



City of Falls Church, Virginia
and
Falls Church City School Board

Request for Conceptual Proposals
Pursuant to
The Public-Private Education Facilities
and Infrastructure Act (PPEA)

To Include

A New or Renovated George Mason High School,
Expansion of the Existing Mary Ellen Henderson Middle School
and
Commercial Development

Issue Date: July 30, 2015

RFP No.: 0730-15GMHS-PPEA

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1.0 INTRODUCTION

The Falls Church City School Board (“School Board”) and the City of Falls Church, Virginia (“City”) have issued this Request for Conceptual Proposals (“RFP”) and are conducting this procurement pursuant to The Public-Private Education Facilities and Infrastructure Act of 2002, Section 56-575.1 *et seq.* of the *Code of Virginia* (“PPEA”), as amended, and the School Board’s and the City’s PPEA Implementation Guidelines.¹ The purpose of this RFP is to solicit conceptual-phase proposals (“Conceptual Proposals”) from qualified private entities for delivery of a project (“Project”) combining (i) replacement of the existing George Mason High School; (ii) expansion of the existing Mary Ellen Henderson Middle School; and (iii) redevelopment and commercialization of a portion of the school campus to generate revenue to help fund the capital costs of the new and expanded school facilities, create a sense of place, and bring desirable commercial activity and amenities to the City. The Project is described in more detail in Section 2.0.

With respect to this PPEA procurement, each of the School Board and the City will serve as a responsible public entity. The School Board and the City anticipate (i) entering into a single comprehensive agreement for the Project with a private entity and (ii) including the School Board as a party to the comprehensive agreement for the limited purpose of the school projects and including the City as a party to the comprehensive agreement for the limited purposes of the redevelopment, along with its required approval of the school projects. Consistent with this approach, both the City Council and the School Board must act prior to entry into any agreement resulting from this procurement.

The City and the School Board have adopted nearly identical PPEA Implementation Guidelines. However, in order to avoid any confusion in the administration of the procurement process and related ministerial matters, the School Board’s PPEA Implementation Guidelines will take priority and all references to the “Guidelines” contained in this RFP shall be deemed to mean the School Board’s PPEA Implementation Guidelines. However, the reference to these Guidelines in no manner suggests that the School Board will be the sole decision-maker in this procurement. To the contrary, both the School Board and the City will make substantive and policy decisions related to the Project and procurement with respect to issues or matters that fall within their respective scopes of responsibility.

In a manner designed to maximize competition, the School Board and the City, through this RFP, seek information that will enable them to identify:

- (i) Proposers qualified to successfully execute the Project; and
- (ii) Concepts that should be further explored and developed for the design and construction of the new school facilities in conjunction with redevelopment and

¹ The School Board adopted its most recent PPEA Implementation Guidelines on July 14, 2015. A copy of the guidelines is available at www.fccps.org/facilities/documents. The City adopted its most recent PPEA Implementation Guidelines on July 27, 2015. A copy of the guidelines is available at www.fallschurchva.gov/CampusRedevelopment.

commercialization of adjacent property, with revenues therefrom to help the School Board and the City to (i) fund the capital costs associated with the school facilities and (ii) spur further economic development.

Each Proposer's Conceptual Proposal must meet all of the requirements established by this RFP. Failure to meet an RFP requirement may render a Proposer's Conceptual Proposal non-responsive.

The School Board and the City will evaluate the Conceptual Proposals based upon the evaluation criteria set forth in this RFP. Based upon the School Board's and the City's evaluation of the Conceptual Proposals, the School Board and the City may, in their sole discretion, invite one or more Proposers to submit detailed proposals in response to a Request for Detailed Proposals ("RFDP"). The collective objective of the City and the School Board is to enter into a comprehensive agreement under the PPEA and other applicable law with a private entity best suited to satisfy the City's and the School Board's goals of the Project as described in Section 2.2.

2.0 PROJECT INFORMATION

2.1 Project Overview

The School Board and the City own parcels of land totaling 34.6 acres ("Parcels") near the intersection of Route 7 (Leesburg Pike) and Interstate 66. A map showing the location of this land more precisely is attached as Appendix A. The existing George Mason High School ("High School") and Mary Ellen Henderson Middle School ("Middle School") are located on this land. A survey of the Parcels, which shows the known location of identified existing utilities and other infrastructure (including sanitary sewer), is attached as Appendix B.

The Parcels became part of the City in 2013 pursuant to a voluntary boundary adjustment agreement. Prior to that time, although owned by the School Board and the City, the Parcels were in Fairfax County, Virginia. Under the terms of that agreement, the School Board and the City may use up to 30% of the total acreage of the Parcels (approximately 10.38 acres) for any lawful purpose, including commercial development. The remaining acreage must be used exclusively for school purposes for a period of 50 years from the date of the agreement.

The School Board and the City wish to permit development of up to 10.38 acres of the Parcels and use the short- and long-term proceeds of that development to (i) help fund replacement of the High School and expansion of the Middle School and (ii) spur further economic development.

The School Board and the City also have performed some preliminary analysis of potential configurations of the Parcels, which includes site configurations to accommodate the new and expanded school facilities and areas for commercial development.

Certain other background documents relevant to the Project (or portions thereof) are available at www.fallschurchva.gov/CampusRedevelopment, which may be updated from time to time.

2.2 Project Goals

The goals of the Project are set forth below.

- A. Replace or renovate the existing George Mason High School and expand the existing Mary Ellen Henderson Middle School so that both schools can accommodate increasing student enrollment and provide modern educational environments consistent with (i) the policies of the School Board, (ii) the mission, values, goals and objectives of Falls Church City Public Schools (“FCCPS”), and (iii) the general ambiance of the City.
- B. Redevelop up to 10.38 acres of the Parcels for high-quality commercial uses that will benefit the City and its residents, and that will encourage economic development in the western part of the City.
- C. Maximize the short- and long-term economic benefit of the redeveloped portion of the Parcels to (i) help fund the capital costs of the new and expanded school facilities and (ii) spur further economic development. The School Board and the City wish to deliver the new and expanded school facilities with minimal or no general tax rate increases, to the extent possible.
- D. Maximize competition among potential Proposers for the Project.

2.3 Project Scope of Work

The Project scope of work includes the following elements.

A. George Mason High School

Design and build a new George Mason High School, including playing fields, on the Parcels. Delivery of the new high school may be accomplished by demolishing the existing school in its entirety and constructing a new school or by renovating all or part of the existing school. Any proposed renovations of the existing school must conform to the requirements set out in Paragraph 2(C) of Appendix C. Proposals also should include an alternative concept that provides for construction of a new swimming pool, as further described in Attachment 10 to Appendix C.

The new high school is expected to accommodate 1,500 students. The school must be of high quality and feature an environmentally responsible and sustainable design that takes into account lifecycle and long-term operations and maintenance costs.

The School Board and the City prefer that the new high school be available for occupancy by July 1, 2019. However, they will consider alternative concepts regarding the timing of delivery of the new high school that accommodate all

school operations and activities using appropriate facilities without adjustments to the school calendar.

Other School Board requirements are set forth in the attached Appendix C.

B. Mary Ellen Henderson Middle School

Expand the existing Mary Ellen Henderson Middle School.

The expansion is expected to accommodate an additional 400 students. (The current capacity of the middle school is 600 students.) The expansion must be of high quality and feature an environmentally responsible and sustainable design that takes into account lifecycle and long-term operations and maintenance costs.

The School Board and the City prefer that the expansion be available for occupancy by July 1, 2019. However, they will consider alternative concepts regarding the timing of delivery of the expanded middle school that accommodate all school operations and activities using appropriate facilities without adjustments to the school calendar.

Other School Board requirements are set forth in Appendix C.

C. Redevelop a Portion of the Parcels

Redevelop up to 10.38 acres of the Parcels for commercial uses, or a mix of uses that is significantly commercial, in a manner that:

- (i) maximizes the financial value of the property to the City and the School Board (Note: The City and the School Board prefer to retain fee simple ownership of the property through a structure such as a long-term ground lease, but will consider other land transaction structures);
- (ii) maximizes the net fiscal impact to the City through high-quality commercial uses (Note: For these purposes, the net fiscal impact is the projected tax yield minus the projected costs for the City and the FCCPS services once the redevelopment is completed); and
- (iii) features outstanding design, including exemplary architecture, pedestrian and bicycle friendly streets with effective transportation improvements for access to, from, and through the site, lively public and commercial spaces with a sense of place, environmentally sustainable buildings and infrastructure, and other enhancements to the Parcels that will benefit the City and surrounding community.

The City will consider redevelopment that requires rezoning or the creation of a new zoning district.

3.0 PROCUREMENT INFORMATION

3.1 Procurement Overview

As noted in Section 1.0, this procurement is being conducted pursuant to the PPEA, with (i) each of the School Board and the City serving as a responsible public entity and (ii) all references to the Guidelines in this RFP deemed to mean the School Board's PPEA Implementation Guidelines.

Pursuant to subdivision 2 of Section 56-575.16 of the *Code of Virginia*, each of the School Board and the City previously determined that they will proceed using competitive negotiation to pursue a comprehensive agreement for the Project.

This procurement process will be conducted in two phases, with this RFP commencing the first phase. The School Board and the City will review and evaluate the Conceptual Proposals submitted pursuant to this RFP to identify and select one or more qualified Proposers ("Short-Listed Proposers") with feasible concepts for delivery of the Project, including the improved school facilities and the redeveloped portions of the Parcels. Interviews and/or presentations by Proposers may be requested by the School Board and the City, and such requests may include the presence of representatives from a Proposer's development, planning, financial, architectural, engineering, and/or construction teams. If requested, a Proposer shall make these representatives reasonably available to the School Board and the City for these purposes.

Following the review and evaluation of the Conceptual Proposals, the School Board and the City anticipate short listing no more than four (4) highest rated Proposers. The School Board and the City may increase or decrease this number, if it is in their best interest to do so.

The second phase of the procurement process will entail a request by the School Board and the City for detailed-phase proposals ("Detailed Proposals") from the Short-Listed Proposers and a public hearing on the proposals. The School Board and the City will issue the RFDP that contains specific requirements for the Detailed Proposals, including specific evaluation and selection criteria. Only the Short-Listed Proposers will receive the RFDP and be allowed to submit a Detailed Proposal in response to the RFDP. Interviews and/or presentations by those Short-Listed Proposers submitting Detailed Proposals may be requested by the School Board and the City.

Subject to the School Board's and the City's right to terminate the procurement process at any time, the School Board and the City intend to proceed to the second phase of the procurement, receive and evaluate Detailed Proposals, and negotiate a comprehensive agreement for the Project with a preferred Short-Listed Proposer following review and evaluation of the Detailed Proposals and other relevant information available to the School Board and the City.

3.2 Schedule

The School Board and the City anticipate conducting this procurement in accordance with the schedule set forth below. The schedule is subject to revision and the School Board and the City reserve the right to modify the schedule at any time as they deem necessary, in their sole discretion.

The schedule has been developed to position the City to hold a public referendum, which it expects and intends to hold on November 8, 2016, to seek voter approval for funding the capital costs of the school facility improvements (for additional information, see Section 9.0(c)).

Milestone	Date
Issue RFP	July 30, 2015
Non-mandatory Project information meeting	August 25, 2015
Deadline to submit questions on RFP	September 23, 2015
Issue responses to questions	October 7, 2015
Conceptual Proposal submission deadline	October 30, 2015
Announcement of Shortlist	December 2015
Issue RFDP	December 2015
Detailed Proposal submission deadline	March 2016
Public hearing on Detailed Proposals	April 2016
Selection of preferred Proposer	June 2016
Negotiate Comprehensive Agreement key terms	June-July 2016
City authorizes public referendum	July 2016
Finalize Comprehensive Agreement	November 2016
Public referendum	November 2016
Bond sale	December 2016
Notice to proceed	December 2016

3.3 Evaluation Team

The School Board and the City will appoint a team to evaluate the Conceptual Proposals. The evaluation team will include representatives from the City and FCCPS. The evaluation team will provide recommendations to the School Board and the City, who will make all decisions related to the procurement. Technical, financial, legal, and other subject matter advisors will provide assistance to the School Board, the City, and the evaluation team in evaluating the Conceptual Proposals.

3.4 Point of Contact

The sole point of contact (“POC”) for matters related to the RFP, and the designated addressee of any responses, questions, or comments regarding this RFP, is the person designated below. In the interests of competition, transparency and openness in this procurement, the POC is the only individual authorized to communicate in relation to this RFP with any Proposers. All communications with the POC about the Project or this RFP shall be in writing, as required by

applicable provisions of this RFP. The School Board and the City will not be bound by any oral communications.

Name: George R. Armstrong, Purchasing Agent
Address: The City of Falls Church
300 Park Avenue
Falls Church, Virginia 22046
Phone: 703-248-5007
E-mail: garmstrong@fallschurchva.gov
(with a copy to fsmith@fallschurchva.gov and hkimble@fccps.org)

3.5 Posting of the RFP and Addenda

The RFP and addenda, if any, will be posted on the School Board website at www.fccps.org/facilities/documents and the City website at www.fallschurchva.gov/CampusRedevelopment. A Proposer shall be solely responsible for ensuring that it has the most current information regarding the RFP.

3.6 Project Information Meeting

The School Board and the City, together, will hold a Project information meeting for potential Proposers on August 25, 2015, at 10:00 a.m. (Eastern Time) at the following address:

George Mason High School (Cafeteria)
7124 Leesburg Pike
Falls Church, Virginia 22043

Attendance at this Project information meeting is not mandatory.

3.7 Opening of Conceptual Proposals

All Conceptual Proposals will be opened privately by the School Board and the City after the delivery deadline set forth in Section 6.0.

3.8 Certain Eligibility Requirements

No person or firm that is suspended or debarred from participation in School Board or City procurement, conducting business or submitting proposals on contracts by any other local government, any agency of the Commonwealth of Virginia (“Commonwealth”) or the federal government, or any other governmental entity, shall be eligible to submit a Conceptual Proposal pursuant to this RFP. If a Proposer experiences a material change in its debarment status after a Proposal is submitted and prior to the award of an interim or comprehensive agreement for the Project, the Proposer shall notify the POC of the change in writing at the time the change occurs or as soon thereafter as is reasonably practicable.

A firm organized or authorized to transact business in the Commonwealth pursuant to Title 13.1 or Title 50 of the *Code of Virginia* shall include in its Conceptual Proposal the identification

number issued to it by the Virginia State Corporation Commission (“SCC”). The Proposer’s SCC identification number shall be provided on the Cover Sheet on the line entitled “VA SCC Business Registration #.” Any Proposer that is not required to be authorized to transact business in the Commonwealth as a foreign business entity under Title 13.1 or Title 50 of the *Code of Virginia* or as otherwise required by law shall include in its Conceptual Proposal a signed statement attached to the Cover Sheet describing why the Proposer is not required to be so authorized under Title 13.1 or Title 50 of the *Code of Virginia*.

3.9 Proposer Costs

A Proposer shall be responsible for all costs associated with its participation in this procurement.

4.0 CONTENTS AND FORMAT OF CONCEPTUAL PROPOSALS

For purposes of this RFP only, this Section 4.0 shall supersede the provisions of Section 7.1 of the Guidelines with respect to the content and format of Conceptual Proposals.

4.1 General

Conceptual Proposals shall contain information on the following topics: (1) qualifications and experience of the Proposer; (2) Project characteristics; (3) Project financing; and (4) Project benefits and compatibility. Each topic shall include the information described below in the corresponding section. Conceptual Proposals also shall include at the beginning a completed cover sheet as described in Section 4.2, a letter of submittal as described in Section 4.3, and an executive summary as described in Section 4.4.

Proposers with concerns about confidential information to be included in a Conceptual Proposal are directed to Section 10.4.

The Conceptual Proposal shall be organized as shown in the following table, with maximum page lengths as noted therein.

Tab	Title	Maximum Page Length
	Cover Sheet (see Section 4.2)	N/A
	Letter of Submittal (see Section 4.3)	N/A
	Table of Contents	N/A
	Executive Summary (see Section 4.4)	3
1	Qualifications and Experience (see Section 4.5)	15
2	Project Characteristics (see Section 4.6)	20
3	Project Financing (see Section 4.7)	10
4	Project Benefits and Compatibility (see Section 4.8)	5

Neither drawings and renderings nor limited appendices with appropriate and relevant information concisely presented, shall count against the applicable maximum page lengths,

unless the School Board and the City deem such items as an attempt by a Proposer to circumvent the page limits.

A single Proposer shall not submit more than one Conceptual Proposal for the Project. This limitation shall not be construed to prohibit a Proposer from including in its Conceptual Proposal reasonable alternatives or options relevant to the primary elements of its Conceptual Proposal.

4.2 Cover Sheet

A Proposer shall include in its Conceptual Proposal a completed cover sheet in the form attached hereto as Appendix D (“Cover Sheet”).

4.3 Letter of Submittal

The Letter of Submittal shall be on the Proposer’s letterhead and identify the full legal name and address of the Proposer (*i.e.*, the legal entity that will execute the comprehensive agreement with the School Board and the City). The Letter of Submittal shall be signed by an authorized representative of the Proposer. All signatures on the original Letter of Submittal shall be in ink.

In its Letter of Submittal, a Proposer shall:

- A. Identify the name, title, address, phone number, fax number, and e-mail address of the individual who will serve as the point of contact for the Proposer.
- B. Identify whether the Proposer will be structured as a corporation, limited liability company, general partnership, joint venture, limited partnership, or other form of organization, and identify the team members who will undertake financial responsibility for the Project and describe any liability limitation. If Proposer is a limited liability company, partnership, or joint venture, describe the bonding approach that will be used and the members of such organizations who will have joint and several liability for performance of the work required for the Project. Address whether the Proposer is able to provide a single performance bond and a single payment bond in an amount equal to the school facility improvements.
- C. Identify the full legal name of both the lead contractor and lead designer for the Project.
- D. Request an exclusion for any identified portion(s) of the Conceptual Proposal consistent with the terms of Section 10.4, if such request has not been made previously through written communication to the POC.

4.4 Executive Summary

A Proposer shall include in its Conceptual Proposal an executive summary (“Executive Summary”). Please see Section 10.4 regarding posting and disclosure of a Proposer’s Executive Summary.

4.5 Qualifications and Experience

In Tab 1 of its Conceptual Proposal, a Proposer shall:

- A. Identify the legal structure of the private entity making the proposal. Identify the organizational structure for the Project, the management approach, and how each participant in the structure fits into the overall team. If the private entity that would be signing any comprehensive agreement would be a corporation, limited liability company, limited partnership, or an entity formed especially for the Project, and if the proposer is relying at all on the past experience, name, or financial statements of any other person or entity to show the private entities' capabilities and responsibility, state what guaranty of performance will be provided by such other persons or entities.
- B. Describe the experience of the entities making the proposal, the key principals and project managers involved in the proposed Project including (i) experience with design and construction of high and middle school projects of comparable size and complexity, including prior experience bringing similar projects to completion on budget and in compliance with design, land use, service and other standards and (ii) experience with commercial real estate development of comparable size and complexity. Describe past safety performance and current safety capabilities. Describe the past technical performance history on recent projects of comparable size and complexity, including disclosure of any legal claims relating to such projects. Describe the length of time in business, business experience, public sector experience, and other engagements. Include the identity of any firms that will provide design, construction and completion guarantees and warranties, and a description of such guarantees and warranties.
- C. For each firm or major subcontractor that will be utilized in the Project, provide a statement listing the firm's prior projects and clients for the past three (3) years and contact information for same (name, address, telephone number, e-mail address). If a firm has worked on more than ten (10) projects during this period, it may limit its prior project list to ten (10), but shall first include all projects similar in scope and size to the proposed Project and, second, it shall include as many of its most recent projects as possible. Each firm or major subcontractor shall be required to submit all performance evaluation reports or other documents, which are in its possession evaluating the firm's performance during the preceding three years in terms of cost, quality, schedule maintenance, claims, change orders, lawsuits, safety and other matters relevant to the successful project development, operation, and completion. (It is anticipated that information requested by this paragraph C may be included in an appendix to the Conceptual Proposal, in which case it will not count against the maximum page length for Tab 1.)

- D. Provide the names, prior experience, addresses, telephone numbers and e-mail addresses of persons within the firm or who will be directly involved in the Project or who may be contacted for further information.
- E. Provide the current or most recent financial statements of the firm (audited financial statements to the extent available), and if the firm is a joint venture, limited liability company, partnership or entity formed specifically for this Project, provide financial statements (audited if available) for the firm's principal venturers, members, partners, or stockholders that show that the firm or its constituents have appropriate financial resources and operating histories for the Project.
- F. Identify any persons known to the proposer who would be obligated to disqualify themselves from participation in any transaction arising from or in connection with the Project pursuant to The Virginia State and Local Government Conflict of Interest Act, Chapter 31 (Section 2.2-3100, *et seq.* of the *Code of Virginia*), and state the basis on which such disqualification would be required.
- G. Identify the proposed plan for obtaining sufficient numbers of qualified workers in all trades or crafts required for the Project.
- H. For each firm or major subcontractor that will perform construction and/or design activities, provide an accurately completed Commonwealth of Virginia Department of General Services Form 30-168.
- I. Describe efforts to facilitate participation of small businesses and businesses owned by women and minorities and the success of those efforts for the Project.

4.6 Project Characteristics

In Tab 2 of its Conceptual Proposal, a Proposer shall:

- A. Provide a description of the Project, including the conceptual design. Describe the proposed Project in sufficient detail so that type and intent of the Project, the location, and the communities that may be affected are clearly identified. Include in this detail the general nature of all proposed development and commercial uses and the approximate location and size (including height and square footage) of all educational and commercial buildings and structures, along with a general layout including location of streets and traffic signalization, parking areas, pedestrian walkways, bicycle paths and playing fields.
- B. Identify and fully describe any work to be performed by the School Board, the City, or any other public entity, and the timing of such work.
- C. Include a list of all federal, state and local permits and approvals required for the Project and a schedule for obtaining such permits and approvals.

- D. Identify any anticipated adverse educational, social, economic, environmental, and transportation impacts of the Project. Specify the strategies or actions to mitigate known impacts of the Project. Indicate if an environmental assessment and archaeological assessment have been completed.
- E. Identify the proposed schedule for the work on the Project, including sufficient time for the School Board's and the City's review and the estimated time for completion.
- F. Identify contingency plans for addressing public needs in the event that all or some of the Project is not completed according to projected schedule.
- G. Propose allocation of risk and liability, and assurances for timely completion of the Project.
- H. State assumptions related to ownership, legal liability, law enforcement and operation of the Project and the existence of any restrictions on the School Board's use of the Project.
- I. Provide information relative to phased openings, if any, of the proposed Project.
- J. Describe any architectural, building, engineering, or other applicable standards that the proposed Project will meet.
- K. Identify and describe any involvement in Project development on the part of any owners or tenants of adjacent properties.

4.7 Project Financing

In Tab 3 of its Conceptual Proposal, a Proposer shall:

- A. Provide a preliminary estimate and estimating methodology of the cost of the work by phase, segment (*e.g.*, design, construction, and operation), or both. Include a separate estimate for the cost of the new high school and the expanded middle school facilities, including any necessary or contemplated infrastructure improvements related thereto.
- B. Submit a plan for the development and financing of the Project, including a schedule showing (i) the anticipated timeframe on which funds will be required; (ii) the anticipated timeframe for the School Board and the City to realize value for the Proposer's redevelopment of the Parcels (including value from any long-term ground lease or other land transaction structure and tax revenues generated by the Proposer's development program); and (iii) any other proposed financial benefits (including, for example, proffers). Describe the anticipated costs of and proposed sources and uses for such funds, including any anticipated debt service costs. Include any supporting due diligence studies, analyses, or reports.

- C. Include a list and discussion of assumptions underlying all major elements of the plan. Assumptions should include all fees associated with financing given the recommended financing approach, including but not limited to, underwriter's discount, placement agent, legal, rating agency, consultants, feasibility study and other related fees. A complete discussion of interest rate assumptions should be included given current market conditions. Any ongoing operational fees should also be disclosed, as well as any assumptions with regard to increases in such fees and escalator provision to be required in the comprehensive agreement.
- D. Identify the proposed risk factors and methods for dealing with these factors. Describe methods and remedies associated with any financial default.
- E. Identify any local, state or federal resources that the Proposer contemplates requesting for the Project along with an anticipated schedule of resource requirements. Describe the total commitment, if any, expected from governmental sources and the timing of any anticipated commitment, both one-time and on-going.
- F. Clearly describe the underlying support and commitment required by the School Board under the Proposal plan of finance. Include the Proposer's expectation with regard to the City providing its general obligation or moral obligation backing.
- G. Identify any dedicated revenue, source or proposed debt or equity investment on behalf of the Proposer.

4.8 Project Benefit and Compatibility

In Tab 4 of its Conceptual Proposal, a Proposer shall:

- A. Identify the economic impact the Project will have on the local community.
- B. Identify the strategy and plans for community information and involvement in the development process, including with adjacent property owners and neighboring jurisdictions.
- C. Describe any anticipated community, educational, social, environmental, and transportation benefits of significance that are unique to the Proposer's approach to the Project.
- D. Describe the Project's compatibility with the City's, and/or affected jurisdiction's local comprehensive plan (including related environmental, land use and facility standards ordinances, where applicable), infrastructure development plans, transportation plans, the capital improvements plan and capital budget or other government spending plan.

4.9 Format

The Conceptual Proposal format is prescribed below. If the School Board and the City determine that a Conceptual Proposal does not comply or satisfy the formatting requirements described herein, the School Board and the City may find such Conceptual Proposal to be non-responsive and it may be rejected without consideration or evaluation.

A Conceptual Proposal shall be prepared on 8.5” x 11” white paper, with all text typed except as otherwise provided in this RFP. All printing should be in a font size of no less than 12 point. Conceptual design drawings may be prepared on 11” x 17” paper, folded to fit within the bound proposal.

Brevity, clarity and responsiveness in Conceptual Proposals are encouraged, and the inclusion of extraneous information not pertinent to the basic purposes of the procurement is discouraged. A Conceptual Proposal cannot exceed the maximum page requirements described in Section 4.1. The Conceptual Proposal shall be separated by numbered tabs with sections corresponding to the topics described in Section 4.1. The numbered tabs shall not count against the page count limit, provided that no proposal-specific information is included on the tabs.

Each Proposer shall submit one original paper version of the Conceptual Proposal, which must bear an original signature (in ink) of an authorized representative of the Proposer. The original Conceptual Proposal shall be securely bound, with the identifier “Original” on its front cover. Information considered by the Proposer to be confidential and exempt from disclosure shall be securely bound and contained in a separate volume clearly marked “Confidential,” with each page thereof clearly designated as such. Proposers are referred to Section 10.4 relating to the Virginia Freedom of Information Act.

Each Proposer shall also submit twenty (20) paper copies of the Conceptual Proposal. Each copy of the Conceptual Proposal shall be securely bound, in one or two volumes consistent with the preceding paragraph. Each copy shall include an identifier “Copy __ of 20 Copies” on the front cover.

Each Proposer shall also submit one electronic copy (a .pdf file), on CD-ROM or digital storage flash drive, of the Conceptual Proposal (but excluding any portions considered by the Proposer to be confidential and exempt from disclosure).

4.10 Review Fee

To promote competitiveness among potential Proposers, no review fee shall be required to accompany a Proposer’s Conceptual Proposal.

5.0 EVALUATION PROCESS AND CRITERIA

For purposes of this RFP only, this Section 5.0 shall supersede the provisions of Section 8 of the Guidelines with respect to the evaluation of Conceptual Proposals.

5.1 Responsiveness and Responsibility Review

The School Board and the City may exclude from consideration any Proposer whose Conceptual Proposal contains a material misrepresentation, whose Conceptual Proposal is not materially responsive to this RFP, or who is determined not responsible.

The School Board and the City will review each Conceptual Proposal submitted by a Proposer for (i) the responsiveness of the Conceptual Proposal to the requirements set forth in this RFP and conformance to the RFP instructions regarding organization and format, as well as (ii) any items noted pursuant to the review referenced in (i) above that may constitute minor non-conformities, irregularities, or apparent clerical mistakes that are unrelated to the substantive content sought by this RFP. Based on this review, the School Board and the City may determine that a Proposer is not responsible or responsive and is therefore ineligible for shortlisting.

5.2 Proposer's Qualifications and Experience

The School Board and the City will evaluate each Proposer's overall experience and capability to complete large, complex projects of a nature similar to the Project, including the extent to which the Proposer possesses the financial capacity to execute the work. Such evaluation will be based on a Proposer's Conceptual Proposal and any additional information available to the School Board and the City.

5.3 Project Characteristics

The School Board and the City will evaluate:

- A. Whether and to what extent the Proposer's concept delivers a high-quality replacement or renovated high school and a middle school expansion, all of which meet the School Board's projected increase in student enrollment;
- B. Whether and to what extent the Proposer's concept results in the replacement high school and middle school expansion being ready for occupancy by July 1, 2019, and if not, the merits and drawbacks of the Proposer's alternative concept(s) for a later opening of either or both school facilities while accommodating all school operations and activities using appropriate facilities without adjustments to the school calendar;
- C. Whether and to what extent the Proposer's concept for redeveloping up to 10.38 acres of the Parcels:
 - (i) maximizes the financial value of the property to the City and the School Board (Note: The City and the School Board prefer to retain fee simple ownership of the property through a structure such as a long-term ground lease, but will consider other land transaction structures);

- (ii) maximizes the net fiscal impact to the City through high-quality commercial uses (Note: For these purposes, the net fiscal impact is the projected tax yield minus the projected costs for the City and the FCCPS services once the redevelopment is completed); and
- (iii) features outstanding design, including exemplary architecture, pedestrian and bicycle friendly streets with effective transportation improvements for access to, from, and through the site, lively public and commercial spaces with a sense of place, environmentally sustainable buildings and infrastructure, and other enhancements to the Parcels that will benefit the City and surrounding community; and
- D. The anticipated level and timing of work to be performed by the School Board, the City, and any other public entity; and
- E. Any anticipated involvement in Project development on the part of any owners or tenants of adjacent properties.

5.4 Project Financing

The School Board and the City will evaluate:

- A. The Proposer’s preliminary time and cost estimates for delivering the replacement high school and middle school expansion, and the reasonableness of same;
- B. The projected financial return to the City from the Proposer’s planned redevelopment of up to 10.38 acres of the Parcels, and whether that projected return is reasonable and likely to occur within a timeframe that will help with funding the schools; and
- C. Whether and to what extent the Proposer’s plan for financing the Project includes strategies for managing risk that protect the School Board and the City from exposure to undue financial risks, along with the reasonableness and anticipated effectiveness of such strategies.

5.5 Project Benefit and Compatibility

The School Board and the City will evaluate:

- A. The reasonableness and anticipated effectiveness of the Proposer’s strategies and plans, to be implemented following execution of a comprehensive agreement, for community information and involvement in the development process, including with adjacent property owners and neighboring jurisdictions;
- B. Whether and to what extent the Proposer’s concept for delivering the replacement high school and middle school expansion minimizes disruptions to FCCPS activities on the Parcels;

- C. Whether and to what extent the planned redevelopment of up to 10.38 acres of the Parcels (i) has a positive economic impact on the local community; (ii) is designed and planned in such a manner as to promote commercial activity in the area; and (iii) otherwise integrates with the existing community and transportation system; and
- D. The anticipated community, educational, social, environmental, and transportation benefits of the Project that are unique to the Proposer's approach to the Project, along with the Project's compatibility with current governmental planning.

6.0 CONCEPTUAL PROPOSAL DELIVERY REQUIREMENTS

Conceptual Proposals must be delivered **before 2:00 p.m. (Eastern Time) on October 30, 2015.**

Conceptual Proposals must be physically delivered to the POC. Neither fax nor e-mail nor other electronic submissions will be accepted.

Proposers are responsible for effecting delivery by the deadline set forth above. Late submissions may be rejected without consideration or evaluation and may be returned unopened to the sender. Neither the School Board nor the City accepts any responsibility for misdirected or lost Conceptual Proposals.

Conceptual Proposals are to be sealed in mailing envelopes or packages bearing the Proposer's name, address, and the words "PPEA Conceptual Proposal" clearly written on the outside. Conceptual Proposals are to comply with the format requirements set forth in Section 4.9.

A Conceptual Proposal may be modified or withdrawn by a written document bearing an original signature (in ink) of an authorized representative of the Proposer, delivered to the POC prior to the date and time by which Conceptual Proposals must be delivered (as noted above).

7.0 QUESTIONS AND CLARIFICATIONS

To promote transparency as well as full and open competition, all questions and requests for clarification regarding this RFP shall be submitted to the POC in writing. No requests for additional information, clarifications, or any other communication should be directed to any other individual.

All questions or requests for clarification must be submitted **before 2:00 p.m. (Eastern Time) on September 23, 2015.** Questions or clarifications requested after such date and time will not be answered, unless the School Board and the City elect, in their sole discretion, to do so.

Responses to questions or requests for clarification shall be in writing, and any revisions to the RFP in response to questions or requests for clarification shall be accomplished via an addendum

to the RFP. Responses, and any addenda to the RFP, will be posted on the School Board website at www.fccps.org/facilities/documents and the City website at www.fallschurchva.gov/CampusRedevelopment.

8.0 PARTICIPATION BY SMALL, WOMEN-OWNED, AND MINORITY-OWNED BUSINESSES

The School Board and the City encourage small, women-owned, and minority-owned businesses to participate in business opportunities with the School Board and the City, respectively. Proposers are directed to the Virginia Department of Minority Business Enterprise for information regarding certification and certified businesses (www.dmbv.virginia.gov).

9.0 RESERVATION OF RIGHTS

In addition to all rights reserved as specified by applicable law, the School Board and the City further reserve to themselves, without limitation or with or without cause and with or without notice, the following:

- A. The right to cancel, withdraw, postpone, or extend this RFP in whole or in part at any time prior to the execution by the School Board or the City of an interim agreement and/or comprehensive agreement, without incurring any obligations or liabilities;
- B. The right to reject any and all submittals, responses, and proposals received at any time;
- C. The right to modify all dates set out in this RFP and to revise the schedule, including determining not to hold a public referendum (Note: Neither the School Board nor the City makes any representation or warranty to Proposers as to the outcome of a public referendum, or the occurrence of a bond sale or other event related or subsequent to any public referendum);
- D. The right to suspend and/or terminate the procurement process for the Project at any time;
- E. The right to revise and modify, at any time prior to the proposal submittal date, facts or matters they will consider in evaluating Conceptual Proposals and to otherwise revise their evaluation methodology;
- F. The right to issue addenda, supplements, and modifications to this RFP, including the right to seek clarification from Proposers;
- G. The right to hold meetings and conduct discussions and correspondence with one or more of the Proposers responding to this RFP to seek an improved understanding and evaluation of the Conceptual Proposals;

- H. The right to seek or obtain data from any source that has the potential to improve the understanding and evaluation of Conceptual Proposals, including the right to seek clarifications from Proposers;
- I. The right to permit Proposers to add or delete firms and/or key personnel;
- J. The right to use the assistance of outside technical, financial, and legal experts and consultants in the evaluation process;
- K. The right to waive deficiencies, informalities, and irregularities in a Conceptual Proposal, accept and review a non-conforming Conceptual Proposal, or seek clarifications or supplements to a Conceptual Proposal;
- L. The right to disqualify any Proposer that changes its submittal without prior approval or submits a Conceptual Proposal that does not comply with the requirements of this RFP;
- M. The right to respond to all, some, or none of the inquiries, questions, and/or requests for clarifications received relative to this RFP;
- N. The right to use all or part of any unsuccessful Conceptual Proposal, whether or not the Proposer withdraws the Conceptual Proposal;
- O. The right to make determinations relative to potential conflicts of interest;
- P. The right to enter into one or more interim and/or comprehensive agreements with one or more Proposers as permitted by the PPEA, in furtherance of the development of the Project or any of its components, or to modify or abandon procurement, or a portion of procurement, of the Project; and
- Q. The right to short-list from among the highest-rated Proposers.

10.0 MISCELLANEOUS

10.1 Changes in Proposer Team

Any addition, removal, or other change in the identity or make-up of any Proposer or any other member of the Proposer's team in relation to that set out in the Proposer's submitted Conceptual Proposal shall be subject to the prior written consent of the School Board and the City, which consent may be withheld or granted in their sole discretion.

10.2 Conflicts of Interest

In an effort to make this procurement as transparent and open as possible, the School Board and the City will follow the procedures below if a potential conflict of interest is identified:

The School Board and the City, in their sole discretion, will make a determination relative to potential organizational conflicts of interest and the Proposer's ability to eliminate or mitigate such conflict. An organization determined to have a conflict of interest relative to this procurement that cannot be eliminated or mitigated shall not be allowed to participate on a Proposer's team for the Project. Failure to abide by the School Board's and the City's determination may result in a Conceptual Proposal being declared non-responsive and not reviewed or evaluated.

The following entities either provided or are providing services to the School Board and/or the City with regard to the Project and therefore will not be available to participate with any Proposer team:

1. Arcadis
2. Davenport & Company
3. Troutman Sanders LLP

10.3 Ethics in Public Contracting

The School Board or the City may, in their sole discretion, disqualify any Proposer from further consideration for the award of an interim agreement or comprehensive agreement if it is found by the School Board or the City that there is a violation of the Ethics in Public Contracting Act (Section 2.2-4367 of the *Code of Virginia*), or any similar statute, involving the Proposer in this procurement.

10.4 Virginia Freedom of Information Act

All Conceptual Proposals and other records submitted to the City and/or School Board are subject to the disclosure requirements of the Virginia Freedom of Information Act ("VFOIA") (Section 2.2-3700 *et seq.* of the *Code of Virginia*), the PPEA, and other applicable law. The information set forth below is intended to complement the information about VFOIA included in the Guidelines. Proposers are advised to familiarize themselves with the provisions of such laws to seek to prevent materials properly identified as confidential from being subject to disclosure.

Proposers are hereby notified that the School Board and the City will post on their webpages all accepted Conceptual Proposals, in accordance with applicable law, including but not limited to Section 56-575.17 of the *Code of Virginia*.

Proposers are advised that portions of their Conceptual Proposal may be exempt from public disclosure under one or more provisions of VFOIA. However, some Proposer information may be lawfully excluded from public disclosure only upon the Proposer's written request pursuant to applicable law, including but not limited to Section 2.2-3705.6 of the *Code of Virginia*.

If a Proposer has concerns about information it desires to include in its Proposal but it believes is exempted by law from disclosure, such Proposer shall, in its Letter of Submittal or in a prior written communication to the POC:

1. Invoke such exemption upon the submission of the data or other materials for which protection from disclosure is sought;
2. Identify with specificity the data or other materials for which protection is sought; and
3. State the reasons why protection is necessary.

Failure to take such precautions prior to or at the time of submission of a Proposal may subject confidential information to disclosure under the VFOIA.

Blanket designations that do not identify the specific information to be treated as exempt from disclosure shall not be acceptable and may be cause for the School Board or the City to treat the entire Proposal as public information.

Proposers are hereby notified that in no event shall a Proposer's Executive Summary be considered exempt from posting or disclosure.

In the event the School Board or the City receives a request for disclosure of a portion of a Proposal, the School Board and the City will determine whether the requested materials are exempt from disclosure. In the event the City determines to disclose the requested materials, it will endeavor to provide notice to the Proposer of its intent to disclose.

Nothing contained in this provision shall modify or amend requirements and obligations imposed by applicable law, and applicable law shall control in the event of a conflict between the procedures described above and any applicable law.

In no event shall the School Board or the City be liable to a Proposer for the disclosure of all or a portion of a Conceptual Proposal submitted pursuant to this RFP.

10.5 Compliance with Law

All Proposers must at the time of their Conceptual Proposal submittal comply with all applicable law and nothing herein is intended to contradict or supersede any applicable state or federal law and regulations. Each Proposer must be eligible at the time of its Conceptual Proposal submittal to offer and provide all services proposed and related to the Project.

10.6 RFP Takes Precedence

In the event that any provision of this RFP conflicts with the Guidelines, the terms of this RFP shall control.

RFP No. 0730-15GMHS-PPEA

APPENDIX A

SITE MAP

See Attached



West Falls Church Metro Station

I-66 West

I-66 East

93

91

94

109A

Haycock Rd

Leesburg Pike

Shreve Rd

W Broad St

Birch St

Ellison Sq

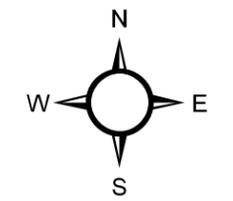
Spruce St

Ofutt Dr

Aerial

Schools-Related
Parcels

Planning
Opportunity
Area 8



City of
Falls Church

Legend

 City Boundary

 Lot Lines

91 Lot Number

2/11/2014



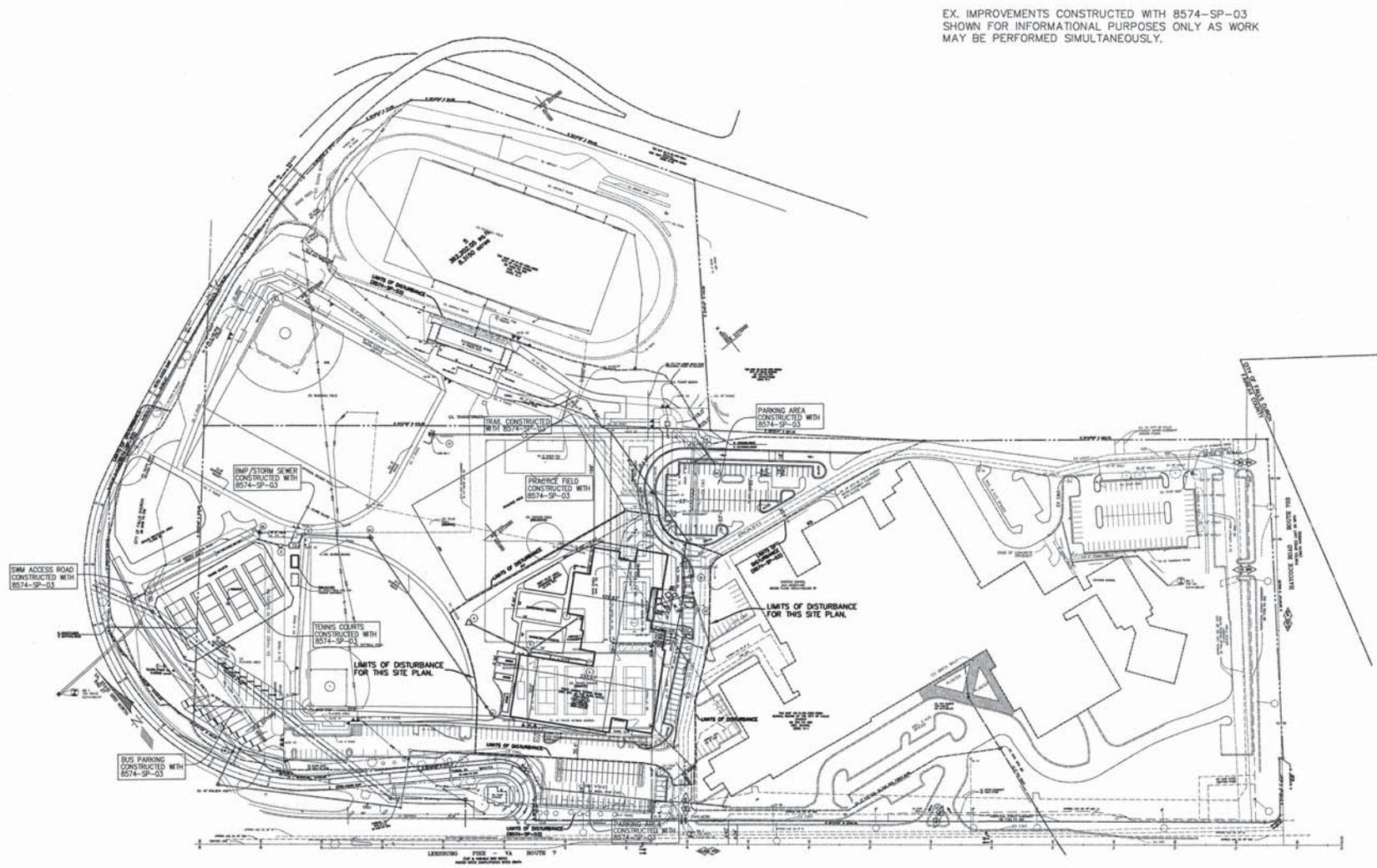
RFP No. 0730-15GMHS-PPEA

APPENDIX B

SITE SURVEY

See Attached

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EX. IMPROVEMENTS CONSTRUCTED WITH 8574-SP-03 SHOWN FOR INFORMATIONAL PURPOSES ONLY AS WORK MAY BE PERFORMED SIMULTANEOUSLY.

