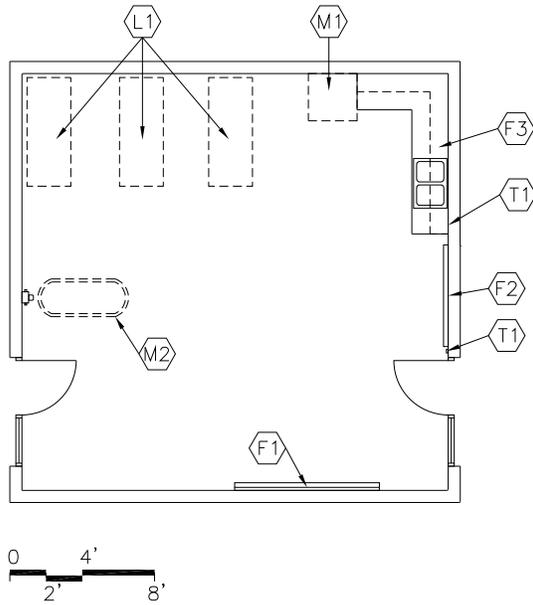
SPATIAL RELATIONSHIPS:

- Near Gymnasium
- Near Restrooms
- Near public pay phones

ENVIRONMENTAL CONSIDERATIONS:

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

TRAINING ROOM



CAPACITY:

- 1-2 Students
- Teacher/trainer

SIZE:

- Varies

ANCILLARY SPACES:

- Gymnasium

GOAL:

- To provide a place for treatment of injuries

PROGRAM ACTIVITIES:

- Taping of joints
- Minor rehabilitation

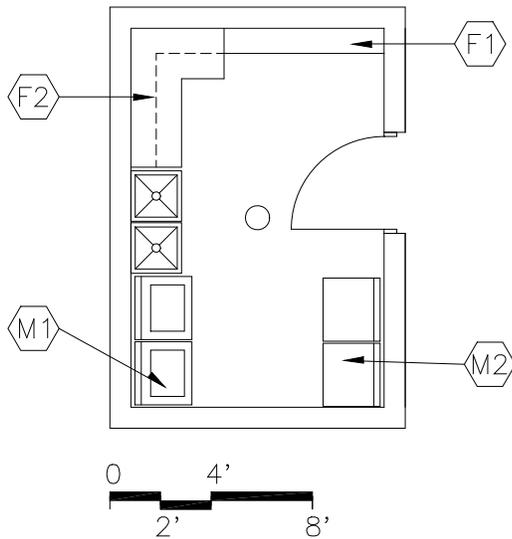
SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

LAUNDRY



CAPACITY:

- 1-2 Teachers/staff

SIZE:

- 150 SF

ANCILLARY SPACES:

N/A

GOAL:

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

PROGRAM ACTIVITY:

- Washing and drying clothes

SPATIAL RELATIONSHIPS:

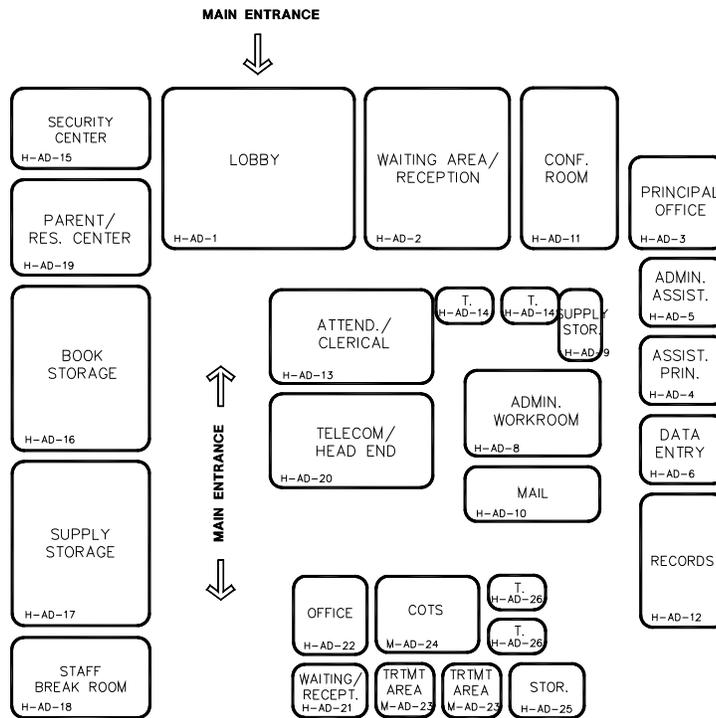
- Near PE Locker Room/Showers
- Near Athletic Lockers

ENVIRONMENTAL CONSIDERATIONS:

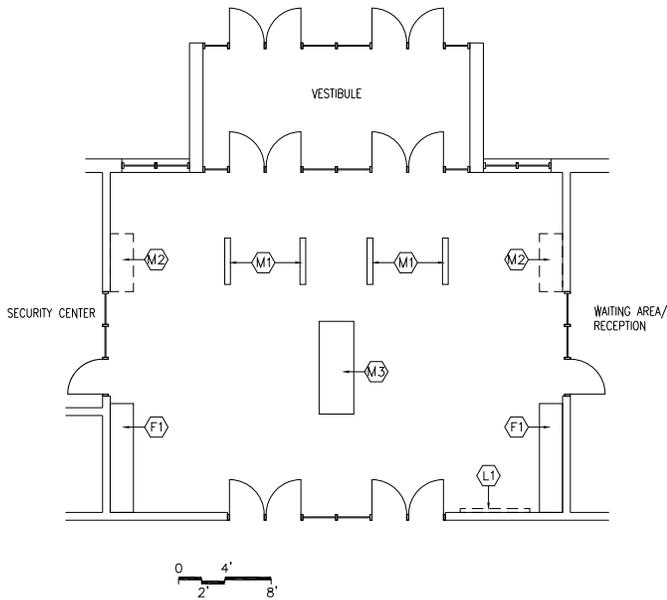
- Uniform lighting
- Cleanable building surfaces
- Electrical outlets for equipment
- Environmental sound control:
 - Wall minimum: STC 45
 - Ceiling minimum: CAC 35
- Adequate ventilation/exhaust
- Cleanable building surfaces

Administration Space Requirements

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



LOBBY



CAPACITY:

- General public
- School population

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

GOAL:

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

PROGRAM ACTIVITIES:

N/A

SPATIAL RELATIONSHIP:

- Adjacent and access to Security Office

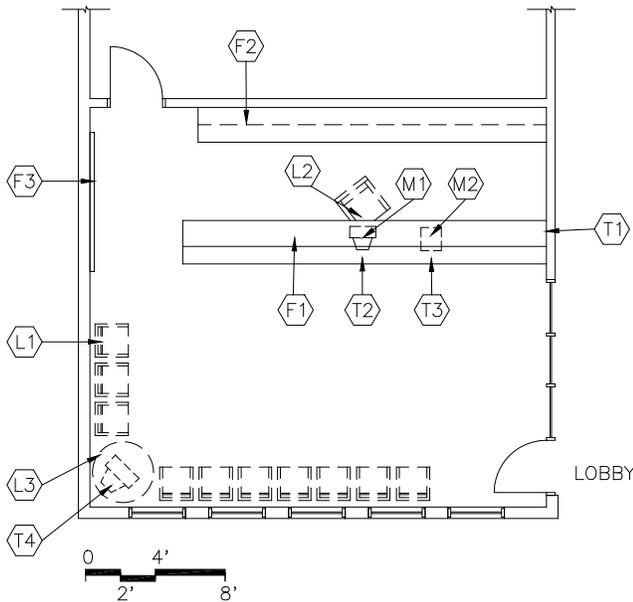
ENVIRONMENTAL CONSIDERATIONS:

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

BUILT-IN EQUIPMENT

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

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



GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

CAPACITY:

- General public
- Staff
- Students

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Entrance Lobby (H-AD-1)

NOTES:

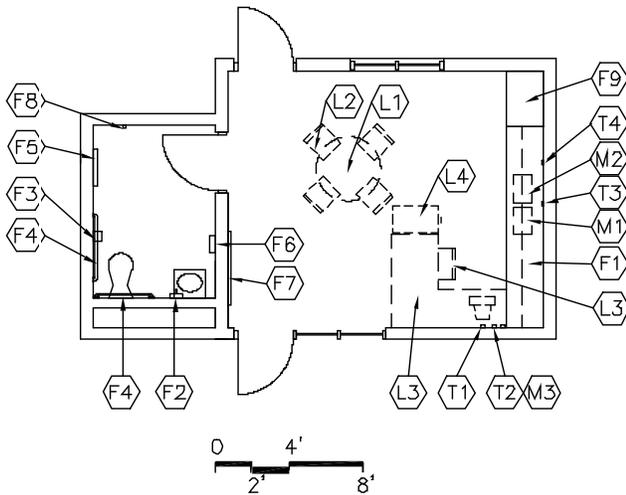
1. Loose furnishings and features shown represent one of many possible arrangements.

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

<u>Finishes¹:</u>	Spec. <u>Ref.#</u>	<u>Features¹:</u>	Spec. <u>Ref.#</u>
Flooring: Carpet	096816	Fixed Equipment: F1 Reception desk	064123
Base: Resilient base	096519	F2 Casework: Base/wall cabinets	123200
Ceiling: (8' high minimum) Suspended, acoustical	095113	F3 Tack board (8 LF)	101100
Walls: Painted gypsum wallboard over metal studs	092116 / 099123	<u>Fire Suppression:</u> Fire suppression system	Div. 21
<u>Loose Furnishings:</u> L1 Visitor chairs L2 Ergonomic task chair L3 End table Wastebasket		<u>Plumbing:</u> N/A	
<u>Miscellaneous:</u> M1 Computer M2 Printer		<u>HVAC:</u> Div. 23 Supply/return air system Independent temperature control	
		<u>Electrical:</u> Div. 26 Duplex receptacles Single-level switching Spotlighting Fluorescent lighting Illumination level: See Table 7600-16 Clock Central sound system TVSS protected quad receptacle and adjacent to each data and video ports	
		<u>Communications²:</u> T1 Voice port, and phone T2 Data port near workstation T3 Data port near printer T4 1 video port, monitor, VCR, and brackets	Div. 27
		<u>Electronic Safety and Security:</u> Life safety devices per code	Div. 28

NOTES:

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



CAPACITY:

- Principal
- Small groups (6-10 people)

SIZE:

- 230 SF

ANCILLARY SPACES:

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

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

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

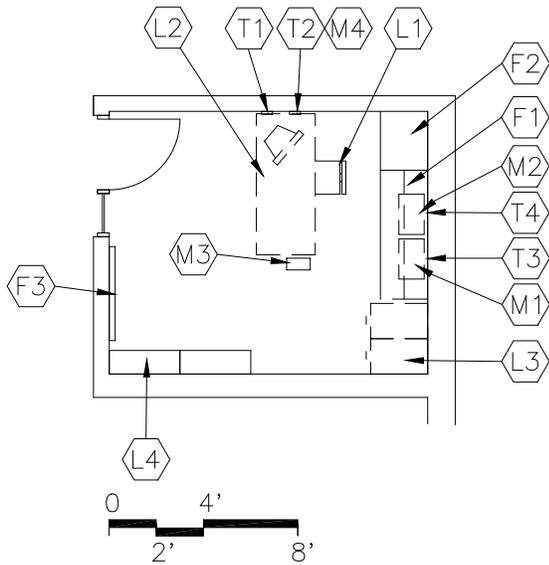
**PRINCIPAL'S OFFICE
H-AD-3**

<u>Finishes¹:</u>	Spec. <u>Ref.#</u>	<u>Features¹:</u>	Spec. <u>Ref.#</u>
Flooring:		Fixed Equipment:	
Carpet	096816	F1 Casework:	123200
Office restroom:		Base/wall cabinets and shelving	
Vinyl composition tile	096519	F2 Soap dispenser	102800
Base:		F3 Toilet tissue holder	102800
Resilient base	096519	F4 36" and 42" grab bars	102800
Ceiling: (8' high minimum)		F5 24" x 60" mirror	102800
Suspended, acoustical	095113	F6 Towel dispenser	102800
Walls:		F7 Tack board (4 LF)	101100
Painted gypsum wallboard		F8 Coat hook	102800
over metal studs	092116 / 099123	F9 Casework:	
		Wardrobe	123200
<u>Loose Furnishings:</u>		<u>Fire Suppression:</u>	Div. 21
L1 Conference table		Fire suppression system	
L2 4 side chairs		<u>Plumbing:</u>	Div. 22
L3 Desk and chair		Wall-mounted water closet	
L4 Four-drawer locking file cabinet		Wall-mounted lavatory	
Wastebasket		Plumbing connections	
		Floor drain - in restroom	
<u>Miscellaneous:</u>		<u>HVAC:</u>	Div. 23
M1 Fax		Supply/return air system	
M2 Printer		Independent temperature control	
M3 Computer		Exhaust air system	
<u>Communications²:</u>	Div. 27	<u>Electrical:</u>	Div. 26
T1 Voice port and phone		Duplex receptacles	
T2 Data port near workstation		TVSS protected quad receptacle	
T3 Fax port		adjacent to each data port	
T4 Data port for printer		Single-level switching	
<u>Electronic Safety and Security:</u>	Div. 28	Fluorescent lighting	
Life safety devices per code		Illumination level: See Table 7600-16	
		Clock	
		Central sound system	