No.	DATE	DESCRIPTION	REV. BY	APPROVE BY	DATE

BLANK DATE 10-30-03

URBAN ENGINEERING & ASSOC., INC.
 CIVIL ENGINEERS - LANDSCAPE ARCHITECTS - LAND SURVEYORS
 11711 BIRCH TOWER
 ANNANDALE, VIRGINIA 22003 (703) 942-8000



SITE OVERVIEW
GEORGE MASON
MIDDLE SCHOOL
 FARMVILLE DISTRICT
 FAIRFAX COUNTY, VIRGINIA

SCALE: 1"=60'
 DATE: OCT., 2003
 CI-N/A

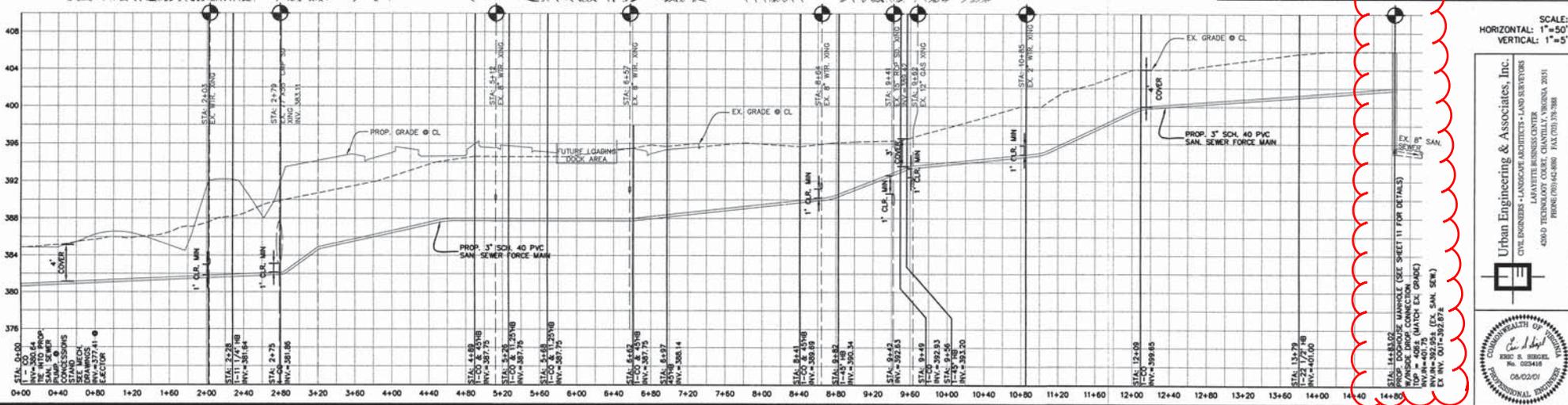
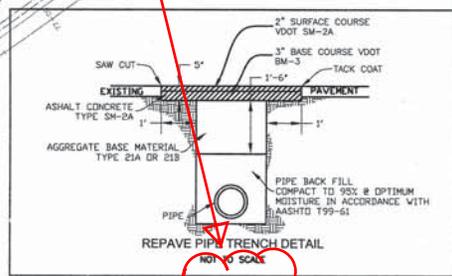
DATE: OCT., 2003

SHEET 4 OF 25
 FILE No. SP-1465

THIS SHEET FOR OVERVIEW PURPOSE ONLY!

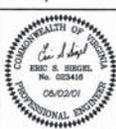


NOTE TO OWNER:
 THE SEWAGE EJECTOR AND FORCE MAIN ARE TO BE WINTERIZED INCLUDING DRAINING OF FORCE MAIN AT THE CONCLUSION OF THE FOOTBALL SEASON



SCALE:
 HORIZONTAL: 1"=50'
 VERTICAL: 1"=5'

Urban Engineering & Associates, Inc.
 CIVIL ENGINEERS • LANDSCAPE ARCHITECTS • LAND SURVEYORS
 LAFAYETTE BUSINESS CENTER
 6040 TECHNOLOGY COURT, CHANTILLY, VIRGINIA 20151
 PHONE (703) 442-8800 FAX (703) 375-3388



NO.	DESCRIPTION	DATE	REVISED BY	APPROVED BY
2	FIELDS, PARKING, STORM, BMP, SANITARY, S/W, TREES	10/14/03	PHR/BJR	
1	STORM SEW, PARKING LOT	06/16/00	MJH	FFX, CO. DEM
				5/4/00



PROJECT
GEORGE MASON MIDDLE & HIGH SCHOOL UPPER FIELDS RENOVATION
 DRANESVILLE DISTRICT, FAIRFAX COUNTY, VA.

TITLE
PRIVATE SANITARY SEWER PLAN & PROFILE

PHR&A
 Patton Harris Ruel & Associates, p.c.
 1453 Lee Road
 Chantilly, Virginia 20151-1679
 703-446-6700

Offices:
 Stafford, Va.
 Leesburg, Va.
 Virginia Beach, Va.
 Chantilly, Va.
 Winchester, Va.
 Quantico, Va.
 McMechen, W. Va.

DESIGN	MJH	SURVEY	PHR&A
DRAWN	MJH	DATE	JUNE 2000
CHECKED	TDR	SCALE	1"=50'/1"=5'
SHEET	CBOU7L	FILE NO.	09098-1-3
	12 OF 23		

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RFP No. 0730-15GMHS-PPEA

APPENDIX C

SCHOOL BOARD REQUIREMENTS

Scope of Work

Attachment 1 – George Mason High School Program

Attachment 2 – George Mason High School Education Specification

Attachment 3 – George Mason High School Level of Quality

Attachment 4 – Mary Ellen Henderson Middle School Program

Attachment 5 – Mary Ellen Henderson Middle School Plans

Attachment 6 – Mary Ellen Henderson Middle School Education Specification

Attachment 7 – Mary Ellen Henderson Middle School Level of Quality

Attachment 8 – Sports Facilities Program

Attachment 9 – School Board Administration Program

Attachment 10 – School Board Administration Education Specification

Attachment 11 – Pool Facility Program

Attachment 12 – Add Alternate – Pool – George Mason High School

RFP NO. 0730-15GMHS-PPEA - APPENDIX C

SCOPE OF WORK

1. Falls Church City Public Schools (“FCCPS”) and The City of Falls Church (“City”) desires to contract with an experienced and qualified Private Entity under the Public Private Education Facilities and Infrastructure Act (PPEA) for the design and construction of a new George Mason High School, design and construction of additions & renovations for the existing Mary Ellen Henderson Middle School, and the design and construction of sports facilities as necessary to accommodate the new facilities located at 7124 & 7130 Leesburg Pike, Falls Church VA 22043.

2. **GEORGE MASON HIGH SCHOOL** - The Project includes the design and construction services to meet the Building Program and requirements contained in the Education Specification, Requirements for Grade 9-12 High School and High School Level of Quality and Guide Specifications for the construction of a new George Mason High School. The Project includes all associated utilities, stormwater management, landscaping, tree preservation, floodplain verification, parking, and any other site improvements necessary to meet permit requirements.
 - a. Attachments for the George Mason High School scope of work includes the following:
 - George Mason High School Program (Appendix C – Attachment 1)
 - Education Specification, Requirements for Grade 9-12 High School (Appendix C – Attachment 2)
 - High School Level of Quality and Guide Specification (Appendix C – Attachment 3)

 - b. FCCPS encourages the submission of High School designs that illustrate an innovative design approach that promotes the development of student critical thinking on a global scale, solving real-world problems. An example would be each of the departments arranged in a “learning pod” where classroom spaces adjoin with community learning spaces. The community spaces should be integral to the classroom activities to promote collaborative learning and design thinking. The purpose is to create a learning environment that fosters independent learners, innovators, and problem solvers through hands-on application of curriculum and learning reinforcement through student interaction, presentation, and creation.

- c. It is acceptable to renovate some or all of the existing George Mason High School to meet the project requirements. The project must still conform to all requirements of the George Mason High School Program and Education Specification, Requirements for Grade 9-12 High School. Selective demolition down to existing structure and exterior masonry veneer must be performed on all renovated spaces. Renovated spaces must provide a full restoration of exterior masonry and provide a complete replacement of all casework/millwork, roofing, insulation, doors & hardware, windows, finishes, ceilings, equipment, specialties, elevators, sprinkler, fire alarm, plumbing systems, mechanical systems, and electrical systems.
- d. The project design and construction shall obtain, at a minimum, the U.S. Green Building Council LEED Silver certification. Provide an add alternate to obtain LEED Gold certification. Owner will provide Enhanced Commissioning for required systems.
- e. Preference will be given to proposals that provide a physical connection between the existing Mary Ellen Henderson Middle School and new George Mason High School. While the facilities will operate independently and the intent is to maintain a separation between the Middle School and High School, the sharing of building support facilities (Kitchen, Mechanical & Electrical Systems) is encouraged. Students should be able to traverse with ease from one building to the other, in order to access a course or space in either building.
- f. Preference will be given to proposals that provide a main High School academic structure of 4-6 stories. The proposal should provide a strategy for the future expansion of the High School academic structure, should the school continue to enroll beyond the projected 1,500 as outlined in this RFP.
- g. Preference will be given to proposals that provide STEAM Classrooms with easy access to outdoor classroom space for learning (i.e. Installation of a roll-up door that opens a classroom wall to an outdoor classroom space, creating one indoor/outdoor classroom).

3. **MARY ELLEN HENDERSON MIDDLE SCHOOL** - The Project includes the design and construction services to meet the Building Program and requirements contained in the Education Specification, Requirements for Grade 6-8 Middle School and Middle School Level of Quality and Guide Specifications for the construction of an addition to the

existing Mary Ellen Henderson Middle School. The Project includes all associated utilities, stormwater Management, landscaping, tree preservation, floodplain verification, parking, and any other site improvements necessary to meet permit requirements. The addition shall be compatible architecturally with the existing facility.

- a. Attachments for the Mary Ellen Henderson Middle School scope of work includes the following:
 - Mary Ellen Henderson Middle School Program (Appendix C - Attachment 4)
 - Existing Middle School Floor Plans (Appendix C - Attachment 5)
 - Education Specification, Requirements for Grade 6-8 Middle School (Appendix C - Attachment 6)
 - Middle School Level of Quality and Guide Specification (Appendix C - Attachment 7)
 - b. Mary Ellen Henderson Middle School is currently organized with the classrooms of each grade grouped together with a central core space. The eighth grade is located on the second floor and the sixth & seventh grades on the third floor. Preference will be given to proposals that provide the addition classroom spaces grouped with the existing grade classroom spaces. Re-assignment of existing spaces is an option to facilitate the classroom grouping.
 - c. The project design and construction shall obtain, at a minimum, the U.S. Green Building Council LEED Silver certification. The Mary Ellen Henderson Middle School addition construction shall be built to LEED Silver requirements even if the addition is ineligible for LEED Silver certification.
4. **OUTDOOR SPORTS FACILITIES** - The Project includes the design and construction services to meet the Sports Facilities Program and as indicated below. Undisturbed existing sports facilities may remain “as-is” to fulfill that specific facility Sports Facilities Program requirement. Preference will be given to proposals that upgrade existing facilities to remain to the specifications listed below. Sports facilities must provide protection for Route 66 as required by the entity having jurisdiction.
- a. Attachments for the Sports Facilities scope of work includes the following:
 - Sports Facility Program (Appendix C - Attachment 8)
 - b. **FOOTBALL / LACROSSE FIELD / STADIUM** – Design and construction of a synthetic turf combination football & lacrosse field. Consideration will be given to synthetic turf alternatives to crumb rubber infill. Football field shall be constructed and sized in accordance with NFHS Standards. Lacrosse field shall be constructed and sized in accordance with U.S. Lacrosse Standards for both men’s and women’s play. Stadium

includes field lighting, goals, scoreboard, fencing, aluminum bleachers seating 2000, concessions, broadcast booth, ticket booth, and public toilets.

- c. **SOCCER / FIELD HOCKEY FIELD / RUNNING TRACK** – Design and construction of a synthetic turf combination soccer & field hockey field with perimeter running track. Consideration will be given to synthetic turf alternatives to crumb rubber infill. Soccer field shall be constructed and sized in accordance with NFHS Standards. Field Hockey field shall be constructed and sized in accordance with NFHS Standards. Running track shall be constructed of all-weather material in accordance with NFHS Standards, and must include competition layout for all field events (shot put, discus, high jump, long jump, triple jump, pole vault). Field includes field lighting, goals, concrete pads, protective barriers, and pits for field events, scoreboard, fencing, and aluminum bleachers seating 500.

- d. **BASEBALL FIELD** – Design and construction of a baseball field in accordance with NFHS Standards, and shall have a minimum distance from home plate to left/right field foul poles of 305 feet, and a minimum distance from home plate to center field fence of 350 feet. Field should be oriented with center line running from southwest to northeast, with home plate in southwest corner. Field cannot be oriented with center line running due east to due west. Baseball field includes field lighting, fencing, team dugouts, backstop, press box, scoreboard, aluminum bleachers seating 150, batting cages (2), home & visitor’s bullpens, and irrigation system.

- e. **SOFTBALL FIELD** – Design and construction of a softball field in accordance with NFHS Standards, and shall have a minimum distance from home plate to left/right field foul poles of 275 feet, and a minimum distance from home plate to center field fence of 275 feet. Field should be oriented with center line running from southwest to northeast, with home plate in southwest corner. Field cannot be oriented with center line running due east to due west. Softball field includes field lighting, fencing, team dugouts, backstop, press box, scoreboard, aluminum bleachers seating 150, batting cages (2), and irrigation system.

- f. **TENNIS COURTS** – Design and construction of (6) Tennis Courts in accordance with USTA Standards. Tennis Courts include fencing, wind barrier, posts & nets, lighting, and exterior aluminum bleachers seating 100.

- g. **SITE CIRCULATION** – Provide internal pedestrian site circulation that allows controlled access to each sports facility. Provide vehicle access to each sports facility for maintenance (wide pedestrian walkways and gates is acceptable). Each sports facility shall be located such that public toilets and concessions facilities are accessible from spectator seating areas. All Sports Facilities require emergency & facility maintenance vehicular access to the playing surface without crossing another

Sports Facility playing surface. Design shall include “nature areas” in green spaces not utilized for sports facilities.

5. **SCHOOL BOARD ADMINISTRATION** - The Project includes the design and construction services to meet the Building Program for School Board Administration. School Board Administration can be located in the High School or in the commercial development at no cost to FCCPS. If located in the High School, provide a separate entrance off the main lobby or separate elevator. School Board Administration can be constructed to typical office build-out standards with the exception of drywall walls extending up to structure for the mitigation of sound transmission.
 - a. Attachments for the School Board Administration scope of work includes the following:
 - School Board Administration Program (Appendix C - Attachment 9)
 - School Board Administration Ed Spec (Appendix C - Attachment 10)

6. **ADD ALTERNATE – POOL FACILITY** – The Project includes an add alternate for the design and construction services to meet the Add Alternate – Pool Facility Program and the Pool Facility Level of Quality and Guide Specification for the construction of a new Pool Facility. The pool shall be accessible from the High School but easily segregated for community use during off-school hours.
 - a. Attachments for the Pool Facility scope of work includes the following:
 - Add Alternate – Pool Facility Program (Appendix C - Attachment 11)
 - Add Alternate – Pool Facility Ed Spec (Appendix C - Attachment 12)

7. **PARKING** – The current George Mason High School and Mary Ellen Henderson Middle School campus contains 500 parking spaces. Maintain 500 dedicated parking spaces for school only use in the proposed project.
 - a. Preference will be given to parking strategies that provide additional shared parking available to FCCPS for school events. If a shared structure for school and commercial parking is proposed, school parking must be segregated from commercial parking.

 - b. FCCPS encourages cooperative parking strategies with the adjoining properties.

8. **BUS PARKING** – FCCPS will consider the relocation of the Bus Parking to an alternate site owned by the City. Design and Construct Bus Parking for 20 buses & 10 cars on the alternate site. Include electric for plug-in block heaters and a “Bus Office” with (2) 150 SF offices, (1) 700 SF Training Classroom, and (1) Staff Toilet. Work includes stormwater and other site improvements necessary to obtain permits.

9. **CITY MULCH FACILITY** – FCCPS will consider the relocation of the City Mulch Facility to an alternate site owned by the City. Provide 15,000 SF of paved area for mulch operations. Work includes stormwater and other site improvements necessary to obtain permits.

10. Facility Designs should meet the following minimum criteria:
 - a. Guidelines for School Facilities in Virginia’s Public Schools dated June 2010, revised September 2013, by the Virginia Department of Education. If not a Virginia Department of Education requirement (mandatory), the minimum criteria in the RFP will govern.
 - b. George Mason High School Program (Appendix C - Attachment 1)
 - c. Education Specification, Requirements for Grade 9-12 High School (Appendix C - Attachment 2).
 - d. High School Level of Quality and Guide Specifications (Appendix C - Attachment 3)
 - e. Mary Ellen Henderson Middle School Program (Appendix C - Attachment 4)
 - f. Mary Ellen Henderson existing floor plans (Appendix C - Attachment 5)
 - g. Education Specification, Requirements for Grade 6-8 Middle School (Appendix C - Attachment 6).
 - h. Middle School Level of Quality and Guide Specifications (Appendix C - Attachment 7).
 - i. Sports Facilities Program (Appendix C - Attachment 8).
 - j. School Board Administration Program (Appendix C - Attachment 9).
 - k. School Board Administration Ed Spec (Appendix C - Attachment 10)
 - l. Add Alternate – Pool Facility Program (Appendix C - Attachment 11).
 - m. Add Alternate – Pool Facility Ed Spec (Appendix C - Attachment 12).
 - n. Gain the approval of the FCCPS School Board and City of Falls Church.

11. The existing George Mason High School and Mary Ellen Henderson Middle School facilities will remain in operation during the entire design and construction process. The project will require phasing during construction to maintain continual operation of the facilities. Provide any necessary temporary facilities (i.e. trailers) to maintain full school operations. Sports Facilities may be taken out of service during construction activities as necessary. A safety plan will be required to insure safe egress of students, parents, and staff during construction.

12. It should be assumed that structures will require deep foundations. During the construction of the Mary Ellen Henderson Middle School, buried debris and unsuitable soils were encountered that required the structure being placed on geo-pier deep foundations. This condition is expected to be found under the Softball Field, Baseball Field, and Tennis Courts/City Mulch Yard but may extend further into the site.

DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
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ENGLISH DEPARTMENT

English Collaborative Classrooms	800	15	12000
Teacher Team Room & Lounge	400	1	400
English Breakout Space	400	2	800
Academic Storage Room	300	1	300
Content Area Small Classroom	400	3	1200
Staff Toilet	60	1	60

SUBTOTAL ENGLISH 14760

MATH DEPARTMENT

Math Classrooms	800	15	12000
Teacher Team Room & Lounge	400	1	400
Academic Storage Room	300	1	300
Content Area Small Classroom	400	5	2000
Staff Toilet	60	1	60

SUBTOTAL MATH 14760

SCIENCE DEPARTMENT

Universal Lab / Classroom	1800	13	23400
STEAM Lab / Resource Area	1500	1	1500
Teacher Team Room & Lounge	400	1	400
Science Breakout Space	400	2	800
Academic Storage Room	300	1	300
Content Area Small Classroom	400	2	800
Staff Toilet	60	1	60

SUBTOTAL SCIENCE 27260

DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
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SOCIAL STUDIES DEPARTMENT

Social Studies Collaborative Classroom	800	15	12000
Teacher Team Room & Lounge	400	1	400
Social Studies Breakout Space	400	2	800
Academic Storage Room	300	1	300
Content Area Small Classroom	400	4	1600
Staff Toilet	60	1	60

SUBTOTAL SOCIAL STUDIES 15160

WORLD LANGUAGE DEPARTMENT

Large Group Classroom	800	11	8800
Small Group Classroom	400	1	400
Language Breakout Space	200	5	1000
Teacher Team Room & Lounge	400	1	400
Academic Storage Room	300	1	300
Content Area Small Classroom	400	3	1200
Staff Toilet	60	1	60

SUBTOTAL WORLD LANGUAGE 12160

INTER-DISCIPLINARY

LIBRARY / MEDIA SERVICES

Media Center	4000	1	4000
Office	150	3	450
Workroom	400	1	400
Staff Toilet	60	1	60
Collaborative Classroom	800	1	800
Collaborative Classroom	500	2	1000
Design Lab	1600	1	1600
Design Studio	900	1	900
Small Group / Conference	300	2	600
Digital Technology Storage	500	1	500

SUBTOTAL LIBRARY / MEDIA 10310

INTER-DISCIPLINARY RESOURCES

Presentation Arena	1000	1	1000
Small Group / Ind Assessment	200	3	600
Hybrid Learning Center	1500	1	1500

SUBTOTAL INTER-DISCIPLINARY 3100

SUBTOTAL INTER-DISCIPLINARY 13410

DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
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ART - PERFORMANCE AND DESIGN DEPARTMENT

VISUAL ARTS

Design Labs	1200	4	4800
Teacher Team Room & Lounge	800	1	800
Art Storage	300	3	900
Kiln Room	200	1	200
SUBTOTAL VISUAL ARTS			6700

AUDITORIUM / PERFORMANCE

Main Auditorium / Stage	12000	1	12000
Auditorium Lobby	1000	1	1000
Stage and Support Areas	4000	1	4000
Control Room / Storage	200	1	200
Broadcast Room	300	1	300
Ticket Booth	50	1	50
Concessions / School Store	300	1	300
Dressing Room / Toilet	300	2	600
Scene Shop & Workroom	700	1	700
Theatre Arts / Drama / Black Box	1800	1	1800
Orchestra Pit	1500	1	1500
Public Toilets	700	2	1400
SUBTOTAL AUDITORIUM / PERFORMANCE			23850

PERFORMING ARTS

Band / Orchestra	1600	1	1600
Choral / Strings Program	1000	1	1000
Instrument Storage	200	2	400
Uniform Storage	200	2	400
Practice Rooms	100	6	600
Music Library	150	2	300
SUBTOTAL PERFORMING ARTS			4300

SUBTOTAL ART - PERFORMANCE AND DESIGN

34850

CROSS DISCIPLINARY INNOVATION DEPARTMENT

Project Based Learning Lab	1500	2	3000
Education Resource Center	800	1	800
Technology Breakout Space	200	2	400
Storage Room	150	2	300
Staff Toilet	60	1	60

SUBTOTAL CROSS DISCIPLINARY INNOVATION

4560

DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
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PHYSICAL EDUCATION

GYMNASIUM

Competition Gym	20000	1	20000
Gym Lobby	1000	1	1000
Community Gymnasium - 2 Courts	12000	1	12000
Wrestling Room	3000	1	3000
Fitness Center	4000	1	4000
Concessions	300	1	300
Ticket Booth	150	1	150
Broadcast AV Room	300	1	300
Indoor Storage	800	1	800
Boys Locker Room	6000	1	6000
Girls Locker Room	6000	1	6000
Public Toilet Rooms	700	2	1400
Outdoor Storage	250	1	250
SUBTOTAL GYMNASIUM			55200

GYM OFFICES

Gym A.D. Office	500	1	500
Conference Room	900	1	900
Faculty Offices	150	7	1050
Coaches Offices	1500	2	3000
Health CR	800	3	2400
SUBTOTAL GYM OFFICES			7850

GYM SUPPORT SPACES

Laundry Room	500	1	500
Training Room	1500	1	1500
Storage / PE	800	1	800
Storage / Athletics	4500	1	4500
SUBTOTAL GYM SUPPORT SPACES			7300

SUBTOTAL PHYSICAL EDUCATION

70350

DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
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SPECIAL EDUCATION

Special Needs Content Area	800	1	800
Small Resource Room	500	2	1000
Sensory Room	500	1	500
Life Skills	1500	1	1500
OT/PT Lab	800	1	800
Transition Center	1200	1	1200
Storage Room	200	1	200
Conference Room	250	1	250
Testing Room	100	1	100
Staff Toilet	60	1	60

SUBTOTAL SPECIAL EDUCATION 6410

TECHNOLOGY SUPPORT SERVICES

IT Admin Office / Command Center	1000	1	1000
Digital Technology Storage	200	1	200
Server Room	300	1	300

SUBTOTAL TECHNOLOGY SUPPORT SERVICES 1500

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

Guidance Reception	100	1	100
Registrar / Secretary	75	1	75
College / Career Center	300	1	300
Main Counselor's Office	175	1	175
Counselor's Office	150	4	600
IB Coordinator / Gifted	150	1	150
Testing / Data Coordinator	150	1	150
Student Support	150	2	300
Itinerants	50	3	150
Small Group / Conference	200	1	200
Workroom	200	1	200
Records Storage	200	1	200
Special Education / Parent Liaison	200	1	200
Staff Toilet	60	2	120

SUBTOTAL GUIDANCE / CAREER / SUPPORT 2920

DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
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HEALTH SERVICES

Clinic Waiting / Reception	50	1	50
Nurse's Office	100	2	200
Exam Room	150	1	150
Resting Area	100	2	200
Storage	50	1	50
Health Toilet	75	2	150

SUBTOTAL HEALTH SERVICES			800
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FOOD SERVICE

Dining / Commons	7000	1	7000
Serving	1600	1	1600
Kitchen	1500	1	1500
Kitchen Office	50	1	50
Walk-in Refrigerator	500	1	500
Walk-in Freezer	500	1	500
Dry Storage	600	1	600
Faculty Dining / Lounge	300	1	300
Senior Courtyard - Outside Space	0	1	0
Staff Toilet	60	1	60

SUBTOTAL FOOD SERVICE			12110
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DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
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ADMINISTRATION / SAFETY / BUILDING SERVICES

ADMINISTRATION

Secure Vestibule	300	1	300
Entrance Lobby	800	1	800
Reception / Clerical	500	1	500
Principal	300	1	300
Assistant Principal / Dean	120	3	360
Staff Offices	120	3	360
Workroom / Mail	300	1	300
Conference Room	400	1	400
Storage / Supplies	100	4	400
Attendance	150	1	150
Bookkeeper	150	1	150
Records Storage	200	1	200
Student Supervised Study	200	1	200
Staff Toilet	60	2	120
SUBTOTAL ADMINISTRATION			4540

BUILDING SERVICES / MAINTENANCE

Custodial / Maint Office	120	3	360
Receiving / Storage	1200	1	1200
Lockers	200	1	200
SUBTOTAL BUILDING SERVICES			1760

SUBTOTAL ADMINISTRATION / SAFETY / BUILDING

6300

TOILETS

Staff Toilets	60	15	Included
Health Toilet	75	2	Included
Dressing Room / Toilet	300	2	Included
Boys / Girls Locker	6000	2	Included
Public Toilets	700	4	Included
Boys Gang Toilets	300	4	1200
Girls Gang Toilets	300	4	1200
Custodial Closets	50	9	450

SUBTOTAL TOILETS

2850

TOTAL PROGRAM SPACE

240160

DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
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SUPPORT SPACES AND CIRCULATION

Mechanical Room				
Electrical Room				
Electrical Closets				
Communication Closets				
Sprinkler Room				
Elevators				
Stairs				
Corridors				
Non-Programed Space 30%				72048

SUBTOTAL SUPPORT SPACES AND CIRCULATION				72048
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GRAND TOTAL				312208
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RFP No. 0730 – 15GMHS - PPEA

APPENDIX C - ATTACHMENT 2
EDUCATIONAL SPECIFICATION

FOR
REQUIREMENTS FOR GRADE 9-12 HIGH SCHOOL
GEORGE MASON HIGH SCHOOL

(1500 Student Capacity)

Falls Church City Public Schools
Falls Church, VA

July 30, 2015

FALLS CHURCH CITY PUBLIC SCHOOLS
EDUCATIONAL SPECIFICATIONS
GEORGE MASON HIGH SCHOOL

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PART I

SUMMARY OF SQUARE FOOTAGE
REQUIREMENTS FOR HIGH SCHOOL

SEE APPENDIX C – ATTACHMENT 1

PART II

SPACE SPECIFIC REQUIREMENTS

GENERAL

The school will be designed for 1500 student capacity.

FCCPS encourages the submission of High School designs that illustrate an innovative design approach that promotes the development of student critical thinking on a global scale, solving real-world problems. An example would be each of the departments arranged in a “learning pod” where classroom spaces adjoin with community learning spaces. The community spaces should be integral to the classroom activities to promote collaborative learning and design thinking. The purpose is to create a learning environment that fosters independent learners, innovators, and problem solvers through hands-on application of curriculum and learning reinforcement through student interaction, presentation, and creation.

DEFINITIONS

Telecommunications Provide a complete Telecommunications System and Phone System with interface with the City telecommunications backbone (See Educational Specification for additional space requirements). Provide a Telecommunications Server Room with split system HVAC for main telecommunications equipment (Separate Data & Phone Racks, Cisco Servers, **Cisco PoE WS-C2960X-48FPS-L** switches, and **Cisco SFP 1000 Base T** modules) and phone system equipment (VOIP). Security Cameras will be terminated at Data Switches. The system will include a fiber optic connection to the COX fiber optic backbone. Telecommunications and Phone equipment shall be connected to emergency backup power circuits along with an Uninterruptable Power Supply battery backup system. Remote telecommunications closets shall be connected by fiber optic cable to the main telecommunications room. Provide at a minimum CAT6 cable for all data and phone connections. Every room shall have at least one data and phone outlet. Provide a wireless access point (**Cisco AIR CAP37021-A-K9**) at each classroom & special education classroom, (4) wireless access points at the cafeteria, media center, gymnasium, & auditorium, and additional wireless access points as needed for complete building coverage. Provide 64” Interactive White Boards (**SMART Board Model SBM680**), projectors (**Epson Powerlite 99W Series**), and **Apple TV** at all classrooms, special education classrooms, and as specified in the Education Specification (include all necessary data and power requirements). Interface telecommunications system with security system, security camera system, door access card reader system, and HVAC control system. The Phone System includes phones and interface with the Carehawk/Dukane Public Address intercom system.

Due to the on-going rapid advancement in Technology, the cost of the specific Telecommunications Equipment noted above, including servers, switches, wireless access points, interactive white boards, projectors, and Apple TV will be included as an allowance. The allowance will be used to purchase the final Telecommunications Equipment as selected by the Owner.

Cable Television (CATV) Not required.

Intercom System	Provide a complete Carehawk/Dukane Public Address intercom system that covers all interior spaces and exterior spaces including the Main Entrance and Sports Facilities. The Carehawk/Dukane Intercom System shall be installed in the Main Office, include (3) master stations, and an interface with the VOIP phone system. Provide intercom speakers in all interior spaces. Intercom announcements shall be audible at all interior spaces. Call back switches shall be provided in all classrooms, special education classrooms, and teaching spaces (See Education Specification).
Security CCTV	Provide a complete security system and CCTV system that monitors the building exterior and all interior building entrances, corridors, stairs, and any areas that are remote or not directly supervised by school staff. Provide security cameras interfaced with the telecommunications system that will be monitored through the FCCPS main server. Provide interior cameras that monitor all building entrances, building corridors, and stairs at each floor. Provide exterior cameras that monitor the entire building exterior. The building security system shall provide motion detectors that monitor all building entrances, building corridors, and building stairs at each floor. Provide security system keypads at each building entrance and interface with the City of Falls Church Police Department for system monitoring.
Door Access System	Provide a complete card reader door access system including computer, software, and cards for a minimum 120 personnel. Card readers and electric locks shall be provided at all building entrances, and telecommunications rooms. Interface card reader system with telecommunications system.
Life Safety	<p>Provide a complete Fire Alarm system per code requirements with interface with the City of Falls Church Police Department for system monitoring. Provide electronic door holders for all stair, corridor, cafeteria, auditorium and gym doors. The building will be fully covered by a Sprinkler System.</p> <p>Provide an Emergency Generator for all life safety systems, telecommunications system, phone system, security system, door access system, Kitchen Refrigerators & Freezers, Health Clinic Refrigerator, and Science Room Refrigerators & Freezers.</p>
HVAC Controls	Provide ASI HVAC Control System or alternate HVAC Control System and integrate with the school's existing ASI Controls. A central HVAC Graphic Control system shall integrate all FCCPS school HVAC Control systems to one location. Provide interface and control for the George Mason High School, Mary Ellen Henderson Middle School, Thomas Jefferson Elementary School, Mount Daniel Elementary School, and Jessie Thackrey Preschool.
FF&E	Provide design, procurement, and coordination services for the development & procurement of Owner Furniture, Fixtures & Equipment (FF&E). An allowance will be established for the purchase of FF&E.
Special Characteristics	All items listed under "Special Characteristics" are to be "In-Contract" unless noted otherwise.

ENGLISH DEPARTMENT

SPACE NAME: ENGLISH COLLABORATIVE CLASSROOMS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching space for English Department.

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Work counter/cabinets
Base and wall storage cabinets (6 ft.)
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (24)
Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**
Window Blinds
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
/ Projector ceiling outlet
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side
of room, wireless access point, interactive white board & projector
provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back

ENGLISH DEPARTMENT

SPACE NAME: TEACHER TEAM ROOM & LOUNGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Individual teachers work area and storage of professional materials.
- B. Specific Activities:
 - Teacher and staff preparation of materials
 - Space for teacher and staff files
 - Space for teacher and staff supplies and storage.

OCCUPANTS:

- **Staff** 6-8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Central to the English Department.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 6 ft. work counter/cabinet with sink/hot and cold water
48" x 48" tackboard
48" x 48" whiteboard
- **By Owner** Copier Equipment
Bookcases
File Cabinets
Sofa
2 Round tables
8 Chairs
4 Lounge chairs
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass
- **Electric outlets** Minimum (2) duplex per wall, (2) duplex outlets above counter, and (1) 208V outlet for copying equipment
- **Telecommunications** (1) data outlet for copying equipment / Wireless Access Point
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

SPACE NAME: ENGLISH BREAKOUT SPACE

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Small open student workgroups spaces.

OCCUPANTS:

- **Staff** 1
- **Students** Varies

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Along corridor in English Department

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 64" Interactive whiteboard (smart technology w/ projector)
120" x 48" total length tackboard
120" x 48" total length whiteboard
- **By Owner**
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
- **Electric outlets** Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back

SPECIAL CHARACTERISTICS:

- **N/A**

SPACE NAME: ACADEMIC STORAGE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of academic supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent to Teacher Work Room

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

ENGLISH DEPARTMENT

SPACE NAME: CONTENT AREA SMALL CLASSROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Student small group classroom.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 5-10

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Distribute in English Department

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 120" x 48" total length tackboard
120" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (6 ft.)
36" x 120" bookcase under tackboard
- **By Owner** Desks (5-10)
Chairs (5-10)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 144" x 60" per classroom**
Window Blinds

SPACE NAME: STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Staff use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft each
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'-0" -CMU - painted - epoxy
Ceiling: suspended acoustic tile 8'-0" A.F.F.
Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

MATH DEPARTMENT

SPACE NAME: MATH CLASSROOMS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching space for Mathematics.

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Work counter/cabinet
Base and wall storage cabinets (6 ft.)
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (24)
Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall / Projector ceiling outlet
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side of room, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**
Window Blinds

MATH DEPARTMENT

SPACE NAME: TEACHER TEAM ROOM & LOUNGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Individual teachers work area and storage of professional materials.
- B. Specific Activities:
 - Teacher and staff preparation of materials
 - Space for teacher and staff files
 - Space for teacher and staff supplies and storage.

OCCUPANTS:

- **Staff** 6-8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Central to the Math Department.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 6 ft. work counter/cabinet with sink/hot and cold water
48" x 48" tackboard
48" x 48" whiteboard
- **By Owner** Copier Equipment
Bookcases
File Cabinets
Sofa
Table
4 Chairs
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass
- **Electric outlets** Minimum (2) duplex per wall, (2) duplex outlets above counter, and (1) 208V outlet for copying equipment
- **Telecommunications** (1) data outlet for copying equipment, Wireless Access Point
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

MATH DEPARTMENT

SPACE NAME: ACADEMIC STORAGE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of academic supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent to Teacher Work Room

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 80"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

MATH DEPARTMENT

SPACE NAME: **CONTENT AREA SMALL CLASSROOM**

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Student small Classroom space.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 5-10

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 120" x 48" total length tackboard
120" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (6 ft.)
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (5-10)
Chairs (5-10)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 120" x 60" per classroom**
Window Blinds

SPACE NAME: STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Staff use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft each
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes**
 - Floor: ceramic tile
 - Base: ceramic tile
 - Walls: ceramic tile wainscot 5'-0" - CMU - painted - epoxy
 - Ceiling: suspended acoustic tile 8'-0" A.F.F.
 - Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

SCIENCE DEPARTMENT

SPACE NAME: UNIVERSAL LAB / CLASSROOMS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching space for Science.

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 1800 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract**
 - 120" x 48" total length tackboard
 - 192" x 48" total length whiteboard
 - 64" Interactive whiteboard (smart technology w/ projector)
 - Central Teacher Science Desk with gas, deep sink, gooseneck faucet, electric, and acid resistant countertop. Base cabinet storage under desk.
 - (6) Science Room Tables, adjustable height, four students each, with gas, deep sink, gooseneck faucet, electric, and acid resistant countertop.
 - (25) Science Table Stools
 - Flagholder on wall
 - Base and wall storage cabinets along two entire walls, acid resistant countertop, two deep double sinks, and gooseneck faucets.
 - Teacher wardrobe 48"w x 72"h x 24"d with lock
- **By Owner** Science Equipment
- **Finishes**
 - Floor: VCT
 - Base: Vinyl
 - Walls: CMU - painted
 - Ceiling: suspended acoustic tile 9'-6" A.F.F.
 - Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall / Projector ceiling outlet / Science Tables / (8) duplex outlets above countertop
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side of room, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**
Window Blinds

SCIENCE DEPARTMENT

SPACE NAME: STEAM LAB RESOURCE AREA

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Science, Technology, Engineering, Art & Math education space.

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 1500 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets along two entire walls
Two deep double science room sinks with gooseneck faucet
Teacher wardrobe 48"w x 72"h x 24"d with lock
Laminated science acid resistant countertops
(6) Science room tables on casters (4 students each)
- **By Owner** Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
/ Projector ceiling outlet / (8) duplex outlets above counter
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side
of room, wireless access point, interactive white board & projector
provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom w/ Window Blinds**
- **Provide 12' wide roll-up door to exterior classroom space (minimum 1000 SF)**
- **HVAC provisions for roll-up door considerations (isolate space)**

SCIENCE DEPARTMENT

SPACE NAME: TEACHER TEAM ROOM & LOUNGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Individual teachers work area and storage of professional materials.
- B. Specific Activities:
 - Teacher and staff preparation of materials
 - Space for teacher and staff files
 - Space for teacher and staff supplies and storage.

OCCUPANTS:

- **Staff** 6-8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Central to the Science Department.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 6 ft. work counter/cabinet with sink/hot and cold water
48" x 48" tackboard
48" x 48" whiteboard
- **By Owner** Copier Equipment
Bookcases
File Cabinets
Sofa
2 Round tables
8 Chairs
4 Lounge chairs
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass
- **Electric outlets** Minimum (2) duplex per wall, (2) duplex outlets above counter, and (1) 208V outlet for copying equipment
- **Telecommunications** (1) data outlet for copying equipment / Wireless Access Point
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

SCIENCE DEPARTMENT

SPACE NAME: SCIENCE BREAKOUT SPACE

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Small student workgroups open space.

OCCUPANTS:

- **Staff** 1
- **Students** Varies

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Along corridor in Science Department

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 64" Interactive whiteboard (smart technology w/ projector)
- **By Owner**
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
- **Electric outlets** Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet, wireless access point, interactive white board & projector provisions / Apple TV
- **Ceiling speakers** Public Address System

SPECIAL CHARACTERISTICS:

- N/A

SCIENCE DEPARTMENT

SPACE NAME: ACADEMIC STORAGE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of academic supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent to Teacher Work Room

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 80"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

SCIENCE DEPARTMENT

SPACE NAME: CONTENT AREA SMALL CLASSROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Student small group classroom.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 5-10

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Distribute in Science Department

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (6 ft.)
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (5-10)
Chairs (5-10)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 120" x 60" per classroom**
Window Blinds

SCIENCE DEPARTMENT

SPACE NAME: STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Staff use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft each
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 8'-0" A.F.F.
Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

SOCIAL STUDIES DEPARTMENT

SPACE NAME: SOCIAL STUDIES COLLABORATIVE CLASSROOMS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching space for Social Studies.

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
Map Holder
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (6 ft.)
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (24)
Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall / Projector ceiling outlet
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side of room, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**
Window Blinds

SOCIAL STUDIES DEPARTMENT

SPACE NAME: TEACHER TEAM ROOM & LOUNGE

- A. Individual teachers work area and storage of professional materials.
- B. Specific Activities:
 - Teacher and staff preparation of materials
 - Space for teacher and staff files
 - Space for teacher and staff supplies and storage.

OCCUPANTS:

- **Staff** 6-8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Central to the Social Studies Department.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 6 ft. work counter/cabinet with sink/hot and cold water
48" x 48" tackboard
48" x 48" whiteboard
- **By Owner** Copier Equipment
Bookcases
File Cabinets
Sofa
2 Round tables
8 Chairs
4 Lounge chairs
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass
- **Electric outlets** Minimum (2) duplex per wall, (2) duplex outlets above counter, and (1) 208V outlet for copying equipment
- **Telecommunications** (1) data outlet for copying equipment / Wireless Access Point
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

SOCIAL STUDIES DEPARTMENT

SPACE NAME: SOCIAL STUDIES BREAKOUT SPACE

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Small student workgroups open space.

OCCUPANTS:

- **Staff** 1
- **Students** Varies

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Along corridor in Social Studies Department

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 64" Interactive whiteboard (smart technology w/ projector)
- **By Owner**
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
- **Electric outlets** Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet, wireless access point, interactive white board & projector provisions / Apple TV
- **Ceiling speakers** Public Address System

SPECIAL CHARACTERISTICS:

- N/A

SOCIAL STUDIES DEPARTMENT

SPACE NAME: ACADEMIC STORAGE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of academic supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to Teacher Work Room

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 16 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

SOCIAL STUDIES DEPARTMENT

SPACE NAME: CONTENT AREA SMALL CLASSROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Student small group classroom.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 5-10

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 120" x 48" total length tackboard
120" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (6 ft.)
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (5-10)
Chairs (5-10)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 120" x 60" per classroom**
Window Blinds

SOCIAL STUDIES DEPARTMENT

SPACE NAME: STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Staff use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft each
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'-0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 8'-0" A.F.F.
Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

WORLD LANGUAGE DEPARTMENT

SPACE NAME: LARGE GROUP CALSSROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching space for Languages

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (6 ft.)
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (24)
Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
/ Projector ceiling outlet
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side
of room, wireless access point, interactive white board & projector
provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**
Window Blinds

WORLD LANGUAGE DEPARTMENT

SPACE NAME: SMALL GROUP CLASSROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching space for Languages.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 5-10

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (6 ft.)
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (5-10)
Chairs (5-10)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 120" x 60" per classroom**
Window Blinds

WORLD LANGUAGE DEPARTMENT

SPACE NAME: LANGUAGE BREAKOUT SPACE

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Small student workgroups open space.

OCCUPANTS:

- **Staff** 1
- **Students** Varies

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Along corridor in World Language Department

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 64" Interactive whiteboard (smart technology w/ projector)
- **By Owner**
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
- **Electric outlets** Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back

SPECIAL CHARACTERISTICS:

- **N/A**

WORLD LANGUAGE DEPARTMENT

SPACE NAME: TEACHER TEAM ROOM & LOUNGE

- A. Individual teachers work area and storage of professional materials.
- B. Specific Activities:
 - Teacher and staff preparation of materials
 - Space for teacher and staff files
 - Space for teacher and staff supplies and storage.

OCCUPANTS:

- **Staff** 6-8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Central to the World Language Department.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 6 ft. work counter/cabinet with sink/hot and cold water
48" x 48" tackboard
48" x 48" whiteboard
- **By Owner** Copier Equipment
Bookcases
File Cabinets
Sofa
2 Round tables
8 Chairs
4 Lounge chairs
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass
- **Electric outlets** Minimum (2) duplex per wall, (2) duplex outlets above counter, and (1) 208V outlet for copying equipment
- **Telecommunications** (1) data outlet for copying equipment
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

WORLD LANGUAGE DEPARTMENT

SPACE NAME: **ACADEMIC STORAGE ROOM**

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of academic supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent to Teacher Work Room

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

WORLD LANGUAGE DEPARTMENT

SPACE NAME: CONTENT AREA SMALL CLASSROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Student small classroom space.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 5-10

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (6 ft.)
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (5-10)
Chairs (5-10)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 120" x 60" per classroom**
Window Blinds

WORLD LANGUAGE DEPARTMENT

SPACE NAME: STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Staff use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft each
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 8'-0" A.F.F.
Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

INTER-DISCIPLINARY

SPACE NAME: LIBRARY MEDIA SERVICES – MEDIA CENTER

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Provide three distinct seating areas to handle up to three classes at a time exclusive of reading classroom. One of these areas should be able to be darkened for audiovisual presentations. The entire media center should be open with easy visual control.
- B. Provide working/reading space for individuals and small groups (about 25-35 students total). This area should be close to the circulation desk near the reference books, periodical display, and paperback racks. Leisure furniture is desirable in this location in addition to tables and chairs.
- C. Provide shelving for the print collection for students. There are distinct collections that have special requirements and it is important that the linear footage estimates be considered so that collections can be easily marked up for students. The shelving should hold at least 12,000 books in main library (approximately 10 books/linear foot).

OCCUPANTS:

- **Staff** 3
- **Students** 75

SIZE AND LOCATION:

- **Size** 4,000 sq ft
- **Location** As close to the center of the building as possible. Use of Media Center should be possible after hours without violating security.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Fixed Wall and Mobile Bookshelves:
 - **Reference Books** - 100 linear feet of shelving. These materials should be located along the back wall. Bookcase height to be 72" maximum with shelves 12" deep and 15" high.
 - **Fiction Books** - 250 linear feet of shelving, closest to circulation area. These materials can be located near the leisure area, but most important consideration is they have their own area.
 - Wall - 72" high x 12" deep; Free-standing - 48" high x 12" deep x 2
 - **Dewey Numbered Books** - 500 linear feet of shelving. This is the bulk of the collection; the arrangement should be easy to use with a continuous flow from one set of shelves to the next. Stacks should be used for this collection. Wall - 72 " high x 12" deep, double sided
 - Free-standing - 48" x 12" deep x 2
 - **Biography** - 100 linear feet of shelving, double-sided shelves.
 - Wall - 72" high x 12" deep; Free-standing - 48" high x 12" deep x 2
 - **Magazine Shelving** - 50 linear feet of slanted shelves located near entrance and reference collection. Room for comfortable chairs.
- Built-in Casework for Circulation Desk - 39" high. Provide book return and computer space.
- Computer Table - For catalog computers. (5) computers, (1) printer.
- Atlas stand - 32" high
- Dictionary stand - 32" high

INTER-DISCIPLINARY

SPACE NAME: LIBRARY MEDIA SERVICES – MEDIA CENTER (CONTINUED)

FURNISHINGS AND EQUIPMENT: (Continued)

- **In-Contract (Con't)** 144" x 48" tackboard
144" x 48" white marker board
(2) 64" interactive white boards (smart technology w/ projector)
- **By Owner** Chairs (80)
Lounge chairs (4)
End table (2)
File 4-drawer (3)
Tables 48" round (25)
Paperback racks (2)
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 12'-0" A.F.F.
Doors: 36" X 84" with 24" x 36" vision glass
- **Light Switches** Three-way light switches for entire Media Center should be located at main entrance and at each instructional area. Zone lighting into three group areas.
- **Electric outlets** Minimum (16) duplex outlets, Double duplex at circulation desk locations, floor outlets where applicable
Instruction areas (3)
Working and reading space
Stack area
Circulation desk
On-line catalog computers
Computer/disk drive work stations.
Copy machine
- **Telecommunications** (3) Data Outlets & (1) Phone outlet at circulation desk, (6) Data Outlets, (4) wireless access points, (2) interactive white boards & projectors provisions, (2) Apple TV
- **Clock (Atomic)**
- **Ceiling Speakers** (4) minimum / Public Address System with Call Back
- **Audio System** (8) Speakers / Local audio system w/ microphone jacks
- **Motion detector(s)** lighting controls

SPECIAL CHARACTERISTICS:

- **Book security system at entrance doors**
- **Layout shelves and aisles for visual supervision from circulation desk.**
- **Interior Windows to Corridor**
- **Maximize Natural Lighting w/ Window Blinds**

INTER-DISCIPLINARY

SPACE NAME: LIBRARY MEDIA SERVICES – MEDIA CENTER (CONTINUED)

- See sample Media Center Layout below (TBD)

INTER-DISCIPLINARY

SPACE NAME: LIBRARY MEDIA SERVICES – OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Librarian Office Space

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to circulation desk. Good visibility of library from office

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
48" x 48" white board
- **By Owner** Desk
Chair
2 side chairs
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
Vision Glass to Media Center
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex outlet per wall
- **Telecommunications** Data / Phone outlets at desk
- **Ceiling speakers** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide visual windows between office and media center**
Window Blinds

INTER-DISCIPLINARY

SPACE NAME: LIBRARY MEDIA SERVICES – WORKROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Librarian work area and storage of professional materials.
- B. Specific Activities:
 - Librarian and staff preparation of materials
 - Space for Librarian and staff files
 - Space for Librarian and staff supplies and storage.

OCCUPANTS:

- **Staff** 3
- **Students** N/A

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Near Librarian's Office.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 6 ft. work counter/cabinet with sink/hot and cold water
48" x 48" tackboard
48" x 48" whiteboard
- **By Owner** Copier Equipment
Bookcases
File Cabinets
Table
4 Chairs
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass
- **Electric outlets** Minimum (2) duplex per wall, (2) duplex outlets above counter, and (1) 208V outlet for copying equipment
- **Telecommunications** (1) data outlet for copying equipment
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

INTER-DISCIPLINARY

SPACE NAME: LIBRARY MEDIA SERVICES – STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Staff use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft each
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'-0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 8'-0" A.F.F.
Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

INTER-DISCIPLINARY

SPACE NAME: LIBRARY MEDIA SERVICES – COLLABORATIVE CLASSROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching space for Media Center.

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (6 ft.)
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (24)
Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
/ Projector ceiling outlet
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side
of room, wireless access point, interactive white board & projector
provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**
Window Blinds

INTER-DISCIPLINARY

SPACE NAME: LIBRARY MEDIA SERVICES – COLLABORATIVE CLASSROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching Space for Media Center.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 10-12

SIZE AND LOCATION:

- **Size** 500 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets one full wall
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (10-12)
Chairs (10-12)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 120" x 60" per classroom**
Window Blinds

INTER-DISCIPLINARY

SPACE NAME: LIBRARY MEDIA SERVICES – DESIGN LAB

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 1600 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets along two entire walls
One deep double sink with gooseneck faucet
Teacher wardrobe 48"w x 72"h x 24"d with lock
- **By Owner** Desks (24)
Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
/ Projector ceiling outlet
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side
of room, wireless access point, interactive white board & projector
provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**
Window Blinds

INTER-DISCIPLINARY

SPACE NAME: LIBRARY MEDIA SERVICES – DESIGN STUDIO

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 900 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets along two entire walls
One deep double sink with gooseneck faucet
Teacher wardrobe 48"w x 72"h x 24"d with lock
- **By Owner** Desks (24)
Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
/ Projector ceiling outlet
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side
of room, wireless access point, interactive white board & projector
provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**
Window Blinds

INTER-DISCIPLINARY

SPACE NAME: LIBRARY MEDIA SERVICES – SMALL GROUP / CONFERENCE

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Conference room for librarian.

OCCUPANTS:

- **Staff** 8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** One adjacent to librarian's office with connecting door.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 4' x 8' tackboard
4' x 4' white marker board
64" Interactive whiteboard (smart technology w/ projector)
- **By Owner** Table
Chairs
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8"x30" vision glass
- **Electric outlets** Minimum (1) duplex per wall / Projector ceiling outlet
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet / Interactive White Board / Projector provisions / Apple TV
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

INTER-DISCIPLINARY

SPACE NAME: LIBRARY MEDIA SERVICES – DIGITAL TECHNOLOGY STORAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of technology and related supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 500 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (3) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

INTER-DISCIPLINARY

SPACE NAME: INTERDISCIPLINARY RESOURCES – PRESENTATION ARENA

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Presentations

OCCUPANTS:

- **Staff** 1
- **Students** Varies

SIZE AND LOCATION:

- **Size** 1000 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Built in Seating for 50
- **By Owner**
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 12'-0" A.F.F.
Doors: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Audio System** (4) Speakers / Local audio system
- **Ceiling speakers** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

INTER-DISCIPLINARY

SPACE NAME: INTERDISCIPLINARY RESOURCES – SMALL GROUP / IND. ASSESSMENT

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Student support.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 1-4

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 72" x 48" total length tackboard
72" x 48" total length whiteboard
- **By Owner** Desks (4)
Chairs (4)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet
- **Ceiling speakers** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **NA**

INTER-DISCIPLINARY

SPACE NAME: INTERDISCIPLINARY RESOURCES – HYBRID LEARNING
CENTER

USE OF SPACE - PURPOSE/ACTIVITIES:

A.

OCCUPANTS:

- **Staff** 1
- **Students** Varies

SIZE AND LOCATION:

- **Size** 1500 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets two full walls
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Chairs
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 12'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
/ Minimum (8) duplex outlets above counter
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point,
interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**
Window Blinds

ART – PERFORMING AND DESIGN DEPARTMENT

SPACE NAME: VISUAL ARTS – DESIGN LAB

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Art space for drawing, painting, print making, sculpturing, and crafts to make an aesthetic product.

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 1200 sq ft
- **Location**

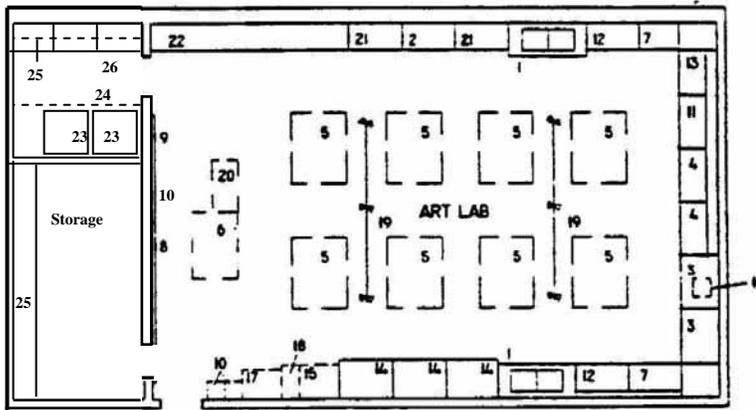
FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** See typical art lab equipment layout and schedule
120" x 48" tackboard
192" x 48" whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flag Holder
- **By Owner** Stools (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted (epoxy)
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** for general use (12) – coordinate with counters
- **Telecommunications** Data / Phone outlet at teachers desk and Data at opposite side of room, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**
Window Blinds

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT



SAMPLE DESIGN LAB (See Included items below)

GENERAL REQUIREMENTS:

- PROVIDE NATURAL LIGHT
- (2) DOUBLE STAINLESS STEEL SINK BASINS, WITH HOT & COLD WATER
- ALL COUNTER TOPS TO BE 1 1/4" PLASTIC LAMINATE
- ALL CABINETS SHALL BE LOCKABLE AND KEYED ALIKE
- PROVIDE (12) ELECTRIC RECEPTACLES MINIMUM
- (1) FIRE EXTINGUISHER
- (2) PAPER TOWEL DISPENSERS
- (1) SOAP DISPENSERS

EQUIPMENT LIST: SEE ATTACHED FLOOR PLAN

- | | |
|---|-----------------------|
| 1. (2) SINK ASSEMBLY WITH (2) 24" x 22" x 10" SINK BASINS | 72"L. X 30"D. X 36"H. |
| 2. (1) BASE CABINET | 48"L. X 24"D. X 36"H. |
| 3. (2) SCULPTURE STORAGE CABINET | 48"L. X 34"D. X 36"H. |
| 4. (2) DRAWING BOARD STORAGE CABINET | 48"L. X 24"D. X 84"H. |
| 5. (6) STUDENT WORK TABLES WITH PEDESTAL BASES | 64"L. X 50"D. X 34"H |
| 6. WORK BENCH/TEACHER'S STATION | 60"L. X 42"D. X 30:H. |
| 7. (2) BASE CABINET | 24"D. X 36"H. |
| 8. TACKBOARD (BEHIND TEACHER) | 4' H X 10' L |
| 9. WHITE MARKER BOARD | 4' H X 16' L |
| 10. GRAY BOARD (FOR PROJECTOR) | 4' H X 6' L |
| 11. (1) TOOL STORAGE CASES | 48"L. X 22"D. X 84"H. |
| 12. (2) TOTE TRAY STORAGE CABINET | 48"L. X 24"D. X 36"H. |
| 13. SPRAY BOOTH | 48"L. X 24"D. X 84"H. |
| 14. (3) FLAT STORAGE CABINETS | 48"L. X 34"D. X 36"H. |
| 15. PAPER CUTTER TABLE - NIC | 36"L. X 30"D. X 36"H. |
| 16. PAPER CUTTER COUNTERTOP MODEL (NIC) | |
| 17. DRYING RACK - NIC | 36"L. X 26"D. X 48"H. |
| 18. ART PRESS - NIC | 16"L. X 30"D. |
| 20. TEACHER'S DESK - NIC | |
| 21. DRAWER BASE CABINET | |
| 22. COMPUTER COUNTER | 15' L X 28" D X 27" H |

KILN ROOM

GENERAL REQUIREMENTS:

- ALL CABINETS SHALL BE LOCKABLE AND KEYED ALIKE
- (1) PAPER TOWEL DISPENSER
- (1) FIRE EXTINGUISHER
- GOOD VENTILATION NEEDED

EQUIPMENT LIST: SEE ATTACHED FLOOR PLAN

- | | |
|--|---------------|
| 23. (2) KILNS | 42"L. X 42"D. |
| 24. EXHAUST HOOD | |
| 25. OPEN WALL MOUNTED SHELVING | 12"D. |
| 26. BASE CABINETS WITH OPEN SHELVING ABOVE | 24"D. X 36"H. |

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: VISUAL ARTS – TEACHER TEAM ROOM & LOUNGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Individual teachers work area and storage of professional materials.
- B. Specific Activities:
 - Teacher and staff preparation of materials
 - Space for teacher and staff files
 - Space for teacher and staff supplies and storage.

OCCUPANTS:

- **Staff** 6-8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location** Central to the Fine and Performing Arts Department.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 6 ft. work counter/cabinet with sink/hot and cold water
48" x 48" tackboard
48" x 48" whiteboard
- **By Owner** Copier Equipment
Bookcases
File Cabinets
Sofa
2 Round tables
8 Chairs
4 Lounge chairs
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass
- **Electric outlets** Minimum (2) duplex per wall, (2) duplex outlets above counter, and (1) 208V outlet for copying equipment
- **Telecommunications** (1) data outlet for copying equipment
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: VISUAL ARTS – ART STORAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of art supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent to Design Lab – Door within Design Lab.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass and lock
- **Electric outlets** (1) duplex outlet per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data / Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: VISUAL ARTS – KILN ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Room to hold Kiln and Fire Pottery.

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent Design Lab – Door within Design Lab.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Art Kiln
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" w/ lock
- **Electric outlets** (1) duplex outlet per wall
Power required for Kiln
- **Ceiling speaker** Public Address System
- **Telecommunications** Data / Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Fire-rated to meet code.**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: AUDITORIUM / PERFORMANCE - MAIN AUDITORIUM / STAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Theatrical space for use in conducting drama and music presentations, assemblies, and other student and community gatherings and presentations. ADA Accessible.

OCCUPANTS:

- **Staff** N/A
- **Students** 1500

SIZE AND LOCATION:

- **Size** 12,000 sq ft
- **Location** Near main student circulation area and public entry. Part of auditorium complex, with convenient access to exterior for movement of equipment.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 1500 Fixed Seats
Projection Screen
Theatrical Premium Sound System
- **By Owner**
- **Finishes** Floor: Sloped, Carpet at walkways, VCT at seats
Base: Vinyl
Ceiling: Designed acoustically for theaters
- **Electric outlets** Ample quantity and general purpose for cleaning equipment
- **Telecommunications** Data / Phone outlet – (4) Wireless Access Points
- **Ceiling speakers for building P.A. systems (10 min.)**
- **Ceiling speakers for theatrical sound system**
- **Intercommunications System (separate from school-wide intercommunications)**
- **“Dead hung” electric battens in ceiling for overhead stage lighting**
- **Catwalk for overhead lighting, concealed from audience view**
- **Sound line all ductwork**
- **Communications link between control room, stage and dressing rooms**

SPECIAL CHARACTERISTICS:

- **H.C. Accessible viewing areas dispersed throughout seating area**
- **Seating Area (Note: sloped aisle access shall comply with ADA requirements)**
- **H.C. Accessible ramp for accessibility to stage platform**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: AUDITORIUM / PERFORMANCE - AUDITORIUM LOBBY

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. The lobby acts as a common gathering point and should reflect the identity of George Mason High School.
- B. Specific Activities:
 - Waiting / Gathering Area

OCCUPANTS:

- **Staff** n/a
- **Students** N/A

SIZE AND LOCATION:

- **Size** 1000 sq ft
- **Location** Entrance to building from Exterior.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Benches
School Name and Graphic
- **By Owner** _____

- **Finishes** Floor: Epoxy Terrazzo
Base: Terrazzo
Walls: CMU - painted
Ceiling: Suspended acoustic tile 10'0" A.F.F.
Door: Storefront System
- **Electric outlets** (4) Maintenance Outlets / (2) TV Outlets
- **Intercom** Main visitor entrance to Auditorium and Main Office
- **Buzzer/elec. release** Main visitor entrance to Auditorium from Main Office
- **Key pad for security**
- **Ceiling Speakers** Public Address System
- **Ceiling Speakers** Auditorium Sound System / Control Room
- **Telecommunications** (2) Data Outlet at Wall mounted TV
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide electronic door release for Lobby Entrance Doors from Main Office. Egress doors from Lobby should be lockable to provide emergency egress only.**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: AUDITORIUM / PERFORMANCE – STAGE AND SUPPORT AREAS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Theatrical space for drama, music, and other school and community presentations. ADA Accessible.

OCCUPANTS:

- **Staff** 2
- **Students** 50

SIZE AND LOCATION:

- **Size** 4,000 sq ft
- **Location** Part of auditorium complex, with convenient access to exterior for movement of equipment.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Dimmer cabinet / Theatrical Stage Lighting
Catwalk for rigging and lighting
Work lights
Stage Rigging
Curtains and tracks
Theatrical Premium Sound System
- **By Owner**
- **Finishes** Floor: Wood
Base: Wood
Walls: CMU, painted
Ceiling: Exposed, painted (20' High)
- **Electric outlets** (16) Electrical Outlets
- **Telecommunications** Data / Phone Outlet
- **Sound line all ductwork**
- **Communications link between control room, stage and dressing rooms**

SPECIAL CHARACTERISTICS:

- **H.C. Accessible ramp for accessibility to stage platform**
- **Special consideration to sound isolation and acoustics**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: AUDITORIUM / PERFORMANCE – CONTROL ROOM / STORAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Visual view of stage
- B. Control Sound and lighting during performances

OCCUPANTS:

- **Staff** 1
- **Students** 4

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Back of Auditorium raised above seats

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 10 ft. work counter/cabinet
Teacher wardrobe 48"w x 72"h x 24"d with lock
Lighting Control Board
Sound System Control Board
- **By Owner** Chairs (5)
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted/acoustical panels
Ceiling: Suspended acoustic tile 12'-6" A.F.F.
Door: 36" X 84"
- **Electric outlets** (4) Double duplex at counter location / Minimum (2) duplex outlets per wall
Power for Sound and Lighting boards
- **Telecommunications** Data / Phone outlet, wireless access point
- **Ceiling speakers** Public Address System with Call Back
- **Lock on Door** Keycard access
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Special consideration to sound isolation and acoustics**
- **Communications link between control room, stage and dressing rooms**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: AUDITORIUM / PERFORMANCE – BROADCAST ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A.

OCCUPANTS:

- **Staff** 1
- **Students**

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** In Theater Complex

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Broadcast Cameras (In Auditorium)
Broadcast Control Equipment
- **By Owner**
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted/acoustical panels
Ceiling: Suspended acoustic tile 12'-6" A.F.F.
Door: (2) 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet, wireless access point, Apple TV
Link to Control Room – Sound System
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Special consideration to sound isolation and acoustics**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: AUDITORIUM / PERFORMANCE – TICKET BOOTH

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Selling tickets for Performances

OCCUPANTS:

- **Staff** 1
- **Students** 1-2

SIZE AND LOCATION:

- **Size** 50 sq ft
- **Location** Adjacent to Entry doors in Auditorium Lobby with space for cuing

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Countertop
Glass window with talk-through or roll-down grille
- **By Owner** Chairs (2)
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at counter location / Minimum (1) duplex outlets per wall
- **Telecommunications** Data / Phone outlet
- **Ceiling speakers** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: AUDITORIUM / PERFORMANCE – CONCESSIONS / SCHOOL STORE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities
- Sale of school supplies and school spirit goods.
 - Sale of Concessions during performance intermissions

OCCUPANTS:

- **Staff** 1
- **Students** 4

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent to Auditorium Lobby

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 36 L.F. adjustable metal shelving 12" deep by 84" high
Storage cabinet 48"w x 72"h x 24"d with lock
Display Counter with roll-down gate
Counter with deep sink
Icemaker
Refrigerator
- **By Owner** Stools (4)
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84"
- **Electric outlets** Double duplex at counter location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet
- **Ceiling speakers** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: AUDITORIUM / PERFORMANCE – DRESSING ROOM / TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Student use
- B. Specific Activities:
 - Rest room facility
 - Changing clothing during performances
 - Applying make-up
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Located backstage

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
Toilet partitions
Countertops (vanity) with mirrors for 8 students
Lighting at mirrors
Closets and Hooks for costumes
- **By Owner** Soap Dispensers
Stools (24)
- **Finishes** Floor: ceramic tile at toilets, VCT in dressing area
Base: ceramic tile at toilets, vinyl in dressing area
Walls: ceramic tile wainscot at toilets - CMU - painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**
- **Special consideration to sound isolation**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: AUDITORIUM / PERFORMANCE – SCENE SHOP AND WORKROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Construction of Sets

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 700 sq ft
- **Location** In Theater Complex

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 120" x 48" tackboard
192" x 48" whiteboard
6 ft. work counter/cabinet with sink/hot and cold water
Teacher wardrobe 48"w x 72"h x 24"d with lock
- **By Owner** Stool (24)
Teacher desk with chair
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 12'-6" A.F.F.
Door: (2) 36" X 84"
- **Electric outlets** Double duplex at desk location / Minimum (4) duplex outlets per wall
Coordinate Electric with Equipment
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Special consideration to sound isolation from performance and practice areas**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: AUDITORIUM / PERFORMANCE – THEATRE ARTS / DRAMA / BLACKBOX

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Practice Space for Theater Arts

OCCUPANTS:

- **Staff** 2
- **Students** 48

SIZE AND LOCATION:

- **Size** 1800 sq ft
- **Location** In Theater Complex

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Teacher wardrobe 48”w x 72”h x 24”d with lock
64” Interactive whiteboard (smart technology w/ projector)
6 ft. work counter/cabinet with sink/hot and cold water
- **By Owner** Chairs (24)
Teacher desk with chair
Portable Sound System
- **Finishes** Floor: VCT - black
Base: Vinyl - black
Walls: CMU – painted black
Ceiling: Suspended acoustic tile 12'-6" A.F.F.
Door: (2) 36" X 84"
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Access points for Portable Sound System**
- **Clock (Atomic)**
-
- **Ceiling speakers** Public Address System with Call Back
-
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Special consideration to sound isolation and acoustics**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: AUDITORIUM / PERFORMANCE – ORCHESTRA PIT

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Orchestra Performance in Auditorium – Add SF to Auditorium Space

OCCUPANTS:

- **Staff** 1
- **Students** 75

SIZE AND LOCATION:

- **Size** 1500 sq ft
- **Location** In front of Stage in Auditorium – Depressed Space below level of Stage

FURNISHINGS AND EQUIPMENT:

- **In-Contract**
- **By Owner** Chairs (75)
Music Stands (75)
Piano
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Auditorium Ceiling.
- **Electric outlets** Minimum (2) duplex outlets per wall
- **Telecommunications** Data outlet

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: AUDITORIUM / PERFORMANCE – PUBLIC TOILETS

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Public use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** N/A
- **Students** 12

SIZE AND LOCATION:

- **Size** 700 sq ft
- **Location** Located by auditorium lobby

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
Toilet partitions
- **By Owner** Soap Dispensers
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: PERFORMING ARTS – BAND / ORCHESTRA

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Instrument teaching, band rehearsal, orchestra rehearsal, small meetings and recitals

OCCUPANTS:

- **Staff** 1
- **Students** 90

SIZE AND LOCATION:

- **Size** 1600 sq ft
- **Location** Clustered in the performing arts area. Music area shall include band room, choral, strings, music classroom, and support space. Access near Stage.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 120" x 48" tackboard
120" x 48" whiteboard
64" Interactive whiteboard (smart technology w/ projector)
6 ft. work counter/cabinet with sink/hot and cold water
Teacher wardrobe 48"w x 72"h x 24"d with lock
Portable Sound System
- **By Owner** 90 chairs and music stands
Piano with bench
- **Finishes** Floor: carpet
Base: vinyl
Walls: CMU painted /tectum acoustical panels
Ceiling: suspended acoustic tile 12'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Access points for Portable Sound System**
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Special consideration to sound isolation and acoustics**
- **Provide closet for chair and riser storage**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: PERFORMING ARTS – CHORAL / STRINGS PROGRAM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Music Teaching Space

OCCUPANTS:

- **Staff** 1
- **Students** 50

SIZE AND LOCATION:

- **Size** 1000 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 120" x 48" tackboard
192" x 48" whiteboard
64" Interactive whiteboard (smart technology w/ projector)
6 ft. work counter/cabinet
Teacher wardrobe 48"w x 72"h x 24"d with lock\
Portable Sound System
Choir Risers
- **By Owner** Chairs (50)
Music Stands (50)
Piano with Bench
Teacher desk with chair
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU - painted/acoustical panels
Ceiling: Suspended acoustic tile 12'-6" A.F.F.
Door: (2) 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Access points for Portable Sound System**
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Special consideration to sound isolation and acoustics**
- **Provide closet for chair and riser storage**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: PERFORMING ARTS – INSTRUMENT STORAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Storage of school owned instruments. Emergency repair and wash facilities.

OCCUPANTS:

- **Staff** 1
- **Students** Varies

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent Choir/ Strings Room – Door within Choir Room.
Adjacent Band / Orchestra Room – Door within Band Room.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 6 ft. work counter/cabinet with sink/hot and cold water
Wenger Instrument Storage Cabinets, grille compartments with grille doors:
2 units – 27 ½" w x 29 ¼" d x 85 5/8" h (ea. stores 15 clarinets, flutes, piccolos, oboes)
5 units – 27 ½" w x 29 ¼" d x 85 5/8" h (ea. stores 10 trumpets and alto sax)
4 units – 27 ½" w x 39 ¼" d x 85 5/8" h (ea. stores 10 trombones, bassoons, bass clarinet)
2 units – 27 ½" w x 29 ¼" d x 85 5/8" h (ea. stores 3 french horns and alto horns)
3 units – 27 ½" w x 39 ¼" d x 85 5/8" h (ea. stores 3 baritones, euphoniums, mellophones)
6 units – 48 ½" w x 29 ¼" d x 85 5/8" h (ea. stores 3 baritone saxes, base clarinets)
- **By Owner** Instruments
- **Finishes** Floor: VCT
Base: vinyl
Walls: CMU painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: (2) 36" X 84"
- **Electric outlets** Double duplex at counter location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at counter,
- **Ceiling speakers** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: PERFORMING ARTS – UNIFORM STORAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Uniform Storage

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent Choir/ Strings Room
Adjacent Band / Orchestra Room

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 20 L.F. adjustable metal clothing racks
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass and lock
- **Electric outlets** (1) duplex outlet per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data / Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: PERFORMING ARTS – PRACTICE ROOMS

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Music / Band Small Breakout & Practice Spaces

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 100 sq ft
- **Location** Adjacent Choir/ Strings Room
Adjacent Band / Orchestra Room

FURNISHINGS AND EQUIPMENT:

- **In-Contract**
- **By Owner** 4 Chairs
4 Music Stands
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass and lock
- **Electric outlets** (1) duplex outlet per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data / Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Special consideration to sound isolation and acoustics**

FINE AND PERFORMING ARTS EDUCATION DEPARTMENT

SPACE NAME: PERFORMING ARTS – MUSIC LIBRARY

A. Storage of music supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent Choir/ Strings Room
Adjacent Band / Orchestra Room
- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** (1) duplex outlet per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data / Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

CROSS DISCIPLINARY INNOVATION DEPARTMENT

SPACE NAME: PROJECT BASED LEARNING LABS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching space for Innovation and Project Based Learning

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 1500 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (6 ft.)
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
Pencil Sharpener Block
- **By Owner** Desks (24)
Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall /
Projector ceiling outlet
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side of
room, wireless access point, interactive white board & projector
provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**

CROSS DISCIPLINARY INNOVATION DEPARTMENT

SPACE NAME: EDUCATION RESOURCE CENTER

USE OF SPACE - PURPOSE/ACTIVITIES:

- A.
- B.

OCCUPANTS:

- **Staff** 6-8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
48" x 48" whiteboard
- **By Owner**
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass
- **Electric outlets** Minimum (2) duplex per wall
- **Telecommunications** (1) data outlet / wireless access point
- **Ceiling speaker** Public Address System with Call Back
- **Clock (Atomic)**
- **Motion Detector** lighting control
- **Fire alarm mini-audio/visual signaling device**

SPECIAL CHARACTERISTICS:

- **N/A**

CROSS DISCIPLINARY INNOVATION DEPARTMENT

SPACE NAME: TECHNOLOGY BREAKOUT SPACE

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Small student workgroups open space.

OCCUPANTS:

- **Staff** 1
- **Students** Varies

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Along corridor in Cross Disciplinary Innovation Department

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 64" Interactive whiteboard (smart technology w/ projector)
- **By Owner**
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
- **Electric outlets** Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet, wireless access point, interactive white board & projector provisions / Apple TV
- **Ceiling speakers** Public Address System

SPECIAL CHARACTERISTICS:

- **N/A**

CROSS DISCIPLINARY INNOVATION DEPARTMENT

SPACE NAME: STORAGE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of academic supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to and access from Project Based Learning Lab

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

CROSS DISCIPLINARY INNOVATION DEPARTMENT

SPACE NAME: STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Staff use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft each
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'-0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 8'-0" A.F.F.
Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

PHYSICAL EDUCATION

SPACE NAME: COMPETITION GYMNASIUM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Large safe play area for various size groups of pupils and adults to move about freely in numerous activities. Instruction for the regular physical education program and the high school athletic program. Competition Court sized for regulation basketball (Minimum 94' long) with 15' clear at ends of main court.
- B. Host high school athletics

OCCUPANTS:

- **Staff** 4
- **Students** 1800

SIZE AND LOCATION:

- **Size** 20,000 sq ft
- **Location** Located with direct access to play fields and access to Gym Lobby for after school use. Public Toilet facilities to be opened and used by the community for recreational purposes when the rest of the school is closed.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** (6) basketball backstops, motorized folding type, glass backboards
Three pairs (6) combination standards
Bleachers Seating 1800
Wireless Controlled four sided center hung Scoreboard
Wall Pads as required
- **By Owner** Loose and movable P.E. equipment
- **Finishes** Floor: Fixed Floating Wood Floor with game lines
Base: metal
Walls: CMU - painted (epoxy)
Ceiling: Exposed acoustical metal deck painted (40' clear over competition court)
Door: 36" X 84" with 8" x 30" vision glass (Size for Egress)
- **Electric outlets** Minimum (24) duplex outlets
- **Clock (Atomic)** with wire guard
- **Telecommunications** (6) Data outlets / (4) wireless access points
Flush access in floor center for score board controls and sound system connection, Central Control Board lighting and backboards
- **Ceiling Speaker for Public Address System (8 min.) with Call Back; 8 speakers for Gym Sound System back to Broadcast Room**
- **Local P.A. system wall jacks**
- **Electronic Door Holders**

SPECIAL CHARACTERISTICS:

- **The mechanical system will be designed to provide heating/cooling during non-school periods.**

PHYSICAL EDUCATION

SPACE NAME: GYM LOBBY

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. The lobby acts as a common gathering point and should reflect the identity of George Mason High School.
- B. Specific Activities:
 - Waiting / Gathering Area
 - Access to Concessions

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 1000 sq ft
- **Location** Entrance to building from Exterior
Adjacent to Main Gymnasium
Can be co-located with other common areas

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Benches
School Name and Graphic
Recessed Trophy Display Cases - total 120' x 6' – lobby and corridor
- **By Owner** _____

- **Finishes** Floor: Epoxy Terrazzo
Base: Terrazzo
Walls: CMU - painted
Ceiling: Suspended acoustic tile 10'0" A.F.F.
Door: Storefront System
- **Electric outlets** Maintenance Outlets (4) / (2) TV Outlets
- **Intercom** Lobby entrance to Main Office
- **Buzzer/elec. release** Main Office
- **Key pad for security**
- **Ceiling Speakers** Public Address System
- **Telecommunications** (2) Data Outlets at Wall mounted TVs
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide electronic door release for Lobby Entrance Doors from Main Office.**

PHYSICAL EDUCATION

SPACE NAME: COMMUNITY GYMNASIUM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Large safe play area for various size groups of pupils and adults to move about freely in numerous activities. Instruction for the regular physical education program and the high school athletic program.
- B. 2 Regulation Basketball Courts

OCCUPANTS:

- **Staff** 2
- **Students** 800

SIZE AND LOCATION:

- **Size** 12000 sq ft
- **Location** In Physical Education Department – locate for community after hours use.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 8 basketball backstops, motorized folding type, adjustable height, glass backboards
6 combination standards
Bleacher Seating for 400
Suspended walking track with Athletic Flooring
Wireless Controlled Scoreboards
Ceiling suspended batting cage
Wall Pads as required
Multiple Curtain Dividers
- **By Owner** Loose and movable P.E. equipment
- **Finishes** Floor: Fluid Applied Athletic Flooring with game lines
Base: Rubber
Walls: CMU - painted (epoxy)
Ceiling: Exposed acoustical metal deck painted (26' clear)
Door: 36" X 84" with 8" x 30" vision glass (Size for Egress)
- **Electric outlets** Minimum (20) duplex outlets
- **Clock (Atomic)** with wire guard
- **Telecommunications** (2) Data outlets / (2) wireless access points, Central Control Panel for lighting, backstops, and curtains.
- **Ceiling Speaker** Public Address System (6 min.) with Call Back; 4 speakers in corners
- **P.A. system wall jacks and speakers, Sound System**
- **Electronic Door Holders**

SPECIAL CHARACTERISTICS:

- **The mechanical system will be designed to provide heating/cooling during non-school periods.**

PHYSICAL EDUCATION

SPACE NAME: WRESTLING ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Large safe play area for various size groups of pupils and adults to move about freely in numerous activities. Instruction for the regular physical education program and the high school athletic program.

OCCUPANTS:

- **Staff** 4
- **Students** 40

SIZE AND LOCATION:

- **Size** 3,000 sq ft
- **Location** In Physical Education Department

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Batting Cage
- **By Owner** Loose and movable P.E. equipment
Portable PA system
Wrestling Mats & Stands
Mat Storage System
- **Finishes** Floor: Rubber Tile
Base: Rubber
Walls: CMU - painted (epoxy)
Ceiling: Suspended Acoustical Tile 12'-0" AFF
Door: 36" X 84" with 8" x 30" vision glass (Size for Egress)
- **Electric outlets** Minimum (12) duplex outlets
- **Clock (Atomic)** with wire guard
- **Telecommunications** (2) Data outlets / wireless access point
- **Ceiling Speaker for Public Address System (6 min.) with Call Back; 4 speakers in corners**
- **Portable P.A. system wall jacks and speakers**
- **Electronic Door Holders**

SPECIAL CHARACTERISTICS:

- N/A

PHYSICAL EDUCATION

SPACE NAME: FITNESS CENTER

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Fitness Center.

OCCUPANTS:

- **Staff** 2
- **Students** 50

SIZE AND LOCATION:

- **Size** 4,000 sq ft
- **Location** In Physical Education Department.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 96" x 48" whiteboard
96" x 48" tackboard
Mirrored Wall Surface
(8) Combination Lifting Platforms / Racks
(10) Cardio / Fitness Machines
(4) Pulley / Cable Systems
(10) Plate loaded machines
Weight Storage
- **By Owner** Loose and movable P.E. equipment
Portable PA system
- **Finishes** Floor: Rubber Tile
Base: Rubber
Walls: CMU - painted (epoxy)
Ceiling: Suspended Acoustical Tile 12'-0" AFF
Door: 36" X 84" with 8" x 30" vision glass (Size for Egress)
- **Electric outlets** Minimum (20) duplex outlets (Coordinate with Equipment)
- **Clock (Atomic)** with wire guard
- **Telecommunications** (2) Data outlets / wireless access point
- **Ceiling Speaker** Public Address System (6 min.) with Call Back; 4 speakers in corners
- **Portable P.A. system wall jacks and speakers**
- **Electronic Door Holders**

SPECIAL CHARACTERISTICS:

- **N/A**

PHYSICAL EDUCATION

SPACE NAME: CONCESSIONS

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities
 - Sale of Concessions during sporting events

OCCUPANTS:

- **Staff** 1
- **Students** 4

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent to Auditorium Lobby

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving 12" deep by 84" high
(2) Storage cabinet 48"w x 72"h x 24"d with lock
Display Counter with roll-down gate
Counter with Sink
Icemaker
Refrigerator
- **By Owner** Stools (4)
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Double duplex at counter location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet
- **Ceiling speakers** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

PHYSICAL EDUCATION

SPACE NAME: TICKET BOOTH

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Selling tickets for Events

OCCUPANTS:

- **Staff** 1
- **Students** 2-3

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to Entry doors in Gym Lobby with space for cuing

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Countertop
Glass window with talk-through (2) or roll-down grille
- **By Owner** Chairs (2)
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted/acoustical panels
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at counter location / Minimum (1) duplex outlets per wall
- **Telecommunications** Data / Phone outlet
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

PHYSICAL EDUCATION

SPACE NAME: BROADCAST A/V ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Broadcast of Sporting Events in Gymnasium.