NOTES:

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

BUSINESS MANAGER OFFICE



CAPACITY:

- Business Manager

SIZE:

- 150 SF

ANCILLARY SPACES:

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

GOAL:

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

PROGRAM ACTIVITIES:

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

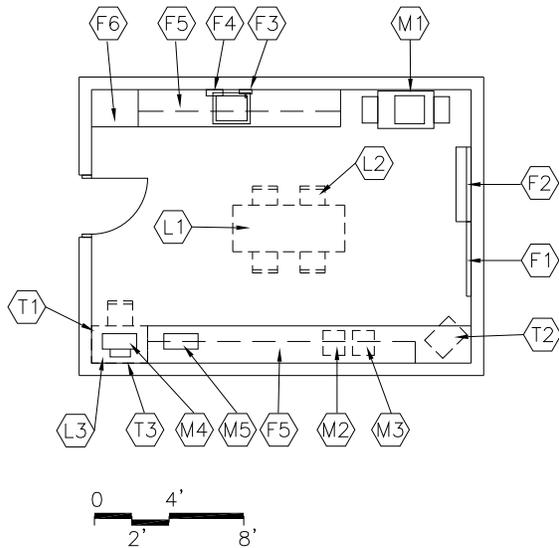
SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

ADMINISTRATIVE WORKROOM



CAPACITY:

- Secretaries and Administrators
- Volunteers
- Staff

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

GOAL:

- To provide an area for office projects to be completed

PROGRAM ACTIVITIES:

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

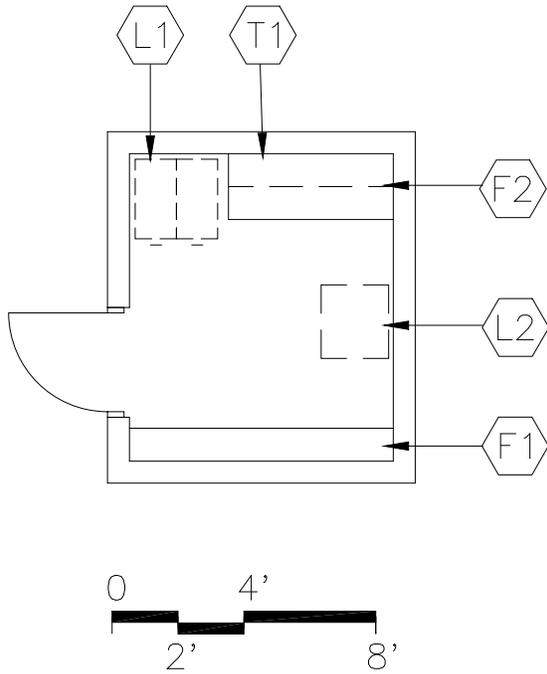
SPATIAL RELATIONSHIPS:

- Near Waiting Area/Reception

ENVIRONMENTAL CONSIDERATIONS:

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

ADMINISTRATIVE SUPPLY STORAGE



CAPACITY:
N/A

SIZE:
• Varies, see table

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

GOAL:

- To provide adequate and secure storage for office supplies

PROGRAM ACTIVITY:

- Storing of office supplies, forms, and files

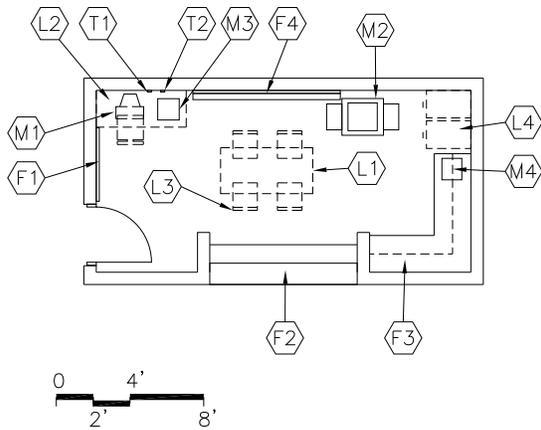
SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Security of equipment and supplies

MAILROOM



CAPACITY:

- 2-3 Office Assistants

SIZE:

- varies, see table

ANCILLARY SPACES:

N/A

GOAL:

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

PROGRAM ACTIVITIES:

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

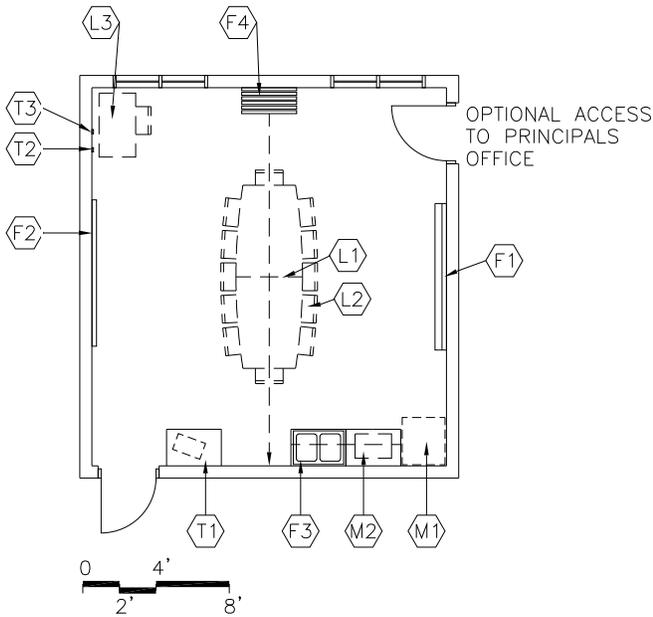
SPATIAL RELATIONSHIP:

- Located within/adjacent to the Administrative Area

ENVIRONMENTAL CONSIDERATIONS:

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

CONFERENCE ROOM



CAPACITY:

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

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

GOAL:

- To provide an area adequate for small group conferences

PROGRAM ACTIVITY:

- Small group meetings/conferences

SPATIAL RELATIONSHIPS:

- Near Principal's Office

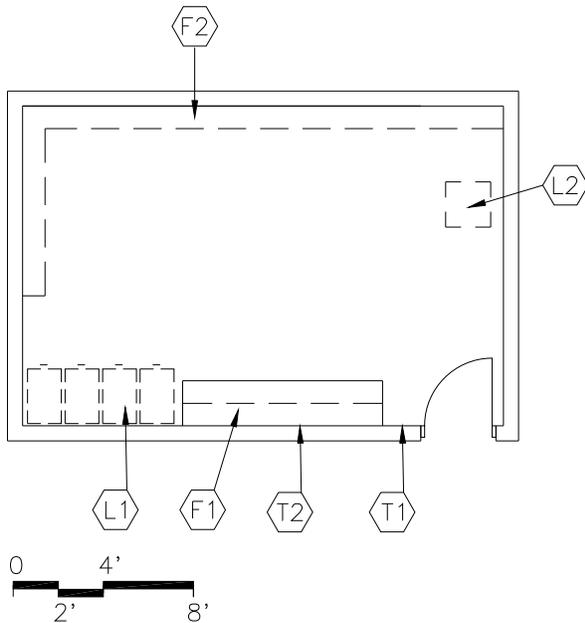
ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY

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

RECORDS STORAGE ROOM



CAPACITY:
N/A

SIZE:
• Varies, see table

ANCILLARY SPACE:
N/A

GOAL:

- To provide secure, and adequate storage for records and office supplies

PROGRAM ACTIVITIES:

- Storing of office supplies, forms, files
- Storage of records

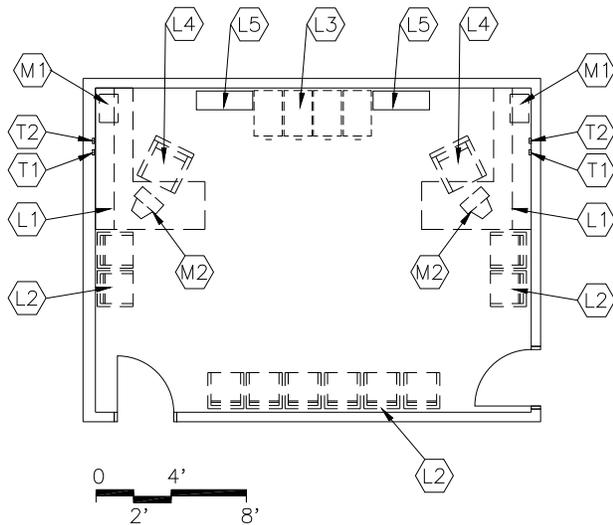
SPATIAL RELATIONSHIPS:

- Access to Administrative Workroom
- Near Data Entry Office

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Security

ATTENDANCE/REGISTRAR OFFICE



CAPACITY:

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

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

GOAL:

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

PROGRAM ACTIVITIES:

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

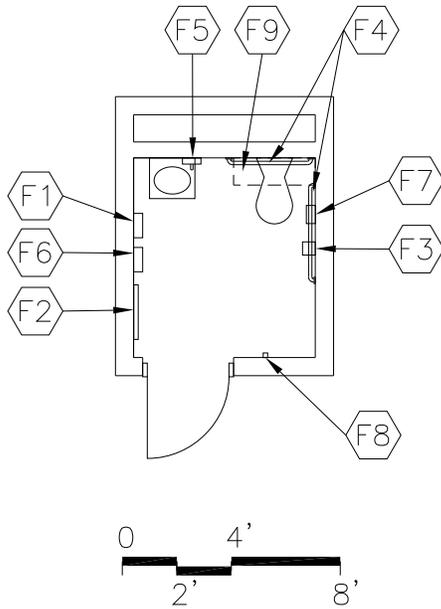
SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

TOILET



CAPACITY:

- Staff

SIZE:

- 50 SF

ANCILLARY SPACES:

N/A

PROGRAM ACTIVITIES:

- Personal hygiene

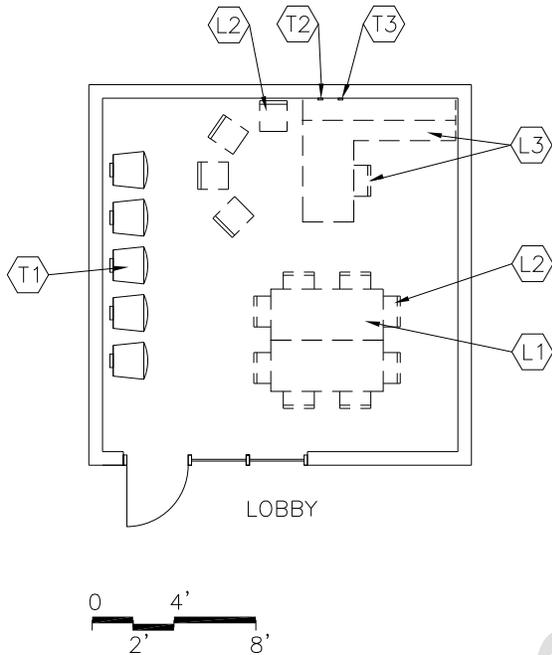
SPATIAL RELATIONSHIPS:

- Near Staff Break Room

ENVIRONMENTAL CONSIDERATIONS:

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

SECURITY CENTER



CAPACITY:

- Up to 15 persons

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Lobby (H-AD-1)

GOAL:

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

PROGRAM ACTIVITIES:

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

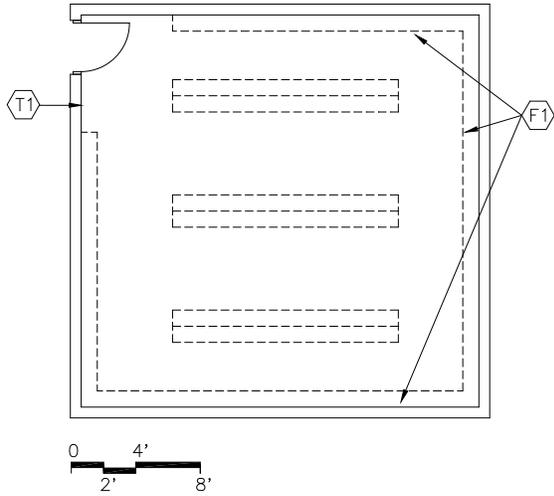
SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

SUPPLY (General) STORAGE



GOAL:

- To provide secure storage for supplies

PROGRAM ACTIVITY:

- Storage of office and teaching supplies and forms
- Inventory

SPATIAL RELATIONSHIPS:

- Near Administration

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Electrical outlets

CAPACITY:

- Staff

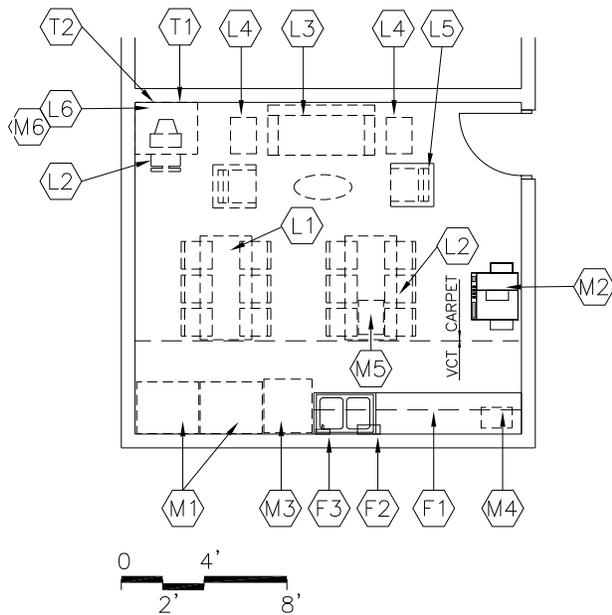
SIZE:

- varies, see table

ANCILLARY SPACES:

N/A

STAFF BREAK ROOM



CAPACITY:

- 15 persons

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

GOAL:

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

PROGRAM ACTIVITY:

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

SPATIAL RELATIONSHIPS:

- Within Administration Area
- Access from corridor

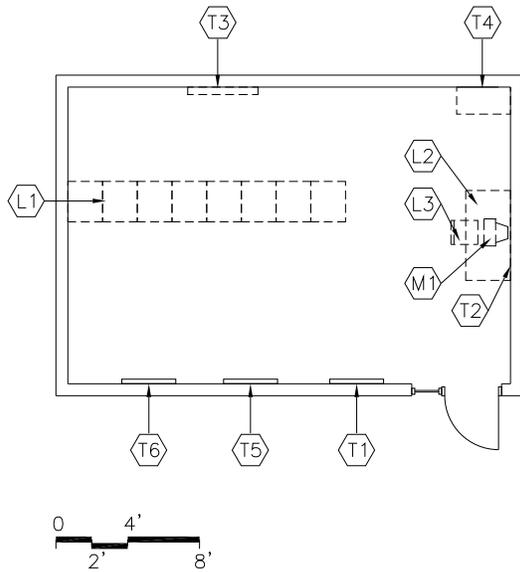
ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY AND BUILT-IN EQUIPMENT

See Teachers' work room

TELECOM HEAD END ROOM



CAPACITY:

- 1-2 staff members

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

GOALS:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

- Near Media Center
- Located in administration area

ENVIRONMENTAL CONSIDERATIONS:

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

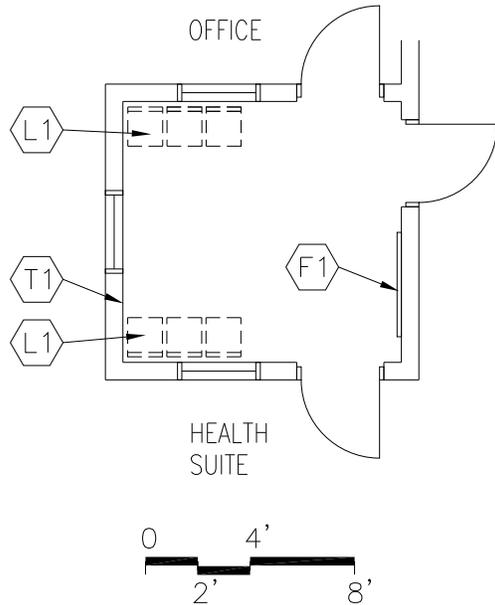
Health Suite Space Requirements

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

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

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

WAITING AREA/RECEPTION
Health Suite



CAPACITY:

- Nurse
- Students
- Support Staff
- Facility
- Administration

SIZE:

- 100 SF

ANCILLARY SPACES:

- Office (H-AD-22)

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

GOAL:

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

PROGRAM ACTIVITIES:

- Medical treatment
- Administering medication
- Resting

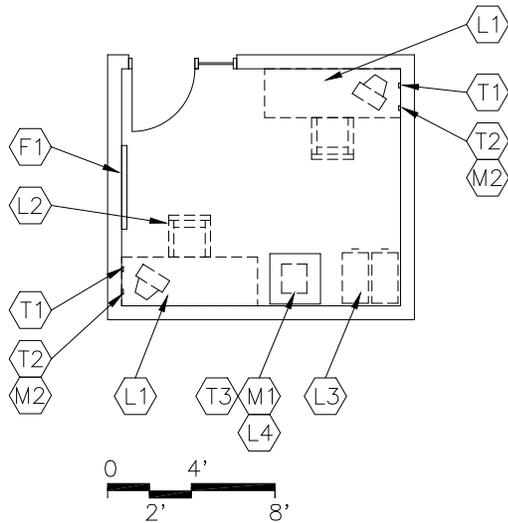
SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

OFFICE
Health Suite



CAPACITY:

- Staff

SIZE:

- 150 SF

ANCILLARY SPACES:

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

GOAL:

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

PROGRAM ACTIVITIES:

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

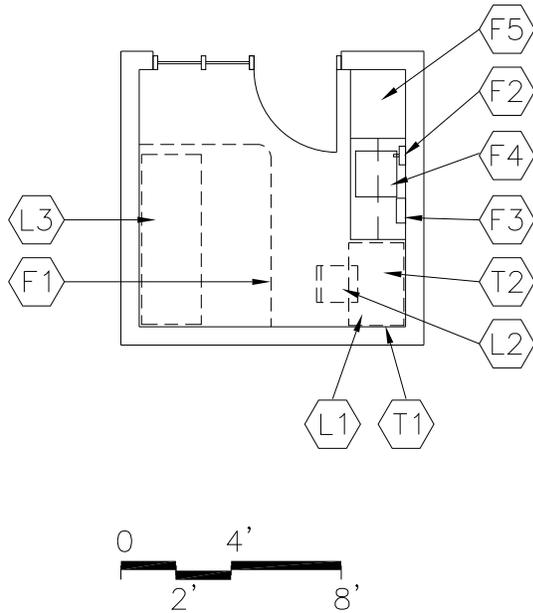
SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

TREATMENT AREA
Health Suite



CAPACITY:

- 1 staff member/volunteer/nurse
- Students

SIZE:

- 80 SF

ANCILLARY SPACES:

N/A

GOAL:

- To provide school based health services

PROGRAM ACTIVITIES:

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

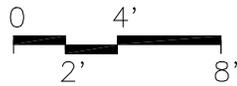
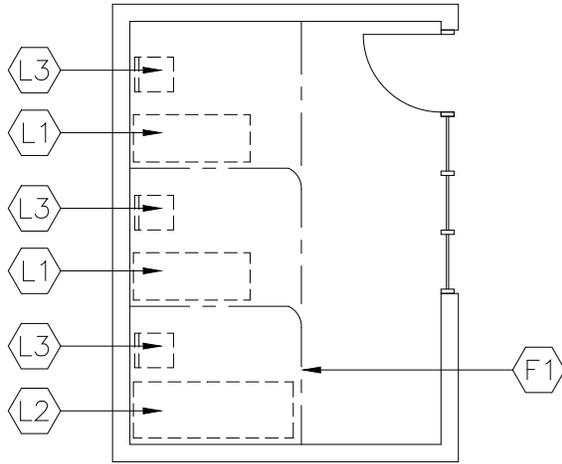
SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

**COTS
Health Suite**



CAPACITY:

- Staff
- Students

SIZE:

- Varies, see table

ANCILLARY SPACES:

N/A

GOAL:

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

PROGRAM ACTIVITIES:

- Resting

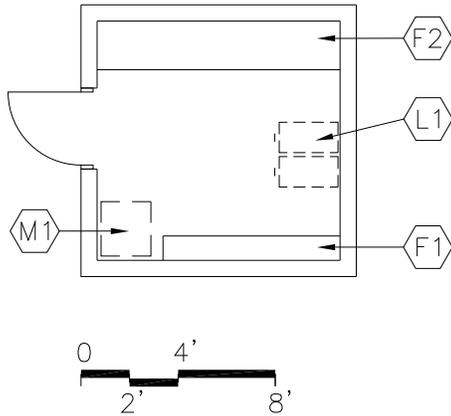
SPATIAL RELATIONSHIPS:

- Located within Health Suite

ENVIRONMENTAL CONSIDERATIONS:

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

STORAGE
Health Suite



CAPACITY:

- Nurse

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Treatment Area (H-AD-23)

GOAL:

- To provide storage for medical supplies and equipment

PROGRAM ACTIVITIES:

- Storage

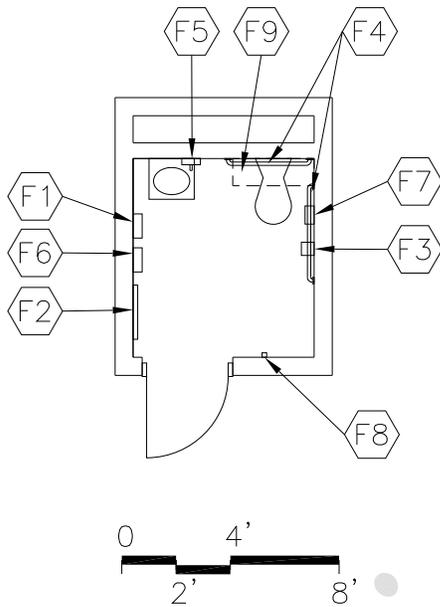
SPATIAL RELATIONSHIPS:

- Adjacent and access to Treatment Area

ENVIRONMENTAL CONSIDERATIONS:

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

TOILET
Health Suite



CAPACITY:

- Staff
- Students

SIZE:

- 50 SF

ANCILLARY SPACES:

N/A

PROGRAM ACTIVITY:

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

SPATIAL RELATIONSHIPS:

- Located within Health Suite

ENVIRONMENTAL CONSIDERATIONS:

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

Pathways Suites

Career to College Readiness Center

Space	Suggestions			Comments
	Qty.	S.F.	Total	
Reception and Work Area	1	200	200	
Office	1	200	200	
Offices	3	120	360	Guidance/DCCap
Career Center	1	820	820	
Total			1580	

Climate for Learning Center

Space	Suggestions			Comments
	Qty.	S.F.	Total	
Offices	3	120	360	One per team
Teams	3	450	1350	
Total			1710	

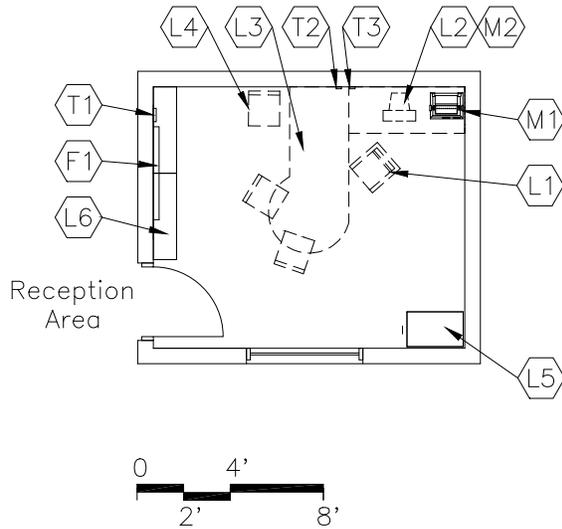
Transformation Center

Space	Suggestions			Comments
	Qty.	S.F.	Total	
Office	1	150	150	
Conference Rm	1	400	400	
Total			550	

Academic Pathways Center

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

OFFICES



CAPACITY:

- Supervising Staff

SIZE:

150-200 SF

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY

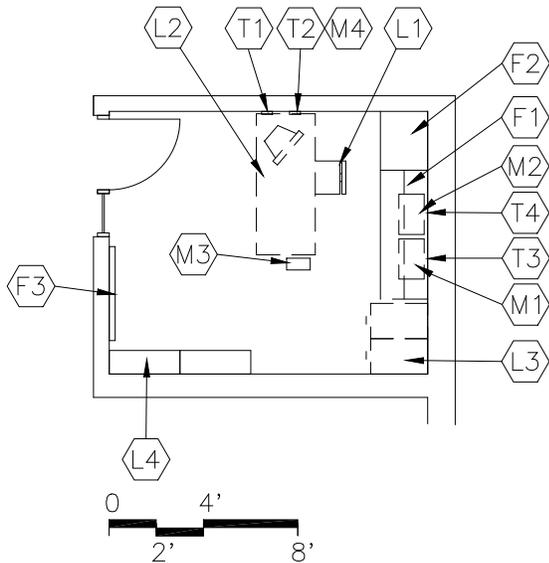
- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability

Loose Furnishings:

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

(larger offices may include a separate conference table)

OFFICE (small)



CAPACITY:

- Business Manager

SIZE:

- 120 SF

ANCILLARY SPACES:

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

GOAL:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

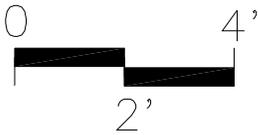
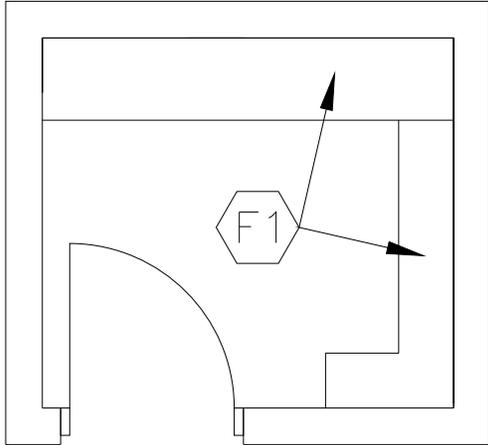
ENVIRONMENTAL CONSIDERATIONS:

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

Loose Furnishings:

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

STORAGE



CAPACITY:

- Staff

SIZE:

- Varies, see table

GOAL:

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

PROGRAM ACTIVITIES:

- Storing equipment and supplies

SPATIAL RELATIONSHIPS:

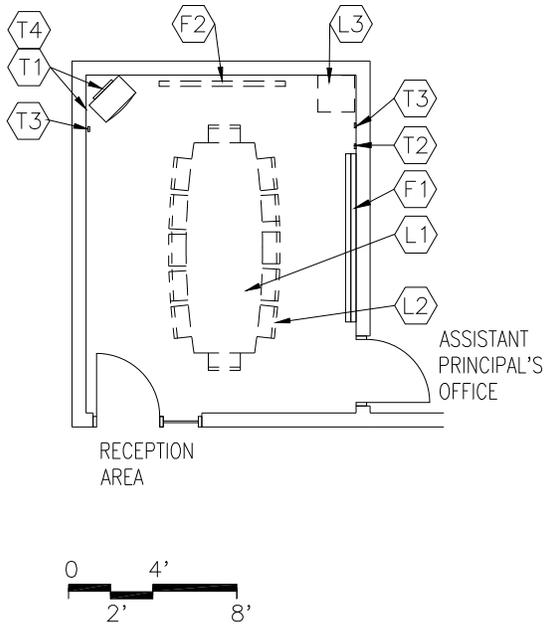
- Adjacent and access to Workroom

ENVIRONMENTAL CONSIDERATIONS:

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

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

CONFERENCE ROOM



CAPACITY:

- Staff
- Parents
- Students
- Visitors

SIZE:

- Varies, see table

Loose Furnishings:

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

GOAL:

- To provide a place for administrative conferences or meetings

SPATIAL RELATIONSHIPS:

- Adjacent and access to Workroom

ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY

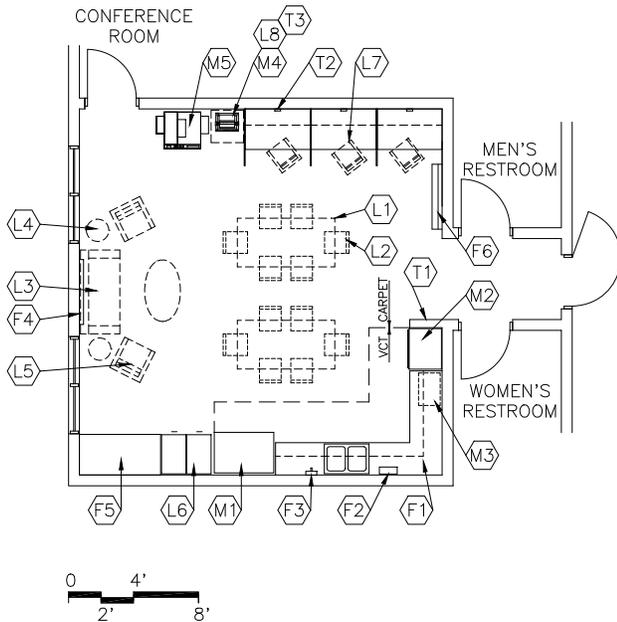
- Video, voice and data ports (per the District's most recent standards at the time of installation) flexible wired and wireless capability
- Design for computer aided presentations (electrical outlets from table for projection device, screen along short wall, light darkening capability)

Features¹:

Fixed Equipment:

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

TEAM AND WORKROOMS



CAPACITY:

- 5-12 Staff

SIZE:

- 200-450 SQ FT

GOAL:

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

Note: Networked printers will be located in the workrooms.

Loose Furnishings:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

TECHNOLOGY

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

BUILT-IN EQUIPMENT:

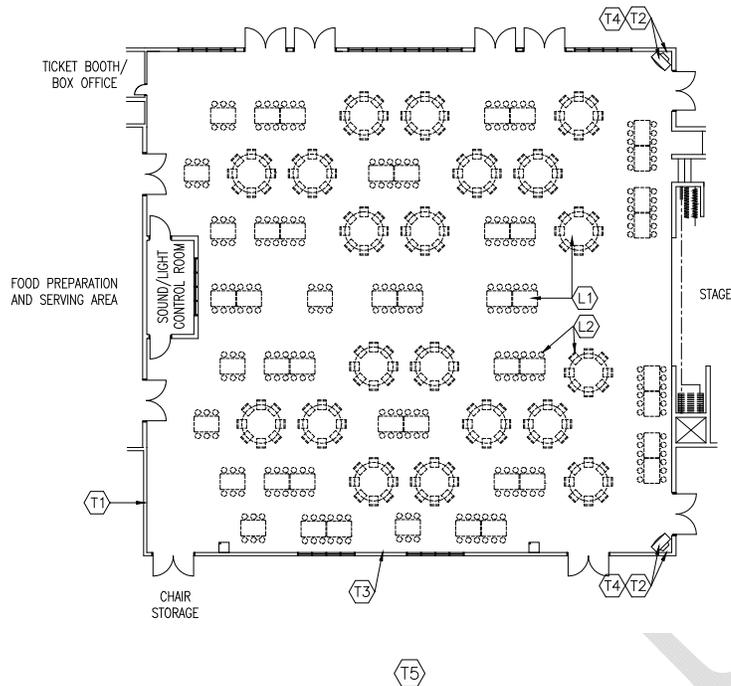
- Marker Boards (4 ft. X 4 ft.)
- A bulletin board (4 ft. X 4 ft.) should be provided if feasible.
- Sink, cabinets above and below, outlets along counter, refrigerator
- Counter top for sorting and cutting
- Clock

Student Dining & Food Service Space Requirements

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

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

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



CAPACITY:

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

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Kitchen (H-SD-2)

GOALS:

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

PROGRAM ACTIVITIES:

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

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

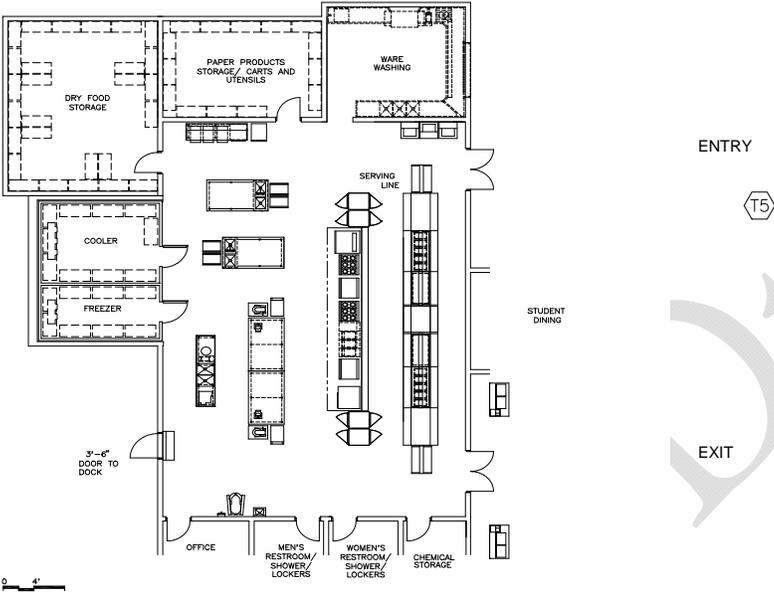
**CAFETERIA / COMMONS
H-SD-1**

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec Ref.#</u>
Flooring:		Fixed Equipment:	
Quartz tile	096618	N/A	
Base:		<u>Fire Suppression:</u>	Div.21
Resilient base	096519	Fire suppression system	
Porcelain tile base	093000		
Quarry tile base	093000	<u>Plumbing:</u>	Div. 22
Ceiling ² :		Drinking fountains	
Suspended, acoustical	095113	Plumbing connections	
Painted exposed structure	099123		
Walls:		<u>HVAC:</u>	Div. 23
Paint	099123	Supply/return air system	
Acoustical wall treatment (varies with geometry of room)	098400	Independent temperature control	
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
L1 Tables		Multilevel switching	
L2 Chairs		Fluorescent lighting	
Waste receptacles with lids		Illumination levels: See table 7600-16	
Recycling bins		Duplex receptacles along permanent perimeter walls	
<u>Miscellaneous:</u>		TVSS protected quad receptacle adjacent to each data and video ports	
N/A		Central sound system	
		Student dining sound system	
		Clocks	
		<u>Communications³:</u>	Div. 27
		T1 1 voice port and phone	
		T2 2 video ports, large screen monitors, VCR, and brackets	
		T3 1 data port	
		T4 2 cable/MATV ports	
		T5 Microphone jacks	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

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

KITCHEN



CAPACITY:

- Students
- Staff
- Community, as needed

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Cafeteria/Commons (H-SD-1)

GOAL:

- To prepare and serve student meals

PROGRAM ACTIVITIES:

- Preparing and serving food to students and staff
- Storage

SPATIAL RELATIONSHIPS:

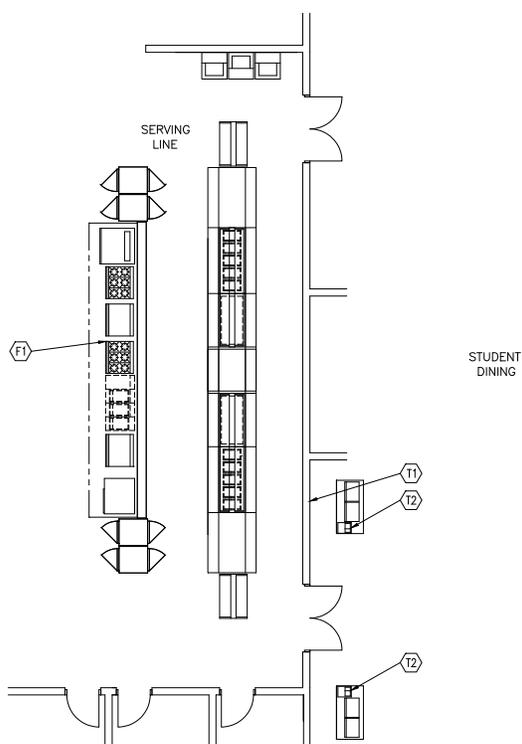
- Adjacent and access to Cafeteria/Commons
- Adjacent and access to Outdoor Loading Dock

ENVIRONMENTAL CONSIDERATIONS:

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

**KITCHEN
H-SD-5**

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		<u>Fire Suppression:</u>	Div. 21
Quarry tile	093000	Fire suppression system	
Base:		<u>Plumbing:</u>	Div. 22
Quarry tile base	093000	Connections to food service equipment	
Ceiling:		Plumbing and gas connections	
Cleanable, suspended, acoustical	095113	Hand washing lavatory	
Walls:		Floor drains	
Epoxy-painted concrete masonry units	042000 / 099123	<u>HVAC:</u>	Div. 23
<u>Features</u> (Specifications from DCPS):		Supply/return air system	
<u>Equipment:</u>		Independent temperature control	
• Pot washing sinks		Kitchen canopy exhaust system	
• Food Preparation Sinks		Air conditioning	
• Hand Sinks		<u>Electrical:</u>	Div. 26
• Work Tables		Single-level switching	
• Warming/Holding/Proofing Cabinets		Fluorescent lighting	
• Refrigeration - Reach-ins		Illumination level: See Table 7600-16	
• Storage shelving		Central sound system	
• Mop washing sink		Duplex receptacles along permanent perimeter walls	
• Exhaust Hood Systems, including Fire Suppression		Electrical supply to support equipment specified	
• Convection oven ,		Clock	
• Convection steamer		Circuits for portable generator	
• Range, with oven		TVSS protected quad receptacle adjacent to data and video ports	
• Tilt Skillet		<u>Communications²:</u>	Div. 27
• Combination Steamer/Oven		T1 1 voice port and phone	
• Pizza Oven, Deck oven or Conveyor Oven		T2 2 data ports at cash registers	
• Ware Washing Machine with appropriate accessories (tables, booster heater, disposer, etc.)		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

**CAPACITY:**

- Students
- Staff
- Community

SIZE:

- 20% of serving area

ANCILLARY SPACES:

- Kitchen (H-SD-5)

GOAL:

- To provide space and equipment to serve student meals

SPATIAL RELATIONSHIPS:

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

DESIGN GUIDE

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

Sample Lines and equipment needs below:

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

NOTES:

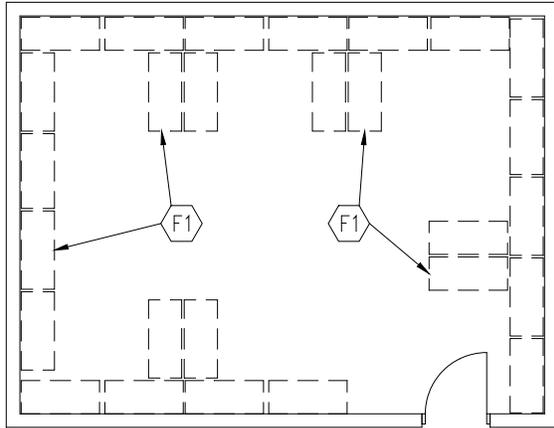
1. This is an example of a preparation area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.

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

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Quarry tile	093000	F1 Food service equipment	114000
Base:		<u>Fire Suppression:</u>	Div. 21
Quarry tile base	093000	Fire suppression system	
Ceiling:		<u>Plumbing:</u>	Div. 22
Cleanable, suspended, acoustical	095113	Connections to food service equipment	
Walls:		Plumbing and gas connections	
Epoxy-painted concrete masonry units	042000 / 099123	Hand washing lavatory	
		Floor drains	
<u>Loose Furnishings:</u>		<u>HVAC:</u>	Div. 23
N/A		Supply/return air system	
		Independent temperature control	
<u>Miscellaneous:</u>		Kitchen canopy exhaust system	
Cash registers		Air conditioning	
Stools		<u>Electrical:</u>	Div. 26
ENVIRONMENTAL CONSIDERATIONS:		Single-level switching	
• Uniform lighting		Fluorescent lighting	
• Cleanable building surfaces		Illumination level: See Table 7600-16	
• Proper ventilation of space to remove cooking odors		Central sound system	
• Electrical/plumbing/mechanical connections for food service equipment		Duplex receptacles along permanent perimeter walls	
• Staging for serving should not conflict with tray return to dishwashing area		Electrical supply to support equipment specified	
		Clock	
		Circuits for portable generator	
		TVSS protected quad receptacle adjacent to data and video ports	
		<u>Communications²:</u>	Div. 27
		T1 1 voice port and phone	
		T2 2 data ports at cash registers	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	

NOTES:

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



GOAL:

- To provide an area for food storage

PROGRAM ACTIVITIES:

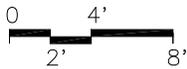
- Storage

SPATIAL RELATIONSHIPS:

- Adjacent and access to Kitchen
- Near delivery entrance

ENVIRONMENTAL CONSIDERATIONS:

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



CAPACITY:
N/A

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Kitchen (H-SD-5)

NOTES:

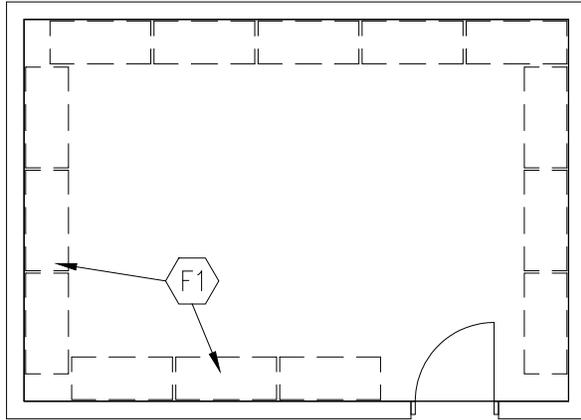
1. This is an example of a dry food storage area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.

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

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
Flooring:		Fixed Equipment:	
Quarry tile	093000	F1 Rust-resistant 24" deep shelving and dunnage racks	114000
Base:		<u>Fire Suppression:</u>	Div. 21
Quarry tile base	093000	Fire suppression system	
Ceiling:		<u>Plumbing:</u>	
Cleanable, suspended, acoustical	095113	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Epoxy-painted concrete masonry units	042000 / 099123	Exhaust air system	
<u>Loose Furnishings:</u>		Supply/return air system	
N/A		Independent temperature control	
		<u>Electrical:</u>	Div. 26
		Single level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Duplex receptacles	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

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



KITCHEN

GOAL:

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

PROGRAM ACTIVITIES:

- Storage

SPATIAL RELATIONSHIPS:

- Adjacent and access to Kitchen
- Adjacent to Serving Area

ENVIRONMENTAL CONSIDERATIONS:

- Uniform lighting
- Adequate ventilation
- Cleanable building services

CAPACITY:

N/A

SIZE:

- varies, see table

ANCILLARY SPACES:

- Kitchen (H-SD-5)

NOTES:

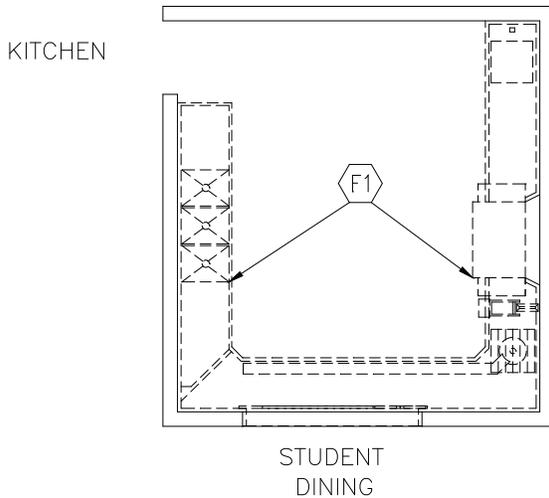
1. Loose furnishings and features shown represent one of many possible arrangements.

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

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
<u>Flooring:</u>		<u>Fixed Equipment:</u>	
Quarry tile	093000	F1 Rust-resistant shelving	114000
Resilient tile flooring	096519		
<u>Base:</u>		<u>Fire Suppression:</u>	Div. 21
Quarry tile base	093000	Fire suppression system	
Resilient base	096519		
<u>Ceiling:</u>		<u>Plumbing:</u>	
Cleanable, suspended, acoustical	095113	N/A	
<u>Walls:</u>		<u>HVAC:</u>	Div. 23
Epoxy-painted concrete masonry units	042000 / 099123	Exhaust air system	
		Supply/return air system	
		Independent temperature control	
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
N/A		Single level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Duplex receptacles	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	
		N/A	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

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

**GOAL:**

- To clean dishes, trays, and cutlery

PROGRAM ACTIVITIES:

- Washing trays, dishes, and cutlery

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

CAPACITY:

- Food Service Staff

SIZE:

- Varies, see table

ANCILLARY SPACES:

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

NOTES:

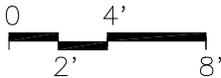
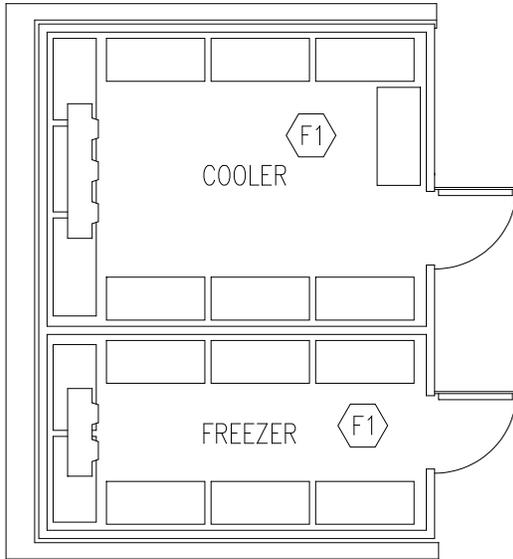
1. This is an example of a ware washing area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.

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

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
<u>Flooring:</u> Quarry tile	093000	<u>Fixed Equipment:</u> F1 Food service equipment Dish machine [no pant leg hood] Dish tables Soap dispenser Towel holder Hand sink Wash down station	114000
<u>Base:</u> Quarry tile base	093000		
<u>Ceiling:</u> Cleanable, suspended, acoustical	095113		
<u>Walls:</u> Epoxy-painted concrete masonry units 042000 / 099123		<u>Fire Suppression:</u> Fire suppression system	Div. 21
<u>Loose Furnishings:</u> N/A		<u>Plumbing:</u> Div. 22 Lavatory Connections to food service equipment Floor drains	
		<u>HVAC:</u> Div. 23 Supply/return air system Independent temperature control Exhaust hood system	
		<u>Electrical:</u> Div. 26 Single level switching Fluorescent lighting Illumination level: See Table 7600-16 Central sound system Duplex receptacles Connections to food service equipment	
		<u>Communications:</u> N/A	
		<u>Electronic Safety and Security:</u> Life safety devices per code	Div. 28
		<u>Miscellaneous:</u> N/A	

NOTES:

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

**CAPACITY:**

- Food service staff

SIZE:

- varies, see table

ANCILLARY SPACES:

- Kitchen (H-SD-2)

GOAL:

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

PROGRAM ACTIVITIES:

- Refrigerated storage of perishable products

SPATIAL RELATIONSHIPS:

- Adjacent and access to Kitchen
- Near delivery entrance

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

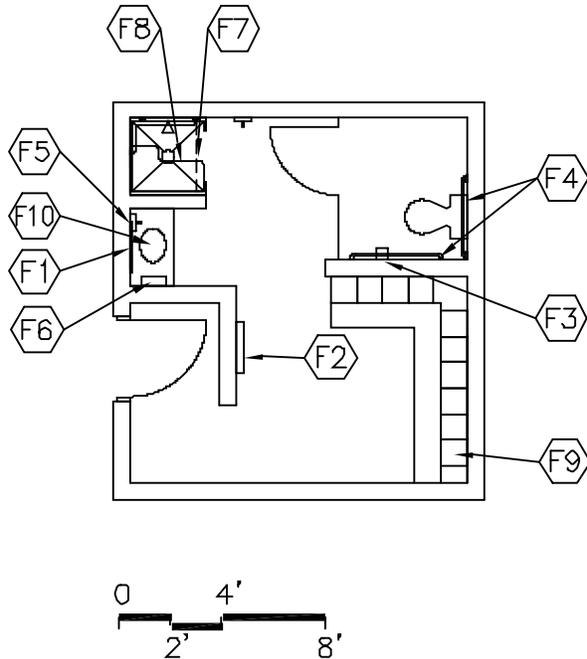
1. This is an example of a cooler/freezer. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools Food Service Department.