OCCUPANTS:

- Staff 1
- Students

SIZE AND LOCATION:

- Size 300 sq ft
- Location In Gymnasium Complex

FURNISHINGS AND EQUIPMENT:

- In-Contract Broadcast Equipment
- By Owner
- Finishes
 - Floor: VCT
 - Base: Vinyl
 - Walls: CMU - painted/acoustical panels
 - Ceiling: Suspended acoustic tile 12'-6" A.F.F.
 - Door: (2) 36" X 80" with 8" x 30" vision glass
- Electric outlets Double duplex at desk location / Minimum (2) duplex outlets per wall / Broadcast Equipment
-
- Telecommunications Data / Phone outlet
- Clock (Atomic)
- Ceiling speakers Public Address System
- Motion Detector lighting control

SPECIAL CHARACTERISTICS:

- Special consideration to sound isolation and acoustics

PHYSICAL EDUCATION

SPACE NAME: INDOOR STORAGE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of loose P.E. equipment and apparatus.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location** Adjacent to gymnasium.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 40 L.F. adjustable metal shelving units (24" deep by 84" high) with shelf lip.
- **By Owner** Loose and movable P.E. equipment
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 10'-0" A.F.F.
Door: (2) 36" X 84" (no center mullion)
- **Electric outlets** (1) duplex outlet per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data / Phone outlet
- **Motion sensors** light control

SPECIAL CHARACTERISTICS:

- N/A

PHYSICAL EDUCATION

SPACE NAME: BOYS LOCKER ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. A combination of large and small lockers arranged to minimize circulation conflicts.
- B. Specific Activities:
 - Storing clothes and changing for PE
 - Team Locker Room
 - Separate Area for Toilets
 - Separate Area for Showers

OCCUPANTS:

- **Staff** N/A
- **Students** Varies

SIZE AND LOCATION:

- **Size** 6,000 sq ft aggregate
- **Location** Adjacent to and accessible from Gym and Public Hallways

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 900 12"W x 15"D x 24"H student wardrobe lockers
100 Team Lockers suitable for football equipment
Benches
- **By Owner** N/A
- **Finishes** Floor: Ceramic Tile
Base: Ceramic Tile
Walls: Ceramic Tile wainscot 7'-0" - CMU painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
- **Electric outlets** ample quantity general purpose for cleaning equipment
- **Telecommunications** wireless access point
- **Ceiling speakers** Public Address System

SPECIAL CHARACTERISTICS:

- **Locker area and circulation areas should be designed for maximum ease of supervision by faculty and staff. Provide good visual control.**
- **ADA Accessible**

PHYSICAL EDUCATION

SPACE NAME: GIRLS LOCKER ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. A combination of large and small lockers arranged to minimize circulation conflicts.
- B. Specific Activities:
 - Storing clothes and changing for PE
 - Team Locker Room
 - Separate Area for Toilets
 - Separate Area for Showers

OCCUPANTS:

- **Staff** N/A
- **Students** Varies

SIZE AND LOCATION:

- **Size** 6,000 sq ft aggregate
- **Location** Adjacent to and accessible from Gym and Public Hallways

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 900 12"W x 15"D x 24"H student wardrobe lockers
100 Team Lockers sized for lacrosse sticks
Benches
- **By Owner** N/A
- **Finishes** Floor: Ceramic Tile
Base: Ceramic Tile
Walls: Ceramic Tile wainscot 7'-0" - CMU painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
- **Electric outlets** ample quantity general purpose for cleaning equipment
- **Telecommunications** wireless access point
- **Ceiling speakers** Public Address System

SPECIAL CHARACTERISTICS:

- **Locker area and circulation areas should be designed for maximum ease of supervision by faculty and staff. Provide good visual control.**
- **ADA Accessible**

PHYSICAL EDUCATION

SPACE NAME: PUBLIC TOILETS

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Public use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** N/A
- **Students** 12

SIZE AND LOCATION:

- **Size** 700 sq ft
- **Location** Located by gymnasium lobby

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
Toilet partitions
- **By Owner** Soap Dispensers
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

PHYSICAL EDUCATION

SPACE NAME: OUTDOOR STORAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Storage of outdoor physical education equipment

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 250 sq ft
- **Location** Adjacent to gymnasium entry and playing fields.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 20 L.F. adjustable metal shelving units (24" deep by 84" high)
- **By Owner** Physical Education Equipment
- **Finishes** Floor: concrete
Base: none
Walls: CMU painted - epoxy
Ceiling: exposed structure 10'-0" clear.
Door: (2) 36" X 84" metal with no center mullion.
- **Electric outlets** for general use
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- N/A

PHYSICAL EDUCATION

SPACE NAME: GYM A.D. OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Open office space for the Athletic Department.
- B. Specific Activities:
 -

OCCUPANTS:

- **Staff** 4
- **Students** N/A

SIZE AND LOCATION:

- **Size** 500 sq ft
- **Location** Adjacent to the Gymnasium. Must have visual control of Gymnasium and Gym Lobby entrance. Door to Lobby and Gymnasium

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
48" x 48" whiteboard
6 L.F. base and wall cabinet with sink and under counter refrigerator
(4) Cubical Workstations
- **By Owner** (4) Chairs
Tables
File cabinets
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Doors: 36" X 84" with 24" x 36" vision glass
- **Electric outlets** Double duplex at desk locations / Minimum (2) duplex per wall
- **Telecommunications** Data and Phone Outlet at each workstation / wireless access point
- **Clock (Atomic)**
- **Ceiling Speakers** Public Address System

SPECIAL CHARACTERISTICS:

- N/A

PHYSICAL EDUCATION

SPACE NAME: CONFERENCE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Conference room for Physical Education Department.

OCCUPANTS:

- **Staff** 30
- **Students** N/A

SIZE AND LOCATION:

- **Size** 900 sq ft
- **Location** Adjacent to Gym A.D. Office

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
120" x 48" white marker board
64" Interactive whiteboard (smart technology w/ projector)
- **By Owner** Table
Chairs
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8"x30" vision glass
- **Electric outlets** Minimum (2) duplex per wall / Projector ceiling outlet
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet / interactive whiteboard & projector provisions / Apple TV
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

PHYSICAL EDUCATION

SPACE NAME: FACULTY OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Planning with individuals, and community groups
 - Conferring with teachers, students, and parents

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract**
- **By Owner** Desk (1)
Chair (1)
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **One Office must be located adjacent the Competition Gym for game officials and contain a shower.**

PHYSICAL EDUCATION

SPACE NAME: COACH'S OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Change clothes and showering.
 - Class preparation and lesson planning.
 - Administer minor first aid.
 - Conferring with teachers, students, and parents

OCCUPANTS:

- **Staff** 5
- **Students** N/A

SIZE AND LOCATION:

- **Size** 1500 sq ft
- **Location** Visual Control over Gymnasium

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" whiteboard
48" x 48" tackboard (2)
6 ft Counter with sink, base and wall cabinets
Toilet and Shower accessories
Desks around perimeter of Room
- **By Owner** Chair (5)
Desks (5)
Filing Cabinets (1)
- **Finishes** Floor: VCT (ceramic in toilet/shower)
Base: Vinyl (ceramic in toilet/shower)
Walls: CMU - painted (epoxy in toilet and ceramic in shower)
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
Vision windows (3' x 3' w/ blinds) into main gym (lexan)
- **Electric outlets** Double duplex at desk locations / Minimum (2) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk / wireless access point
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide toilet and shower for office space**

PHYSICAL EDUCATION

SPACE NAME: HEALTH CLASSROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching space for Health.

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location** In Physical Education Department

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (6 ft.)
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (24)
Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
/ Projector ceiling outlet
-
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side
of room, wireless access point, interactive white board & projector
provisions / Apple TV
-
- **Clock (Atomic)**
-
- **Ceiling speakers** Public Address System with Call Back
-
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 120" x 60" per classroom**
Window Blinds

SPACE NAME: LAUNDRY ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Cleaning Uniforms and towels

OCCUPANTS:

- **Staff** 2
- **Students** N/A

SIZE AND LOCATION:

- **Size** 500 sq ft
- **Location** Adjacent to Training Room

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
6'-0" Counter for folding
Utility Sinks (2)
Commercial Washing Machine (2)
Commercial Dryer (2)
- **By Owner**
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84
- **Electric outlets** Minimum (1) duplex outlet per wall
Power for Washers and Dryers
- **Telecommunications** (1) Data / Phone
- **Ceiling speakers** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

PHYSICAL EDUCATION

SPACE NAME: TRAINING ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A.

OCCUPANTS:

- **Staff** 1
- **Students** 5

SIZE AND LOCATION:

- **Size** 1500 sq ft
- **Location** Must have access to outside in proximity of playing fields. On grade with floors of both Gyms

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" whiteboard
48" x 48" tackboard (2)
(3) Full Depth whirlpool tubs
(4) Training & Treatment Tables
Large Ice Maker / Cooler Filing Station
- **By Owner**
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (2) duplex outlet per wall / Electric for Training Equipment
- **Telecommunications** (1) Data / Phone
- **Ceiling speakers** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide plumbing and floor drains to accommodate whirlpool tubs**

PHYSICAL EDUCATION

SPACE NAME: STORAGE / PE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of loose P.E. equipment and apparatus.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location** Adjacent to gymnasium.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 40 L.F. adjustable metal shelving units (24" deep by 84" high) with shelf lip.
- **By Owner** Loose and movable P.E. equipment
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 10'-0" A.F.F.
Door: (2) 36" X 84" (no center mullion)
- **Electric outlets** (1) duplex outlet per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data / Phone outlet
- **Motion sensors** light control

SPECIAL CHARACTERISTICS:

- N/A

PHYSICAL EDUCATION

SPACE NAME: STORAGE / ATHLETICS

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of Athletic equipment and apparatus.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 4,500 sq ft
- **Location** In Physical Education Department

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 40 L.F. adjustable metal shelving units (24" deep by 84" high) with shelf lip.
High Density Storage Units
- **By Owner** Loose and movable P.E. equipment
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 10'-0" A.F.F.
Door: (2) 36" X 84" (no center mullion)
- **Electric outlets** (1) duplex outlet per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data / Phone outlet
- **Motion sensors** light control

SPECIAL CHARACTERISTICS:

- N/A

SPECIAL EDUCATION

SPACE NAME: SPECIAL NEEDS CONTENT AREA

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Special education programs and Instructional Support.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 24

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract**
 - 72" x 48" total length whiteboard
 - 72" x 48" total length tackboard
 - 64" Interactive whiteboard (smart technology w/ projector)
 - Flag holder on wall
 - Base and wall storage cabinets (6 ft.)
 - Teacher wardrobe 48"w x 72"h x 24"d with lock
 - 36" x 120" bookcase under tackboard
- **By Owner**
 - Desks (24)
 - Chairs (24)
 - (1) Teacher desk, chair, computer workstation
- **Finishes**
 - Floor: VCT
 - Base: Vinyl
 - Walls: CMU - painted
 - Ceiling: Suspended acoustic tile 9'-6" A.F.F.
 - Door: (2) 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**

SPECIAL EDUCATION

SPACE NAME: SMALL RESOURCE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Student support.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 1-4

SIZE AND LOCATION:

- **Size** 500 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 72" x 48" total length whiteboard
72" x 48" total length tackboard
64" Interactive whiteboard (smart technology w/ projector)
Flag holder on wall
Teacher wardrobe 48"w x 72"h x 24"d with lock
- **By Owner** Desks (1-4)
Chairs (1-4)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 120" x 60" per classroom**

SPECIAL EDUCATION

SPACE NAME: SENSORY ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Student support.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 1-4

SIZE AND LOCATION:

- **Size** 500 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 72" x 48" total length whiteboard
72" x 48" total length tackboard
64" Interactive whiteboard (smart technology w/ projector)
Flag holder on wall
Teacher wardrobe 48"w x 72"h x 24"d with lock
- **By Owner** Desks (1-4)
Chairs (1-4)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 120" x 60" per classroom**

SPECIAL EDUCATION

NAME: LIFE SKILLS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Special education programs and Instructional Support.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 10-12

SIZE AND LOCATION:

- **Size** 1500 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 192" x 48" whiteboard total length
192" x 48" tackboard total length
64" Interactive whiteboard (smart technology w/ projector)
Flag holder on wall
Kitchen counter with refrigerator, sink, dishwasher, electric range-top, wall & base cabinets
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase
Provide operable acoustic partition (min. STC 52) in between Academic and Life Skills rooms.
- **By Owner** Desks (10-12)
Chairs (10-12)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: (2) 36" X 84" with 8" x 30" vision glass / each side of classroom
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
(4) kitchen outlets (GFI), Appliance Outlets as required
- **Telecommunications** Data / Phone outlet at teachers desk, wireless access point, interactive white board & projector provisions / Apple TV
-
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**

SPECIAL EDUCATION

SPACE NAME: OCUPATIONAL THERAPY (OT) / PHYSICAL THERAPY (PT) LAB

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Student support.

OCCUPANTS:

- **Staff** 1
- **Students** 1-6

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 72" x 48" whiteboard
72" x 48" whiteboard
Teacher wardrobe 48"w x 72"h x 24"d with lock
- **By Owner** Desks (1-6)
Chairs (1-6)
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at teachers desk
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**
- **Provide special ceiling support structure for physical therapy equipment.**

SPECIAL EDUCATION

SPACE NAME: TRANSITION CENTER

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Transition House – Mock “apartment” living space and small work environment space
- B. Teach home and workplace life skills

OCCUPANTS:

- **Staff** 1
- **Students** Varies 1-4

SIZE AND LOCATION:

- **Size** 1200 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** Bedroom, toilet, living and kitchen spaces
Small work environment space
Residential Kitchen Appliances
- **By Owner** Furniture (Residential)
- **Finishes** Floor: Carpet / VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Minimum (2) duplex outlets per wall / countertop outlets
- **Telecommunications** Data / Phone outlet
- **Ceiling speakers** Public Address System with Call Back

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom**

SPECIAL EDUCATION

SPACE NAME: STORAGE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of Special Education supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

SPECIAL EDUCATION

SPACE NAME: CONFERENCE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Conference room for Special Education.

OCCUPANTS:

- **Staff** 8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 250 sq ft
- **Location** Adjacent to principal's office with connecting door.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 4' x 8' tackboard
4' x 4' white marker board
64" Interactive whiteboard (smart technology w/ projector)
- **By Owner** Table
Chairs
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8"x30" vision glass
- **Electric outlets** Minimum (1) duplex per wall / Projector ceiling outlet
- **Clock (Atomic)**
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet / Interactive White Board / Projector provisions / Apple TV
- **Motion Detector** lighting control
- **Fire alarm mini-audio/visual signaling device**

SPECIAL CHARACTERISTICS:

- N/A

SPECIAL EDUCATION

SPACE NAME: TESTING ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Student support.

OCCUPANTS:

- **Staff** 1
- **Students** Varies 1-2

SIZE AND LOCATION:

- **Size** 100 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 48" x 48" total length whiteboard
48" x 48" total length tackboard
- **By Owner** Desks (1-2)
Chairs (1-2)
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Minimum (1) duplex outlet per wall
- **Telecommunications** Data / Phone outlet
- **Ceiling speakers** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

SPECIAL EDUCATION

SPACE NAME: STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Staff use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft each
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5—0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 8'-0" A.F.F.
Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

TECHNOLOGY SUPPORT SERVICES

SPACE NAME: IT ADMIN OFFICE / COMMAND CENTER

USE OF SPACE - PURPOSE/ACTIVITIES:

A. IT Storage and Repair.

OCCUPANTS:

- **Staff** 6
- **Students** N/A

SIZE AND LOCATION:

- **Size** 1000 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" tackboard
192" x 48" whiteboard
- **By Owner** Stools (2)
Desk (4)
Chair (4)
Filing Cabinet (1)
Shelving
Workbench (2)
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** (6) Double duplex at desk locations and workbenches / Minimum (2) duplex outlets per wall
- **Telecommunications** (6) Data / Phone outlets at desks and workbenches, wireless access point,
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

TECHNOLOGY SUPPORT SERVICES

SPACE NAME: DIGITAL TECHNOLOGY STORAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of technology and related supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent to IT Admin Office

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (24" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

TECHNOLOGY SUPPORT SERVICES

SPACE NAME: SERVER ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Central space for network servers and Cox Data & VOIP head end.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent to IT Admin Office

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Main distribution equipment for security, telephone, and computer networking
- **By Owner**
- **Finishes** Floor: VCT
Base: Vinyl
Walls: Fire Rated Plywood - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum double duplex at each wall. Provide Emergency power and UPS for racks and equipment
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Lock on Door** Keycard access
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **No windows**
- **Dedicated HVAC to maintain temperature control 24 hours/day**

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: GUIDANCE RECEPTION

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. The Guidance suite is the coordinating unit for all activities in the Guidance Department and between the Career Center and the community. Parents must be made to feel that the school is an integral part of the community providing facilities for their use, and instructional program which is responsive to and open to their voluntary participation.

- B. Specific Activities:
 - General waiting area
 - Student waiting area

OCCUPANTS:

- **Staff** N/A
- **Students** 1 - 4

SIZE AND LOCATION:

- **Size** 100 sq ft
- **Location** Adjacent to the Guidance Secretary

FURNISHINGS AND EQUIPMENT:

- **In-Contract**
- **By Owner** Sofa
(2) Chairs

- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass

- **Electric outlets** Minimum (1) duplex per wall

- **Motion Detector** light Control

SPECIAL CHARACTERISTICS:

- N/A

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: REGISTRAR / SECRETARY

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Registering Students for Classes.
- B. Specific Activities:
 - Receptionist who would handle all incoming traffic
 - Secretary space
 - Registrar

OCCUPANTS:

- **Staff** 1
- **Students** 1 - 2

SIZE AND LOCATION:

- **Size** 75 sq ft
- **Location** Adjacent to the Counselors and Guidance Reception

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
48" x 48" whiteboard
- **By Owner** (1) Desk
(2) desk chairs
File cabinets
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision
- **Electric outlets** Double duplex at desk locations / Minimum (1) duplex per wall
- **Telecommunications** Phone/Data at desk location / Wireless Access Point
- **Motion Detector** light control

SPECIAL CHARACTERISTICS:

- N/A

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: COLLEGE / CAREER CENTER

- A. Library of College Materials
- B. Discussion of College options with students.

OCCUPANTS:

- **Staff** 1
- **Students** 1-4

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent to Guidance Reception.

- **In-Contract** 18 L.F. book cases

- **By Owner** Round Table (2)
Chairs (8)

- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass

- **Electric outlets** (1) duplex outlet per wall

- **Ceiling speaker** Public Address System

- **Telecommunications** Data / Phone outlet

- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: MAIN COUNSELOR'S OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Conferring with teachers, students, and parents

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 175 sq ft
- **Location** Adjacent to Guidance Reception area. Provide closet with lock

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Closet with lock
- **By Owner** Desk
Chair
2 side chairs
Credenza
File Cabinet
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum wallboard painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Window to exterior**

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: COUNSELOR'S OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Conferring with teachers, students, and parents

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to Guidance Reception area. Provide closet with lock

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Closet with lock
- **By Owner** Desk
Chair
2 side chairs
Credenza
File Cabinet
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum wallboard painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Window to exterior**

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: IB COORDINATOR / GIFTED

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Conferring with teachers, students, and parents

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to Guidance Reception area. Provide closet with lock

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Closet with lock
- **By Owner** Desk
Chair
2 side chairs
Credenza
File Cabinet
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum wallboard painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Window to exterior**

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: TESTING / DATA COORDINATOR

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Conferring with teachers, students, and parents

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to Guidance Reception area. Provide closet with lock

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Closet with lock
- **By Owner** Desk
Chair
2 side chairs
Credenza
File Cabinet
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum wallboard painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Window to exterior**

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: STUDENT SUPPORT

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Conferring with teachers, students, and parents

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to Guidance Reception area. Provide closet with lock

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Closet with lock
- **By Owner** Desk
Chair
2 side chairs
Credenza
File Cabinet
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum wallboard painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Window to exterior**

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: ITINERANTS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Specific Activities:

-

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 50 sq ft
- **Location** Adjacent to Guidance Reception area.

FURNISHINGS AND EQUIPMENT:

- **In-Contract**
- **By Owner**

- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum wallboard painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass

- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall

- **Telecommunications** Data/Phone outlet at Desk

- **Ceiling speaker** Public Address System
-
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: SMALL GROUP / CONFERENCE

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Conference room for librarian.

OCCUPANTS:

- **Staff** 6
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent to Main Councilor's office with connecting door, In Guidance Suite

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
48" x 48" white marker board
64" Interactive whiteboard (smart technology w/ projector)
- **By Owner** Table
Chairs
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8"x30" vision glass
- **Electric outlets** Minimum (1) duplex per wall / Projector ceiling outlet
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet / Interactive White Board / Projector provisions / Apple TV
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: WORKROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Individual teachers work area and storage of professional materials.
- B. Specific Activities:
 - Teacher and staff preparation of materials
 - Space for teacher and staff files
 - Space for teacher and staff supplies and storage.

OCCUPANTS:

- **Staff** 6-8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Central to Guidance.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 6 ft. work counter/cabinet with sink/hot and cold water
48" x 48" tackboard
48" x 48" whiteboard
- **By Owner** Copier Equipment
Bookcases
File Cabinets
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU or Gypsum Wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass
- **Electric outlets** Minimum (2) duplex per wall, (2) duplex outlets above counter, and (1) 208V outlet for copying equipment
- **Telecommunications** (1) data outlet for copying equipment
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: RECORDS STORAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of academic supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent to

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** File Cabinets
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU or Gypsum Wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: SPECIAL EDUCATION / PARENT LIASON

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Conferring with teachers, students, and parents

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to Guidance Reception area. Provide closet with lock

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Closet with lock
- **By Owner** Desk
Chair
2 side chairs
Credenza
File Cabinet
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

SPACE NAME: STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Staff use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft each
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'-0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 8'-0" A.F.F.
Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

HEALTH SERVICES

SPACE NAME: CLINIC WAITING / RECEPTION

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Center for care of students becoming ill during school hours
 - First Aide Station

OCCUPANTS:

- **Staff** 1
- **Students** Varies

SIZE AND LOCATION:

- **Size** 50 sq ft
- **Location** Direct access from corridor and co-located with administration.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 72" tackboard
- **By Owner** Table
2 Side Chairs
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Minimum (1) duplex per wall
-
- **Telecommunications** Data / Phone outlet
-
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- N/A

HEALTH SERVICES

SPACE NAME: NURSE'S OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Office for Health Nurse
- B. Specific Activities:
 - Conferring with Ill Students

OCCUPANTS:

- **Staff** 1
- **Students** 1

SIZE AND LOCATION:

- **Size** 100 sq ft
- **Location** Adjacent to main administrative area. Direct connection to clinic waiting room.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
Built in Casework workstation
- **By Owner** Desk
Chair
Side Chairs (2)
File Cabinet
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data / Phone outlet at desk
- **Ceiling speaker** Public Address System with Call Back

SPECIAL CHARACTERISTICS:

- N/A

SPACE NAME: EXAM ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Private space to exam ill students during the school day

OCCUPANTS:

- **Staff** 1
- **Students** 1

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to Clinic Waiting Room. Provide closet with shelves and lock

FURNISHINGS AND EQUIPMENT:

- **In-Contract** H/C lavatory and faucet
Rough-in for refrigerator with ice maker
6 L.F. base and wall cabinet with locks
Ceiling mounted curtain track and curtain

- **By Owner** Table
2 Side Chairs
Refrigerator with ice maker
Clinic Bed

- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"

- **Electric outlets** Minimum (2) duplex per wall / Refrigerator Circuit on Emergency Power

- **Telecommunications** Data / Phone outlet

- **Ceiling speaker** Public Address System with Call Back

SPECIAL CHARACTERISTICS:

- **N/A**

HEALTH SERVICES

SPACE NAME: RESTING AREA

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- A separate space for cots where ill students can rest or wait for parent pick-up

OCCUPANTS:

- **Staff** 1
- **Students** 2

SIZE AND LOCATION:

- **Size** 100 sq ft
- **Location** Adjacent Exam Room.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Ceiling mounted curtain track and curtain to provide 2 separate rest areas
- **By Owner** Clinic Table
2 Side Chairs
Recovery Cots (2)
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** none near cots
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- N/A.

HEALTH SERVICES

SPACE NAME: HEALTH CLINIC TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Student use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** N/A
- **Students** 1

SIZE AND LOCATION:

- **Size** 75 sq ft
- **Location** Adjacent to exam room.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'-0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 8'-0" A.F.F.
Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** Lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

FOOD SERVICE

SPACE NAME: DINING / COMMONS

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. The cafeteria shall house the entire school population in three sittings for lunch
- B. The dining area should serve group activities of various sizes.
- C. Easy community access should be a consideration to accommodate meetings and dinners.

OCCUPANTS:

- **Staff** 15
- **Students** 550 per lunch shift (tables and chairs); 800 for assemblies (chairs only)

SIZE AND LOCATION:

- **Size** 7000 sq ft
- **Location** Locate accessible to an outside blacktop area and to rest rooms. Adjacent to parking.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 72" tackboards (6)
10' x 8' motorized movie screen (ceiling mounted remote control)
Ceiling Projector
- **By Owner** Tables
Chairs (800)
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted – epoxy / Sound Panels
Ceiling: Suspended acoustic tile 12'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass from corridors,
electronic door holders
- **Electric Outlets** Minimum (32) duplex outlets
- **Clock (Atomic)**
- **Telecommunications** (4) Data Outlets / (4) wireless access points
- **Ceiling speakers for building Public Address systems with Call Back (10 min.)**
- **Ceiling speakers for portable P.A. system (10 min.)**
- **Portable P.A. system wall jacks**
- **Electronic Door Holders**

SPECIAL CHARACTERISTICS:

- **Windows to exterior**

FOOD SERVICE

SPACE NAME: KITCHEN

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities
- Preparation of food

OCCUPANTS:

- **Staff** 15
- **Students** N/A

SIZE AND LOCATION:

- **Size** 1500 sq ft
- **Location** Adjacent to serving area.

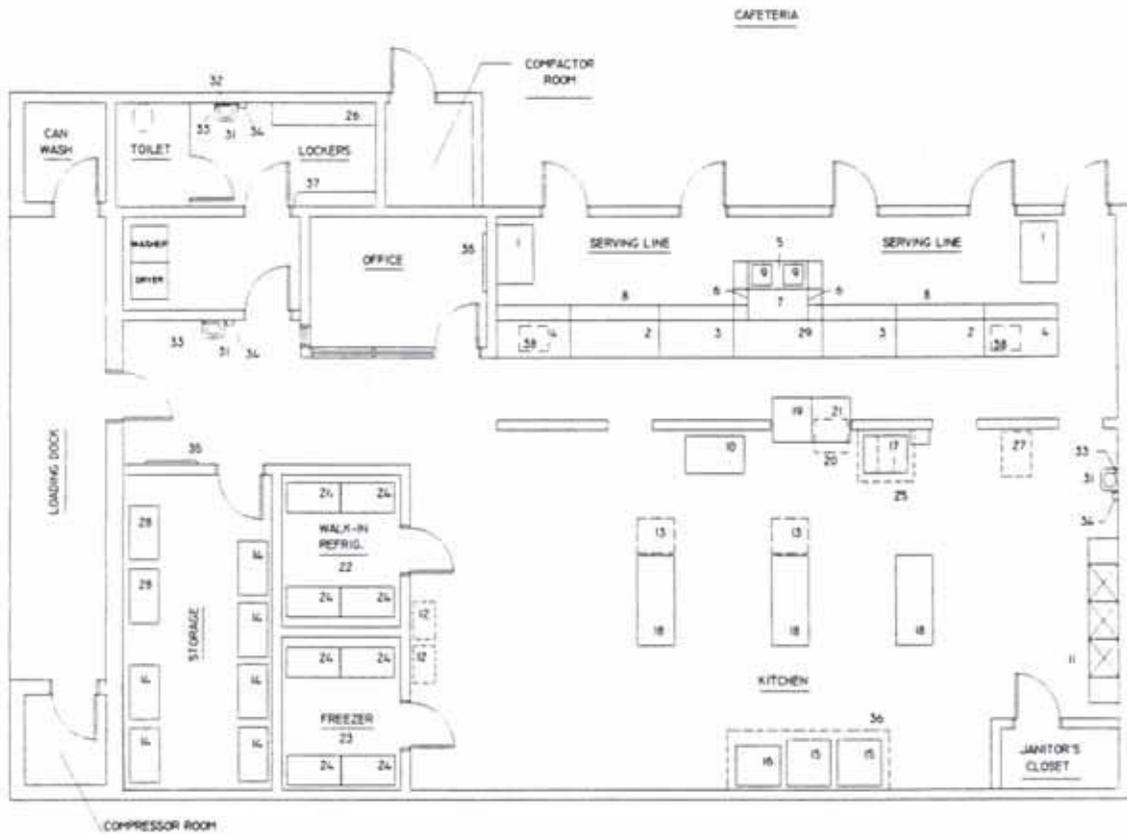
FURNISHINGS AND EQUIPMENT:

- **In-Contract** Food preparation equipment (see typical kitchen layout)
48" x 48" tackboard
- **By Owner** Miscellaneous cooking utensils
- **Finishes** Floor: quarry tile w/ epoxy grout
Base: quarry tile
Walls: ceramic tile
Ceiling: suspended acoustic tile 10'-0" A.F.F.
Door: 42" X 84" with 24" x 36" vision glass at exterior with 42" X 80" screen door, all other doors 36" x 84"
- **Electric Outlets** outlets and specialized electric for equipment / ceiling reals for island worktables
- **Telecommunications** Data / Phone outlet
- **Ceiling speakers** Public Address System

SPECIAL CHARACTERISTICS:

- **Provide exhaust hood with fire suppression (as required by code)**
- **Loading platform for two vehicles and two trash dumpsters (1 regular, 1 recycle) conveniently located for deliveries and to dry food storage, but not in front of building or near entrances that may be used by public. Dock height 42". Deliveries of supplies and equipment other than food service shall have a separate access to school and not pass through the kitchen.**

FOOD SERVICE



SAMPLE KITCHEN LAYOUT
(See Specific Items included below)

KITCHEN

GENERAL REQUIREMENTS

- ADJACENT STORAGE ROOM, LOCKER ROOM WITH TOILET
- (4) PAPER TOWEL DISPENSERS
- (4) SOAP DISPENSERS
- (2) FIRE EXTINGUISHER

EQUIPMENT LIST (Modify to create serving area for faster service with multiple stations) :

1. (2) MILK COOLER
2. (2) PORTABLE HOT FOOD TABLE
3. (2) FROST TOP TABLE
4. (2) PORTABLE SOLID TOP TABLE
5. (2) PORTABLE CASHIER'S TABLE
6. FALSE FRONT PANEL WITH TRAY SLIDE
8. TRAY SLIDE
9. (2) COMPUTERIZED POINT OF SALE
11. (1) POT SINK WITH BOOSTER HEATER
12. (2) UTILITY CARRIER TRUCK
13. (2) PAN RACK

FOOD SERVICE

14. (8) SHELVING FOR DRY STORAGE
15. (3) DOUBLE DECK CONVECTION OVEN, GAS
16. (2) TILT SKILLET
18. (3) WORK TABLE
19. (2) REFRIGERATOR, PASS-THROUGH
20. (2) STORAGE RACK FOR ROLL-THROUGH
21. (2) ROLL-TROUGH HOT CABINET
22. WALK-IN REFRIGERATOR
23. WALK-IN FREEZER
24. (32) SHELVING FOR WALK-IN FREEZER/REFRIGERATOR
27. (2) HOT MOBILE FOOD TRANSPORT CART
29. (4) PORTABLE SOLID TOP TABLE
30. EUTECTIC LIDS (LOOSE EQUIPMENT, NOT SHOWN)
31. HANDWASHING SINK
32. WALL MOUNTED MIRROR
33. SOAP DISPENSER
34. PAPER TOWEL DISPENSER
35. TACKBOARD 4'-0"L X 4'-0"H
36. MECHANICAL EXHAUST HOOD WITH FIRE PREVENTION SYSTEM
40. RESIDENTIAL WASHER AND DRYER
41. TRAY WASHER
42. DISHWASHER

SPACE NAME: KITCHEN OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Private office.
 - Visual control of food preparation and exterior entry

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 50 sq ft
- **Location** Adjacent to kitchen area

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
- **By Owner** Desk
Chair
Bookcase
File Cabinet
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
Vision windows (3' x 3' w/ blinds) into kitchen
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex outlet per wall
- **Telecommunications** Data / Phone outlets at desks
- **Ceiling speakers** Public Address System with Call Back

SPECIAL CHARACTERISTICS:

- **Visual control of food preparation area and delivery doors.**

SPACE NAME: WALK-IN REFRIGERATOR

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Walk-in refrigerator storage box with remote compressor

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 500 sq ft
- **Location** Directly adjacent to kitchen area.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Walk-in freezer box with mobile wire shelves
- **By Owner** N/A
- **Finishes** N/A

SPECIAL CHARACTERISTICS:

- **Remote compressor**

FOOD SERVICE

SPACE NAME: WALK-IN FREEZER

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Walk-in freezer storage box with remote compressor

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 500 sq ft
- **Location** Directly adjacent to kitchen area.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Walk-in freezer box with mobile wire shelves
- **By Owner** N/A
- **Finishes** N/A

SPECIAL CHARACTERISTICS:

- **Remote compressor**
- **Provide insulated depressed floor**

FOOD SERVICE

SPACE NAME: DRY STORAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Storage of food supplies and disposable serving utensils

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 600 sq ft
- **Location** Adjacent to kitchen with easy access to delivery area and loading dock.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Metal wire shelving (mobile)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 10'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** (1) duplex outlet per wall
- **Ceiling speaker** Public Address System
- **Lock on Door** Card Reader access

SPECIAL CHARACTERISTICS:

- N/A

SPACE NAME: FACULTY DINING / LOUNGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Staff eating lunch.
 - Meetings
 - Comfort.

OCCUPANTS:

- **Staff** 15-20
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** N/A.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 4' x 8' tackboard
Rough-in for refrigerator with ice maker
12 L.F. base cabinet with sink and wall cabinets above
- **By Owner** 4 Lounge chairs
4 Round tables
16 Side chairs
Refrigerator with ice maker
- **Finishes** Floor: VCT
Base: Vinyl
Walls: Gypsum wallboard painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** (2) Vending machines / Minimum (2) outlet per wall.
- **Telecommunications** Data Outlets / Phone Outlet, wireless access point
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- N/A

FOOD SERVICE

SPACE NAME: SENIOR COURTYARD / OUTDOOR SPACE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Seniors eating lunch.
 - Comfort.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 0 sq ft
- **Location** Adjacent to Dining / Commons

FURNISHINGS AND EQUIPMENT:

- **In-Contract**
- **By Owner** Round tables
Chairs
- **Finishes** Floor: Concrete Patio 1000 SF
Door: 36" X 84"
- **Speakers** Public Address System

SPECIAL CHARACTERISTICS:

- N/A

FOOD SERVICE

SPACE NAME: STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Staff use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft each
- **Location** By Faculty Dining

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'-0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 8'-0" A.F.F.
Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: SECURE VESTIBULE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. The secure vestibule is the main security checkpoint for entrance into the school. All visitors to the school should enter the vestibule and be directed into the Main Office.
- B. Specific Activities:
 - Security Checkpoint

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Main entrance to building.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Security Desk
- **By Owner** Chair
- **Finishes** Floor: Epoxy Terrazzo / Walk-off Mat
Base: Terrazzo
Walls: CMU – painted; Storefront
Ceiling: Suspended acoustic tile 10'0" A.F.F.
Door: Storefront System
- **Electric outlets** Maintenance Outlets (1) / Duplex Outlet at Security Desk
- **Security CCTV** Monitor at Security Desk for Entrance Doors
- **Intercom** Main visitor entrance – Master Station at Security Desk
- **Buzzer/elec. release** Main visitor entrance
- **Key pad for security**
- **Ceiling Speakers** Public Address System
- **Telecommunications** Data Outlet at Security Station

SPECIAL CHARACTERISTICS:

- **Provide security station in entrance vestibule with built-in Desk. Provide electronic door release for Main Entrance Doors. Egress Doors from Vestibule to Lobby should be lockable to provide emergency egress only.**
- **Provide impact resistant glazing in Vestibule – all sides.**

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: ENTRANCE LOBBY

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. All visitors to the school should enter the Lobby through the Main Office. The lobby acts as a common gathering point and should reflect the identity of George Mason High School.
- B. Specific Activities:
 - Waiting / Gathering Area

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location** Main entrance to building.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Bench
School Name and Graphic
- **By Owner** _____

- **Finishes** Floor: Epoxy Terrazzo
Base: Terrazzo
Walls: CMU - painted
Ceiling: Suspended acoustic tile 10'0" A.F.F.
Door: Storefront System
- **Electric outlets** Maintenance Outlets (4) / (2) TV Outlets
- **Ceiling Speakers** Public Address System
- **Telecommunications** (2) Data Outlets at Wall mounted TVs / wireless access point

SPECIAL CHARACTERISTICS:

- **Egress doors from Lobby to Vestibule should be lockable to provide egress only.**

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: RECEPTION / CLERICAL

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. The administrative suite is the coordinating unit for all activities in the school and between the school and the community. Parents and community groups must be made to feel that the school is an integral part of the community providing facilities for their use, and instructional program which is responsive to and open to their voluntary participation. Therefore, the administration suite must be easily accessible to students and visitors, presenting a friendly, informal, and pleasant atmosphere.
- B. Specific Activities:
- Receptionist who would handle all incoming traffic
 - General waiting area
 - Student waiting area
 - Secretary space

OCCUPANTS:

- **Staff** 3 Secretaries
- **Students** 1 - 10

SIZE AND LOCATION:

- **Size** 500 sq ft
- **Location** At main entrance to building. Must have visual control of main entrance, secure vestibule and lobby. All visitors must enter main office.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
48" x 48" whiteboard
6 L.F. base and wall cabinet with sink and under counter refrigerator for coffee bar. Place out of view
Built in Casework for Reception Desk and Workstations
- **By Owner** (3) desk chairs
Sofa
(2) Chairs
Tables
File cabinets
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass / Storefront System to Vestibule and Lobby
- **Electric outlets** Double duplex at desk locations / Minimum (2) duplex per wall
- **Security CCTV** monitors (at desk locations)
- **Intercom** Main visitor entrance / Auditorium Lobby Entrance / Gym Lobby Entrance / Receiving – Master Station
- **Buzzer/elec. release** Main Entrance / Main Office Entrance from Vestibule / Auditorium Lobby Entrance / Gym Lobby Entrance / Receiving
- **Clock (Atomic)**

ADMINISTRATION / SAFETY / BUILDING SERVICES

FURNISHINGS AND EQUIPMENT: (Main Office Reception - Continued)

- **Public Address System master station**
- **Fire alarm control panel**
- **Telecommunications** Data/Phone outlets at each secretarial workstation – wireless access point
- **Emergency generator annunciator panel**

SPECIAL CHARACTERISTICS:

- **Closet space** Place out of view
- **Provide storage for incoming supplies**

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: PRINCIPAL'S OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Planning with individuals, and community groups
 - Conferring with teachers, students, and parents
 - Interviewing applicants
 - Private with secondary access

OCCUPANTS:

- **Staff** 3-4
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Door to adjacent conference room. Provide closet with lock.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Closet with lock
- **By Owner** Desk
Chair
48" conference table
Coffee table
2 side chairs
Credenza
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum wallboard painted
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Clock (Atomic)**
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide closet with lock**
- **Window to exterior**

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: ASSISTANT PRINCIPAL/ DEAN OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Planning with individuals and community groups
 - Conferring with teachers, students, and parents

OCCUPANTS:

- **Staff** 3
- **Students** N/A

SIZE AND LOCATION:

- **Size** 120 sq ft
- **Location** Adjacent to reception area. Provide closet with lock

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Closet with lock
- **By Owner** Desk
Chair
2 side chairs
Credenza
File Cabinet
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum wallboard painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Window to exterior**
- **Closet with lock**

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: STAFF OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Staff offices

OCCUPANTS:

- Staff 3
- Students N/A

SIZE AND LOCATION:

- Size 120 sq ft
- Location Adjacent to reception area.

FURNISHINGS AND EQUIPMENT:

- In-Contract
- By Owner Desk
Chair
2 side chairs
File Cabinet
- Finishes Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum wallboard painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- Electric outlets Double duplex at desk location / Minimum (1) duplex per wall
- Telecommunications Data/Phone outlet at Desk
- Ceiling speaker Public Address System
- Motion Detector lighting control

SPECIAL CHARACTERISTICS:

- Window to exterior

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: WORKROOM / MAILROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Duplication of materials and general office production work
- B. Location for Staff Mailboxes

OCCUPANTS:

- **Staff** 6-8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent supply/storage room.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
20 L.F. of base and wall cabinets with sink
Storage Cabinet 48"W
Mailbox Casework (Adjacent to reception but out of view of visitors.)
- **By Owner** Table
Chairs
Photocopier
- **Finishes** Floor: VCT
Base: vinyl
Walls: CMU or Gypsum Wallboard - painted
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Minimum (1) duplex per wall, (2) duplex outlets above counter, and (2) 208V outlets for copying equipment
-
- **Telecommunications** (2) data outlets for copying equipment
-
- **Ceiling speaker** Public Address System
-
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: CONFERENCE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Conference room for principal.

OCCUPANTS:

- **Staff** 16
- **Students** N/A

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Adjacent to principal's office with connecting door.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
48" x 48" white marker board
64" Interactive whiteboard (smart technology w/ projector)
- **By Owner** Table
Chairs
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum Wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8"x30" vision glass
- **Electric outlets** Minimum (1) duplex per wall / Projector ceiling outlet
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet / Interactive White Board / Projector provisions / Apple TV
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: STORAGE / SUPPLIES

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of general office supplies.

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 100 sq ft
- **Location** Adjacent to duplication/production & office spaces.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU or Gypsum Wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

N/A

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: ATTENDANCE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Monitor Student Attendance
- B. Compile and maintain student attendance records
- C. Monitor Secure Vestibule access to lobby

OCCUPANTS:

- **Staff** 1
- **Students** 2

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to Secure Vestibule, Reception / Clerical.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
48" x 48" white marker board
- **By Owner** Desk
Desk Chair
Side Chairs (2)
File Cabinet
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum Wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double Duplex at desk location / Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet at Desk
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: BOOKKEEPER

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Space for finance office.

OCCUPANTS:

- **Staff** 2
- **Students** N/A

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to Reception / Clerical.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48"x 48" tackboard
48" x 48" white marker board
- **By Owner** Desk
Desk Chair
Side Chairs (2)
- File Cabinet
Bookcase
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: CMU or Gypsum Wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** double duplex at desk locations / Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: RECORDS STORAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of important documents and funds.

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent to Bookkeeper.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** File Cabinets
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU or Gypsum Wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Phone/Data Outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Small safe anchored to floor**

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: STUDENT SUPERVISED STUDY

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Student Support.

OCCUPANTS:

- **Staff** 1
- **Students** 1-4

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent to Attendance Office

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" total length tackboard
- 48" x 48" total length whiteboard
- **By Owner** Desks (4)
Chairs (4)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU or Gypsum Wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Phone/Data Outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **N/A**

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Staff use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft each
- **Location** By Reception / Clerical

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'-0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 8'-0" A.F.F.
Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: BUILDING SERVICES – CUSTODIAL / MAINTENANCE OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Maintenance Staff office

OCCUPANTS:

- **Staff** 1-2
- **Students** N/A

SIZE AND LOCATION:

- **Size** 120 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract**
- **By Owner** Desk
Chair
2 side chairs
File Cabinet
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: BUILDING SERVICES - RECEIVING / STORAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage
- B. Specific Activities:

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** 1200 sq ft
- **Location** Adjacent to Loading Dock

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 40 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Exposed Structure - painted
Door: 36" X 84" double doors w/ removable mullion
- **Electric outlets** (2) duplex outlet per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Data / Phone outlet

SPECIAL CHARACTERISTICS:

- N/A

ADMINISTRATION / SAFETY / BUILDING SERVICES

SPACE NAME: BUILDING SERVICES - LOCKERS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Lockers

OCCUPANTS:

- **Staff** n/a
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent to Maintenance Office

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 10 Metal Lockers (12" deep by 84" high)
Benches
- **By Owner**
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Minimum (1) duplex per wall
- **Ceiling speaker** Public Address System
- **Telecommunications** Phone/Data Outlet
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

TOILETS

SPACE NAME: TOILET – BOY’S GANG

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Student use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** N/A
- **Students** 1-6

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Distribute throughout Building

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
Toilet partitions
- **By Owner** Soap Dispensers
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'-0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- **ADA Accessible**
- **Minimum One per Floor**

TOILETS

SPACE NAME: TOILET – GIRL’S GANG (4)

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Student use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** N/A
- **Students** 1-6

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Distribute Throughout Building

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
Toilet partitions
- **By Owner** Soap Dispensers
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'-0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- **ADA Accessible**
- **Minimum One per Floor**

TOILETS

SPACE NAME: CUSTODIAL CLOSET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Cleaning Support
- B. Specific Activities:
 - Storage of custodial supplies
 - Mop basin

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 50 sq ft
- **Location** (1) Adjacent to gang toilets
(3) Adjacent to core classrooms (one per floor)

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Mop basin
Mop shelf and rack
Backflow Prevention for Chemical Dispenser
- **By Owner** N/A
- **Finishes** Floor: Sealed Concrete
Base: Vinyl
Walls: CMU painted epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric Outlet** GFI

SPECIAL CHARACTERISTICS:

- N/A

SUPPORT SPACES & CIRCULATION

SPACE NAME: MECHANICAL ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Space for mechanical equipment

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** As required for equipment, maintenance & replacement (pull space)
- **Location** Mechanical rooms in various locations sized as required.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** N/A
- **By Owner** N/A
- **Finishes** Floor: concrete (sealed)
Base: none
Walls: CMU - painted
Ceiling: exposed structure - painted
Door: 36" X 84" metal (pairs as required)
- **Electric outlets** for equipment and general use
- **Speakers** Public Address System

SPECIAL CHARACTERISTICS:

- N/A

SUPPORT SPACES & CIRCULATION

SPACE NAME: MECHANICAL CLOSETS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Space for mechanical equipment

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** As required for equipment, maintenance & replacement (pull space)
- **Location** Mechanical rooms in various locations sized as required.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** N/A
- **By Owner** N/A
- **Finishes**
Floor: concrete (sealed)
Base: none
Walls: CMU - painted
Ceiling: exposed structure - painted
Door: 36" X 84" (pairs as required)
- **Electric outlets** for equipment and general use

SPECIAL CHARACTERISTICS:

- N/A

SUPPORT SPACES & CIRCULATION

SPACE NAME: ELECTRICAL ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Space for electrical equipment

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** As required for all electrical equipment, maintenance & replacement
- **Location** Electrical rooms in various locations sized as required.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** N/A
- **By Owner** N/A
- **Finishes** Floor: concrete (sealed)
Base: none
Walls: CMU - painted
Ceiling: exposed structure - painted
Door: 36" X 84" (pairs as required)
- **Electric outlets** for equipment and general use

SPECIAL CHARACTERISTICS:

- N/A

SUPPORT SPACES AND CIRCULATION

SPACE NAME: ELECTRICAL CLOSETS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Space for electrical equipment

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** As required for all electrical equipment, maintenance & replacement
- **Location** Electrical rooms in various locations sized as required.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** N/A
- **By Owner** N/A
- **Finishes** Floor: concrete (sealed)
Base: none
Walls: CMU - painted
Ceiling: exposed structure - painted
Door: 36" X 80" (pairs as required)
- **Electric outlets** for equipment and general use

SPECIAL CHARACTERISTICS:

- N/A

SUPPORT SPACES AND CIRCULATION

SPACE NAME: ELEVATOR

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Space for electrical equipment
- B. Specific Activities: Efficient building circulation

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** As required for students and to meet applicable code, Coordinate with Owner Equipment to be transported between floors
- **Location** In various locations sized as required.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** N/A
- **By Owner** N/A
- **Finishes** Floor: VCT
Base: Cab
Walls: Cab
Ceiling: Cab

SPECIAL CHARACTERISTICS:

- N/A

SUPPORT SPACES AND CIRCULATION

SPACE NAME: STAIRS AND CORRIDORS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Efficient Building Circulation and as required by code

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** As required for students and to meet applicable code
- **Location** In various locations sized as required.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** N/A
- **By Owner** N/A
- **Finishes**

Floor:	Epoxy Terrazzo
Base:	Rubber
Walls:	CMU - painted
Ceiling:	Suspended acoustic tile
Treads:	Pre-Cast Terrazzo (Main Stair)
Treads:	Colored Concrete (Egress Stairs)
- **Electric outlets** for cleaning equipment and general use
- **Wall speakers** Public Address System
- **Electronic Door Holders on all Corridor and Stair Doors**

SPECIAL CHARACTERISTICS:

- N/A

SPACE NAME: EXTERIOR SITE REQUIREMENTS

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Staff and visitor parking; parent drop-off of students; bus loading/unloading area; service entrance

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** N/A.
- **Location** N/A

FURNISHINGS AND EQUIPMENT:

- **In-Contract** N/A
- **By Owner** N/A

SPECIAL CHARACTERISTICS:

- **Design overall site parking to meet permit requirements and accommodate:**
 - **200 staff parking**
 - **300 visitors and students**
 - **500 total spaces**
 - **Parent drop-off of students for 10 cars close to Student Entrance**
 - **Bus loading for 12 buses**
 - **Service entrance - loading and unloading for two vehicles and two trash dumpsters.**
- **See Separate Sports Facilities Requirements**

APPENDIX C - ATTACHMENT 3

LEVEL OF QUALITY AND GUIDE SPECIFICATIONS

for George Mason High School

Information provided below is intended to set a minimum level of quality for the George Mason High School. It is not intended to be a listing of the final materials. The Owner desires the project to be constructed with quality materials and construction techniques that will provide longevity and ease of maintenance and lowest (or most reasonable) life cycle cost.

Building Structure & Exterior

The George Mason High School is to be composed of a non-combustible steel or concrete structure, concrete floor slab(s) on metal deck (Standard/Acoustical), roofing with high solar reflectance colors to meet high performance and LEED standards comprised of EPDM, TPO or PVC (Sarnafil or equal) materials, and masonry (vener) exterior. Building foundations should anticipate the use of deep foundations to obtain adequate bearing capacity.

Building Interior

See attached Guide Specifications for minimum level for Interior Finishes and Fixtures. Materials indicated represent a Minimum Level of Quality or Basis of Design. Actual materials and colors will be selected during the design process. Additional items will be determined as the design progresses and as required in the Scope of Services. In general, Interior Finishes will be as follows:

ENGLISH DEPARTMENT

English Collaborative Classrooms

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET).
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Teacher Team Room & Lounge

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) /
Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

English Breakout Space

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET).
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer
with Plastic Laminate Countertops

Academic Storage Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET).
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Content Area Small Classroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET).
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer
with Plastic Laminate Countertops

Staff Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Door: Solid Wood Veneer / HM Frame / with privacy lock

MATH DEPARTMENT

Math Classrooms

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET).
 Wall Base: Vinyl
 Walls: CMU – painted (One painted accent wall)
 Ceiling: 2 x 2 Acoustical ceiling panels
 Lighting: 2 x Architectural LED recessed fixtures
 Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
 Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Teacher Team Room & Lounge

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
 Wall Base: Vinyl
 Walls: CMU – painted (One painted accent wall)
 Ceiling: 2 x 2 Acoustical ceiling panel.
 Lighting: 2 x Architectural LED recessed fixtures
 Doors: Solid Wood Veneer / HM Frame / with lock
 Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Academic Storage Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET).
 Wall Base: Vinyl
 Walls: CMU – painted
 Ceiling: 2 x 2 Acoustical ceiling panels.
 Lighting: 2 x Architectural LED recessed fixtures
 Doors: Solid Wood Veneer / HM Frame/ with lock

Content Area Small Classroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET).
 Wall Base: Vinyl
 Walls: CMU – painted (One painted accent wall)
 Ceiling: 2 x 2 Acoustical ceiling panels
 Lighting: 2 x Architectural LED recessed fixtures
 Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
 Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Staff Toilet

Floor: Ceramic Tile with epoxy grout
 Wall Base: Ceramic Tile
 Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – paint - epoxy
 Ceiling: 2 x 2 Acoustical ceiling panels
 Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
 Lighting: 2 x Architectural LED recessed fixtures
 Door: Solid Wood Veneer / HM Frame/ with privacy lock

SCIENCE DEPARTMENT

Universal Lab / Classroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET).
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate with Plastic Laminate or Epoxy Resin Countertops / Wood Veneer with Epoxy Resin Countertops

STEAM Lab / Resource Area

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate with Plastic Laminate or Epoxy Resin Countertops / Wood Veneer with Epoxy Resin Countertops

Teacher Team Room & Lounge

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panel.
Lighting: 2 x Architectural LED recessed fixtures
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Science Breakout Space

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame/ with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Academic Storage Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame/ with lock

Content Area Small Classroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Staff Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Door: Solid Wood Veneer / HM Frame/ with privacy lock

SOCIAL STUDIES DEPARTMENT

Social Studies Collaborative Classroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Teacher Team Room & Lounge

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Social Studies Breakout Space

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Academic Storage Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Content Area Small Classroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Staff Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Door: Solid Wood Veneer / HM Frame / with privacy lock

WORLD LANGUAGE DEPARTMENT

Large Group Classroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Small Group Classroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Language Breakout Space

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Teacher Team Room & Lounge

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panel.
Lighting: 2 x Architectural LED recessed fixtures
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Academic Storage Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Content Area Small Classroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Staff Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – paint - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Door: Solid Wood Veneer / HM Frame / with privacy lock

INTER-DISCIPLINARY

LIBRARY / MEDIA SERVICES

Media Center

Floor: Carpet (carpet tile or rubber backed roll goods)
Wall Base: Vinyl Base
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels with GPWD Soffits.
Lighting: Architectural LED fixtures & downlights and decorative lights
Doors: Solid Wood Veneer / glass vision panel / HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops
Theme: Special design elements to express a Media Center Theme

Office

Floor: Carpet (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Workroom

Floor: VCT near appliances, Carpet Remaining (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Staff Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – paint - epoxy
Ceiling: Moisture resistant drywall with epoxy paint.
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Door: Solid Wood Veneer / HM Frame / with privacy lock

Collaborative Classroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Collaborative Classroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Design Lab

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Design Studio

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Small Group / Conference

Floor: Carpet (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Digital Technology Storage

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

INTER-DISCIPLINARY RESOURCES

Presentation Arena

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Small Group / Ind. Assessment

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Hybrid Learning Center

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

ART – PERFORMANCE AND DESIGN DEPARTMENT

VISUAL ARTS

Design Labs

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall) - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Teacher Team Room & Lounge

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET) near appliances, Carpet Remaining (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panel.
Lighting: 2 x Architectural LED recessed fixtures
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Art Storage

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Kiln Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET) or Sealed Concrete.
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

AUDITORIUM / PERFORMANCE

Main Auditorium / Stage

Floor: Wood Flooring at Stage / Carpet at Walkways & VCT at Seats in the Sloped Area
Wall Base: Wood at Stage / Vinyl in the Sloped Area
Walls: Painted CMU with acoustical panels and treatments
Ceiling: Painted Exposed Structure with ceiling & systems designed acoustically for theatrical and music performances
Lighting: Downlights and decorative fixtures / Architectural LED fixtures & downlighting and theatrical lighting & systems
Doors: Solid Wood Veneer / glass vision panel / HM Frame

Auditorium Lobby

Floor: Epoxy Terrazzo
Wall Base: Terrazzo
Walls: CMU – painted / Storefront with Impact Resistant Glass
Ceiling: 2 x 2 Acoustical ceiling panels and painted GPDW Soffits.
Lighting: Architectural LED fixtures & downlights / decorative fixtures
Doors: Aluminum / Impact Resistant Glass with electronic lock

Stage and Support Areas

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED fixtures & downlights / decorative fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Control Room / Storage

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted / acoustical panels
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED fixtures & downlights / decorative fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Broadcast Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted / acoustical panels
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED fixtures & downlights / decorative fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Ticket Booth

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED fixtures & downlights / decorative fixtures
Doors: Solid Wood Veneer / HM Frame/ with lock

Concessions / School Store

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED fixtures & downlights / decorative fixtures
Doors: Solid Wood Veneer / HM Frame/ with lock
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Dressing Room / Toilet

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET) – Dressing Area / Ceramic Tile - Toilet
Wall Base: Vinyl – Dressing Area / Ceramic Tile - Toilet
Walls: Ceramic Tile to 7'-0"; CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Lighting: 2 x Architectural LED recessed fixtures
Door: Solid Wood Veneer / HM Frame / privacy lock

Scene Shop & Workroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED fixtures & downlights / decorative fixtures
Doors: Solid Wood Veneer / HM Frame / with lock
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Theatre Arts / Drama / Black Box

Floor: Wood Flooring at Stage – Black / Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET) - Black
Wall Base: Wood at Stage – Black / Vinyl at non-wood areas - Black
Walls: CMU – Painted – Black with acoustical panels / treatments
Ceiling: Painted Exposed Structure
Lighting: Architectural LED fixtures & downlights / decorative fixtures & downlighting and theatrical lighting & systems
Doors: Solid Wood Veneer / glass vision panel / HM Frame

Orchestra Pit

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: (Auditorium ceiling)
Lighting: Architectural LED fixtures & downlights / decorative fixtures & downlighting and theatrical lighting & systems
Doors: Solid Wood Veneer / glass vision panel / HM Frame

Public Toilets

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED recessed fixtures
Door: Solid Wood Veneer / HM Frame / with lock
Partitions: See Below (Refer to “Specifications Standards” and “Additional Owner Notes”)
Fixtures: See Below (Refer to “Specifications Standards” and “Additional Owner Notes”)

PERFORMING ARTS

Band / Orchestra

Floor: Carpet (carpet tile or rubber backed roll goods).
Wall Base: Vinyl
Walls: CMU - painted / Tectum acoustical panels
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Choral / Strings Program

Floor: Carpet (carpet tile or rubber backed roll goods).
Wall Base: Vinyl
Walls: CMU - painted / acoustical panels
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Instrument Storage

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Uniform Storage

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 4 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Practice Rooms

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel / HM Frame

Music Library

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

CROSS DISCIPLINARY INNOVATION DEPARTMENT

Project Based Learning Lab

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Education Resource Center

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Technology Breakout Space

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood veneer with Wood veneer or Solid Surface Countertops
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Storage Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Staff Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Door: Solid Wood Veneer / HM Frame/ with privacy lock

PHYSICAL EDUCATION

GYMNASIUM

Competition Gym - Court

Floor: Fixed Floating Wood Sports Flooring with game lines
Wall Base: Metal
Walls: CMU – painted - epoxy
Ceiling: Painted Exposed Structure
Lighting: Architectural LED fixtures for Gymnasiums
Doors: Solid Wood Veneer / glass vision panel / HM Frame / with lock / Electronic Door Holders

Community Gym

Floor: Fluid Applied Athletic/Sports Flooring with game lines
Wall Base: Rubber
Walls: CMU - painted - epoxy
Ceiling: Painted Exposed Structure
Lighting: Architectural LED fixtures for Gymnasiums
Doors: Solid Wood Veneer / glass vision panel / HM Frame / with lock / Electronic Door Holders

Gym Lobby

Floor: Epoxy Terrazzo
Wall Base: Terrazzo
Walls: CMU – painted / Storefront with Impact Resistant Glass
Ceiling: 2 x 2 Acoustical ceiling panels and painted GPDW Soffits.
Lighting: Architectural LED fixtures & downlights / decorative fixtures
Doors: Aluminum / Impact Resistant Glass with electronic lock

Wrestling Room

Floor: Rubber Tile Sport Flooring
Wall Base: Rubber
Walls: CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel / HM Frame / with lock

Fitness Center

Floor: Rubber Tile Sport Flooring
Wall Base: Rubber
Walls: CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel / HM Frame / with lock

Concessions

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / HM Frame/ with lock

Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink) / Wood Veneer with Wood Veneer or Solid Surface Countertops (with sink)

Ticket Booth

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted / acoustical panels
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel / HM Frame / with lock

Broadcast AV Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted / acoustical panels
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel / HM Frame / with lock

Indoor Storage

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Boys Locker

Floor: Ceramic Tile (epoxy grout)
Wall Base: Ceramic Tile
Walls: Ceramic Tile wainscot 7'-0" / CMU –painted - epoxy / Ceramic Tile at Showers
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Girls Locker

Floor: Ceramic Tile (epoxy grout)
Wall Base: Ceramic Tile
Walls: Ceramic Tile wainscot 7'-0" / CMU –painted - epoxy / Ceramic Tile at Showers
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Public Toilet Rooms

Floor: Ceramic Tile (epoxy grout)
Wall Base: Ceramic Tile
Walls: Ceramic Tile
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock
Partitions: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")

Outdoor Storage

Floor: Sealed Concrete.
Wall Base: None
Walls: CMU – painted - epoxy.
Ceiling: Painted exposed structure
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

GYM OFFICES

Gym A.D. Office

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Conference Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Faculty Offices

Floor: Carpet (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Coaches Offices

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET) / Ceramic Tile in Shower with epoxy grout
Wall Base: Vinyl / Ceramic Tile in Shower
Walls: CMU – painted – epoxy / Ceramic Tile in Shower
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Health CR

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

GYM SUPPORT SPACES

Laundry Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Training Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Storage / PE

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Storage / Athletics

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

SPECIAL EDUCATION

Special Needs Content Area

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Small Resource Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted (One painted accent wall)
Ceiling: 2 x 4 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Sensory Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Life Skills

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

OT/PT Lab

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer/ glass vision panel HM Frame/ with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Transition Center

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET) and Carpet (carpet tile or rubber backed roll goods).
Wall Base: Vinyl
Walls: CMU - painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Storage Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Conference Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Testing Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Staff Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – paint - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Door: Solid Wood Veneer / HM Frame / with privacy lock

TECHNOLOGY SUPPORT SERVICES

IT Admin Office / Command Center

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED fixtures & downlights
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Digital Technology Storage

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels

Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Server Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted with Fire Rated Plywood
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame/ with lock

GUIDANCE / CAREER CENTER / STUDENT & FAMILY SUPPORT

Guidance Reception

Floor: Carpet (carpet tile or rubber backed rolled goods)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED fixtures & downlights
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Registrar / Secretary

Floor: Carpet (carpet tile or rubber backed rolled goods)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED fixtures & downlights
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

College / Career Center

Floor: Carpet (carpet tile or rubber backed rolled goods)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: Architectural LED fixtures & downlights
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Main Counselor's Office

Floor: Carpet (carpet tile or rubber backed rolled goods)
Wall Base: Vinyl
Walls: CMU - painted or impact resistant drywall on light gauge metal studs.

Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Counselor's Office

Floor: Carpet (carpet tile or rubber backed rolled goods)
Wall Base: Vinyl
Walls: CMU - painted or impact resistant drywall on light gauge metal studs.
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

IB Coordinator / Gifted

Floor: Carpet (carpet tile or rubber backed rolled goods)
Wall Base: Vinyl
Walls: CMU - painted or impact resistant drywall on light gauge metal studs.
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Testing / Data Coordinator

Floor: Carpet (carpet tile or rubber backed rolled goods)
Wall Base: Vinyl
Walls: CMU - painted or impact resistant drywall on light gauge metal studs.
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Student Support

Floor: Carpet (carpet tile or rubber backed rolled goods)
Wall Base: Vinyl
Walls: CMU - painted or impact resistant drywall on light gauge metal studs.
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Itinerants

Floor: Carpet (carpet tile or rubber backed rolled goods)
Wall Base: Vinyl
Walls: CMU - painted or impact resistant drywall on light gauge metal studs.
Ceiling: 2 x 2 Acoustical ceiling panels

Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Small Group / Conference

Floor: Carpet (carpet tile or rubber backed rolled goods)
Wall Base: Vinyl
Walls: CMU - painted or impact resistant drywall on light gauge metal studs.
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Workroom

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted or impact resistant drywall on light gauge metal studs.
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Records Storage

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted or impact resistant drywall on light gauge metal studs.
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Special Education / Parent Liaison

Floor: Carpet (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU - painted or impact resistant drywall on light gauge metal studs.
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame/ with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Staff Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to “Specifications Standards” and “Additional Owner Notes”)
Door: Solid Wood Veneer / HM Frame / with privacy lock

HEALTH SERVICES

Clinic Waiting / Reception

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Nurse's Office

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted.
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Exam Room

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Resting Area

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Storage

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Health Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Door: Solid Wood Veneer / HM Frame / with privacy lock

FOOD SERVICE

Dining / Commons

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted – epoxy / Sound Panels
Ceiling: 2 x 2 Acoustical ceiling panels.with GPWD Soffits
Lighting: Architectural LED fixtures
Doors: Solid Wood Veneer / HM Frame / Electronic Door Holders and Coiling Door(s) with lock

Serving

Floor: Quarry Tile with epoxy grout
Wall Base: Quarry Tile
Walls: Ceramic Tile
Ceiling: 2 x 2 Acoustical ceiling panels (Washable & scrubable)
Lighting: Architectural LED fixtures (Contained and cleanable)
Doors: Solid Wood Veneer / HM Frame / with lock / Electronic Door Holders and Coiling Door(s) with lock

Kitchen

Floor: Quarry Tile with epoxy grout
Wall Base: Quarry Tile
Walls: Ceramic Tile
Ceiling: 2 x 2 Acoustical ceiling panels (Washable & scrubable)
Lighting: Architectural LED fixtures (Contained and cleanable)
Doors: Solid Wood Veneer / HM Frame / with lock and Coiling Door(s) with lock

Kitchen Office

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Walk-in Refrigerator

Floor: Factory Floor
Walls: Factory Stainless Steel
Ceiling: Factory Stainless Steel
Lighting: Factory Lighting

Walk-in Freezer

Floor: Factory Floor
Walls: Factory Stainless Steel
Ceiling: Factory Stainless Steel
Lighting: Factory Lighting

Dry Storage

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU - painted
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Faculty Dining / Lounge

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted - One painted accent wall
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops (with sink)

Senior Courtyard - Outside Space

Floor: Per exterior design
Walls: Per exterior envelope design
Lighting: Exterior Architectural LED fixtures
Door(s): To meet code / Electronic Door Holders

Staff Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Door: Solid Wood Veneer / HM Frame / with privacy lock

ADMINISTRATION / SAFETY / BUILDING SERVICES

ADMINISTRATION

Secure Vestibule

Floor: Epoxy Terrazzo with Recessed walk-off mat(s)
Wall Base: Terrazzo
Walls: Storefront with Impact Resistant Glass / CMU – paint - epoxy
Ceiling: Painted GPWD or 2 x 2 Acoustical ceiling panel and painted GPWD Soffits.
Lighting: Architectural LED fixtures & downlights
Doors: Aluminum / Impact Resistant Glass with electronic lock

Entrance Lobby

Floor: Epoxy Terrazzo with Recessed walk-off mat(s)
Wall Base: Terrazzo
Walls: Storefront with Impact Resistant Glass / CMU – paint - epoxy
Ceiling: Painted GPWD or 2 x 2 Acoustical ceiling panel and painted GPDW Soffits.
Lighting: Architectural LED fixtures & downlights
Doors: Aluminum / Impact Resistant Glass with electronic lock

Reception / Clerical

Floor: Carpet (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU - painted. One painted accent wall
Ceiling: 2 x 2 Acoustical ceiling panels and painted GPDW Soffits
Lighting: Architectural LED fixtures & downlights
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Principal

Floor: Carpet (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU – painted or painted gypsum wallboard on light gauge metal studs. One painted accent wall
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Assistant Principal / Dean

Floor: Carpet (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU – painted or painted gypsum wallboard on light gauge metal studs. One painted accent wall
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Staff Offices

Floor: Carpet (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU – painted or painted gypsum wallboard on light gauge metal studs. One painted accent wall
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer/ glass vision panel HM Frame / with lock

Workroom / Mail

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted or painted gypsum wallboard on light gauge metal studs. One painted accent wall
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Conference Room

Floor: Carpet (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU – painted or painted gypsum wallboard on light gauge metal studs. One painted accent wall
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Storage / Supplies

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted or painted gypsum wallboard on light gauge metal studs. One painted accent wall
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Attendance

Floor: Carpet (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU – painted or painted gypsum wallboard on light gauge metal studs. One painted accent wall
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Bookkeeper

Floor: Carpet (carpet tile or rubber backed roll goods)
Wall Base: Vinyl
Walls: CMU – painted or painted gypsum wallboard on light gauge metal studs. One painted accent wall
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer/ glass vision panel HM Frame / with lock

Records Storage

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted or painted gypsum wallboard on light gauge metal studs. One painted accent wall
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

Student Supervised Study

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted or painted gypsum wallboard on light gauge metal studs. One painted accent wall
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer/ glass vision panel HM Frame / with lock

Staff Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – paint - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Door: Solid Wood Veneer / HM Frame / with privacy lock

BUILDING SERVICES / MAINTENANCE

Custodial / Maintenance Office

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Receiving / Storage

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: Exposed structure - painted
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

Lockers

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock

TOILETS

Staff Toilets

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Door: Solid Wood Veneer / HM Frame / with privacy lock

Health Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Lighting: 2 x Architectural LED recessed fixtures
Door: Solid Wood Veneer / HM Frame / privacy lock

Dressing Room / Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Lighting: 2 x Architectural LED recessed fixtures
Door: Solid Wood Veneer / HM Frame / privacy lock

Boys / Girls Locker

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0"; CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Doors: Solid Wood Veneer / HM Frame / with lock

Public Toilets

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0"; CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Door: Solid Wood Veneer / HM Frame / with lock
Partitions: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")

Boys Gang Toilets

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0"; CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Door: Solid Wood Veneer / HM Frame / with lock
Partitions: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")

Girls Gang Toilets

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0"; CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: Architectural LED recessed fixtures
Door: Solid Wood Veneer / HM Frame / with lock
Partitions: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")

Custodial Closets

Floor: Sealed concrete
Wall Base: None
Walls: CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Lights: Architectural LED fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

SUPPORT SPACES AND CIRCULATION

Mechanical Room

Floor: Sealed concrete
Wall Base: None
Walls: CMU – painted - epoxy
Ceiling: Paint exposed structure
Lights: Architectural LED fixtures
Doors: Hollow Metal / HM Frames / with lock

Electrical Room

Floor: Sealed concrete
Wall Base: None
Walls: CMU – painted - epoxy
Ceiling: Paint exposed structure
Lights: Architectural LED fixtures
Doors: Hollow Metal / HM Frames / with lock

Electrical Closets

Floor: Sealed concrete
Wall Base: None
Walls: CMU – painted - epoxy
Ceiling: Paint exposed structure
Lights: Architectural LED fixtures
Doors: Hollow Metal / HM Frames / with lock

Communication Closets

Floor: Sealed concrete
Wall Base: None
Walls: CMU – painted - epoxy
Ceiling: Paint exposed structure
Lights: Architectural LED fixtures
Doors: Hollow Metal / HM Frames / with lock

Sprinkler Room

Floor: Sealed concrete
Wall Base: None
Walls: CMU – painted - epoxy
Ceiling: Paint exposed structure
Lights: Architectural LED fixtures
Doors: Hollow Metal / HM Frames / with lock

Elevators

Floor: Per manufacturer / Vinyl Composition Tile (VCT)
Wall: Per manufacturer / Plastic Laminate with reveals
Handrails: Per manufacturer / Decorative Metal Finish
Ceiling: Per manufacturer / Standard Finishes
Lighting: Per manufacturer / Downlights (Architectural recessed LED – round or square)

Stairs (Enclosed)

Floor: Epoxy Terrazzo
Treads/Risers: Pre-Cast Terrazzo (Main Stair) / Colored Concrete (Egress Stairs)
Wall Base: Rubber
Walls: CMU – painted - epoxy.
Handrails: Ornamental, painted steel (Stainless at marquis areas)
Ceiling: Painted gypsum wallboard or 2 x 2 Acoustical ceiling panels
Doors: To meet code / Electronic Door Holders

Corridors

Floor:	Epoxy Terrazzo
Wall Base:	Terrazzo / Vinyl
Walls:	CMU – painted - epoxy
Ceiling:	2 x 2 Acoustical ceiling panels and painted GPDW Soffits
Lighting:	Architectural LED recessed fixtures
Doors:	To meet code / Electronic Door Holders

Additional Owner Notes:

Plastic Laminate Cabinets and Countertops

- A. Perform cabinet construction in accordance with Architectural Woodwork Institute (AWI), "Architectural Quality Standards Illustrated." (www.awinet.org).
- B. Cabinets: Plastic Laminate-faced. Provide single source responsibility for all plastic laminate-faced casework. Submit evidence of at least five years of experience in successful manufacturing for installations of laminated-faced casework similar in size and scope to the work required for this project.
- C. Installation: Install casework under the supervision of the Manufacturer's authorized representative, using mechanics certified by the Manufacturer.
- D. Exterior cabinet surfaces (exposed finish): High pressure decorative laminate (HPDL), NEMA LD3-2005, General Purpose, VGS, .028" thick. Provide HPDL Manufacturer's full range of standard colors for selection. Exposed surfaces include the following:
 - a. Doors and drawer fronts (when closed)
 - b. Exterior cabinet ends
 - c. Bottoms of wall cabinets
 - d. Interiors of open cabinets (no doors)
- E. Semi-exposed surfaces: Pressure fused laminate; Melamine, resin-impregnated, 80 gram PSM minimum, complying with NEMA Standard LD3-2005, VGL standards and NEMA LD3-2000 CLS standards. Color: Colorfast "white," "gray," or "putty." Semi-exposed surfaces include the following:
 - a. Interior of all cabinet surfaces (cabinets with doors).
 - b. Tops of tall cabinets and wall cabinets.
- F. Countertops: High pressure decorative laminate, NEMA Standard LD3-2005, General Purpose, HGS .048" thick, solid color, horizontal grade. Provide HPDL Manufacturer's full range of standard colors for selection.
- G. Balancing sheet: White or neutral colored, .020" thick Cabinet Liner, NEMA CLS-20 for balanced construction.
- H. Cabinet Edging: High impact, solid, acid-resistant PVC, with homogenous color throughout; machined applied with hot melt adhesive. Minimum number of color selections: 27.
 - a. Doors and Drawers: 3 mm thick.
 - b. Cabinet body edging: 3 mm thick.
- I. Particle Board Core: minimum 47 lb. density; balanced construction with moisture content not to exceed 8%. Comply with ANSI A208.1 - 1993, type M-3 Industrial Grade.
- J. Fiberboard: Medium density, ANSI A208.2.
- K. Hardware:

- a. Hinges: Five knuckle 270° swing, institutional type hinge; wrap around, tempered steel. Provide one pair per door to 48" in height, one and one-half pair per door over 48" high. Finish: Chrome
- b. Pulls: Satin chrome, 4" wire pull
- c. Drawer slides: Minimum 75 pound dynamic load rating, with adjuster cam to control side sway, and in-stop, out-stop and keeper to maintain 80% open position OR 100 pound dynamic load rating full-extension slides.
- d. Catches: 6 pound magnetic catch for base and wall cabinet doors. Provide two catches at tall cabinets.
- e. Elbow catches: Ives #2, A14 (chrome) or comparable.
- f. Shelf-supports: Adjustable type, twin pin design to prevent rotation and provided with anti-tip up shelf restraints. Load rating: 300 pounds per support. Support shall retard shelf slide-off. Shelf supports shall friction-fit into end panels and intermediate vertical dividers.
- g. Locks: Disc tumbler design; provide locks for all drawers and doors. All locks shall have metal strike/receiver. All locks shall be keyed alike by room.
- h. Coat hooks for student garment units (Elementary Schools): Ives #405, A 14 finish (chrome) or comparable. Comply with ANSI/BHMA A156.16 L33113.
- L. The following manufacturer shall be acceptable for the Basis of Design for manufacturing casework: LSI Corporation of America, Inc. Minneapolis, MN, 1-612-559-4664. L44 series with the following features:
 - a. Door overlay design.
 - b. PVC body edging for doors and drawers and cabinet bodies.
 - c. Independent toe base.
- M. Other manufacturers listed herein shall be acceptable subject to the requirements of the final specification:
 - a. Case Systems, Inc., Midland, MI, 1-517-835-4112.
 - b. Southside Manufacturing Corp., Danville, VA, 1-804-836-6347.
 - c. Paragon Casework, Chantilly, VA, 1-703-802-1517.
 - d. Stevens Industries of Teutopolis, IL as represented by Nycom, Inc., Richmond, VA. 1-804-794-3044
 - e. Specified Woodworking, Laurel, MD, 1-301-598-8200.
 - f. Other fabricator(s) pre-bid approved by Construction Manager. Upon request, fabricators shall provide Architect or Owner with a fabricated representative sample of casework complete with hardware and accessories.

Lumber Materials

- A. Forest Certification: Wood products, provide materials produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC 1.2, "Principles and Criteria":
- B. Material Certificates: For dimension lumber specified to comply with minimum allowable unit stresses. Indicate species and grade selected for each use and design values approved by the ALSC Board of Review.
- C. Preservative Treatment by Pressure Process: AWWA C2.
- D. Fire Retardant Treated Materials: Comply with performance requirements in AWWA C20 (lumber) and AWWA C27 (plywood).

Accessories

- A. Adhesive: Use adhesive or joint compound recommended by manufacturer for intended products and applications. Volatile Organic Compound (VOC) Content use adhesives that have a VOC content of 50 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
- B. Fasteners: Size and type to suit application.

- C. Bolts, Nuts, Washers, Lags, Pins, and Screws: of size and type to suit application; galvanized or chrome-plated finish in concealed locations and stainless steel, or chrome-plated finish in exposed locations.

Steel Doors and Frames:

- A. General: Provide 1-3/4 inch doors of design indicated, not less than thickness indicated; fabricated with smooth surfaces, without visible joints or seams on exposed faces unless otherwise indicated. Comply with ANSI/NAAMM HMMA 867 and ANSI/SDI A250.8.
- B. Exterior Doors: Face sheets fabricated of commercial quality hot-dipped zinc coated steel that complies with ASTM A924 A60. Provide doors complying with ANSI/SDI A250.8 for level and model and ANSI/SDI A250.4 for physical performance level, and HMMA 867 for door construction.
 - a. Level/Model: Level 3
 - b. Physical Performance Level A (Extra Heavy Duty)
 - c. Minimum 14 gage (0.067 inch - 1.7-mm) thick steel, Model 2 (Fully welded, seamless face and edges).
- C. Interior Doors: Face sheets fabricated of commercial quality cold rolled steel that complies with ASTM A366 or 620. Provide doors complying with requirements indicated below by referencing ANSI/SDI A250.8 for level and model and ANSI/SDI A250.4 for physical performance level:
 - a. Level/Model: Level 3
 - b. Physical Performance Level B (Heavy Duty)
 - c. Minimum 16 gage (0.053-inch - 1.3-mm) thick steel, Model 2 (Fully welded, seamless face and edges).
- D. Exterior Door Steel Frames: ANSI 250.8/SDI-100, 14 gauge steel frames, galvanized, mitered and welded corners. Fabricated of hot-dipped zinc coated steel that complies with ASTM designations A924 A60. Shop finish
 - a. Frames for Level 3 Steel Doors (up to 48 inches in width): Minimum 14 gage (0.067-inch - 1.7-mm) thick steel sheet.
 - b. Frames for Level 3 Steel Doors (48 inches and up in width): Minimum 12 gage (0.081 - inch -2. 7-mm) thick steel sheet.
- E. Interior Door Steel Frames: ANSI 250.8/SDI-100, 16 gauge steel frames, mitered and welded comers. Fabricated from cold-rolled steel sheet that complies with ASTM A366-68 or ASTM A569-66T. Shop finish
 - a. Frames for Door Openings (up to 48 inches in width): Minimum 16 gage (0.053-inch - 1.3-mm) thick steel sheet.
 - b. Frames for Doors Openings (48 inches and up in width): Minimum 14 gage (0.067-inch - 1.7-mm) thick steel sheet.
 - c. Frames for Borrowed Lights: Minimum 16 gage (0.053-inch -1 .3-mm) thick steel sheet.
- F. Fire-Rated Door Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 (neutral pressure at 40" above sill or UL 10C).
- G. Access Doors: Provide flush panel doors & frames of continuous welded steel construction, frames 16-gage and doors 14-gage sheet steel, with concealed continuous piano hinge. Units complying with NFPA 80. UL 108 for vertical access doors and frames.
- H. Fire-Rated, Borrowed-Light Frame Assemblies: Assemblies complying with NFPA 80 that are listed and labeled, by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire-protection ratings indicated, based on testing according to NFPA 257. Label each individual glazed lite.
- I. Smoke-Control Door Assemblies: Comply with NFPA 105.
- J. Exterior Openings: Comply with minimum thermal ratings, based on ASTM C518.

- K. Manufacturers: Unless otherwise described and subject to compliance with requirements, provide products by one of the following: 1. CECO Door Products – Trio Series. 2. Curries Company – Trio Series. 3. Steelcraft – B Series,

Interior Flush Wood Doors

- A. 1 ¾" thickness, AWI 1300, Grade A wood, species and finish to be determined during design phase.
- B. Core: Stave SLC-5
- C. Quality Standard: Comply with NWWDA I.S.1-A, "Architectural Wood Flush Doors." Premium
- D. Factory applied stain and transparent finish. Manufacturer's standard finish with performance comparable to AWI System TR- 6 catalyzed polyurethane.
- E. Fire-Rated Wood Doors: Doors complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252. Provide category "A" positive pressure labels.

Gypsum Drywall

- A. Non-Load Bearing Framing and Furring
 - a. Comply with ASTM C754 for stud spacing for maximum L/120 at 5 psf.
 - b. Steel Sheet Components: ASTM C645
 - c. Protective Coating: ASTM A 653/A 653M, G40, hot-dip galvanized, unless otherwise indicated.
 - d. Fire-Test-Response Characteristics: For fire-resistance-rated assemblies that incorporate nonload-bearing steel framing, provide materials and construction identical to those tested in assembly indicated according to ASTM E 119 by an independent testing agency.
 - e. STC-Rated Assemblies: For STC-rated assemblies, provide materials and construction identical to those tested in assembly indicated according to ASTM E 90 and classified according to ASTM E 413 by an independent testing agency.
- B. Gypsum Board: ASTM C 36/C 36M or ASTM C 1396/C 1396M, as applicable to type gypsum board. Drywall partitions with metal studs at 16" o.c. except as required by ASTM C754 criteria specified. Provide GA-214 "Level 5" finish.
- C. Gypsum Ceiling Board: ASTM C 1396/C 1396M.
- D. Glass-Mat Gypsum Sheathing for Exterior Use: ASTM C 1177/C 1177M, with fiberglass mat laminated to both sides and with manufacturer's standard edges, exterior gypsum board, CI047 trim accessories; C665 sound attenuation blankets.
- E. Provide "regular"; and type X for fire rated applications, with manufacturer's standard edges and 5/8" thickness.
- F. Abuse-Resistant Type: Manufactured to produce greater resistance to surface indentation, through-penetration (impact resistance), and abrasion than standard, regular-type and Type X gypsum board. Basis of Design: USG Fiberock, VHI Abuse-resistant panels; Category 3 assembly with Tuff-Hide Primer Surfacer. Core: 5/8 inch, Type X.

Acoustical Ceilings

- A. Exposed grid panel ceilings; 15/16" intermediate duty.
- B. Acoustical Panels: Comply with ASTM E 1264
 - a. Basis-of-Design: Armstrong Fissured Square Lay-In- 755.
 - b. Size: 2' x 2' x 5/8"
 - c. Feature: Meets CA Dept. of Health Services Standard Practice for the testing of VOC Emissions and is listed on CHPS High Performance Products Database for Low-Emitting Materials.
 - d. Fire resistance: Class A
 - e. Recycled content: Up to 51%

- f. Broad Spectrum Antimicrobial Fungicide and Bactericide Treatment: Provide acoustical panels treated with manufacturer's standard antimicrobial formulation that inhibits fungus, mold, mildew, and gram-positive and gram-negative bacteria and showing no mold, mildew, or bacterial growth when tested according to ASTM D 3273 and evaluated according to ASTM D 3274 or ASTM G 21
- C. Metal Suspension System Standard: Provide manufacturer's standard direct-hung metal suspension systems of types, structural classifications, and finishes indicated that comply with applicable requirements in ASTM C 635.
 - a. Basis of Design: Armstrong Prelude XL 15/16" grid
 - b. Provide manufacturer's standard factory-applied finish
 - c. High-Humidity Finish: Comply with ASTM C 635 requirements for "Coating Classification for Severe Environment Performance" where high-humidity finishes are indicated.