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

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

NOTES:

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



CAPACITY:

- Food service staff

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Kitchen (H-SD-5)

GOAL:

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

PROGRAM ACTIVITIES:

- Changing clothes
- Personal hygiene
- Showering

SPATIAL RELATIONSHIPS:

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

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

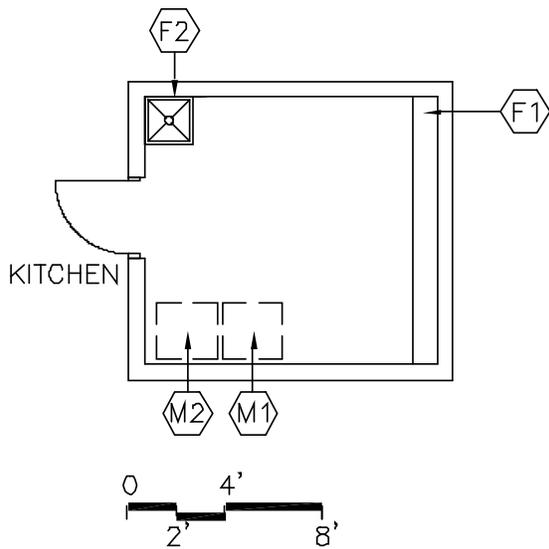
1. Loose furnishings and features shown represent one of many possible arrangements.
2. Shower shall be designed to accommodate conversion to an accessible shower, if necessary.

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

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
<u>Flooring:</u>		<u>Fixed Equipment:</u>	
Ceramic tile	093000	F1 Casework:	
		Cabinet	123200
<u>Base:</u>		F2 24" x 60" mirror	102800
Ceramic mosaic tile base	093013	F3 Toilet tissue holder	102800
		F4 36" and 42" grab bars	102800
<u>Ceiling:</u>		F5 Soap dispenser	102800
Restroom: Suspended, acoustical	095113	F6 Towel dispenser	102800
Shower: Painted portland		F7 Shower curtain and rod	102800
Cement plaster	092400 / 099123	F8 ADA shower accessories/seat	102800
		F9 Lockers	105113
<u>Walls:</u>		F10 16" x 24" mirror	102800
Restroom: Epoxy painted concrete			
masonry units	099123	<u>Fire Suppression:</u>	Div. 21
Shower: Ceramic tile	093013	Fire suppression system	
<u>Loose Furnishings:</u>		<u>Plumbing:</u> Div. 22	
Wastebasket		Wall-mounted water closet	
		Wall-mounted lavatory	
		Plumbing connections	
		ADA shower controls and head	
		Floor drains - in locker area and shower	
		<u>HVAC:</u> Div. 23	
		Exhaust air system	
		Supplemental heat as required	
		<u>Electrical:</u> Div. 26	
		Duplex receptacles	
		Single-level switching	
		Fluorescent lighting	
		Illumination level: See Table 7600-16	
		Central sound system	
		<u>Communications:</u>	
		N/A	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		N/A	

NOTES:

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

**GOAL:**

- To store chemicals used in cleaning and maintaining kitchen

PROGRAM ACTIVITY:

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

SPATIAL RELATIONSHIP:

- Adjacent and access to Kitchen

ENVIRONMENTAL CONSIDERATIONS:

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

CAPACITY:

- Food service personnel

SIZE:

- 150 SF

ANCILLARY SPACES:

- Kitchen (H-SD-5)

NOTES:

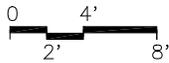
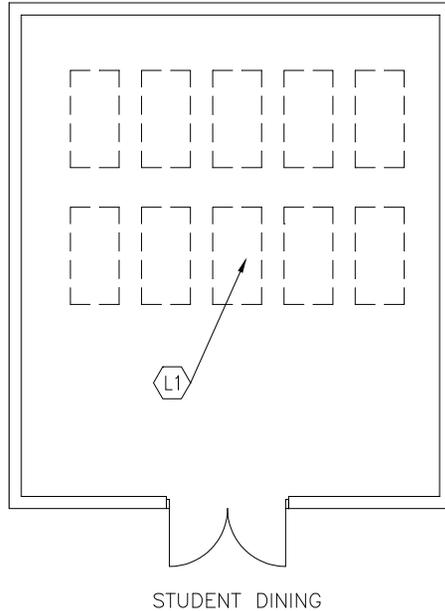
1. This is an example of a cleaning storage area. Food service equipment will vary from school to school; confirm requirements with District of Columbia Public Schools' Food Service Department.
2. Loose furnishings and features shown represent one of many possible arrangements.

CLEANING STORAGE**H-SD-7**

<u>Finishes¹:</u>	<u>Spec. Ref.#</u>	<u>Features¹:</u>	<u>Spec. Ref.#</u>
<u>Flooring:</u> Resilient tile flooring	096519	<u>Fixed Equipment:</u> F1 Rust-resistant shelving for chemicals F2 Mop rack	 114000 102800
<u>Base:</u> Resilient base	096519		
<u>Ceiling:</u> Cleanable, suspended, acoustical	095113	<u>Fire Suppression:</u> Fire suppression system	 Div. 21
<u>Walls:</u> Epoxy-painted concrete masonry units	042000 / 099123	<u>Plumbing:</u> Div. 22 Plumbing connections Service sink Washer Floor drain	
<u>Loose Furnishings:</u> N/A		<u>HVAC:</u> Div. 23 Exhaust air system Supply/return air system Independent temperature control Connections for washer and dryer	
		<u>Electrical:</u> Div. 26 Duplex receptacles Single-level switching Fluorescent lighting Illumination level: See Table 7600-16 Connections for washer and dryer	
		<u>Communications:</u> N/A	
		<u>Electronic Safety and Security:</u> Life safety devices per code	 Div. 28
		<u>Miscellaneous:</u> M1 Washer M2 Dryer	

NOTES:

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



CAPACITY:
N/A

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Cafeteria/Commons (H-SD-1)

GOAL:

- To provide convenient storage for tables and chairs

PROGRAM ACTIVITY:

- Storage

SPATIAL RELATIONSHIPS:

- Adjacent and access to Cafeteria/Commons

ENVIRONMENTAL CONSIDERATIONS:

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

NOTES:

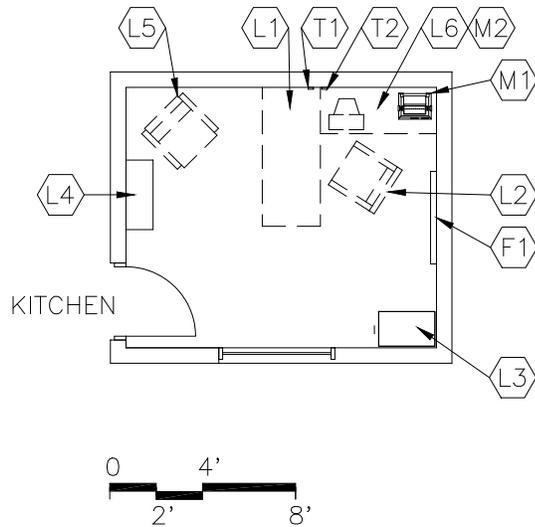
- Loose furnishings and features shown represent one of many possible arrangements.

CHAIR / TABLE STORAGEH-SD-8

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

NOTES:

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

**GOAL:**

- To provide an area to keep records and conduct business

PROGRAM ACTIVITIES:

- Scheduling
- Staff evaluations/discipline/meetings

SPATIAL RELATIONSHIP:

- Adjacent and access to Kitchen

ENVIRONMENTAL CONSIDERATIONS:

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

CAPACITY:

- Food service manager
- Food service staff

SIZE:

- Varies, see table

ANCILLARY SPACES:

- Kitchen (H-SD-2)

NOTES:

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

OFFICE**H-SD-9**

	Spec. Ref.#	Features ¹ :	Spec. Ref.#
<u>Finishes¹:</u>			
Flooring:		<u>Fixed Equipment:</u>	
Resilient tile flooring	096519	F1 Tack board (4 LF)	101100
Base:		<u>Fire Suppression:</u>	Div. 21
Resilient base	096519	Fire suppression system	
Ceiling:		<u>Plumbing:</u>	
Suspended, acoustical	095113	N/A	
Walls:		<u>HVAC:</u>	Div. 23
Painted concrete masonry units	042000 / 099123	Supply/return air system	
		Independent temperature control	
<u>Loose Furnishings:</u>		<u>Electrical:</u>	Div. 26
L1 Desk		Duplex receptacles	
L2 Ergonomic task chair		TVSS protected quad receptacle adjacent to data port	
L3 1, 4-drawer locking file cabinet		Single-level switching	
L4 Adjustable height bookshelves (12 LF)		Fluorescent lighting	
L5 Guest chair		Illumination level: See Table 7600-16	
L6 Computer workstation		Clock	
Wastebasket		Central sound system	
		<u>Communications²:</u>	Div. 27
		T1 Voice port and phone	
		T2 Data port	
		<u>Electronic Safety and Security:</u>	Div. 28
		Life safety devices per code	
		<u>Miscellaneous:</u>	
		M1 Printer	
		M2 Computer	

NOTES:

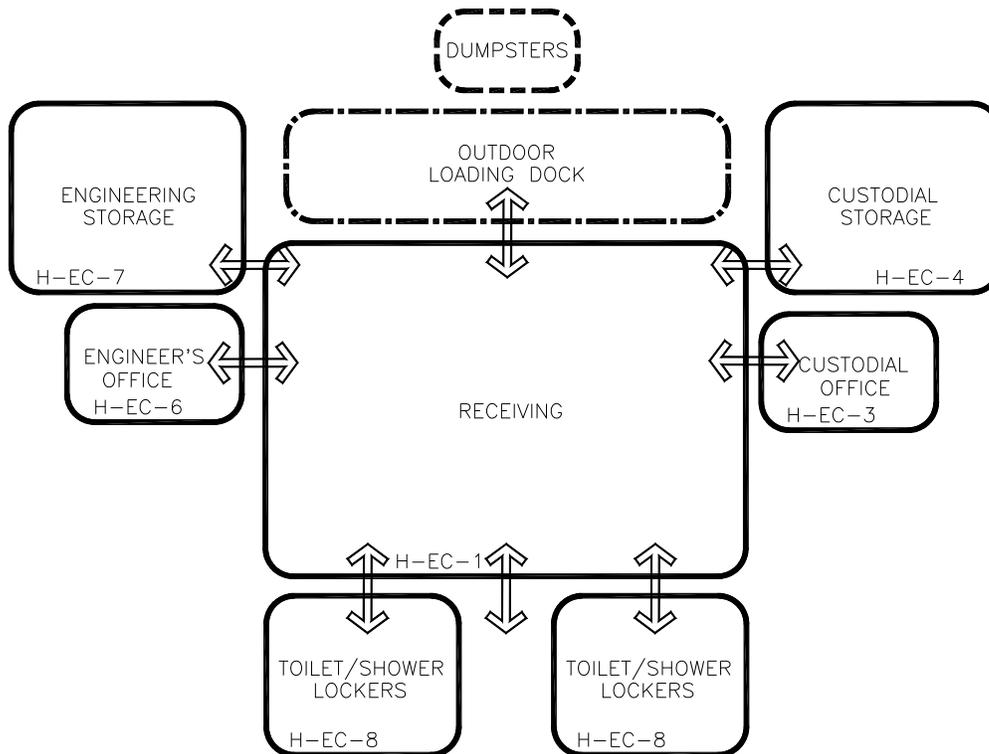
1. Finishes/Features: Refer to Chapter 8 for specification references.
2. Refer to the Educational Specifications – Technology, Section 1240.