Ceramic Tile

- A. Colors: As selected from manufacturer's full product line including all price groups.
- B. Obtain all tiles from one source or producer. Obtain tile from same production run and of consistent quality in appearance and physical properties for each contiguous area.
- C. Trim Units: Matching bead, bullnose, cove, and base shapes in sizes coordinated with field tile.
- D. ANSI Ceramic Tile Standard: Provide tile that complies with ANSI A 137.1 , "Specifications for Ceramic Tile," for types, compositions, and other characteristics indicated:
- E. Static Coefficient of Friction: For tile installed on walkway surfaces, provide products with the following values as determined by testing identical products per ASTM C 1028:
 - a. Level Surfaces: Minimum 0.6.
 - b. Step Treads: Minimum 0.6.
 - c. Ramp Surfaces: Minimum 0.8.
- F. Unglazed Ceramic Mosaic Tile Basis of Design: Daltile Keystones Color Body Porcelain Tile
- G. Provide base to match floor tile, 12-inch length x 4-inch height.
- H. Marble Thresholds: ASTM C 503 with a minimum abrasion resistance of 12 per ASTM C 1353 or ASTM C 241 and with honed finish. Description: Uniform, fine- to medium-grained white stone with gray veining.

Resilient Flooring

- A. Vinyl Composition: ASTM F1066, Class 2, through-pattern tile. Thickness: 0.125 inch. Size: 12 by 12 inches. Comparable to Armstrong World Industries, Inc.; Standard Excelon Imperial and 10% Standard Excelon Multicolor. Colors and patterns as determined by architect.
- B. Vinyl: ASTM F1861, Type TP thermoplastic (standard commercial) Vinyl, .125 gage, set-on cove and straight base at carpet, 4-inch height. . Length: Roll. Color: Color as selected from manufacturer's standards. Products equal to those of Armstrong, Mannington, and Johnsonite.
- C. Rubber tile, treads & risers at stairwells comply with ASTM F2169, full width and depth of stair tread in one piece with contrasting color abrasive grit strips full width at nosing; tapered thickness; nosing not less than 1-1/2 inch deep, Class 1, Smooth (flat), Class 2, Pattern: Raised-rib design. equal to Johnsonite or Armstrong.
- D. Slip-resistant tile for ramps and stairs.

Carpeting

- A. Verify that concrete slabs comply with ASTM F 710 to prepare for direct glue-down application.
- B. Direct-Glue-Down Installation: Comply with CRI 104, Section 8, "Direct Glue-Down Installation."
- C. Manufacturers: Comparable to Tandus : Crayon
- D. Manufactured in one color dye lot.
- E. Colors: to be selected by Owner and Architect from full range of color and pattern options.

- F. Comply with maximum VOC standards of Commonwealth of Virginia State Air Pollution Control Board Regulations For The Control and Abatement of Air Pollution; 9VAC5 Chapter 45, Consumer And Commercial Products

Entrance Mats and Floor Mats

- A. Accessibility Requirements: Provide installed floor mats that comply with Section 4.5 in the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."
- B. Entrance Mats and Frames: Basis-of-Design Product: Subject to compliance with requirements, provide MUSSON Fluff Cord Tiles with aluminum recess mat frame.
- C. Floor Mats: Tile shall be 3/8" thick x 12" x 12" tile with a close-nap nylon carpet-like surface in Natural Earthtone Gray color; manufactured of rubber-fabric, heavy duty truck or bus tire strips bonded to a flexible backing with a "dry-back" adhesive back. Tile must be installed using manufacturer's specific installation instructions and Non-Flammable Environmentally Safe Adhesive.
- D. Recessed Frames: As indicated for permanent flush installation, complete with corner connectors, splice plates or connecting pins, and e anchors. Coat surfaces of aluminum frames that will contact cementitious material with manufacturer's standard protective coating.

Painting

- A. Provide manufacturers' product data for finishes, including printed statement of VOC content and chemical components. Comply with maximum VOC standards of Commonwealth of Virginia State Air Pollution Control Board Regulations For The Control and Abatement of Air Pollution; 9VAC5 Chapter 45, Consumer and Commercial Products.
- B. Generally provide prime coat plus two finish coats of "architectural" grade paint product. Provide primers and undercoat paint produced by the same manufacturer as the finish coats.
 - a. Interior, Flat, Latex-Based Paint: Ready-mixed, latex-based paint for a flat finish. MPI 53
 - b. Interior, Egg-Shell, Latex-Based Paint: Ready-mixed, latex-based paint for an Eggshell finish. MPI 44
 - c. Interior, semi-gloss, latex-based paint: for latex over alkyd primer system. MPI 54
 - d. Semi-gloss Gloss Enamel: Light industrial coating. MPI 153
 - e. Interior, Semi Gloss Enamel: MPI 94
- C. Painted Interior CMU surfaces: Provide Filler Coat Materials: Provide the manufacturer's recommended factory-formulated, latex-type concrete masonry block fillers that are compatible with the finish materials indicated. Products: Subject to compliance with requirements, provide the following: High-Performance Latex Block Filler: MPI 4
- D. Manufacturers: Subject to compliance with requirements, Basis of Design: Benjamin Moore & Co., Duron, Inc., or Sherwin-Williams Company
- E. Colors: As selected by Owner and Architect from manufacturer's full range. Different colors may be used in the same room. Colors of frames may be different than doors. Colors for ceilings and trim may be different from walls. Dark tints may be used on metal frames and may require additional coats for proper coverage.

High Performance Coatings

- A. Provide manufacturers' product data for interior coatings, including printed statement of VOC content and chemical components
- B. Requirements of coating systems for high humidity areas differ from normal-conditioned spaces.
- C. Applicator Qualifications: A firm or individual experienced in applying paints and coatings similar in material, design, and extent to those indicated for this Project, whose work has resulted in applications with a record of successful in-service performance.

- D. Manufacturers: Subject to compliance with requirements, Basis of Design: Benjamin Moore & Co., Duron, Inc., or Sherwin-Williams Company
- E. This section provides product selections to serve as the project standard; when a product of a manufacturer listed above is not included, provide a product equal or exceeding technical capabilities of product specified.

Solid Polymer Toilet Partitions

- A. Toilet Enclosures: Overhead braced, HDPE (high density polyethylene) or PP (polypropylene) solid plastic panels, not less than 1 inch thick, seamless, with eased edges, and with homogenous color and pattern throughout thickness of material, thief-proof screws, heavy duty hardware, continuous U-channel mounting brackets, suitable fasteners for durable mounting.
- B. Urinal Screens: Floor anchored, HDPE (high density polyethylene) or PP (polypropylene) solid plastic panels, not less than 1 inch thick, seamless, with eased edges, and with homogenous color and pattern throughout thickness of material.
- C. Basis of Design: Bobrick
- D. Color and Pattern: One color and pattern in each room as selected by Architect from manufacturer's standard range of colors and patterns.

Louvers

- A. Prefinished AAMA 2605 fluorocarbon coating ("Kynar") extruded aluminum fixed louvers at exterior of Mechanical Room. Storm proof blade with 1/2" bird screen. Construction Specialties RS-5300 design standard.

Horizontal Louver Blinds

- A. Provide 1" wide horizontal louver blinds complying with WCSC A 100.1 with Ionized Coating: Antistatic, dust-repellent, baked polyester finish.
- B. Source Limitations: Obtain horizontal louver blinds through one source from a single manufacturer.
- C. Fire-Test-Response Characteristics: Provide horizontal louver blinds with the fire-test-response characteristics, as determined by testing identical products per test method by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Flame-Resistance Ratings: Passes NFPA 701.
- D. Manufacturers: Hunter Douglas, Levolor, Springs Window Fashions
- E. Blinds: Horizontal slat louvers hung from full-width headrail with full-width bottom rail; light-blocking lower back lip, Tilt Limiter with preselected degree settings.
- F. Metal Slats: 1" spring tempered pre-finished aluminum; radiused slat corners, with manufacturing burrs removed. Thickness: 0.008 inch. Color: As selected.
- G. Slat Support: Woven polypropylene cord, ladder configuration.

Door Hardware

- A. Provided for level of quality. Owner will provide additional information concerning acceptable manufacturers and cores to work within standard Owner requirements during design.
- B. Single Source Responsibility: Obtain each type of hardware (latches and locksets; hinges; closers; etc.) from a single manufacturer. Provide electrified door hardware from same manufacturer as mechanical door hardware, unless otherwise indicated.
- C. Provide Architectural Hardware Consultant with following qualifications: A person who is experienced in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this Project and who is currently certified by DHI as follows: For door hardware, an Architectural Hardware Consultant (AHC).
- D. Installer Qualifications: Supplier of products and an employer of workers trained and approved by product manufacturers and an Architectural Hardware Consultant who is available during

the course of the Work to consult with Contractor, Architect, and Owner about door hardware and keying.

- E. Keying Schedule: Prepared by Architectural Hardware Consultant under the supervision of Installer, detailing Owner's final keying instructions for locks.
- F. Fire-Rated Door Assemblies: Where fire-rated door assemblies are indicated, provide door hardware rated for use in assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C, unless otherwise indicated.
- G. Smoke- and Draft-Control Door Assemblies: Where smoke- and draft-control door assemblies are required, provide door hardware that meets requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.
- H. Air Leakage Rate: Maximum air leakage of 0.3 cfm/sq. ft. at the tested pressure differential of 0.3-inch wg of water. Electrified Door Hardware: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction.
- I. Means of Egress Doors: Latches do not require more than 15 lbf to release the latch. Locks do not require use of a key, tool, or special knowledge for operation.
- J. Accessibility for Disabled Persons: Special hardware requirements for knurling, slow acting closers or other barrier free opening requirements shall be provided as indicated in the Schedule of Groups and as required to comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)". For door hardware on doors in an accessible route, comply with ICC/ANSI A117.1.
- K. Warranty Period: Three years from date of Substantial Completion, unless otherwise indicated.
- L. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Hager Companies.
 - b. McKinney Products Company; an ASSA ABLOY Group company.
 - c. Stanley Commercial Hardware; Div. of The Stanley Works.
 - d. Sargent Manufacturing Company; an ASSA ABLOY Group company.
 - e. LCN Closers; an Ingersoll-Rand company.
 - f. Norton Door Controls; an ASSA ABLOY Group company.
 - g. Rixson Specialty Door Controls; an ASSA ABLOY Group company. Rockwood Manufacturing Company.
 - h. Ives
 - i. Trimco.
- M. Base Metals: Produce hardware units of basic metal and forming method indicated, using manufacturers standard metal alloy composition, temper and hardness, but in no case of lesser quality than specified or inferred by use of a particular manufacturer's number, style or grade or as established by appropriate referenced specification listed herein.
- N. Finishes: Finishes shall conform to the quality of finish including thickness of plating or coating (if any), composition, hardness and other qualities complying with manufacturer's standards, but in no case less than the standards established by ANSI/BHMA A156.18 or Federal Specifications FF-H-111 C as applicable.

Toilet Accessories (Basis of Design)

- A. All items of each type to be made by the same manufacturer. Basis of Design: Bobrick Washroom Equipment, Inc. Stainless steel, No. 4 finish (satin). Other acceptable manufacturers include American Specialties and Bradley Corporation.
 - a. Toilet Tissue (Roll) Dispenser: Basis-of-Design Product: Bobrick B-6867.60
 - b. Paper Towel (Roll) Dispenser: Basis-of-Design Product: Kimberly-Clark Professional Towel Dispensers Model #09765, In-Sight Lev-R-Matic Roll Towel Dispenser, Smoke. Fits 8" x 800' paper towel rolls

- c. Liquid-Soap Dispenser: Basis-of-Design Product: Bobrick B-2111
- d. Mirror Unit: Basis-of-Design Product: Bobrick B-166; framed tempered glass mirror. Frame: Stainless-steel angle, 0.05 inch thick. 8" X 36"
- e. Grab Bar includes 18", 36" 42" length for toilet, Basis-of-Design Product: B-6806-Series
- B. Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation. Grind welded joints smooth. Fabricate units made of metal sheet of seamless sheets, with flat surfaces.
- C. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
- D. Keys: Provide 2 keys for each accessory to Owner; master key all lockable accessories.
- E. Stainless Steel Sheet: ASTM A 666, Type 304, 0.0312-inch minimum nominal thickness
- F. Steel Sheet: ASTM A 1008/A 1008M, Designation CS (cold rolled, commercial steel), 0.0359-inch minimum nominal thickness.
- G. Galvanized Steel Sheet: ASTM A 653/A 653M, with G60 hot-dip zinc coating.
- H. Galvanized Steel Mounting Devices: ASTM A 153/A 153M, hot-dip galvanized after fabrication.
- I. Stainless Steel Tubing: ASTM A 269, Type 304 or 316.
- J. Mirrors: ASTM C 1503, Mirror Glazing Quality, clear-glass mirrors, nominal 6.0 mm thick. 15-year warranty.
- K. Fasteners: Screws, bolts, and other devices of same material as accessory unit and tamper and- theft resistant where exposed, and of galvanized steel where concealed.
- L. Chrome Plating: ASTM B 456, Service Condition Number SC 2 (moderate service).
- M. ABS Plastic: Acrylonitrile-butadiene-styrene resin formulation.

Utility Room Accessories

- A. All items of each type to be made by the same manufacturer. Basis of Design: Bobrick Washroom Equipment, Inc., American Specialties and Bradley Corporation.
- B. Mop and Broom Holder: Basis-of-Design Product: Bobrick B-223 Stainless Steel #4 Finish. Four, spring-loaded, rubber hat, cam type, 36 inches.

Plumbing Fixtures

- A. Product Data: For each type of plumbing fixture indicated. Include selected fixture and trim, fittings, accessories, appliances, appurtenances, equipment, and supports. Indicate materials and finishes, dimensions, construction details, and flow-control rates.
- B. Provide Product Data and Documentation indicating flow and water consumption requirements.
- C. Provide Operation and Maintenance Data: For plumbing fixtures to include in emergency, operation, and maintenance manuals.
- D. Manufacturers: Subject to compliance with heights for handicapped/elderly, according to ICC/ANSI A 117 .1:
 1. Commercial Water Closets: Accessible wall-mounted, top spud. Bowl Standards: ASME A 112.19.2/CSA 845.1 and ASME A 112.19.5. Material: Vitreous china.
 2. Commercial Urinals: Wall hung, back outlet, washout, accessible. Standards: ASMEA112.19.2/CSA B45.1 andASMEA112.19.5. Material: Vitreous china.
 3. Commercial Lavatories: Ledge back, vitreous china, wall mounted. Fixture: Standard: ASME A 112.19.2/CSA B45.1. Nominal Size: Oval, 22 by 14 inches.
 4. Lavatory Faucets: NSF Standard: Comply with NSF/ANSI 61, "Drinking Water System Components – Health Effects," for faucet materials that will be in contact with potable water. Lavatory Faucets: Manual-type, two-handle mixing, solid-brass valve. Standard: ASME A112.18.1/CSA B125.1. General: Include hot- and cold-water indicators; coordinate faucet inlets with supplies and fixture hole punchings; coordinate outlet with spout and fixture receptor. Body Material: Commercial, solid brass. Finish: Polished chrome plate. Mounting Type: Deck, exposed. Valve Handle(s): Wrist blade, 4 inches

5. Commercial Sinks: Classroom Sinks Stainless Steel 24"x24"x10". Include water fountain bubbler.
6. Sink Faucets: General: Chrome-plated with vacuum breaker, integral stops, adjustable wall brace, pail hook and ~" hose thread on spout. Valves contain renewable hub, renewable seats, swivel discs, encased washers and brass washer screws. Include hot- and cold-water indicators; coordinate outlet with spout and sink receptor. Body Type: 8-inch, center to center. Body Material: Commercial, solid red brass allow casting-rough finish. Finish: Chrome plating exceeding requirements of ANSI/ASTM B-456-71. Handle(s): Cross, four arm.
7. Service Basins: Plastic, floor mounted. Fixture: Material: Molded high density composite. Nominal Size: 24 by 24 by 10 inches
8. Pressure Water Coolers: Wall mounted, wheelchair accessible. Bi-level with two attached cabinets, vinyl-covered steel with stainless-steel top. Cooler Water: 5 gph. Filter: One or more water filters complying with NSF 42 and NSF 53 for cyst and lead reduction to below EPA standards; with capacity sized for unit peak flow rate. Cooling System: Electric, with hermetically sealed compressor, cooling coil, air-cooled condensing unit, corrosion-resistant tubing, refrigerant, corrosion-resistant-metal storage tank, and adjustable thermostat.

Interior Lighting

- A. Information provided as a Basis of Design: Eaton's Cooper Lighting, Elite Lighting, Star Fire Lighting, Beghelli Lighting, Luce Lighting, Lusio Lighting, Dongbu Lighting. Actual Fixtures to be determined during design.
- B. Testing Agency: Engage a qualified testing agency to evaluate lighting control devices and perform tests and inspections to ensure lighting complies with IESNA LM-79 and LM-80 standards. Project will require: (Note: Lighting Controls, provide as a Basis of Design: Easton Cooper Lighting Controls, Lehgh Controls and/or ILC Lighting Controls)
 - a. Lighting Control Panel with digital switch with time schedules to be set. Product to comply with all minimum standards.
 - b. Daylight harvesting switch controls
 - c. Daylight harvesting dimmer controls
 - d. Indoor occupancy sensors
 - e. Ceiling mounted occupancy sensors
 - f. High-bay occupancy sensors
 - g. Outdoor photoelectric switches
- C. Luminaire Photometric Data Testing Laboratory Qualifications: Provided by manufacturers' laboratories that are accredited under the National Volunteer Laboratory Accreditation Program for Energy Efficient Lighting Products.
- D. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- E. Comply with NFPA 70.
- F. FM Global Compliance: Lighting fixtures for hazardous locations shall be listed and labeled for indicated class and division of hazard by FM Global.
- G. Recessed Fixtures: Comply with NEMA LE 4 for ceiling compatibility for recessed fixtures.
- H. 2 x 2 and/or 2 x 4 fixtures providing direct/indirect lighting. No parabolic or acrylic lenses, except in custodial areas or storage rooms.
- I. No Incandescent Fixtures.
- J. No Fluorescent Fixtures.
- K. No HID Fixtures.
- L. Exit signs: Comply with UL 924; for sign colors, visibility, luminance, and lettering size, comply with authorities having jurisdiction. Ensure exit signs are illuminated with LED's.
- M. All fixtures to have minimum 5-year manufacturer's warranty.

SPECIFICATIONS STANDARDS

1 - GENERAL REQUIREMENTS

1. General Note: Specify maximum recycled content in materials as well as selecting manufactures whose products are extracted and manufactured within 500 miles of project.

2 - EXISTING CONDITIONS

1. TBD

3 - CONCRETE

1. Site concrete: 4,000 psi minimum, 2-4 inch slump, 5 ½ to 7% entrained air.
2. Do not use film forming curing agents on any slab which will receive another finish material.
3. Slabs on grade to have moisture control added either introduced into the concrete such as Barrier 1, or applied moisture block. Slabs on grade base detail to avoid moisture problems.

4 - MASONRY

1. Exterior decorative concrete block shall be manufactured with WR Grace DryBlock or equal water repellent admixture
2. Cavity insulation shall be extruded polystyrene or sprayed closed cell foam
3. Cavity wall drainage systems shall include Mortar Net drainage material to prevent blockage of weeps
4. Anti- Graffiti coating on reachable areas (up to 9 foot height +/-) minimum on both building exterior and site walls. If area can be reached from a low roof apply coating to 9 feet above roof line. Do not use "parafin / waxy" type that prevents moisture to evaporate.
5. It is recommended to utilize sound absorbing CMU starting at 10' A.F.F. up to roof deck in Gymnasium.
6. Walls in public areas (corridors, toilet rooms, etc.) shall be CMU

5 - METALS.

1. All loose lintels at exterior or damp environment areas shall be hot dipped galvanized, not painted
2. Exterior guard and hand rails and ladders shall be hot dipped galvanized, not painted, no color galvanized, smooth – no burrs
3. Provide Acoustic deck at exposed ceilings in public spaces (gym etc.)
4. Height of Guard Railing systems at Stairs and raised balcony (open to floor below) to be a minimum 12" higher than code (or as required). Applies to site retaining walls if height between high and low is more than 10'.

6 - WOODS AND PLASTICS

1. Substrate for countertops containing sinks shall be ¾" B-C exterior grade or marine plywood, particleboard not acceptable

7- THERMAL AND MOISTURE PROTECTION

1. Insulation values throughout shall exceed code minimums.
2. Firestopping systems: Utilize products of one manufacturer throughout the project to the greatest extent possible for consistency of system design and application.

3. Latex acoustical caulk at interior wall, floor and ceiling joints and as specified. Mildew resistant silicone at all plumbing fixtures. Interior sealants VOC content must comply with LEED, exterior sealants must comply with DEP.
4. Design roofing details to ensure safety for maintenance (no equipment within 10', safety railing, parapets, etc.).

8 - DOORS, WINDOWS AND GLASS (OPENINGS)

1. Sidelights etc. 14 gage, prime or galvanize as location dictates. Classroom locations are discouraged, verify with security. If borrowed light is necessary transom lites are preferred.
2. Vision lites in all classroom doors (4" x 25")
3. Vision panels at non-rated doors secured with wood stops
4. Vision panels at rated doors shall be in metal frames
5. Exterior glass & glazing to comply with the latest energy standards and 25 year warranty. A composite window assembly of glass and poly carbonate that meets energy efficiency and security is to be included as an alternate bid.
6. Operable awning type exterior windows in Classrooms where occurring at exterior walls.
7. All operable windows to have limit devices to meet code.
8. Insect screen only at locations required by code. **(verify with user / FCCPS and Building & Grounds)**

9 - FINISHES

1. Patching compound for use beneath resilient floorcoverings: Portland cement based trowel grade or self-leveling compounds; Ardex or approved equal. Use gypsum based materials only beneath carpet when approved. **Special attention shall be given to mitigate potential flooring failures due to moisture.**
2. Rubber coved base: 4" high Roppe or approved equal for use at carpeting or resilient surfacing.
3. Whenever Resin/Epoxy floors are installed at slab on grade areas a moisture block WILL be used, regardless of field moisture test results.
4. Interior paint: Epoxy paint finish on CMU walls, including Kitchen, **stairwells, corridors, toilets.** Water based epoxy system at corridors, semi-gloss finish latex enamel at non-corridor drywall and block surfaces. Option for epoxy system throughout. Use only ALKYD based paint on metalwork (door frames, railings, etc.) as allowed by LEED.
5. Kitchen flooring: Quarry tile floor in Kitchen & Seryery. Base 6" coved to match floor. Provide QT in walk-in boxes.
6. Toilet room floors: All toilet rooms and Locker rooms are to be CT floors and CT or epoxy paint finish on CMU walls. Toilet room floors shall have epoxy grout.
7. Acoustical ceiling systems: Humidity resistant Fine Fissured tiles typical, abuse resistant tiles in potential vandalism areas. **Ceilings should be a minimum 9'-0" AFF, 10'-0" is preferred.** Acoustical ceiling panels to be Armstrong 755 (per FCCPS reqs) or equivalent to meet acoustical requirements. In student toilet rooms GWB ceilings are preferred. Use heavy duty standard grid, not fine line.
8. Fiber reinforced gypsum wall board systems: Use steel stud and abuse resistant USG Fiberbond wallboard (high impact) in low abuse areas as an alternative to concrete block construction (office separation partitions etc.)
9. VCT flooring shall have at least 3 coats of Floor finish (Time Saver by Johnson) prior to owner acceptance.

10 - SPECIALTIES

1. Toilet partitions: Use stainless steel (diamond or dimpled finish), floor mounted, overhead braced, with stainless steel hardware. No die cast hardware permitted. All hardware to be vandal resistant

2. Toilet accessories: All fixed position grab bars to have concealed mounting (item numbers to be determined). Hand dryers Xcelator shall be used in all group toilet rooms as long as backing plate is not plastic, but more durable.
3. Marker boards: Porcelain on steel with aluminum framing, chalk rail, tack strip, flag holder and map hooks, 50 year surface warrantee. White boards to be on each side of the smart board w/ minimum 4' tack boards at ends.
4. Tack boards: Vinyl wallcovering surface over cork over backer board with aluminum framing.
5. Equipment screens shall be provided when required for roof top equipment (height to equal equipment height). Black vinyl chain link enclosure with slats at gas meter and dumpster areas (8' high). All mechanical "farm" areas to be fenced, 2' higher than equipment with black vinyl chain link with slats and have double 4' gates.
6. Signage to be **mechanically fastened**. No applied letters. Include brail.
7. Lockers to be (15"D x 12"W x 60"H) (12"D x 12"W (minimum) x 60"H) with sloping tops, **welded frames (preferred)**. Lockers in corridors will be utilized and designed for 30 per classroom. Verify if built in or separate combo locks are required for corridor, gym to use padlocks not integral locks
8. Operable panel partition to be hard surface in Gymnasium. To have hard partition above operable partition. Electric operated with infrared eyes. Divider curtains may be acceptable if approved.
9. Curtain and track shall be supplied in nurse's exam room around cot.
10. Coordinate HC grab bars with flush valves and toilet tissue dispensers.
11. Provide dedication plaque **and (1) flag pole (not multiple)**.
12. Provide a Knox Box to be located next to main entrance at a height approved by Fire Marshal. Coordinate keying with Fire Marshal.
13. Provide impact resistant corner guards at all gyp. Bd. Wall corners; especially at high traffic areas.

11 - EQUIPMENT

1. Fume hoods – Located in designated Prep/ Science /Lab Classrooms with services as required.
2. Kiln – One, to be interlocked with exhaust hood and fan, with temperature cool down enclosed in separate space.
3. Verify requirements for fire blankets, goggle cabinets and extinguisher in science and prep rooms.

12 - FURNISHINGS

1. Privacy shades or blinds shall be installed in staff dining, offices and conference room interior windows.
2. Special attention shall be given to mounting heights for Smart Boards and White Boards located behind fixed Science demonstration tables. Bottom height should be same as table top height (not lower).
3. Verify and coordinate MEP requirements with FF&E.
4. Verify power and space requirements for vending machines.

13 - SPECIAL CONSTRUCTION

1. TBD

14 - CONVEYING SYSTEMS

1. Pre-engineered packaged hydraulic elevator: Package as provided by one manufacturer, minimum 2500 lb. Capacity meeting ADA dimensions and characteristics. 100 FPM minimum travel speed, hole less hydraulic operation with lift pistons within the shaft and pit. Provide proximity type limit switches on doors, fire department recall and override and auto dialing hands free emergency phone. With VA & district approval, access will be controlled using proxy cards, not key switching. Not to be on emergency generator, unless required by code. Emergency monitoring to be determined, with UTD key cylinders to be installed as FC system standard. Coordinate elevator cab size with FCCPS maintenance equipment.

21 - FIRE PROTECTION

1. Provide flex head connections to sprinkler heads if/as allowed by Fire Marshal (AHJ).
2. Each wet sprinkler system riser shall be provided with the low pressure alarm and flow switch after the main valve and not on the City connection side. Each dry system riser shall be provided with no air alarm, low air supervisory and flow switch after the valve.
3. Tamper and flow switches shall be provided for each section/zone but not the low pressure switches (LPS only on the risers). A test drain is required for each section.
4. Each floor to have sprinkler valves for floor separation/zoning independent of other floors. Fire department hose valve connections will be located at the intermediate landings per code.
5. Provide for separation of domestic water service and fire service per the AHJ(s).
6. Manual stand pipes will be provided in stairwells. No roof mounted fire hose valves are required.
7. Semi recessed sprinkler heads are typical. / Where ceiling height must be less than nine feet zero inches, use fully recessed sprinkler heads.

22- PLUMBING

1. Toilets shall be abuse resistant type, wall hung, with plastic seat.
2. Lavatories shall be abuse resistant type. All plumbing fixtures shall be heavy duty style.
3. Faucets: Typical lavatories – shall have water efficient controls to meet LEED requirements. Hardwired low voltage no batteries (typical)
4. Wash fountains with infrared sensors faucets are acceptable, except in nurses' office and kitchen. Photovoltaic faucets are not desired. Toto self-powered faucets with turbine are acceptable.
5. Drinking fountains preferred vs water cooler units. All units shall be vandal resistant/reinforced type and shall be equipped with front access stainless steel panels for service 2' x 3' preferred. Drinking fountains shall be heavy duty "shoe box" style with multiple points of connection to the wall. Cantilevered bowl style unacceptable.
6. All toilet rooms will have floor drains with trap primers.
7. Hose bibs for maintenance are required in all bathrooms, single or multi user (cold water only).

8. Valve charts are required and will be located per FCCPS during training phase.
9. All valves up to 4" shall be ball valves
10. Valves over 6' high shall have chain operation
11. Science Classroom/Lab – Desks with gas, sink with water & electricity. Emergency shut off near entry door to be provided. Local acid neutralization shall be provided. Provide fixed faucets (not swivel - water can be spilled on table / floor) at science sinks.
12. Emergency gas shut off valves to be located in kitchen, boiler, science rooms, etc. and any area with gas appliances. Provide regulators where required.
13. Janitor mop sink – low floor sink with splash protection or epoxy painted CMU.
14. Outside hose bibs shall be 1 every 200' or as required by facility, freeze proof design

23 - MECHANICAL

1. All HVAC designs shall exceed baseline criteria for utility company conservation incentive programs while maintaining lifecycle cost viability. Systems shall maximize energy conservation points criteria for achieving LEED Silver Certification. Design shall comply with ADA requirements (sound). Interior design criteria; temperature settings – per latest Energy Code. The following is the order or importance in selection of the proper HVAC system: a) comfort and reliability, b) simplicity and efficiency, c) maintenance.
2. Perimeter heat shall be utilized. Use of radiant ceiling panels as long as they are accessible is acceptable. Radiation is acceptable as well.
3. If VAV system is selected, the VAVs should be tied to space occupancy sensor for activation/deactivation of the unit and adjusting space requirements based on occupancy. Each classroom will have a dedicated VAV. All inside normally occupied rooms will have VAV units and exterior rooms may share one VAV where applicable. One thermostat per VAV is acceptable, no need to have a thermostat in each room.
4. All rooms must have temp sensors, occupancy or motion
5. Minimize filters in classrooms, if possible, to avoid disruption for service
6. All motors to be high efficiency – specs as provided by utility company incentives program.
7. Fuel shall be natural gas only (dual fuel is not required).
8. Chillers shall be air cooled Screw compressor type. Engineer shall present highest efficiency type available for rated capacity for review by Owner. York, McQuay, Carrier or approved equal.
9. All valves 2" dia and smaller shall be full port ball valves.
10. Air handling units shall be by York, McQuay, Carrier or approved equal.
11. Trunk duct and return grille face velocities shall not exceed ANSI standards.
12. Indoor air quality shall be maintained through appropriate design first, adequate ventilation second. Utilize CO2 sensors for regulation of fresh air in spaces of intermittent occupancy such as gymnasium, auditorium, and cafeteria.
13. Air to air heat exchangers and possibly enthalpy exchange wheels shall be employed where possible.
14. DDC Building Management Systems: Acceptable manufacturers are ASI or alternative

system integrated with other school systems. System shall be BAC Net compliant, web based. Monitoring of security, fire alarm, water and electric meters, and lighting controls is generally NOT required.

15. Piping- 2" and smaller to be copper, welded black iron (steel) for larger pipe preferred. If larger piping is to be joined with Victaulic couplings, then copper is preferred.
16. Valve charts are required and the final locations to be coordinated during the training phase
17. All equipment requiring filter changes or other regular maintenance should not be located in classroom and always be easily accessible.
18. 4 pipe systems shall be used where heating/cooling is water based.
19. DX units 5 tons or less shall be used for MDF, IDF, elevator machine rooms etc.
20. Bar sensors across coils shall be used in place of standards sensors (where applicable).
21. Identification markings shall be provided for all VAV locations, pumps, valves, etc. The grid ceiling shall be marked and access panels provided where devices are located. Color Code using ASHRAE standards
22. Glycol will be utilized in the chilled water and hot water system in lieu of freeze pumps. In systems where glycol is used, measure the % of glycol.
23. Preference will be given for Variable Refrigerent Flow Systems.

26 - ELECTRICAL

1. Electrical switchgear and distribution shall be of one manufacturer. General Electric, Cutler-Hammer, Square D or Siemens.
2. Fire alarm systems: Edwards, Notifier as approved. Fully addressable system with 20 percent expansion capability (minimum). System to include smoke detectors per code, duct detection, manual pull stations, etc. Coordinate locations of pull stations with Fire Marshal. All pull stations to have siren equipped alarm covers.
3. Atomic Clock System.
4. Intercom Systems at main entrance with master station at reception desk
5. Private intercom to be provided at loading dock for Kitchen deliveries to main office, identified as such
6. Lighting: Typical classroom lighting to include interior/window wall zone switching.
7. Provide motion sensor controls. Use daylight sensors where possible
8. Lighting in stairwells should be easily accessible and mounted on walls.
9. Exit lighting to be L.E.D. fixtures. Mounted Exit signs should not be located too high, i.e. on 17' ceiling. Do not mount fixtures on Acoustical tile ceilings.
10. Natural Gas emergency generator required and sized to handle all emergency power requirements including heat to prevent building freeze up, life safety systems, telephone and public address system, telecommunications equipment, security equipment, data closet AC, BMS. Kitchen coolers and freezers, heath refrigerator, and science refrigerators. Generators do NOT need to include load banks.
11. Emergency and exit lighting powered through a backup generator system provide relays to permit night time lights to be turned off.

27 – COMMUNICATIONS / TECHNOLOGY

1. TBD

28 - ELECTRONIC SAFETY AND SECURITY

1. TBD

31 - EARTHWORK

1. TBD

32 - EXTERIOR IMPROVEMENTS

1. TBD

33-UTILITIES

1. TBD

MARY ELLEN HENDERSON MIDDLE SCHOOL PROGRAM

July 30, 2015

RFP NO. 0730-15GMHS-PPEA - APPENDIX C - ATTACHMENT 4

DEPARTMENT	PROGRAM SPACE	EXISTING			ADDITIONAL SPACES		
		ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET

CORE TEAM CLASSROOMS

Sixth Grade Classrooms	800	8	6400	800	4	3200
Seventh Grade Classrooms	800	8	6400	800	4	3200
Eighth Grade Classrooms	800	8	6400	800	4	3200
Classrooms (Former Info Tech)	1000	3	3000			
Science Classrooms	1000	6	6000			
STEAM Classrooms				1100	3	3300
Science Prep / Storage	250	3	750			
Teacher Work Room	550	3	1650			
Multi-Purpose Classroom	700	1	700			
General Use Room	400	1	400			
SUBTOTAL CLASSROOMS			31700	12900		

INTER-DISCIPLINARY COMMONS

Media Center	4000	1	4000			
Office	117	1	117			
Librarian Aide's Office	100	1	100			
Workroom	290	1	290			
Maker Space	750	1	750			
AV Storage	700	1	700			
Library Computer Server	166	1	166			
SUBTOTAL INTER-DISCIPLINARY COMMONS			6123	0		

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DEPARTMENT	PROGRAM SPACE	EXISTING			ADDITIONAL SPACES		
		ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
FINE AND PERFORMING ARTS							
VISUAL ARTS							
	Art Lab	800	1	800			
	Art Storage	140	1	140			
	Kiln Room	100	1	100			
	SUBTOTAL VISUAL ARTS			1040			0
AUDITORIUM / PERFORMANCE							
	Stage and Support Areas	2000	1	2000			
	Performing Arts Classroom	1000	1	1000			
	Multi-Purpose Vocal/Dance	1000	1	1000			
	Video Lab	200	1	200			
	Audio Lab	100	1	100			
	Media Production	400	1	400			
	SUBTOTAL AUDITORIUM / PER			4700			0
PERFORMING ARTS							
	Band / Orchestra	1600	1	1600			
	Instrument Storage	220	1	220			
	Practice Rooms	150	1	150			
	Music Library	200	1	200			
	SUBTOTAL PERFORMING ART			2170			0
SUBTOTAL FINE AND PERFORMING ARTS				7910			0

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		EXISTING			ADDITIONAL SPACES		
DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
CAREER AND TECHNOLOGY EDUCATION DEPARTMENT							
	Technology R&D Lab	1000	1	1000			
	Tech Lab Finishing Room	140	1	140			
	Tech Lab Storage	140	1	140			
	Modular Tech Lab - Machine	1000	1	1000			
	Materials Storage	250	1	250			
	Industrial Tech Office	120	1	120			
	STEAM Classrooms (Former Health)	800	2	1600			
	Family & Consumer Science	1600	1	1600			
	Family & Consumer Office	320	1	320			
	Family & Consumer Storage	70	1	70			
SUBTOTAL CAREER AND TECHNOLOGY				6240	0		

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DEPARTMENT	PROGRAM SPACE	EXISTING			ADDITIONAL SPACES		
		ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
PHYSICAL EDUCATION							
GYMNASIUM							
	Gymnasium	10000	1	10000			
	Gym Storage Room	300	2	600			
	Auxiliary Gym	2000	1	2000			
	Auxiliary Gym Storage	400	1	400			
	Fitness Center	800	1	800			
	Boys Locker Room	2500	1	2500			
	Girls Locker Room	2500	1	2500			
	Gym Storage Room	200	1	200			
	Outdoor Storage	400	1	400			
	SUBTOTAL GYMNASIUM			19400			0
GYM OFFICES							
	Gym Offices	150	2	300			
	Gym Teacher Shower / Toilet	100	2	200			
	SUBTOTAL GYM OFFICES			500			0
GYM SUPPORT SPACES							
	Laundry Room	200	1	200			
	SUBTOTAL GYM SUPPORT SP			200			0
SUBTOTAL PHYSICAL EDUCATION				20100			0

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DEPARTMENT	PROGRAM SPACE	EXISTING			ADDITIONAL SPACES		
		ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET

SPECIAL EDUCATION

Special Ed & Instructional	400	3	1200
Resource Classroom	800	2	1600
Life Skills	400	2	800
ESL Classroom	800	1	800
Instructional Support	800	1	800
Instructional Support	400	1	400
Reading Classroom	800	1	800
Testing Room	100	1	100
Speech Language	200	2	400
OT/PT	200	1	200
GT Office	120	1	120

SUBTOTAL SPECIAL EDUCATION 7220

0

HEALTH SERVICES

Health Unit - Waiting	100	1	100
Health Unit - Exam	120	1	120
Health Unit - Rest	200	1	200
Health Toilet	45	1	45

SUBTOTAL HEALTH SERVICES 465

0

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		EXISTING			ADDITIONAL SPACES		
DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
FOOD SERVICE							
	Cafetorium	4200	1	4200			
	Serving	860	1	860			
	Kitchen	1044	1	1044			
	Kitchen Office	150	1	150			
	Walk-in Refrigerator	150	1	150			
	Walk-in Freezer	150	1	150			
	Dry Storage	350	1	350			
	Chair / Table Storage	800	1	800			
	Staff Toilet	45	1	45			
SUBTOTAL FOOD SERVICE				7749	0		

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DEPARTMENT	PROGRAM SPACE	EXISTING			ADDITIONAL SPACES		
		ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
ADMINISTRATION / SAFETY / BUILDING SERVICES							
ADMINISTRATION							
	Reception / Clerical	1000	1	1000			
	Principal	300	1	300			
	Assistant Principal	200	1	200			
	Large Conference Room	250	1	250			
	Small Conference Room	150	1	150			
	Consulting Offices	155	2	310			
	Counseling Records	250	1	250			
	Supply / Storage	130	1	130			
	Finance Office	100	1	100			
	Duplication / Production	100	1	100			
	Vault	50	1	50			
	General Office Toilet	45	2	90			
	Office	100	1	100			
	Office	200	1	200			
	Instructional Tech	150	1	150			
	Work Room	300	1	300			
	Office	150	1	150			
	Workroom	350	1	350			
	Staff Lounge	350	1	350			
	Staff Toilet	45	2	90			
	SUBTOTAL ADMINISTRATION			4620			0
BUILDING SERVICES / MAINTENANCE							
	Custodial Equipment Storage	300	1	300			
	Custodial Supplies	250	1	250			
	SUBTOTAL BUILDING SERVICES			550			0
SUBTOTAL ADMINISTRATION / SAFETY / BUILDING				5170	0		
TOTAL PROGRAM SPACE				92677	12900		

MARY ELLEN HENDERSON MIDDLE SCHOOL PROGRAM

July 30, 2015

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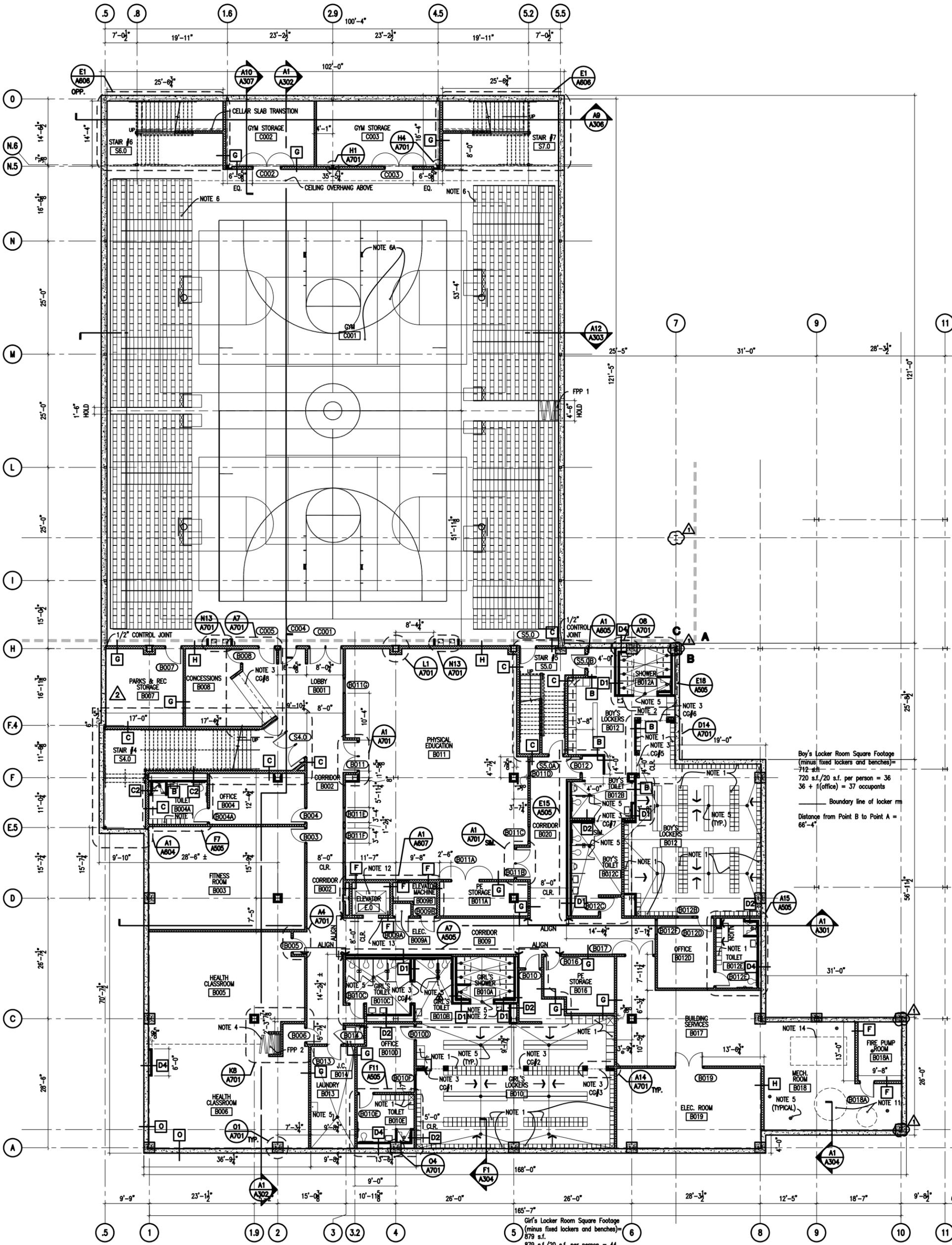
		EXISTING			ADDITIONAL SPACES		
DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
SUPPORT SPACES AND CIRCULATION							
	Mechanical Room						
	Electrical Room						
	Electrical Closets						
	Communication Closets						
	Sprinkler Room						
	Elevators						
	Stairs						
	Corridors						
	Non-Programed Space		41%	38184		30%	3870
SUBTOTAL SUPPORT SPACES AND CIRCULATION				38184			3870
GRAND TOTAL				130861			16770

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APPENDIX C – ATTACHMENT 5

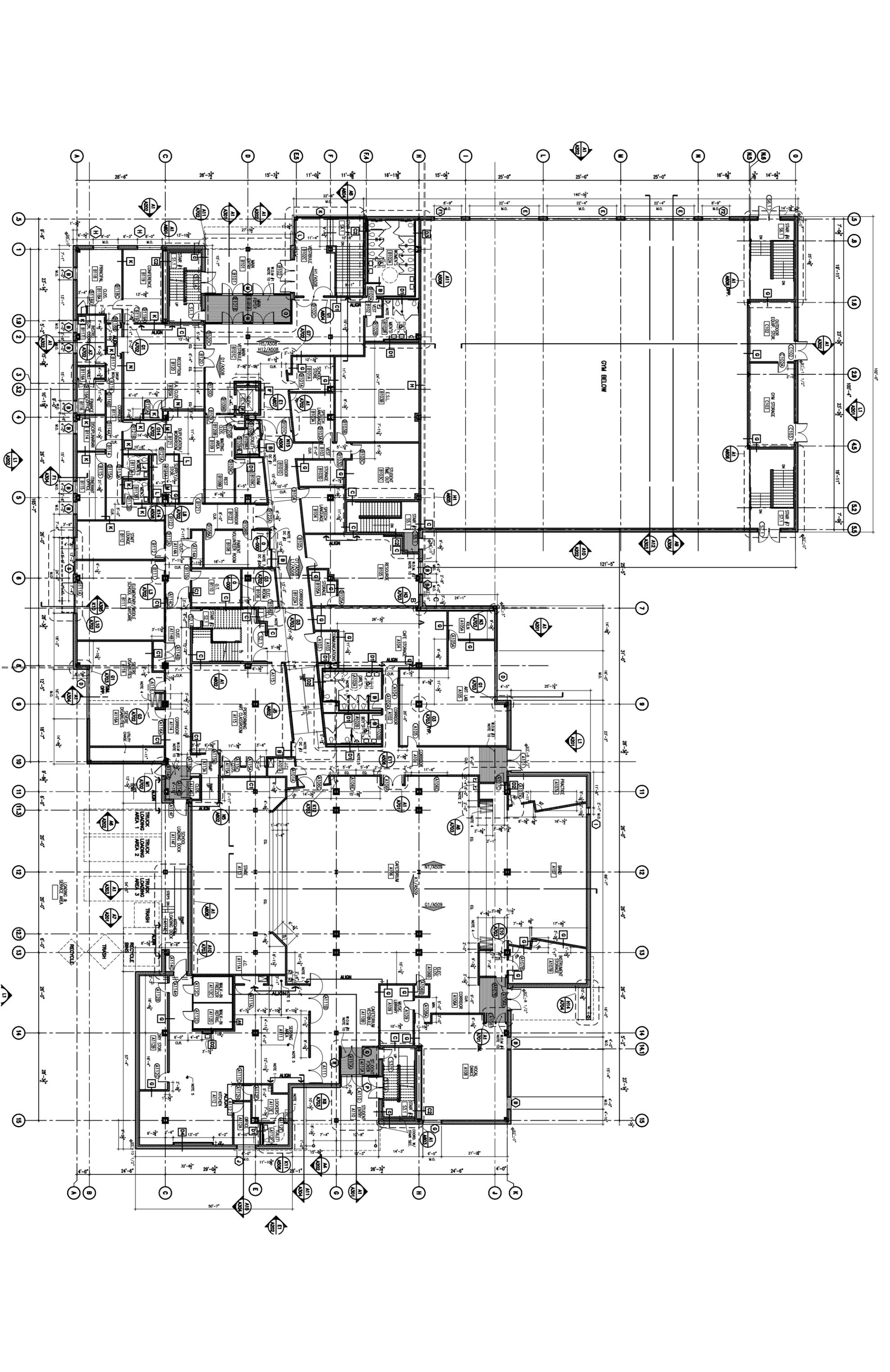
The following are the floor plans for the existing Mary Ellen Henderson Elementary School.