STAY Dedicated Space

Space				Comments
	Qty.	S.F.	Total	
Computer Lab	1	900	900	
Cosmetology/Barbering Lab/classroom	1	2,900	2,900	
Administration Suite			0	
Welcome Center	1	250	250	
Principal Office	1	150	150	
Business Manager	1	150	150	
Instructional Coach	1	150	150	
Registrar/Attendance	1	200	200	
Student support suite	1	800	800	Office/4 cubicles/reception
Conference room	1	300	300	
Teacher work room/lounge	1	400	400	
Storage	1	300	300	
External Diploma Program	1	800	800	Office/4 cubicles/reception
Maintenance Office/supplies	1	200	200	
Total			7,500	

Maintenance & Custodial Space Requirements

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

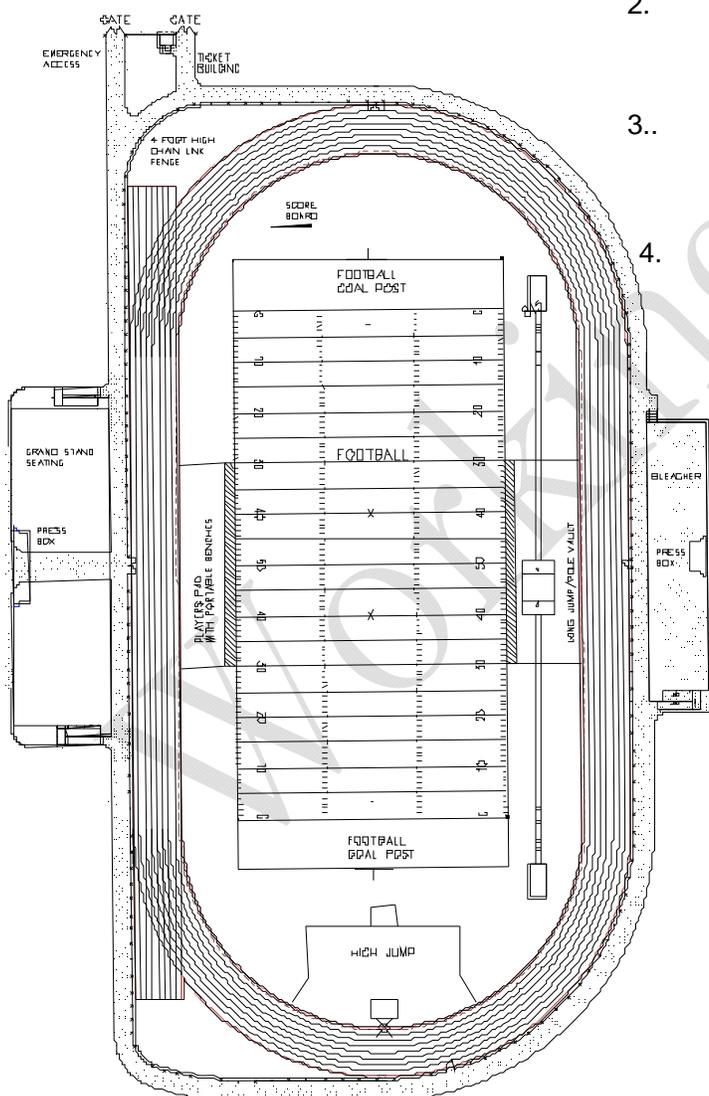


PHYSICAL EDUCATION FIELDS

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

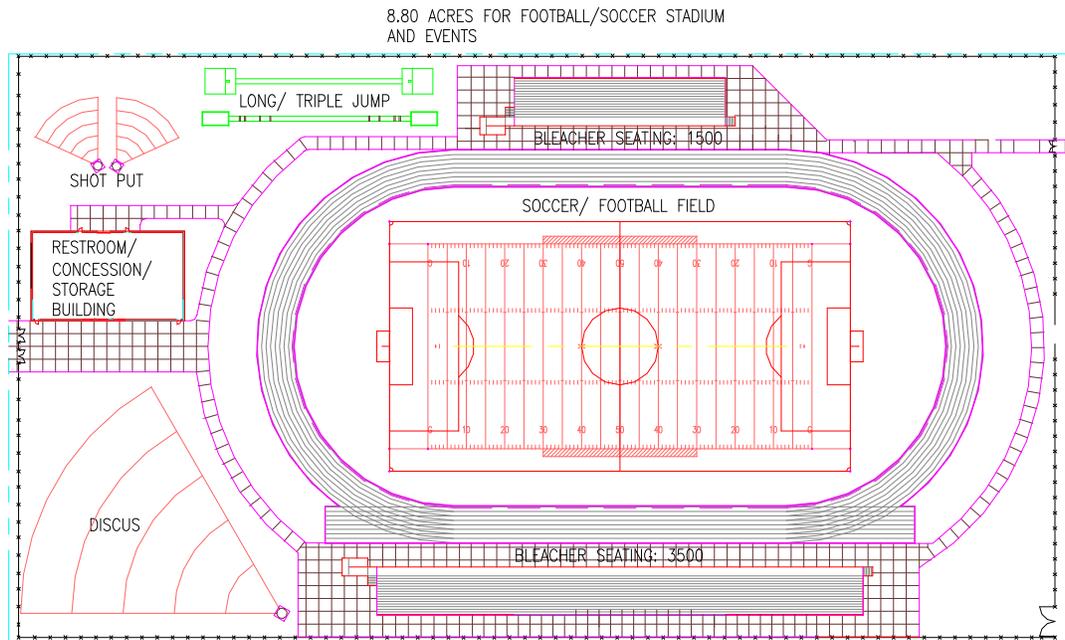
A. FOOTBALL FIELD

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



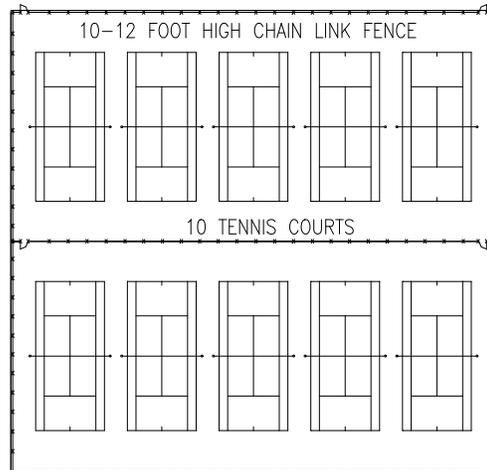
RUNNING TRACK

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



B. TENNIS COURTS

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



C. MULTIPURPOSE FIELD

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

Stadium Support Facilities

- 1) These areas shall be located centrally to all competitive athletic fields. Locate the ticket booth so that it creates a main gate area for the public attending outdoor competitive sporting events.
- 2) **Restrooms (2 @ 300 SF)** May be in the main building
 - Restrooms (Male & Female) shall have steel, securable entrance doors.
 - Ceilings shall be hard – no lay-in ceiling.
 - Restroom partitions and fixtures shall be durable
 - Forced ventilation shall be provided in restrooms.
 - The restroom area floor surface shall be non-slip epoxy resin sloped to a floor drain. Note: Maintenance of the floor will include mopping so that the texture of the epoxy resin cannot be excessively rough.
 - The restroom walls shall be block with epoxy paint.
- 3) **Ticket Booth (60 SF)**
 - This will be an unsecured building when not in use
 - The utility closet floor shall be sealed concrete.
- 4) **Concessions Stand (600 SF)**
 - This building will be centrally located with window facing the home and visitors sides.
 - The concession stand shall include serving windows and counters to accommodate up to four lines of customers.
 - The concession stand shall be equipped with plumbing and electrical outlets for popcorn poppers, coffee makers, microwaves, ice machine, etc.
 - The concessions stand floor shall be sealed concrete.
- 5) **Storage (200 SF)**
 - The storage area shall have an overhead door plus a steel personnel door.
 - The storage area shall include electrical outlets for lighting.
 - The storage area shall include shelving for storage of small equipment
 - The storage room shall be provided with sufficient ventilation.
 - The storage area floor shall be sealed concrete.
- 7) **Stadium Press Box (600 SF)**
 - This building shall be located on the home side at the football/soccer/track stadium.
 - The press box shall be a minimum of 640 SF.
 - The press box shall be totally enclosed with sufficient glazing to provide an unobstructed view of the entire track and playing field area.
 - The front windows of the press box shall be operable.
 - A high desk counter shall be provided under the front press box windows.

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

Working Draft

Attachment B

Form of Offer Letter

Attachment B

[Offeror's Letterhead]

[Insert Date]

District of Columbia Department of General Services
2000 14th Street, NW
Washington, DC 20009

Att'n: Mr. Brian Hanlon
Director

Reference: Request for Proposals
Design-Build Services for Roosevelt High School

On behalf of [INSERT NAME OF BIDDER] (the "Offeror"), I am pleased to submit this proposal in response to the Department of General Services' (the "Department" or "DGS") Request for Proposals (the "RFP") to provide Design-Build Services for Roosevelt High School. The Offeror has reviewed the RFP and the attachments thereto, any addenda thereto, and the proposed Form of Contract (collectively, the "Bid Documents") and has conducted such due diligence and analysis as the Offeror, in its sole judgment, has deemed necessary in order to submit its Proposal in response to the RFP. The Offeror's proposal, the Preconstruction Fee, the Design-Build Fee (as defined in paragraph A), and the General Conditions Budget (as defined in paragraph B), are based on the Bid Documents as issued and assume no material alteration of the terms of the Bid Documents. (Collectively, the proposal, the Preconstruction Fee, the Design-Build Fee, and the General Conditions Budget are referred to as the "Offeror's Bid".)

The Offeror's Bid is as follows:

- A. The Preconstruction Fee is: \$ _____
- The Design-Build Fee is: \$ _____

The Offeror acknowledges and understands that the Preconstruction Fee, and the Design-Build Fee are firm, fixed prices and other than as permitted in the Form of Contract will not be subject to further adjustment. The Offeror also acknowledges that ten (10%) of the Design-Build Fee is at-risk, and the selected Offeror will only be entitled to such amount as set forth in the Form of Contract.

- B. The estimated cost of the Design-Builder's general conditions (the "General Conditions Budget") is set forth below. The General Conditions Budget consists of the following elements:

Cost of construction staff (only field staff are reimbursable)	\$ _____
Fringe Benefits associated with field staff costs	\$ _____

Payroll taxes and payroll insurance associated with field staff costs	\$ _____
Staff costs associated with obtaining permits and approvals	\$ _____
Out-of-house consultants	\$ _____
Travel, Living and Relocation expenses	\$ _____
Job vehicles	\$ _____
Field office for CM including but not limited to:	\$ _____
• Trailer purchase and/or rental	
• Field office installation, relocation and removal	
• Utility connections and charges during the Construction Services phase	
• Furniture	
• Field offices for the Office and Program Manager	
• Office supplies	
Office equipment including but not limited to:	\$ _____
• Computer hardware and software	
• Fax machines	
• Copy machines	
• Telephone installation, system and uses charges	
Job radios	\$ _____
Local delivery and overnight delivery costs	\$ _____
Field computer network	\$ _____
Watchmen	\$ _____
First aid facility	\$ _____
Progress photos	\$ _____
Consumption charges for utility service during construction	\$ _____
Printing cost for drawings, bid packages, etc.	\$ _____
Other (please itemize)	\$ _____
 Total General Conditions Budget	 \$ _____

The Offeror acknowledges and understands that the General Conditions Budget will be incorporated into the contract and that the Offeror will not be permitted to exceed the General Conditions Budget unless it first obtains the written approval of the Department.

- C. In addition, the Offeror hereby represents that, based on its current rating with its surety, the indicated cost of a payment and performance bond is [INSERT PERCENTAGE].

The Offeror's Bid is based on and subject to the following conditions:

1. The Offeror agrees to hold its proposal open for a period of at least one hundred and twenty (120) days after the date of the bid.
2. Assuming the Offeror is selected by the Department and subject only to the changes requested in paragraph 5, the Offeror agrees to enter into a contract with the Department on the terms and conditions described in the Bid Documents within ten (10) days of the notice of the award.

3. Both the Offeror and the undersigned represent and warrant that the undersigned has the full legal authority to submit this bid form and bind the Offeror to the terms of the Offeror's Bid. The Offeror further represents and warrants that no further action or approval must be obtained by the Offeror in order to authorize the terms of the Offeror's Bid.

4. The Offeror and its principal team members hereby represent and warrant that they have not: (i) colluded with any other group or person that is submitting a proposal in response to the RFP in order to fix or set prices; (ii) acted in such a manner so as to discourage any other group or person from submitting a proposal in response to the RFP; or (iii) otherwise engaged in conduct that would violate applicable anti-trust law.

5. The Offeror's proposal is subject to the following requested changes to the Form of Contract: [INSERT REQUESTED CHANGES. OFFERORS ARE ADVISED THAT THE CHANGES SO IDENTIFIED SHOULD BE SPECIFIC SO AS TO PERMIT THE DEPARTMENT TO EVALUATE THE IMPACT OF THE REQUESTED CHANGES IN ITS REVIEW PROCESS. GENERIC STATEMENTS, SUCH AS "A MUTUALLY ACCEPTABLE CONTRACT" ARE NOT ACCEPTABLE. OFFERORS ARE FURTHER ADVISED THAT THE DEPARTMENT WILL CONSIDER THE REQUESTED CHANGES AS PART OF THE EVALUATION PROCESS.]

6. The Offeror hereby certifies that neither it nor any of its team members have entered into any agreement (written or oral) that would prohibit any contractor, subcontractor or subconsultant that is certified by the District of Columbia Office of Department of Small and Local Business Enterprises as a Local, Small, Resident Owned or Disadvantaged Business Enterprise (collectively, "LSDBE Certified Companies") from participating in the work if another company is awarded the contract.