- Cellar Floor Plan
- First Floor Plan
- Second Floor Plan
- Third Floor Plan



Boy's Locker Room Square Footage
 (minus fixed lockers and benches) =
 712 s.f.
 720 s.f./20 s.f. per person = 36
 36 + 1 (office) = 37 occupants
 Boundary line of locker rm
 Distance from Point B to Point A =
 66'-4"

Girl's Locker Room Square Footage
 (minus fixed lockers and benches) =
 879 s.f.
 879 s.f./20 s.f. per person = 44
 44 + 1 (office) = 45 occupants



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APPENDIX C - ATTACHMENT 6
EDUCATIONAL SPECIFICATION

FOR

REQUIREMENTS FOR GRADE 6-8 MIDDLE SCHOOL

MARY ELLEN HENDERSON MIDDLE SCHOOL

(1000 Student Capacity)

Falls Church City Public Schools
Falls Church, VA

FALLS CHURCH CITY PUBLIC SCHOOLS
EDUCATIONAL SPECIFICATIONS
MARY ELLEN HENDERSON MIDDLE SCHOOL

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PART I

SUMMARY OF SQUARE FOOTAGE
REQUIREMENTS FOR MIDDLE SCHOOL

SEE APPENDIX C – ATTACHMENT 4

PART II

SPACE SPECIFIC REQUIREMENTS

GENERAL

The school will be designed for 1000 student capacity.

Mary Ellen Henderson Middle School is currently organized with the classrooms of each grade grouped together with a central core space. The eighth grade is located on the second floor and the sixth & seventh grades on the third floor. Preference will be given to proposals that provide the addition classroom spaces grouped with the existing grade classroom spaces. Re-assignment of existing spaces is an option to facilitate the classroom grouping.

DEFINITIONS

Telecommunications Provide a complete Telecommunications System and Phone System with interface with the existing Middle School Telecommunications System (See Educational Specification for additional space requirements). Security Cameras will be terminated at Data Switches. Remote telecommunications closets shall be connected by fiber optic cable to the main telecommunications room. Provide at a minimum CAT6 cable for all data and phone connections. Every room shall have at least one data and phone outlet. Provide a wireless access point (**Cisco AIR CAP37021-A-K9**) at each classroom and additional wireless access points as needed for complete addition coverage. Provide 64" Interactive White Boards (**SMART Board Model SBM680**), projectors (**Epson Powerlite 99W Series**), and **Apple TV** at all classrooms and as specified in the Education Specification (include all necessary data and power requirements).

Due to the on-going rapid advancement in Technology, the cost of the specific Telecommunications Equipment noted above, including wireless access points, interactive white boards, projectors, and Apple TV will be included as an allowance. The allowance will be used to purchase the final Telecommunications Equipment as selected by the Owner.

Cable Television (CATV) Not required.

Intercom System Provide a complete Public Address intercom system that covers all addition interior spaces integrated with the existing Middle School intercom system. Intercom announcements shall be audible at all interior spaces. Call back switches shall be provided in all classrooms (See Education Specification).

Security CCTV Provide a complete security system and CCTV system that monitors the addition exterior and all interior addition entrances, corridors, stairs, and any areas that are remote or not directly supervised by school staff. Provide security cameras interfaced with the telecommunications system that will be monitored through the FCCPS main server. Provide interior cameras that monitor all addition entrances, building corridors, and stairs at each floor. Provide exterior cameras that monitor the entire addition exterior. The building security system shall provide motion detectors that monitor all addition entrances, building corridors, and building stairs at each floor. Integrate security system with the existing Middle School security system.

- Door Access System** Provide a complete card reader door access system integrated with the existing Middle School system. Card readers and electric locks shall be provided at all building entrances.
- Life Safety** Provide a complete Fire Alarm system per code requirements with interface with the existing Middle School Fire Alarm system. Provide electronic door holders for all stair and corridor doors. The addition will be fully covered by a Sprinkler System.
- HVAC Controls** Provide ASI HVAC Control System or alternate HVAC Control System and integrate with the school's existing Controls. HVAC Control System shall also be integrated with the High School Graphic Control system.
- Special Characteristics** All items listed under "Special Characteristics" are to be "In-Contract" unless noted otherwise.

CORE TEAM CLASSROOMS

SPACE NAME: SIXTH GRADE CLASSROOMS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching space for Sixth Grade.

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
Map Holder
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (12 ft.) with counter
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (24)
Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall / Projector ceiling outlet
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side of room, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom w/ Window Blinds**

CORE TEAM CLASSROOMS

SPACE NAME: SEVENTH GRADE CLASSROOMS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching space for Seventh Grade

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
Map Holder
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (12 ft.) with counter
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (24)
Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall / Projector ceiling outlet
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side of room, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom w/ Window Blinds**

CORE TEAM CLASSROOMS

SPACE NAME: EIGHTH GRADE CLASSROOMS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Teaching space for Eighth Grade.

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
Map Holder
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets (12 ft.) with counter
Teacher wardrobe 48"w x 72"h x 24"d with lock
36" x 120" bookcase under tackboard
- **By Owner** Desks (24)
Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall / Projector ceiling outlet
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side of room, wireless access point, interactive white board & projector provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom w/ Window Blinds**

CORE TEAM CLASSROOMS

SPACE NAME: STEAM CLASSROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Science, Technology, Engineering, Art & Math education space.

OCCUPANTS:

- **Staff** 1
- **Students** 24

SIZE AND LOCATION:

- **Size** 1100 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT: (Items listed below are per space)

- **In-Contract** 120" x 48" total length tackboard
192" x 48" total length whiteboard
64" Interactive whiteboard (smart technology w/ projector)
Flagholder on wall
Base and wall storage cabinets along two entire walls
Two deep double science room sinks with gooseneck faucet
Teacher wardrobe 48"w x 72"h x 24"d with lock
Laminated science acid resistant countertops
(6) Science room tables on casters (4 students each)
- **By Owner** Chairs (24)
(1) Teacher desk, chair, computer workstation
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-6" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
/ Projector ceiling outlet
- **Telecommunications** Data / Phone outlet at teachers desk and Data outlet at opposite side
of room, wireless access point, interactive white board & projector
provisions / Apple TV
- **Clock (Atomic)**
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide window approximately 240" x 60" per classroom w/ Window Blinds**
- **Provide 12' wide roll-up door to exterior classroom space (minimum 1000 SF)**
- **HVAC provisions for roll-up door considerations (isolate space)**

APPENDIX C - ATTACHMENT 7

LEVEL OF QUALITY AND GUIDE SPECIFICATIONS

for Mary Ellen Henderson Middle School

Information provided below is intended to set a minimum level of quality for the Mary Ellen Henderson Middle School Addition. It is not intended to be a listing of the final materials. The Owner desires the project to be constructed with quality materials and construction techniques that will provide longevity and ease of maintenance and lowest (or most reasonable) life cycle cost.

Building Structure & Exterior

The Mary Ellen Henderson Middle School Addition is to be composed of a non-combustible steel or concrete structure, concrete floor slab(s) on metal deck (Standard/Acoustical), roofing with high solar reflectance colors to meet high performance and LEED standards comprised of EPDM, TPO or PVC (Sarnafil or equal) materials, and masonry (veneer) exterior. Building foundations should anticipate the use of deep foundations to obtain adequate bearing capacity.

Building Interior

See attached Guide Specifications for minimum level for Interior Finishes and Fixtures. Materials indicated represent a Minimum Level of Quality or Basis of Design. Actual materials and colors will be selected during the design process. Additional items will be determined as the design progresses and as required in the Scope of Services. In general, Interior Finishes will be as follows:

CORE TEAM CLASSROOMS

Sixth Grade Classrooms

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET).
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Seventh Grade Classrooms

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET).
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

Eighth Grade Classrooms

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET).
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate (Wood Look) with Plastic Laminate Countertops or Wood Veneer with Plastic Laminate Countertops

STEAM Lab / Resource Area

Floor: Vinyl Composition Tile (VCT) or Vinyl Enhanced Tile (VET)
Wall Base: Vinyl
Walls: CMU – painted (One painted accent wall)
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Doors: Solid Wood Veneer / glass vision panel HM Frame / with lock
Cabinetry: Plastic Laminate with Plastic Laminate or Epoxy Resin Countertops / Wood Veneer with Epoxy Resin Countertops

Staff Toilet

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0" with accent course(s); CMU – paint - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels
Lighting: 2 x Architectural LED recessed fixtures
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Door: Solid Wood Veneer / HM Frame / with privacy lock

Boys Gang Toilets

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile
Walls: Ceramic Tile to 5'-0"; CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Door: Solid Wood Veneer / HM Frame / with lock
Partitions: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")

Girls Gang Toilets

Floor: Ceramic Tile with epoxy grout
Wall Base: Ceramic Tile

Walls: Ceramic Tile to 5'-0"; CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Lighting: Architectural LED recessed fixtures
Door: Solid Wood Veneer / HM Frame / with lock
Partitions: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")
Fixtures: See Below (Refer to "Specifications Standards" and "Additional Owner Notes")

Custodial Closets

Floor: Sealed concrete
Wall Base: None
Walls: CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels.
Lights: Architectural LED fixtures
Doors: Solid Wood Veneer / HM Frame / with lock

SUPPORT SPACES AND CIRCULATION

Electrical Closets

Floor: Sealed concrete
Wall Base: None
Walls: CMU – painted - epoxy
Ceiling: Paint exposed structure
Lights: Architectural LED fixtures
Doors: Hollow Metal / HM Frames / with lock

Communication Closets

Floor: Sealed concrete
Wall Base: None
Walls: CMU – painted - epoxy
Ceiling: Paint exposed structure
Lights: Architectural LED fixtures
Doors: Hollow Metal / HM Frames / with lock

Stairs (Enclosed)

Floor: VCT
Treads/Risers: Colored Concrete (Egress Stairs)
Wall Base: Rubber
Walls: CMU – painted - epoxy.
Handrails: Ornamental, painted steel (Stainless at marquis areas)
Ceiling: Painted gypsum wallboard or 2 x 2 Acoustical ceiling panels
Doors: To meet code / Electronic Door Holders

Corridors

Floor: VCT
Wall Base: Vinyl
Walls: CMU – painted - epoxy
Ceiling: 2 x 2 Acoustical ceiling panels and painted GPDW Soffits
Lighting: Architectural LED recessed fixtures
Doors: To meet code / Electronic Door Holders

Additional Owner Notes:

Plastic Laminate Cabinets and Countertops

- A. Perform cabinet construction in accordance with Architectural Woodwork Institute (AWI), "Architectural Quality Standards Illustrated." (www.awinet.org).
- B. Cabinets: Plastic Laminate-faced. Provide single source responsibility for all plastic laminate-faced casework. Submit evidence of at least five years of experience in successful manufacturing for installations of laminated-faced casework similar in size and scope to the work required for this project.
- C. Installation: Install casework under the supervision of the Manufacturer's authorized representative, using mechanics certified by the Manufacturer.
- D. Exterior cabinet surfaces (exposed finish): High pressure decorative laminate (HPDL), NEMA LD3-2005, General Purpose, VGS, .028" thick. Provide HPDL Manufacturer's full range of standard colors for selection. Exposed surfaces include the following:
 - a. Doors and drawer fronts (when closed)
 - b. Exterior cabinet ends
 - c. Bottoms of wall cabinets
 - d. Interiors of open cabinets (no doors)
- E. Semi-exposed surfaces: Pressure fused laminate; Melamine, resin-impregnated, 80 gram PSM minimum, complying with NEMA Standard LD3-2005, VGL standards and NEMA LD3-2000 CLS standards. Color: Colorfast "white," "gray," or "putty." Semi-exposed surfaces include the following:
 - a. Interior of all cabinet surfaces (cabinets with doors).
 - b. Tops of tall cabinets and wall cabinets.
- F. Countertops: High pressure decorative laminate, NEMA Standard LD3-2005, General Purpose, HGS .048" thick, solid color, horizontal grade. Provide HPDL Manufacturer's full range of standard colors for selection.
- G. Balancing sheet: White or neutral colored, .020" thick Cabinet Liner, NEMA CLS-20 for balanced construction.
- H. Cabinet Edging: High impact, solid, acid-resistant PVC, with homogenous color throughout; machined applied with hot melt adhesive. Minimum number of color selections: 27.
 - a. Doors and Drawers: 3 mm thick.
 - b. Cabinet body edging: 3 mm thick.
- I. Particle Board Core: minimum 47 lb. density; balanced construction with moisture content not to exceed 8%. Comply with ANSI A208.1 - 1993, type M-3 Industrial Grade.
- J. Fiberboard: Medium density, ANSI A208.2.
- K. Hardware:
 - a. Hinges: Five knuckle 270° swing, institutional type hinge; wrap around, tempered steel. Provide one pair per door to 48" in height, one and one-half pair per door over 48" high. Finish: Chrome
 - b. Pulls: Satin chrome, 4" wire pull
 - c. Drawer slides: Minimum 75 pound dynamic load rating, with adjuster cam to control side sway, and in-stop, out-stop and keeper to maintain 80% open position OR 100 pound dynamic load rating full-extension slides.
 - d. Catches: 6 pound magnetic catch for base and wall cabinet doors. Provide two catches at tall cabinets.
 - e. Elbow catches: Ives #2, A14 (chrome) or comparable.

- f. Shelf-supports: Adjustable type, twin pin design to prevent rotation and provided with anti-tip up shelf restraints. Load rating: 300 pounds per support. Support shall retard shelf slide-off. Shelf supports shall friction-fit into end panels and intermediate vertical dividers.
- g. Locks: Disc tumbler design; provide locks for all drawers and doors. All locks shall have metal strike/receiver. All locks shall be keyed alike by room.
- h. Coat hooks for student garment units (Elementary Schools): Ives #405, A 14 finish (chrome) or comparable. Comply with ANSI/BHMA A156.16 L33113.
- L. The following manufacturer shall be acceptable for the Basis of Design for manufacturing casework: LSI Corporation of America, Inc. Minneapolis, MN, 1-612-559-4664. L44 series with the following features:
 - a. Door overlay design.
 - b. PVC body edging for doors and drawers and cabinet bodies.
 - c. Independent toe base.
- M. Other manufacturers listed herein shall be acceptable subject to the requirements of the final specification:
 - a. Case Systems, Inc., Midland, MI, 1-517-835-4112.
 - b. Southside Manufacturing Corp., Danville, VA, 1-804-836-6347.
 - c. Paragon Casework, Chantilly, VA, 1-703-802-1517.
 - d. Stevens Industries of Teutopolis, IL as represented by Nycom, Inc., Richmond, VA. 1-804-794-3044
 - e. Specified Woodworking, Laurel, MD, 1-301-598-8200.
 - f. Other fabricator(s) pre-bid approved by Construction Manager. Upon request, fabricators shall provide Architect or Owner with a fabricated representative sample of casework complete with hardware and accessories.

Lumber Materials

- A. Forest Certification: Wood products, provide materials produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC 1.2, "Principles and Criteria":
- B. Material Certificates: For dimension lumber specified to comply with minimum allowable unit stresses. Indicate species and grade selected for each use and design values approved by the ALSC Board of Review.
- C. Preservative Treatment by Pressure Process: AWWA C2.
- D. Fire Retardant Treated Materials: Comply with performance requirements in AWWA C20 (lumber) and AWWA C27 (plywood).

Accessories

- A. Adhesive: Use adhesive or joint compound recommended by manufacturer for intended products and applications. Volatile Organic Compound (VOC) Content use adhesives that have a VOC content of 50 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
- B. Fasteners: Size and type to suit application.
- C. Bolts, Nuts, Washers, Lags, Pins, and Screws: of size and type to suit application; galvanized or chrome-plated finish in concealed locations and stainless steel, or chrome-plated finish in exposed locations.

Steel Doors and Frames:

- A. General: Provide 1-3/4 inch doors of design indicated, not less than thickness indicated; fabricated with smooth surfaces, without visible joints or seams on exposed faces unless otherwise indicated. Comply with ANSI/NAAMM HMMMA 867 and ANSI/SDI A250.8.
- B. Exterior Doors: Face sheets fabricated of commercial quality hot-dipped zinc coated steel that complies with ASTM A924 A60. Provide doors complying with ANSI/SDI A250.8 for level and

- model and ANSI/SDI A250.4 for physical performance level, and HMMA 867 for door construction.
- a. Level/Model: Level 3
 - b. Physical Performance Level A (Extra Heavy Duty)
 - c. Minimum 14 gage (0.067 inch - 1.7-mm) thick steel, Model 2 (Fully welded, seamless face and edges).
- C. Interior Doors: Face sheets fabricated of commercial quality cold rolled steel that complies with ASTM A366 or 620. Provide doors complying with requirements indicated below by referencing ANSI/SDI A250.8 for level and model and ANSI/SDI A250.4 for physical performance level:
- a. Level/Model: Level 3
 - b. Physical Performance Level B (Heavy Duty)
 - c. Minimum 16 gage (0.053-inch - 1.3-mm) thick steel, Model 2 (Fully welded, seamless face and edges).
- D. Exterior Door Steel Frames: ANSI 250.8/SDI-100, 14 gauge steel frames, galvanized, mitered and welded corners. Fabricated of hot-dipped zinc coated steel that complies with ASTM designations A924 A60. Shop finish
- a. Frames for Level 3 Steel Doors (up to 48 inches in width): Minimum 14 gage (0.067-inch - 1.7-mm) thick steel sheet.
 - b. Frames for Level 3 Steel Doors (48 inches and up in width): Minimum 12 gage (0.081 - inch -2. 7-mm) thick steel sheet.
- E. Interior Door Steel Frames: ANSI 250.8/SDI-100, 16 gauge steel frames, mitered and welded comers. Fabricated from cold-rolled steel sheet that complies with ASTM A366-68 or ASTM A569-66T. Shop finish
- a. Frames for Door Openings (up to 48 inches in width): Minimum 16 gage (0.053-inch - 1.3-mm) thick steel sheet.
 - b. Frames for Doors Openings (48 inches and up in width): Minimum 14 gage (0.067-inch - 1.7-mm) thick steel sheet.
 - c. Frames for Borrowed Lights: Minimum 16 gage (0.053-inch -1 .3-mm) thick steel sheet.
- F. Fire-Rated Door Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 (neutral pressure at 40" above sill or UL 10C.
- G. Access Doors: Provide flush panel doors & frames of continuous welded steel construction, frames 16-gage and doors 14-gage sheet steel, with concealed continuous piano hinge. Units complying with NFPA 80. UL 108 for vertical access doors and frames.
- H. Fire-Rated, Borrowed-Light Frame Assemblies: Assemblies complying with NFPA 80 that are listed and labeled, by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire-protection ratings indicated, based on testing according to NFPA 257. Label each individual glazed lite.
- I. Smoke-Control Door Assemblies: Comply with NFPA 105.
- J. Exterior Openings: Comply with minimum thermal ratings, based on ASTM C518.
- K. Manufacturers: Unless otherwise described and subject to compliance with requirements, provide products by one of the following: 1. CECO Door Products – Trio Series. 2. Curries Company – Trio Series. 3. Steelcraft – B Series,

Interior Flush Wood Doors

- A. 1 ¾" thickness, AWI 1300, Grade A wood, species and finish to be determined during design phase.
- B. Core: Stave SLC-5
- C. Quality Standard: Comply with NWWDA I.S.1-A, "Architectural Wood Flush Doors." Premium
- D. Factory applied stain and transparent finish. Manufacturer's standard finish with performance comparable to AWI System TR- 6 catalyzed polyurethane.

- E. Fire-Rated Wood Doors: Doors complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252. Provide category "A" positive pressure labels.

Gypsum Drywall

- A. Non-Load Bearing Framing and Furring
 - a. Comply with ASTM C754 for stud spacing for maximum L/120 at 5 psf.
 - b. Steel Sheet Components: ASTM C645
 - c. Protective Coating: ASTM A 653/A 653M, G40, hot-dip galvanized, unless otherwise indicated.
 - d. Fire-Test-Response Characteristics: For fire-resistance-rated assemblies that incorporate nonload-bearing steel framing, provide materials and construction identical to those tested in assembly indicated according to ASTM E 119 by an independent testing agency.
 - e. STC-Rated Assemblies: For STC-rated assemblies, provide materials and construction identical to those tested in assembly indicated according to ASTM E 90 and classified according to ASTM E 413 by an independent testing agency.
- B. Gypsum Board: ASTM C 36/C 36M or ASTM C 1396/C 1396M, as applicable to type gypsum board. Drywall partitions with metal studs at 16" o.c. except as required by ASTM C754 criteria specified. Provide GA-214 "Level 5" finish.
- C. Gypsum Ceiling Board: ASTM C 1396/C 1396M.
- D. Glass-Mat Gypsum Sheathing for Exterior Use: ASTM C 1177/C 1177M, with fiberglass mat laminated to both sides and with manufacturer's standard edges, exterior gypsum board, CI047 trim accessories; C665 sound attenuation blankets.
- E. Provide "regular"; and type X for fire rated applications, with manufacturer's standard edges and 5/8" thickness.
- F. Abuse-Resistant Type: Manufactured to produce greater resistance to surface indentation, through-penetration (impact resistance), and abrasion than standard, regular-type and Type X gypsum board. Basis of Design: USG Fiberock, VHI Abuse-resistant panels; Category 3 assembly with Tuff-Hide Primer Surfacer. Core: 5/8 inch, Type X.

Acoustical Ceilings

- A. Exposed grid panel ceilings; 15/16" intermediate duty.
- B. Acoustical Panels: Comply with ASTM E 1264
 - a. Basis-of-Design: Armstrong Fissured Square Lay-In- 755.
 - b. Size: 2' x 4' x 5/8"
 - c. Feature: Meets CA Dept. of Health Services Standard Practice for the testing of VOC Emissions and is listed on CHPS High Performance Products Database for Low-Emitting Materials.
 - d. Fire resistance: Class A
 - e. Recycled content: Up to 51%
 - f. Broad Spectrum Antimicrobial Fungicide and Bactericide Treatment: Provide acoustical panels treated with manufacturer's standard antimicrobial formulation that inhibits fungus, mold, mildew, and gram-positive and gram-negative bacteria and showing no mold, mildew, or bacterial growth when tested according to ASTM D 3273 and evaluated according to ASTM D 3274 or ASTM G 21
- C. Metal Suspension System Standard: Provide manufacturer's standard direct-hung metal suspension systems of types, structural classifications, and finishes indicated that comply with applicable requirements in ASTM C 635.
 - a. Basis of Design: Armstrong Prelude XL 15/16" grid
 - b. Provide manufacturer's standard factory-applied finish
 - c. High-Humidity Finish: Comply with ASTM C 635 requirements for "Coating Classification for Severe Environment Performance" where high-humidity finishes are indicated.

Ceramic Tile

- A. Colors: As selected from manufacturer's full product line including all price groups.
- B. Obtain all tiles from one source or producer. Obtain tile from same production run and of consistent quality in appearance and physical properties for each contiguous area.
- C. Trim Units: Matching bead, bullnose, cove, and base shapes in sizes coordinated with field tile.
- D. ANSI Ceramic Tile Standard: Provide tile that complies with ANSI A 137.1 , "Specifications for Ceramic Tile," for types, compositions, and other characteristics indicated:
- E. Static Coefficient of Friction: For tile installed on walkway surfaces, provide products with the following values as determined by testing identical products per ASTM C 1028:
 - a. Level Surfaces: Minimum 0.6.
 - b. Step Treads: Minimum 0.6.
 - c. Ramp Surfaces: Minimum 0.8.
- F. Unglazed Ceramic Mosaic Tile Basis of Design: Daltile Keystones Color Body Porcelain Tile
- G. Provide base to match floor tile, 12-inch length x 4-inch height.
- H. Marble Thresholds: ASTM C 503 with a minimum abrasion resistance of 12 per ASTM C 1353 or ASTM C 241 and with honed finish. Description: Uniform, fine- to medium-grained white stone with gray veining.

Resilient Flooring

- A. Vinyl Composition: ASTM F1066, Class 2, through-pattern tile. Thickness: 0.125 inch. Size: 12 by 12 inches. Comparable to Armstrong World Industries, Inc.; Standard Excelon Imperial and 10% Standard Excelon Multicolor. Colors and patterns as determined by architect.
- B. Vinyl: ASTM F1861, Type TP thermoplastic (standard commercial) Vinyl, .125 gage, set-on cove and straight base at carpet, 4-inch height. . Length: Roll. Color: Color as selected from manufacturer's standards. Products equal to those of Armstrong, Mannington, and Johnsonite.
- C. Rubber tile, treads & risers at stairwells comply with ASTM F2169, full width and depth of stair tread in one piece with contrasting color abrasive grit strips full width at nosing; tapered thickness; nosing not less than 1-1/2 inch deep, Class 1, Smooth (flat), Class 2, Pattern: Raised-rib design. equal to Johnsonite or Armstrong.
- D. Slip-resistant tile for ramps and stairs.

Carpeting

- A. Verify that concrete slabs comply with ASTM F 710 to prepare for direct glue-down application.
- B. Direct-Glue-Down Installation: Comply with CRI 104, Section 8, "Direct Glue-Down Installation."
- C. Manufacturers: Comparable to Tandus : Crayon
- D. Manufactured in one color dye lot.
- E. Colors: to be selected by Owner and Architect from full range of color and pattern options.
- F. Comply with maximum VOC standards of Commonwealth of Virginia State Air Pollution Control Board Regulations For The Control and Abatement of Air Pollution; 9VAC5 Chapter 45, Consumer And Commercial Products

Entrance Mats and Floor Mats

- A. Accessibility Requirements: Provide installed floor mats that comply with Section 4.5 in the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."
- B. Entrance Mats and Frames: Basis-of-Design Product: Subject to compliance with requirements, provide MUSSON Fluff Cord Tiles with aluminum recess mat frame.
- C. Floor Mats: Tile shall be 3/8" thick x 12" x 12" tile with a close-nap nylon carpet-like surface in Natural Earthtone Gray color; manufactured of rubber-fabric, heavy duty truck or bus tire strips bonded to a flexible backing with a "dry-back" adhesive back. Tile must be installed using

manufacturer's specific installation instructions and Non-Flammable Environmentally Safe Adhesive.

- D. Recessed Frames: As indicated for permanent flush installation, complete with corner connectors, splice plates or connecting pins, and e anchors. Coat surfaces of aluminum frames that will contact cementitious material with manufacturer's standard protective coating.

Painting

- A. Provide manufacturers' product data for finishes, including printed statement of VOC content and chemical components. Comply with maximum VOC standards of Commonwealth of Virginia State Air Pollution Control Board Regulations For The Control and Abatement of Air Pollution; 9VAC5 Chapter 45, Consumer and Commercial Products.
- B. Generally provide prime coat plus two finish coats of "architectural" grade paint product. Provide primers and undercoat paint produced by the same manufacturer as the finish coats.
 - a. Interior, Flat, Latex-Based Paint: Ready-mixed, latex-based paint for a flat finish. MPI 53
 - b. Interior, Egg-Shell, Latex-Based Paint: Ready-mixed, latex-based paint for an Eggshell finish. MPI 44
 - c. Interior, semi-gloss, latex-based paint: for latex over alkyd primer system. MPI 54
 - d. Semi-gloss Gloss Enamel: Light industrial coating. MPI 153
 - e. Interior, Semi Gloss Enamel: MPI 94
- C. Painted Interior CMU surfaces: Provide Filler Coat Materials: Provide the manufacturer's recommended factory-formulated, latex-type concrete masonry block fillers that are compatible with the finish materials indicated. Products: Subject to compliance with requirements, provide the following: High-Performance Latex Block Filler: MPI 4
- D. Manufacturers: Subject to compliance with requirements, Basis of Design: Benjamin Moore & Co., Duron, Inc., or Sherwin-Williams Company
- E. Colors: As selected by Owner and Architect from manufacturer's full range. Different colors may be used in the same room. Colors of frames may be different than doors. Colors for ceilings and trim may be different from walls. Dark tints may be used on metal frames and may require additional coats for proper coverage.

High Performance Coatings

- A. Provide manufacturers' product data for interior coatings, including printed statement of VOC content and chemical components
- B. Requirements of coating systems for high humidity areas differ from normal-conditioned spaces.
- C. Applicator Qualifications: A firm or individual experienced in applying paints and coatings similar in material, design, and extent to those indicated for this Project, whose work has resulted in applications with a record of successful in-service performance.
- D. Manufacturers: Subject to compliance with requirements, Basis of Design: Benjamin Moore & Co., Duron, Inc., or Sherwin-Williams Company
- E. This section provides product selections to serve as the project standard; when a product of a manufacturer listed above is not included, provide a product equal or exceeding technical capabilities of product specified.

Solid Polymer Toilet Partitions

- A. Toilet Enclosures: Overhead braced, HDPE (high density polyethylene) or PP (polypropylene) solid plastic panels, not less than 1 inch thick, seamless, with eased edges, and with homogenous color and pattern throughout thickness of material, thief-proof screws, heavy duty hardware, continuous U-channel mounting brackets, suitable fasteners for durable mounting.
- B. Urinal Screens: Floor anchored, HDPE (high density polyethylene) or PP (polypropylene) solid plastic panels, not less than 1 inch thick, seamless, with eased edges, and with homogenous color and pattern throughout thickness of material.

- C. Basis of Design: Bobrick
- D. Color and Pattern: One color and pattern in each room as selected by Architect from manufacturer's standard range of colors and patterns.

Louvers

- A. Prefinished AAMA 2605 fluorocarbon coating ("Kynar") extruded aluminum fixed louvers at exterior of Mechanical Room. Storm proof blade with 1/2" bird screen. Construction Specialties RS-5300 design standard.

Horizontal Louver Blinds

- A. Provide 1" wide horizontal louver blinds complying with WCSC A 100.1 with Ionized Coating: Antistatic, dust-repellent, baked polyester finish.
- B. Source Limitations: Obtain horizontal louver blinds through one source from a single manufacturer.
- C. Fire-Test-Response Characteristics: Provide horizontal louver blinds with the fire-test-response characteristics, as determined by testing identical products per test method by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Flame-Resistance Ratings: Passes NFPA 701.
- D. Manufacturers: Hunter Douglas, Levolor, Springs Window Fashions
- E. Blinds: Horizontal slat louvers hung from full-width headrail with full-width bottom rail; light-blocking lower back lip, Tilt Limiter with preselected degree settings.
- F. Metal Slats: 1" spring tempered pre-finished aluminum; radiused slat corners, with manufacturing burrs removed. Thickness: 0.008 inch. Color: As selected.
- G. Slat Support: Woven polypropylene cord, ladder configuration.

Door Hardware

- A. Provided for level of quality. Owner will provide additional information concerning acceptable manufacturers and cores to work within standard Owner requirements during design.
- B. Single Source Responsibility: Obtain each type of hardware (latches and locksets; hinges; closers; etc.) from a single manufacturer. Provide electrified door hardware from same manufacturer as mechanical door hardware, unless otherwise indicated.
- C. Provide Architectural Hardware Consultant with following qualifications: A person who is experienced in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this Project and who is currently certified by DHI as follows: For door hardware, an Architectural Hardware Consultant (AHC).
- D. Installer Qualifications: Supplier of products and an employer of workers trained and approved by product manufacturers and an Architectural Hardware Consultant who is available during the course of the Work to consult with Contractor, Architect, and Owner about door hardware and keying.
- E. Keying Schedule: Prepared by Architectural Hardware Consultant under the supervision of Installer, detailing Owner's final keying instructions for locks.
- F. Fire-Rated Door Assemblies: Where fire-rated door assemblies are indicated, provide door hardware rated for use in assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C, unless otherwise indicated.
- G. Smoke- and Draft-Control Door Assemblies: Where smoke- and draft-control door assemblies are required, provide door hardware that meets requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.
- H. Air Leakage Rate: Maximum air leakage of 0.3 cfm/sq. ft. at the tested pressure differential of 0.3-inch wg of water. Electrified Door Hardware: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction.

- I. Means of Egress Doors: Latches do not require more than 15 lbf to release the latch. Locks do not require use of a key, tool, or special knowledge for operation.
- J. Accessibility for Disabled Persons: Special hardware requirements for knurling, slow acting closers or other barrier free opening requirements shall be provided as indicated in the Schedule of Groups and as required to comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)". For door hardware on doors in an accessible route, comply with ICC/ANSI A117.1.
- K. Warranty Period: Three years from date of Substantial Completion, unless otherwise indicated.
- L. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Hager Companies.
 - b. McKinney Products Company; an ASSA ABLOY Group company.
 - c. Stanley Commercial Hardware; Div. of The Stanley Works.
 - d. Sargent Manufacturing Company; an ASSA ABLOY Group company.
 - e. LCN Closers; an Ingersoll-Rand company.
 - f. Norton Door Controls; an ASSA ABLOY Group company.
 - g. Rixson Specialty Door Controls; an ASSA ABLOY Group company. Rockwood Manufacturing Company.
 - h. Ives
 - i. Trimco.
- M. Base Metals: Produce hardware units of basic metal and forming method indicated, using manufacturers standard metal alloy composition, temper and hardness, but in no case of lesser quality than specified or inferred by use of a particular manufacturer's number, style or grade or as established by appropriate referenced specification listed herein.
- N. Finishes: Finishes shall conform to the quality of finish including thickness of plating or coating (if any), composition, hardness and other qualities complying with manufacturer's standards, but in no case less than the standards established by ANSI/BHMA A156.18 or Federal Specifications FF-H-111 C as applicable.

Toilet Accessories (Basis of Design)

- A. All items of each type to be made by the same manufacturer. Basis of Design: Bobrick Washroom Equipment, Inc. Stainless steel, No. 4 finish (satin). Other acceptable manufacturers include American Specialties and Bradley Corporation.
 - a. Toilet Tissue (Roll) Dispenser: Basis-of-Design Product: Bobrick B-6867.60
 - b. Paper Towel (Roll) Dispenser: Basis-of-Design Product: Kimberly-Clark Professional Towel Dispensers Model #09765, In-Sight Lev-R-Matic Roll Towel Dispenser, Smoke. Fits 8" x 800' paper towel rolls
 - c. Liquid-Soap Dispenser: Basis-of-Design Product: Bobrick B-2111
 - d. Mirror Unit: Basis-of-Design Product: Bobrick B-166; framed tempered glass mirror. Frame: Stainless-steel angle, 0.05 inch thick. 8" X 36"
 - e. Grab Bar includes 18", 36" 42" length for toilet, Basis-of-Design Product: B-6806-Series
- B. Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation. Grind welded joints smooth. Fabricate units made of metal sheet of seamless sheets, with flat surfaces.
- C. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
- D. Keys: Provide 2 keys for each accessory to Owner; master key all lockable accessories.
- E. Stainless Steel Sheet: ASTM A 666, Type 304, 0.0312-inch minimum nominal thickness
- F. Steel Sheet: ASTM A 1008/A 1008M, Designation CS (cold rolled, commercial steel), 0.0359-inch minimum nominal thickness.

- G. Galvanized Steel Sheet: ASTM A 653/A 653M, with G60 hot-dip zinc coating.
- H. Galvanized Steel Mounting Devices: ASTM A 153/A 153M, hot-dip galvanized after fabrication.
- I. Stainless Steel Tubing: ASTM A 269, Type 304 or 316.
- J. Mirrors: ASTM C 1503, Mirror Glazing Quality, clear-glass mirrors, nominal 6.0 mm thick. 15-year warranty.
- K. Fasteners: Screws, bolts, and other devices of same material as accessory unit and tamper and- theft resistant where exposed, and of galvanized steel where concealed.
- L. Chrome Plating: ASTM B 456, Service Condition Number SC 2 (moderate service).
- M. ABS Plastic: Acrylonitrile-butadiene-styrene resin formulation.

Utility Room Accessories

- A. All items of each type to be made by the same manufacturer. Basis of Design: Bobrick Washroom Equipment, Inc., American Specialties and Bradley Corporation.
- B. Mop and Broom Holder: Basis-of-Design Product: Bobrick B-223 Stainless Steel #4 Finish. Four, spring-loaded, rubber hat, cam type, 36 inches.