7. This bid form and the Offeror's Bid are being submitted on behalf of [INSERT FULL LEGAL NAME, TYPE OF ORGANIZATION, AND STATE OF FORMATION FOR THE OFFEROR].

Sincerely,

By: _____
Name: _____
Its: _____

Attachment C

Disclosure Statement

Attachment C

The Offeror and each of its principal team members, if any, must submit a statement that discloses any past or present business, familiar or personal relationship with any of the following individuals:

A. D.C. Department of General Services

Brian J. Hanlon	Director
Scott Burrell	Chief Operating Officer
JW Lanum	Associate Director, Contracts and Procurement Division
Camille Sabbakhan	General Counsel
Charles J. Brown, Jr.	Deputy General Counsel

Please identify any past or present business, familiar, or personal relationship in the space below. Use extra sheets if necessary.

B. Leftwich & Ludaway

Thomas D. Bridenbaugh

Please identify any past or present business, familiar, or personal relationship in the space below. Use extra sheets if necessary.

C. Brailsford & Dunlavey
McKissack & McKissack

Please identify any past or present business, familiar, or personal relationship in the space below. Use extra sheets if necessary.

This is to certify that, to the best of my knowledge and belief and after making reasonable inquiry, the above represents a full and accurate disclosure of any past or present business, familiar, or personal relationship with any of the individuals listed above. The undersigned acknowledges and understands that this Disclosure Statement is being submitted to the False Claims Act and that failure to disclose a material relationship(s) may constitute sufficient grounds to disqualify the Offeror.

OFFEROR:

By: _____

Name: _____

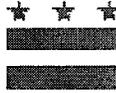
Title: _____

Date: _____

Attachment D

Tax Affidavit

GOVERNMENT OF THE DISTRICT OF COLUMBIA
Office of the Chief Financial Officer
Office of Tax and Revenue



TAX CERTIFICATION AFFIDAVIT

THIS AFFIDAVIT IS TO BE COMPLETED ONLY BY THOSE WHO ARE REGISTERED TO CONDUCT BUSINESS IN THE DISTRICT OF COLUMBIA.

Date

Authorized Agent
Name of Organization/Entity
Business Address (include zip code)
Business Phone Number

Authorized Agent
Principal Officer Name and Title
Square and Lot Information
Federal Identification Number
Contract Number
Unemployment Insurance Account No.

I hereby authorize the District of Columbia, Office of the Chief Financial Officer, Office of Tax and Revenue to release my tax information to an authorized representative of the District of Columbia agency with which I am seeking to enter into a contractual relationship. I understand that the information released will be limited to whether or not I am in compliance with the District of Columbia tax laws and regulations solely for the purpose of determining my eligibility to enter into a contractual relationship with a District of Columbia agency. I further authorize that this consent be valid for one year from the date of this authorization.

I hereby certify that I am in compliance with the applicable tax filing and payment requirements of the District of Columbia. The Office of Tax and Revenue is hereby authorized to verify the above information with the appropriate government authorities.

Signature of Authorizing Agent

Title

The penalty for making false statement is a fine not to exceed \$5,000.00, imprisonment for not more than 180 days, or both, as prescribed by D.C. Official Code §47-4106.

Attachment E

Davis-Bacon Wage Rates

General Decision Number: DC130002 02/22/2013 DC2

Superseded General Decision Number: DC20120002

State: District of Columbia

Construction Type: Building

County: District of Columbia Statewide.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Modification Number	Publication Date
0	01/04/2013
1	01/25/2013
2	02/01/2013
3	02/22/2013

ASBE0024-007 10/01/2012

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR.....	\$ 33.13	13.60

Includes the application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems

ASBE0024-008 10/01/2012

	Rates	Fringes
ASBESTOS WORKER: HAZARDOUS MATERIAL HANDLER.....	\$ 20.86	5.61

Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems

ASBE0024-014 10/01/2012

	Rates	Fringes
FIRESTOPPER.....	\$ 26.06	6.05

Includes the application of materials or devices within or around penetrations and openings in all rated wall or floor assemblies, in order to prevent the passage of fire, smoke of other gases. The application includes all components involved in creating the rated barrier at perimeter slab edges and exterior cavities, the head of gypsum board or concrete walls, joints between rated wall or floor components, sealing of penetrating items and blank openings.

BRDC0001-002 05/01/2012

	Rates	Fringes
BRICKLAYER.....	\$ 27.89	7.76

CARP0132-008 10/01/2012

	Rates	Fringes
CARPENTER, Includes Drywall Hanging, Form Work, and Soft Floor Laying-Carpet.....	\$ 26.61	7.98
PILEDRIVERMAN.....	\$ 25.77	8.15

CARP1831-002 04/01/2012

	Rates	Fringes
MILLWRIGHT.....	\$ 27.96	12.20

ELEC0026-016 11/05/2012

	Rates	Fringes
ELECTRICIAN, Includes Installation of HVAC/Temperature Controls.....	\$ 40.00	14.30

ELEC0026-017 09/01/2012

	Rates	Fringes
ELECTRICAL INSTALLER (Sound & Communication Systems).....	\$ 25.55	3%+7.77

SCOPE OF WORK: Includes low voltage construction, installation, maintenance and removal of teledata facilities (voice, data and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, railroad communications, micro waves, VSAT, bypass, CATV, WAN (Wide area networks), LAN (Local area networks) and ISDN (Integrated systems digital network).

WORK EXCLUDED: The installation of computer systems in industrial applications such as assembly lines, robotics and computer controller manufacturing systems. The installation of conduit and/or raceways shall be installed by Inside Wiremen. On sites where there is no Inside Wireman employed, the Teledata Technician may install raceway or conduit not greater than 10 feet. Fire alarm work is excluded on all new construction sites or wherever the fire alarm system is installed in conduit. All HVAC control work.

ELEV0010-001 01/01/2012

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 39.70	23.535+a+b

a. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, Christmas Day and the Friday after Thanksgiving.

b. VACATIONS: Employer contributes 8% of basic hourly rate for 5 years or more of service; 6% of basic hourly rate for 6 months to 5 years of service as vacation pay credit.

IRON0005-005 06/01/2012

	Rates	Fringes
IRONWORKER, STRUCTURAL AND ORNAMENTAL.....	\$ 29.55	14.995

IRON0201-006 05/01/2012

	Rates	Fringes
IRONWORKER, REINFORCING.....	\$ 26.50	16.68

* LABO0657-015 06/01/2012

	Rates	Fringes
LABORER: Skilled.....	\$ 21.26	6.83

FOOTNOTE: Potmen, power tool operator, small machine operator, signalmen, laser beam operator, waterproofer, open caisson, test pit, underpinning, pier hole and ditches, ladders and all work associated with lagging that is not expressly stated, strippers, operator of hand derricks, vibrator operators, pipe layers, or tile layers, operators of jackhammers, paving breakers, spaders or any machine that does the same general type of work, carpenter tenders, scaffold builders, operators of towmasters, scootcretes, buggymobiles and other machines of similar character, operators of tampers and rammers and other machines that do the same general type of work, whether powered by air, electric or gasoline, builders of trestle scaffolds over one tier high and sand blasters, power and chain saw operators used in clearing, installers of well points, wagon drill operators, acetylene burners and licensed powdermen, stake jumper, structural demolition.

MARB0002-004 05/01/2012

	Rates	Fringes
MARBLE/STONE MASON.....	\$ 33.08	14.59

INCLUDING pointing, caulking and cleaning of All types of masonry, brick, stone and cement EXCEPT pointing, caulking, cleaning of existing masonry, brick, stone and cement (restoration work)

MARB0003-006 05/01/2011

	Rates	Fringes
TERRAZZO WORKER/SETTER.....	\$ 26.04	9.89

MARB0003-007 05/01/2011

	Rates	Fringes
TERRAZZO FINISHER.....	\$ 20.48	8.74

MARB0003-008 05/01/2011

	Rates	Fringes
TILE SETTER.....	\$ 25.29	9.89

MARB0003-009 05/01/2011

	Rates	Fringes
TILE FINISHER.....	\$ 20.48	8.74

PAIN0051-014 06/01/2012

	Rates	Fringes
GLAZIER		
Glazing Contracts \$2 million and under.....	\$ 24.17	9.36
Glazing Contracts over \$2 million.....	\$ 27.14	9.36

PAIN0051-015 06/01/2012

	Rates	Fringes
PAINTER		
Brush, Roller, Spray and Drywall Finisher.....	\$ 24.14	8.91

PLAS0891-005 07/01/2011

	Rates	Fringes
PLASTERER.....	\$ 27.66	5.82

PLAS0891-006 05/01/2010

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 27.15	9.58

PLAS0891-007 08/01/2011

	Rates	Fringes
FIREPROOFER		
Handler.....	\$ 15.00	3.89
Mixer/Pump.....	\$ 17.00	3.89
Sprayer.....	\$ 21.50	3.89

Spraying of all Fireproofing materials. Hand application of Fireproofing materials. This includes wet or dry, hard or soft. Intumescent fireproofing and refraction work, including, but not limited to, all steel beams, columns, metal decks, vessels, floors, roofs, where ever fireproofing is required. Plus any installation of thermal and acoustical insulation. All that encompasses setting up for Fireproofing, and taken down. Removal of fireproofing materials and protection. Mixing of all materials either by hand or machine following manufactures standards.

PLUM0005-008 08/01/2012

	Rates	Fringes
PLUMBER		
Apartment Buildings over 4 stories (except hotels).....	\$ 23.41	9.51+a
ALL Other Work.....	\$ 38.17	15.75+a

a. PAID HOLIDAYS: Labor Day, Veterans' Day, Thanksgiving Day and the day after Thanksgiving, Christmas Day, New Year's Day, Martin Luther King's Birthday, Memorial Day and the Fourth of July.

 PLUM0602-008 08/01/2012

	Rates	Fringes
PIPEFITTER, Includes HVAC Pipe Installation.....	\$ 37.62	18.07+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and the day after Thanksgiving and Christmas Day.

 ROOF0030-016 09/01/2012

	Rates	Fringes
ROOFER.....	\$ 26.90	10.18

 SFDC0669-002 01/01/2013

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 30.53	17.62

 SHEE0100-015 07/01/2012

	Rates	Fringes
SHEET METAL WORKER (Including HVAC Duct Installation).....	\$ 38.39	14.54

 SUDC2009-003 05/19/2009

	Rates	Fringes
LABORER: Common or General.....	\$ 13.04	2.80
LABORER: Mason Tender - Cement/Concrete.....	\$ 15.40	2.85

LABORER: Mason Tender for pointing, caulking, cleaning of existing masonry, brick, stone and cement structures (restoration work); excludes pointing, caulking and cleaning of new or replacement masonry, brick, stone and cement.....\$ 11.67

POINTER, CAULKER, CLEANER, Includes pointing, caulking, cleaning of existing masonry, brick, stone and cement structures (restoration work); excludes pointing, caulking, cleaning of new or replacement masonry, brick, stone or

cement.....\$ 18.88

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change

until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

Attachment F

Bid Guaranty Certification

Attachment F

Certification Letter for Cashier's Check or Irrevocable Letter of Credit

Offerors who submit a cashier's check or an irrevocable letter of credit ("Alternate Bid Security") in lieu of a bid bond must also submit this certification, properly notarized, with their proposal. By executing this document, Offeror acknowledges that, if awarded this contract, Offeror shall be required to post promptly a payment and performance bond equal to the full value of the contract. In the event Offeror fails to post such payment and performance bond, the Offeror understands and agrees that: (i) the Department shall draw upon the Alternate Bid Security as liquidated damages; (ii) the award and/or contract shall be terminated; (iii) for a period of two (2) years thereafter, the Department will not accept from such Offeror Alternate Bid Security in lieu of a bid bond; and (iv) the Offeror hereby waives the right to protest the termination of any such award or contract. The Offeror further acknowledges and agrees that the damages the Department would experience in the event such award or contract are terminated due to the Offeror's failure to post a payment and performance bond are difficult to determine and that the value of the Alternate Bid Security represents a reasonable estimate of the damages the Department would incur.

By: _____
Name: _____
Title: _____
Date: _____

District of Columbia) ss:

On the ___ day of _____, 2013, before me, a notary public in and for the District of Columbia, personally appeared _____, who acknowledged himself/herself to be _____ of _____, and that he/she as such, being authorized to do so, executed the foregoing instrument for the purposes therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

Notary Public
My Commission Expires: _____