Plumbing Fixtures

- A. Product Data: For each type of plumbing fixture indicated. Include selected fixture and trim, fittings, accessories, appliances, appurtenances, equipment, and supports. Indicate materials and finishes, dimensions, construction details, and flow-control rates.
- B. Provide Product Data and Documentation indicating flow and water consumption requirements.
- C. Provide Operation and Maintenance Data: For plumbing fixtures to include in emergency, operation, and maintenance manuals.
- D. Manufacturers: Subject to compliance with heights for handicapped/elderly, according to ICC/ANSI A 117 .1:
 - 1. Commercial Water Closets: Accessible wall-mounted, top spud. Bowl Standards: ASME A 112.19.2/CSA 845.1 and ASME A 112.19.5. Material: Vitreous china.
 - 2. Commercial Urinals: Wall hung, back outlet, washout, accessible. Standards: ASMEA112.19.2/CSA B45.1 andASMEA112.19.5. Material: Vitreous china.
 - 3. Commercial Lavatories: Ledge back, vitreous china, wall mounted. Fixture: Standard: ASME A 112.19.2/CSA B45.1. Nominal Size: Oval, 22 by 14 inches.
 - 4. Lavatory Faucets: NSF Standard: Comply with NSF/ANSI 61, "Drinking Water System Components – Health Effects," for faucet materials that will be in contact with potable water. Lavatory Faucets: Manual-type, two-handle mixing, solid-brass valve. Standard: ASME A112.18.1/CSA B125.1. General: Include hot- and cold-water indicators; coordinate faucet inlets with supplies and fixture hole punchings; coordinate outlet with spout and fixture receptor. Body Material: Commercial, solid brass. Finish: Polished chrome plate. Mounting Type: Deck, exposed. Valve Handle(s): Wrist blade, 4 inches
 - 5. Commercial Sinks: Classroom Sinks Stainless Steel 24"x24"x10". Include water fountain bubbler.
 - 6. Sink Faucets: General: Chrome-plated with vacuum breaker, integral stops, adjustable wall brace, pail hook and ~" hose thread on spout. Valves contain renewable hub, renewable seats, swivel discs, encased washers and brass washer screws. Include hot- and cold-water indicators; coordinate outlet with spout and sink receptor. Body Type: 8-inch, center to center. Body Material: Commercial, solid red brass allow casting-rough finish. Finish: Chrome plating exceeding requirements of ANSI/ASTM B-456-71. Handle(s): Cross, four arm.
 - 7. Service Basins: Plastic, floor mounted. Fixture: Material: Molded high density composite. Nominal Size: 24 by 24 by 10 inches
 - 8. Pressure Water Coolers: Wall mounted, wheelchair accessible. Bi-level with two attached cabinets, vinyl-covered steel with stainless-steel top. Cooler Water: 5 gph. Filter: One or more water filters complying with NSF 42 and NSF 53 for cyst and lead reduction to below

EPA standards; with capacity sized for unit peak flow rate. Cooling System: Electric, with hermetically sealed compressor, cooling coil, air-cooled condensing unit, corrosion-resistant tubing, refrigerant, corrosion-resistant-metal storage tank, and adjustable thermostat.

Interior Lighting

- A. Information provided as a Basis of Design: Eaton's Cooper Lighting, Elite Lighting, Star Fire Lighting, Beghelli Lighting, Luce Lighting, Lusio Lighting, Dongbu Lighting. Actual Fixtures to be determined during design.
- B. Testing Agency: Engage a qualified testing agency to evaluate lighting control devices and perform tests and inspections to ensure lighting complies with IESNA LM-79 and LM-80 standards. Project will require: (Note: Lighting Controls, provide as a Basis of Design: Easton Cooper Lighting Controls, Lehgh Controls and/or ILC Lighting Controls)
 - a. Lighting Control Panel with digital switch with time schedules to be set. Product to comply with all minimum standards.
 - b. Daylight harvesting switch controls
 - c. Daylight harvesting dimmer controls
 - d. Indoor occupancy sensors
 - e. Ceiling mounted occupancy sensors
 - f. High-bay occupancy sensors
 - g. Outdoor photoelectric switches
- C. Luminaire Photometric Data Testing Laboratory Qualifications: Provided by manufacturers' laboratories that are accredited under the National Volunteer Laboratory Accreditation Program for Energy Efficient Lighting Products.
- D. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- E. Comply with NFPA 70.
- F. FM Global Compliance: Lighting fixtures for hazardous locations shall be listed and labeled for indicated class and division of hazard by FM Global.
- G. Recessed Fixtures: Comply with NEMA LE 4 for ceiling compatibility for recessed fixtures.
- H. 2 x 2 and/or 2 x 4 fixtures providing direct/indirect lighting. No parabolic or acrylic lenses, except in custodial areas or storage rooms.
- I. No Incandescent Fixtures.
- J. No Fluorescent Fixtures.
- K. No HID Fixtures.
- L. Exit signs: Comply with UL 924; for sign colors, visibility, luminance, and lettering size, comply with authorities having jurisdiction. Ensure exit signs are illuminated with LED's.
- M. All fixtures to have minimum 5-year manufacturer's warranty.

SPECIFICATIONS STANDARDS

1 - GENERAL REQUIREMENTS

- 1. General Note: Specify maximum recycled content in materials as well as selecting manufactures whose products are extracted and manufactured within 500 miles of project.

2 - EXISTING CONDITIONS

- 1. TBD

3 - CONCRETE

- 1. Site concrete: 4,000 psi minimum, 2-4 inch slump, 5 ½ to 7% entrained air.
- 2. Do not use film forming curing agents on any slab which will receive another finish material.

3. Slabs on grade to have moisture control added either introduced into the concrete such as Barrier 1, or applied moisture block. Slabs on grade base detail to avoid moisture problems.

4 - MASONRY

1. Exterior decorative concrete block shall be manufactured with WR Grace DryBlock or equal water repellent admixture
2. Cavity insulation shall be extruded polystyrene or sprayed closed cell foam
3. Cavity wall drainage systems shall include Mortar Net drainage material to prevent blockage of weeps
4. Anti- Graffiti coating on reachable areas (up to 9 foot height +/-) minimum on both building exterior and site walls. If area can be reached from a low roof apply coating to 9 feet above roof line. Do not use "parafin / waxy" type that prevents moisture to evaporate.
5. It is recommended to utilize sound absorbing CMU starting at 10' A.F.F. up to roof deck in Gymnasium.
6. Walls in public areas (corridors, toilet rooms, etc.) shall be CMU

5 - METALS.

1. All loose lintels at exterior or damp environment areas shall be hot dipped galvanized, not painted
2. Exterior guard and hand rails and ladders shall be hot dipped galvanized, not painted, no color galvanized, smooth – no burrs
3. Provide Acoustic deck at exposed ceilings in public spaces (gym etc.)
4. Height of Guard Railing systems at Stairs and raised balcony (open to floor below) to be a minimum 12" higher than code (or as required). Applies to site retaining walls if height between high and low is more than 10'.

6 - WOODS AND PLASTICS

1. Substrate for countertops containing sinks shall be ¾" B-C exterior grade or marine plywood, particleboard not acceptable

7- THERMAL AND MOISTURE PROTECTION

1. Insulation values throughout shall exceed code minimums.
2. Firestopping systems: Utilize products of one manufacturer throughout the project to the greatest extent possible for consistency of system design and application.
3. Latex acoustical caulk at interior wall, floor and ceiling joints and as specified. Mildew resistant silicone at all plumbing fixtures. Interior sealants VOC content must comply with LEED, exterior sealants must comply with DEP.
4. Design roofing details to ensure safety for maintenance (no equipment within 10', safety railing, parapets, etc.).

8 - DOORS, WINDOWS AND GLASS (OPENINGS)

1. Sidelights etc. 14 gage, prime or galvanize as location dictates. Classroom locations are discouraged, verify with security. If borrowed light is necessary transom lites are preferred.
2. Vision lites in all classroom doors (4" x 25")
3. Vision panels at non-rated doors secured with wood stops
4. Vision panels at rated doors shall be in metal frames
5. Exterior glass & glazing to comply with the latest energy standards and 25 year warranty. A composite window assembly of glass and poly carbonate that meets energy efficiency and security is to be included as an alternate bid.
6. Operable awning type exterior windows in Classrooms where occurring at exterior walls.
7. All operable windows to have limit devices to meet code.

8. Insect screen only at locations required by code. (**verify with user / FCCPS and Building & Grounds**)

9 - FINISHES

1. Patching compound for use beneath resilient floorcoverings: Portland cement based trowel grade or self-leveling compounds; Ardex or approved equal. Use gypsum based materials only beneath carpet when approved. **Special attention shall be given to mitigate potential flooring failures due to moisture.**
2. Rubber coved base: 4" high Roppe or approved equal for use at carpeting or resilient surfacing.
3. Whenever Resin/Epoxy floors are installed at slab on grade areas a moisture block WILL be used, regardless of field moisture test results.
4. Interior paint: Epoxy paint finish on CMU walls, including Kitchen, **stairwells, corridors, toilets.** Water based epoxy system at corridors, semi-gloss finish latex enamel at non-corridor drywall and block surfaces. Option for epoxy system throughout. Use only ALKYD based paint on metalwork (door frames, railings, etc.) as allowed by LEED.
5. Kitchen flooring: Quarry tile floor in Kitchen & Seryery. Base 6" coved to match floor. Provide QT in walk-in boxes.
6. Toilet room floors: All toilet rooms and Locker rooms are to be CT floors and CT or epoxy paint finish on CMU walls. Toilet room floors shall have epoxy grout.
7. Acoustical ceiling systems: Humidity resistant Fine Fissured tiles typical, abuse resistant tiles in potential vandalism areas. **Ceilings should be a minimum 9'-0" AFF, 10'-0" is preferred.** Acoustical ceiling panels to be Armstrong 755 (per FCCPS reqs) or equivalent to meet acoustical requirements. In student toilet rooms GWB ceilings are preferred. Use heavy duty standard grid, not fine line.
8. Fiber reinforced gypsum wall board systems: Use steel stud and abuse resistant USG Fiberbond wallboard (high impact) in low abuse areas as an alternative to concrete block construction (office separation partitions etc.)
9. VCT flooring shall have at least 3 coats of Floor finish (Time Saver by Johnson) prior to owner acceptance.

10 - SPECIALTIES

1. Toilet partitions: Use stainless steel (diamond or dimpled finish), floor mounted, overhead braced, with stainless steel hardware. No die cast hardware permitted. All hardware to be vandal resistant
2. Toilet accessories: All fixed position grab bars to have concealed mounting (item numbers to be determined). Hand dryers Xcelator shall be used in all group toilet rooms as long as backing plate is not plastic, but more durable.
3. Marker boards: Porcelain on steel with aluminum framing, chalk rail, tack strip, flag holder and map hooks, 50 year surface warrantee. White boards to be on each side of the smart board w/ minimum 4' tack boards at ends.
4. Tack boards: Vinyl wallcovering surface over cork over backer board with aluminum framing.
5. Equipment screens shall be provided when required for roof top equipment (height to equal equipment height). Black vinyl chain link enclosure with slats at gas meter and dumpster areas (8' high). All mechanical "farm" areas to be fenced, 2' higher than equipment with black vinyl chain link with slats and have double 4' gates.
6. Signage to be **mechanically fastened.** No applied letters. Include brail.

7. Lockers to be (15"D x 12"W x 60"H) (12"D x 12"W (minimum) x 60"H) with sloping tops, **welded frames (preferred)**. Lockers in corridors will be utilized and designed for 30 per classroom. Verify if built in or separate combo locks are required for corridor, gym to use padlocks not integral locks
8. Operable panel partition to be hard surface in Gymnasium. To have hard partition above operable partition. Electric operated with infrared eyes. Divider curtains may be acceptable if approved.
9. Curtain and track shall be supplied in nurse's exam room around cot.
10. Coordinate HC grab bars with flush valves and toilet tissue dispensers.
11. Provide dedication plaque **and (1) flag pole (not multiple)**.
12. Provide a Knox Box to be located next to main entrance at a height approved by Fire Marshal. Coordinate keying with Fire Marshal.
13. Provide impact resistant corner guards at all gyp. Bd. Wall corners; especially at high traffic areas.

11 - EQUIPMENT

1. Fume hoods – Located in designated Prep/ Science /Lab Classrooms with services as required.
2. Kiln – One, to be interlocked with exhaust hood and fan, with temperature cool down enclosed in separate space.
3. Verify requirements for fire blankets, goggle cabinets and extinguisher in science and prep rooms.

12 - FURNISHINGS

1. Privacy shades or blinds shall be installed in staff dining, offices and conference room interior windows.
2. Special attention shall be given to mounting heights for Smart Boards and White Boards located behind fixed Science demonstration tables. Bottom height should be same as table top height (not lower).
3. Verify and coordinate MEP requirements with FF&E.
4. Verify power and space requirements for vending machines.

13 - SPECIAL CONSTRUCTION

1. TBD

14 - CONVEYING SYSTEMS

1. TBD.

21 - FIRE PROTECTION

1. Provide flex head connections to sprinkler heads if/as allowed by Fire Marshal (AHJ).
2. Each wet sprinkler system riser shall be provided with the low pressure alarm and flow switch after the main valve and not on the City connection side. Each dry system riser shall be provided with no air alarm, low air supervisory and flow switch after the valve.
3. Tamper and flow switches shall be provided for each section/zone but not the low pressure switches (LPS only on the risers). A test drain is required for each section.

4. Each floor to have sprinkler valves for floor separation/zoning independent of other floors. Fire department hose valve connections will be located at the intermediate landings per code.
5. Provide for separation of domestic water service and fire service per the AHJ(s).
6. Manual stand pipes will be provided in stairwells. No roof mounted fire hose valves are required.
7. Semi recessed sprinkler heads are typical. / Where ceiling height must be less than nine feet zero inches, use fully recessed sprinkler heads.

22- PLUMBING

1. Toilets shall be abuse resistant type, wall hung, with plastic seat.
2. Lavatories shall be abuse resistant type. All plumbing fixtures shall be heavy duty style.
3. Faucets: Typical lavatories – shall have water efficient controls to meet LEED requirements. Hardwired low voltage no batteries (typical)
4. Wash fountains with infrared sensors faucets are acceptable, except in nurses' office and kitchen. Photovoltaic faucets are not desired. Toto self-powered faucets with turbine are acceptable.
5. Drinking fountains preferred vs water cooler units. All units shall be vandal resistant/reinforced type and shall be equipped with front access stainless steel panels for service 2' x 3' preferred. Drinking fountains shall be heavy duty "shoe box" style with multiple points of connection to the wall. Cantilevered bowl style unacceptable.
6. All toilet rooms will have floor drains with trap primers.
7. Hose bibs for maintenance are required in all bathrooms, single or multi user (cold water only).
8. Valve charts are required and will be located per FCCPS during training phase.
9. All valves up to 4" shall be ball valves
10. Valves over 6' high shall have chain operation
11. Science Classroom/Lab – Desks with gas, sink with water & electricity. Emergency shut off near entry door to be provided. Local acid neutralization shall be provided. Provide fixed faucets (not swivel - water can be spilled on table / floor) at science sinks.
12. Emergency gas shut off valves to be located in kitchen, boiler, science rooms, etc. and any area with gas appliances. Provide regulators where required.
13. Janitor mop sink – low floor sink with splash protection or epoxy painted CMU.
14. Outside hose bibs shall be 1 every 200' or as required by facility, freeze proof design

23 - MECHANICAL

1. All HVAC designs shall exceed baseline criteria for utility company conservation incentive programs while maintaining lifecycle cost viability. Systems shall maximize energy conservation points criteria for achieving LEED Silver Certification. Design shall comply with ADA requirements (sound). Interior design criteria; temperature settings – per latest Energy Code. The following is the order or importance in selection of the proper HVAC system: a)

- comfort and reliability, b) simplicity and efficiency, c) maintenance.
2. Perimeter heat shall be utilized. Use of radiant ceiling panels as long as they are accessible is acceptable. Radiation is acceptable as well.
 3. If VAV system is selected, the VAVs should be tied to space occupancy sensor for activation/deactivation of the unit and adjusting space requirements based on occupancy. Each classroom will have a dedicated VAV. All inside normally occupied rooms will have VAV units and exterior rooms may share one VAV where applicable. One thermostat per VAV is acceptable, no need to have a thermostat in each room.
 4. All rooms must have temp sensors, occupancy or motion
 5. Minimize filters in classrooms, if possible, to avoid disruption for service
 6. All motors to be high efficiency – specs as provided by utility company incentives program.
 7. Fuel shall be natural gas only (dual fuel is not required).
 8. Chillers shall be air cooled Screw compressor type. Engineer shall present highest efficiency type available for rated capacity for review by Owner. York, McQuay, Carrier or approved equal.
 9. All valves 2” dia and smaller shall be full port ball valves.
 10. Air handling units shall be by York, McQuay, Carrier or approved equal.
 11. Trunk duct and return grille face velocities shall not exceed ANSI standards.
 12. Indoor air quality shall be maintained through appropriate design first, adequate ventilation second. Utilize CO2 sensors for regulation of fresh air in spaces of intermittent occupancy such as gymnasium, auditorium, and cafeteria.
 13. Air to air heat exchangers and possibly enthalpy exchange wheels shall be employed where possible.
 14. DDC Building Management Systems: Acceptable manufacturers are ASI or alternative system integrated with other school systems. System shall be BAC Net compliant, web based. Monitoring of security, fire alarm, water and electric meters, and lighting controls is generally NOT required.
 15. Piping- 2” and smaller to be copper, welded black iron (steel) for larger pipe preferred. If larger piping is to be joined with Victaulic couplings, then copper is preferred.
 16. Valve charts are required and the final locations to be coordinated during the training phase
 17. All equipment requiring filter changes or other regular maintenance should not be located in classroom and always be easily accessible.
 18. 4 pipe systems shall be used where heating/cooling is water based.
 19. DX units 5 tons or less shall be used for MDF, IDF, elevator machine rooms etc.
 20. Bar sensors across coils shall be used in place of standards sensors (where applicable).
 21. Identification markings shall be provided for all VAV locations, pumps, valves, etc. The grid ceiling shall be marked and access panels provided where devices are located. Color Code using ASHRAE standards
 22. Glycol will be utilized in the chilled water and hot water system in lieu of freeze pumps. In systems where glycol is used, measure the % of glycol.
 23. Preference will be given for Variable Refrigerant Flow Systems.

26 - ELECTRICAL

1. Electrical switchgear and distribution shall be of one manufacturer. General Electric, Cutler-Hammer, Square D or Siemens.
2. Fire alarm systems: Edwards, Notifier as approved. Fully addressable system with 20 percent expansion capability (minimum). System to include smoke detectors per code, duct detection, manual pull stations, etc. Coordinate locations of pull stations with Fire Marshal. All pull stations to have siren equipped alarm covers.
3. Atomic Clock System.
4. Intercom Systems at main entrance with master station at reception desk
5. Private intercom to be provided at loading dock for Kitchen deliveries to main office, identified as such
6. Lighting: Typical classroom lighting to include interior/window wall zone switching.
7. Provide motion sensor controls. Use daylight sensors where possible
8. Lighting in stairwells should be easily accessible and mounted on walls.
9. Exit lighting to be L.E.D. fixtures. Mounted Exit signs should not be located too high, i.e. on 17' ceiling. Do not mount fixtures on Acoustical tile ceilings.
10. Natural Gas emergency generator required and sized to handle all emergency power requirements including heat to prevent building freeze up, life safety systems, telephone and public address system, telecommunications equipment, security equipment, data closet AC, BMS. Kitchen coolers and freezers, health refrigerator, and science refrigerators. Generators do NOT need to include load banks.
11. Emergency and exit lighting powered through a backup generator system provide relays to permit night time lights to be turned off.

27 – COMMUNICATIONS / TECHNOLOGY

1. TBD

28 - ELECTRONIC SAFETY AND SECURITY

1. TBD

31 - EARTHWORK

1. TBD

32 - EXTERIOR IMPROVEMENTS

1. TBD

33-UTILITIES

1. TBD

GMHS/MEHMS SPORTS FACILITIES - PROGRAM

July 30, 2015

RFP NO 0730-15GMHS-PPEA - APPENDIX C - ATTACHMENT 8

SPORT FACILITY	PROGRAM	SIZE	NUMBER	REMARKS REQUIREMENTS
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FOOTBALL / LACROSSE FIELD - STADIUM

Football Field				NFHS Standards
Lacrosse Field				U.S. Lacross Standards (Men's & Women's)
Synthetic Turf				Consideration to crumb rubber infill alternatives
Field Lighting				
Football Field Goals				
Lacrosse Field Goals				
Field Scoreboard				Wireless
Stadium Bleachers		2000 Seats		Aluminum
Stadium Concessions		1000 SF		
Stadium Broadcast Booth		300 SF		Broadcast back to High School
Stadium Toilet Rooms		300 SF		Men's & Women's
Stadium Fencing				Access Control - Vehicle Access
Stadium Ticket Booth		50 SF		

FOOTBALL / LACROSSE FIELD - STADIUM

SOCCER / FIELD HOCKEY FIELD - RUNNING TRACK

Soccer Field				NFHS Standards
Field Hockey Field				NFHS Standards
Synthetic Turf				Consideration to crumb rubber infill alternatives
Running Track				NFHS Standards - Athletic Surface
Shot Put Facilities				NFHS Standards
Discus Facilities				NFHS Standards
High Jump Facilities				NFHS Standards
Long Jump Facilities				NFHS Standards
Triple Jump Facilities				NFHS Standards
Pole Vault Facilities				NFHS Standards
Field Lighting				
Soccer Goals				
Field Hockey Goals				
Field Scoreboard				Wireless
Stadium Bleachers		500 Seats		Aluminum
Toilet Rooms				Access to Toilet Facilities
Stadium Fencing				Access Control - Vehicle Access

SOCCER / FIELD HOCKEY FIELD - RUNNING TRACK

BASEBALL FIELD

Baseball Field				NFHS Standards
Baseball Field Backstop				
Baseball Field Press Box				
Baseball Field Lighting				
Baseball Field Team Dugouts				
Baseball Field Bleachers		150 Seats		Aluminum
Baseball Field Scoreboard				Wireless
Baseball Field Fencing				Access Control - Vehicle Access
Baseball Field Irrigation				
Baseball Batting Cage			2	
Toilet Rooms				Access to Toilet Facilities
Rt 66 Protection				

BASEBALL FIELD

GMHS/MEHMS SPORTS FACILITIES - PROGRAM

July 30, 2015

RFP NO 0730-15GMHS-PPEA - APPENDIX C - ATTACHMENT 8

SPORT FACILITY	PROGRAM	SIZE	NUMBER	REMARKS REQUIREMENTS
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SOFTBALL FIELD

Softball Field				NFHS Standards
Softball Field Backstop				
Softball Field Press Box				
Softball Field Lighting				
Softball Field Team Dugouts				
Softball Field Bleachers		150 Seats		Aluminum
Softball Field Scoreboard				Wireless
Softball Field Fencing				Access Control - Vehicle Access
Softball Field Irrigation				
Softball Batting Cage			2	
Toilet Rooms				Access to Toilet Facilities

SOFTBALL FIELD

TENNIS COURTS

Tennis Courts				6 USTA Standards
Tennis Courts - Lighting				
Tennis Courts - Fencing				Access Control - Vehicle Access
Fencing Wind Barrier				
Exterior Bleachers		100 Seats		Aluminum
Toilet Rooms				Access to Toilet Facilities

TENNIS COURTS

DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
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CENTRAL ADMIN / PURCHASING / PAY / PERSONNEL / TECHNOLOGY / DAYCARE

Reception / Clerical	200	1	200
Superintendent	300	1	300
Assistant Superintendents	200	2	400
Chief Officer	200	1	200
Staff Offices	175	20	3500
Workroom / Mail	300	1	300
Main Conference Room	1000	1	1000
Conference Room	300	1	300
Breakroom	200	1	200
Storage / Supplies	100	2	200
Early Learning Special Education	1850	1	1850
Staff Toilet	60	2	120

SUBTOTAL CENTRAL OFFICE 8570

TOTAL PROGRAM SPACE 8570

SUPPORT SPACES AND CIRCULATION

Electrical Closets	
Communication Closets	
Corridors	
Non-Programed Space 30%	2571

SUBTOTAL SUPPORT SPACES AND CIRCULATION 2571

GRAND TOTAL 11141

RFP No. 0730 – 15GMHS - PPEA

APPENDIX C - ATTACHMENT 10
EDUCATIONAL SPECIFICATION

FOR

REQUIREMENTS FOR SCHOOL BOARD ADMINISTRATION

Falls Church City Public Schools
Falls Church, VA

July 30, 2015

FALLS CHURCH CITY PUBLIC SCHOOLS
EDUCATIONAL SPECIFICATIONS

SCHOOL BOARD ADMINISTRATION

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PART I

SUMMARY OF SQUARE FOOTAGE
REQUIREMENTS FOR SCHOOL BOARD
ADMINISTRATION

SEE APPENDIX C – ATTACHMENT 9

PART II

SPACE SPECIFIC REQUIREMENTS

GENERAL

The Project includes the design and construction services to meet the Building Program for School Board Administration. School Board Administration can be located in the High School or in the commercial development at no cost to FCCPS. If located in the High School, provide a separate entrance off the main lobby or separate elevator. School Board Administration can be constructed to typical office build-out standards with the exception of drywall walls extending up to structure for the mitigation of sound transmission.

DEFINITIONS

- Telecommunications** Provide a complete Telecommunications System and Phone System with interface with the George Mason High School System (Provide fiber optic interface with City telecommunications backbone if constructed in alternate location) (See Educational Specification for additional space requirements). Security Cameras will be terminated at Data Switches. Telecommunications and Phone equipment shall be connected to emergency backup power circuits along with an Uninterruptable Power Supply battery backup system. Remote telecommunications closets shall be connected by fiber optic cable to the main telecommunications room. Provide at a minimum CAT6 cable for all data and phone connections. Every room shall have at least one data and phone outlet. Provide a wireless access point (**Cisco AIR CAP37021-A-K9**) as needed for complete building coverage.
- Intercom System** If located in the High School, integrate with the Carehawk/Dukane Public Address intercom system to cover all interior spaces. Provide intercom speakers in all interior spaces. Intercom announcements shall be audible at all interior spaces. (See Education Specification).
- Security CCTV** Provide a complete security system and CCTV system that monitors the all interior building entrances, corridors, and stairs with the administration space. Provide security cameras interfaced with the telecommunications system that will be monitored through the FCCPS main server. The building security system shall provide motion detectors that monitor all building entrances, building corridors, and building stairs. Provide security system keypads at each building entrance and interface with the City of Falls Church Police Department for system monitoring.
- Door Access System** Card readers and electric locks shall be provided at all building entrances, and telecommunications rooms. Interface card reader system with telecommunications system.
- Life Safety** Provide a complete Fire Alarm system per code requirements with interface with the City of Falls Church Police Department for system monitoring. .
- HVAC Controls** Provide ASI HVAC Control System or alternate HVAC Control System and integrate with the school's existing ASI Controls.
- Special Characteristics** All items listed under "Special Characteristics" are to be "In-Contract" unless noted otherwise.

CENTRAL ADMIN / PURCHASING / PAY / PERSONNEL / TECHNOLOGY / DAYCARE

SPACE NAME: RECEPTION / CLERICAL

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. The School Board suite is the coordinating unit for all activities in the school and between the School Board and the community. Parents and community groups must be made to feel that the office is an integral part of the community. Therefore, the School Board suite must be easily accessible to students and visitors, presenting a friendly, informal, and pleasant atmosphere.

- B. Specific Activities:
 - Receptionist who would handle all incoming traffic
 - General waiting area
 - Student waiting area
 - Secretary space

OCCUPANTS:

- **Staff** 1-2 Secretaries
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent to

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
48" x 48" whiteboard
Built in Casework for Reception Desk and Workstations

- **By Owner** (2) desk chairs
Sofa
(2) Chairs
Tables
File cabinets

- **Finishes** Floor: Carpet
Base: Vinyl
Walls: Gypsum Wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass / Storefront System

- **Electric outlets** Double duplex at desk locations / Minimum (1) duplex per wall

- **Telecommunications** Data/Phone outlets at each secretarial workstation

- **Buzzer/elec. release** Intercom and Electric Release for entrance

- **Motion Detector** security

- **Key pad for security**

SPECIAL CHARACTERISTICS:

CENTRAL ADMIN / PURCHASING / PAY / PERSONNEL / TECHNOLOGY / DAYCARE

SPACE NAME: SUPERINTENDENT'S OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Planning with individuals, and community groups
 - Conferring with teachers, students, and parents
 - Interviewing applicants
 - Private with secondary access

OCCUPANTS:

- **Staff** 3-4
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Closet with lock
- **By Owner** Desk
Chair
48" conference table
Coffee table
2 side chairs
Credenza
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: Gypsum wallboard painted
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide closet with lock**
- **Window to exterior**

CENTRAL ADMIN / PURCHASING / PAY / PERSONNEL / TECHNOLOGY / DAYCARE

SPACE NAME: ASSISTANT SUPERINTENDENT’S OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Planning with individuals and community groups
 - Conferring with teachers, students, and parents

OCCUPANTS:

- **Staff** 3
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent to reception area. Provide closet with lock

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Closet with lock
- **By Owner** Desk
Chair
2 side chairs
Credenza
File Cabinet
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: Gypsum wallboard painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide closet with lock**
- **Window to exterior**

CENTRAL ADMIN / PURCHASING / PAY / PERSONNEL / TECHNOLOGY / DAYCARE

SPACE NAME: CHIEF OFFICER

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Planning with individuals and community groups
 - Conferring with teachers, students, and parents

OCCUPANTS:

- **Staff** 3
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Closet with lock
- **By Owner** Desk
Chair
2 side chairs
Credenza
File Cabinet
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: Gypsum wallboard painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlet at Desk
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Closet with lock**
- **Window to exterior**

CENTRAL ADMIN / PURCHASING / PAY / PERSONNEL / TECHNOLOGY / DAYCARE

SPACE NAME: STAFF OFFICE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities:
- Staff offices

OCCUPANTS:

- Staff 1
- Students N/A

SIZE AND LOCATION:

- Size 175 sq ft
- Location

FURNISHINGS AND EQUIPMENT:

- In-Contract
- By Owner Desk
Chair
2 side chairs
File Cabinet
- Finishes Floor: Carpet
Base: Vinyl
Walls: Gypsum wallboard painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- Electric outlets Double duplex at desk location / Minimum (1) duplex per wall
- Telecommunications Data/Phone outlet at Desk
- Ceiling speaker Public Address System
- Motion Detector lighting control

SPECIAL CHARACTERISTICS:

- Window to exterior

CENTRAL ADMIN / PURCHASING / PAY / PERSONNEL / TECHNOLOGY / DAYCARE

SPACE NAME: WORKROOM / MAILROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Duplication of materials and general office production work
- B. Location for Staff Mailboxes

OCCUPANTS:

- **Staff** 6-8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent supply/storage room.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 4' x 4' tackboard
20 L.F. of base and wall cabinets with sink and under counter refrigerator and coffee bar
Storage Cabinet 4'W
Mailbox Casework (Adjacent to reception but out of view of visitors.)

- **By Owner** Table
Chairs
Photocopier

- **Finishes** Floor: VCT
Base: vinyl
Walls: Gypsum Wallboard - painted
Ceiling: suspended acoustic tile 9'-0" A.F.F.

- **Electric outlets** Minimum (1) duplex per wall, (2) duplex outlets above counter, and (2) 208V outlets for copying equipment

- **Telecommunications** (2) data outlets for copying equipment

- **Ceiling speaker** Public Address System

- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

CENTRAL ADMIN / PURCHASING / PAY / PERSONNEL / TECHNOLOGY / DAYCARE

SPACE NAME: MAIN CONFERENCE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Conference room for School Board Meetings.

OCCUPANTS:

- **Staff** 100
- **Students** N/A

SIZE AND LOCATION:

- **Size** 1000 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 96" x 48" tackboard
96" x 48" white marker board
64" Interactive whiteboard (smart technology w/ projector)
- **By Owner** Table
Chairs
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: Gypsum Wallboard - painted
Ceiling: Suspended acoustic tile 10'-0" A.F.F.
Door: 36" X 84" with 8"x30" vision glass
- **Electric outlets** Minimum (2) duplex per wall / Projector ceiling outlet
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet / Interactive White Board / Projector provisions / Apple TV / Wireless Access Point
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

CENTRAL ADMIN / PURCHASING / PAY / PERSONNEL / TECHNOLOGY / DAYCARE

SPACE NAME: CONFERENCE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Conference room.

OCCUPANTS:

- **Staff** 10
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent to Superintendent's office with connecting door.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
48" x 48" white marker board
64" Interactive whiteboard (smart technology w/ projector)
- **By Owner** Table
Chairs
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: Gypsum Wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8"x30" vision glass
- **Electric outlets** Minimum (1) duplex per wall / Projector ceiling outlet
- **Ceiling speaker** Public Address System
- **Telecommunications** Data/Phone outlet / Interactive White Board / Projector provisions / Apple TV / Wireless Access Point
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

CENTRAL ADMIN / PURCHASING / PAY / PERSONNEL / TECHNOLOGY / DAYCARE

SPACE NAME: BREAKROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Prep and eat lunch

OCCUPANTS:

- **Staff** 6-8
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Central to the Central Admin Office

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 6 ft. work counter/cabinet with sink/bubbler/hot and cold water
48" x 48" tackboard
48" x 48" whiteboard
Refrigerator
- **By Owner** 2 Round tables
8 Chairs
4 Lounge chairs
Coffee Maker
- **Finishes** Floor: VCT
Base: Vinyl
Walls: Gypsum Wallboard- painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 24" x 36" vision glass
- **Electric outlets** Minimum (2) duplex per wall, (2) duplex outlets above counter
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- N/A

CENTRAL ADMIN / PURCHASING / PAY / PERSONNEL / TECHNOLOGY / DAYCARE

SPACE NAME: EARLY LEARNING SPECIAL EDUCATION

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Day Care Facility.

OCCUPANTS:

- **Staff** 2
- **Students** Varies

SIZE AND LOCATION:

- **Size** 1850 sq ft
- **Location** Adjacent to

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 72" x 48" total length whiteboard
72" x 48" total length tackboard
- **By Owner** Desk (2)
Filing Cabinets (2)
Chairs (2)
- **Finishes** Floor: Carpet
Base: Vinyl
Walls: Gypsum Wallboard - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** Double duplex at desk location / Minimum (2) duplex outlets per wall
- **Telecommunications** Data / Phone outlet at desks, wireless access point
- **Ceiling speakers** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **Provide exterior window**

CENTRAL ADMIN / PURCHASING / PAY / PERSONNEL / TECHNOLOGY / DAYCARE

SPACE NAME: STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. For Staff use
- B. Specific Activities:
 - Rest room facility
 - H/C accessible

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft each
- **Location** By Reception / Clerical

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
- **By Owner** N/A
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot 5'-0" - CMU - painted - epoxy
Ceiling: suspended acoustic tile 8'-0" A.F.F.
Door: 36" X 84" with privacy lock
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

SUPPORT SPACES AND CIRCULATION

SPACE NAME: ELECTRICAL CLOSETS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Space for electrical equipment

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** As required for all electrical equipment, maintenance & replacement
- **Location** Electrical rooms in various locations sized as required.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** N/A
- **By Owner** N/A
- **Finishes** Floor: concrete (sealed)
Base: none
Walls: Gypsum Wallboard - painted
Ceiling: exposed structure - painted
Door: 36" X 84" metal (pairs as required)
- **Electric outlets** for equipment and general use

SPECIAL CHARACTERISTICS:

- N/A

SUPPORT SPACES AND CIRCULATION

SPACE NAME: COMMUNICATIONS CLOSETS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Space for communications equipment

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** As required for all communications equipment & replacement
- **Location** Communications rooms in various locations sized as required.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** N/A
- **By Owner** N/A
- **Finishes** Floor: concrete (sealed)
Base: none
Walls: Gypsum Wallboard - painted
Ceiling: exposed structure - painted
Door: 36" X 84" metal (pairs as required)
- **Electric outlets** for equipment and general use

SPECIAL CHARACTERISTICS:

- N/A

SUPPORT SPACES AND CIRCULATION

SPACE NAME: CORRIDORS

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Circulation

OCCUPANTS:

- **Staff** N/A
- **Students** N/A

SIZE AND LOCATION:

- **Size** As required for students and to meet applicable code
- **Location** In various locations sized as required.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** N/A
- **By Owner** N/A
- **Finishes**

Floor:	VCT
Base:	Rubber
Walls:	Gypsum Walbaord - painted
Ceiling: Ceiling:	Suspended acoustic tile
- **Electric outlets** for cleaning equipment and general use
- **Wall speakers** Public Address System

SPECIAL CHARACTERISTICS:

- N/A

ADD ALTERNATE - POOL FACILITY

July 30, 2015

RFP No 0730-15GMHS-PPEA - APPENDIX C - ATTACHMENT 11

DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
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POOL

Competition Pool	6150	1	6150
Instructional Pool	3200	1	3200
Pool Deck	6000	1	6000
Natatorium Mezzanine	2500	1	2500
Lobby	400	1	400
Reception	200	1	200
First Aid	150	1	150
Office	120	2	240
Pool / Meet Storage	400	1	400

SUBTOTAL POOL			19240
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LOCKER / TOILET ROOMS

Women's Locker Room	450	1	450
Women's Shower	300	1	300
Women's Toilet	160	1	160
Men's Locker Room	450	1	450
Men's Shower	300	1	300
Men's Toilet	160	1	160
Unisex Changing Room	130	2	260
Unisex Changing Room	65	2	130
Staff Toilet	60	1	60

SUBTOTAL LOCKER / TOILET ROOMS			2270
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POOL SUPPORT SPACE

Pump & Filtration Room	800	1	800
Pool Chemical Room	180	1	180
Laundry Room	80	1	80
Custodial Closet	50	1	50
Storage Room	200	1	200

SUBTOTAL POOL SUPPORT			1310
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TOTAL PROGRAM SPACE**22820**

DEPARTMENT	PROGRAM SPACE	ROOM SQUARE FEET	NUMBER	TOTAL SQUARE FEET
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SUPPORT SPACES AND CIRCULATION

Mechanical Room				
Electrical Room				
Electrical Closets				
Sprinkler Room				
Stairs				
Corridors				
Non-Programed Space 20%				4564

SUBTOTAL SUPPORT SPACES AND CIRCULATION				4564
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GRAND TOTAL				27384
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RFP No. 0730 – 15GMHS - PPEA

APPENDIX C - ATTACHMENT 12
EDUCATIONAL SPECIFICATION

FOR

ADD ALTERNATE – POOL FACILITY

GEORGE MASON HIGH SCHOOL

Falls Church City Public Schools
Falls Church, VA

July 30, 2015

FALLS CHURCH CITY PUBLIC SCHOOLS
EDUCATIONAL SPECIFICATIONS

ADD ALTERNATE – POOL - GEORGE MASON HIGH SCHOOL

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PART I

SUMMARY OF SQUARE FOOTAGE
REQUIREMENTS FOR ADD ALTERNATE - POOL

SEE APPENDIX C – ATTACHMENT 11

PART II

SPACE SPECIFIC REQUIREMENTS

GENERAL

The Add Alternate Pool Facility will contain two pools, a competition pool and an instructional pool. The competition pool is 25 yards by 8 lanes (25 meters) with a depth of 4 feet to 7 feet in all lanes. The competition pool shall include a Colorado Timing System and meet the requirements for a certified swimming competition pool. The competition pool shall have independent temperature control. The instruction pool is 25 yards by 5 lanes with a depth of 3 feet to 12 feet with independent temperature control. The facility shall be fully ADA accessible.

The Pool Facility shall have a convenient connection to the High School while being easily segregated for independent community use.

Pool shells may utilize cast-in-place or pneumatically applied concrete. The pools shall have a light colored special aggregate pool finish. A strategy to address hydrostatic pressure when the pool is empty will be required.

The filtration system shall use regenerative media filters. Piping shall be PVC Schedule 80. Pumps shall be provided with variable frequency drive, interlocking flow meter, hair & lint strainer, and be certified by the National Sanitation Foundation. A Water Chemistry Controller shall provide programmable chemical automation, monitoring of water chemistry, pH, & temperature and provide automatic control of the chemical feeders, heater, and water level.

Specialty tile shall be provided for the perimeter tile band, gutter nosing, wall targets, recessed steps, floor lane markings, depth markings, warning signs, and construction joint bands. Depth markings and warning signs shall be provided as required by code in a contrasting ceramic tile. No diving symbols shall be provided at water depths 5'-0" or less.

All HVAC zones shall be provided with humidity sensors to allow dehumidification control. Ductwork shall be aluminum and equipment components in contact with pool air shall be protected from corrosion.

Competition Pool – The indoor competition pool shall provide an 8 lane, 25 yard, certified swimming completion pool that varies from a depth of 4 feet to 7 feet in all lanes. The 7 foot depth shall be maintained for a continuous 45 feet. The eight lanes will be marked with black floor markers across the pool. An 18" deep rollout gutter system will be provided around the perimeter of the pool for recirculation of pool water. Wall targets and floor markers will be provided for a competitive race course. The pool shall provide a 25 meter cross course with small markings. Rope anchors will be provided in the pool for floating lane lines. A stair alcove for easy entry and exit from the pool will be provided. Equipment to be provided includes all anchors, grab rails, recessed ladders, a fixed location handicap lift, floating lanes lines and reels, starting blocks, deck mounted water polo goals, movable guard stands, backstroke flags and poles, and false start rope. The Colorado timing system shall include digital pace clocks, scoreboard, touchpads, touch pad caddy, and wireless controllers for three judges. Temperature shall be maintained between 78-82 degrees. The turnover rate of the filtration system shall be 240 minutes.

Instructional Pool – The indoor instructional pool shall provide a 5 lane, 25 yard pool that varies from a depth of 3 feet to 12 feet. The instruction pools shall include zero depth ramp entry and large entry stair. A deck level gutter system will be provided for recirculation of pool water. Equipment to be provided includes all anchors, grab rails, hydraulic handicap lift, movable guard stands, and floating lane lines and reels. Temperature shall be maintained between 84-86 degrees. The turnover rate of the filtration system shall be 240 minutes.

DEFINITIONS

- Telecommunications** Provide a complete Telecommunications System and Phone System with interface with the George Mason High School. Security Cameras will be terminated at Data Switches. Remote telecommunications closets shall be connected by fiber optic cable to the main telecommunications room. Provide at a minimum CAT6 cable for all data and phone connections. Provide a wireless access point as detailed in Ed Spec (**Cisco AIR CAP37021-A-K9**) and needed for complete building coverage.
- Intercom System** Provide a complete Public Address intercom system that covers all interior spaces and interface with the George Mason High School Carehawk/Dukane Intercom System. Provide intercom speakers in all interior spaces. Intercom announcements shall be audible at all interior spaces. Call back switches shall be provided in all classrooms (See Education Specification).
- Security CCTV** Provide a complete security system and CCTV system that monitors the building exterior and all interior building entrances, corridors, stairs, and any areas that are remote or not directly supervised by school staff. Provide security cameras interfaced with the telecommunications system that will be monitored through the FCCPS main server. Provide interior cameras that monitor all building entrances, building corridors, and stairs at each floor. Provide exterior cameras that monitor the entire building exterior. The building security system shall be separate from the High School and provide motion detectors that monitor all building entrances, building corridors, and building stairs at each floor. Provide security system keypads at the building entrance and interface with the City of Falls Church Police Department for system monitoring.
- Door Access System** Card readers and electric locks shall be provided at all building entrances, and interface with the George Mason High School system.
- Life Safety** Provide a complete Fire Alarm system per code requirements with interface with the City of Falls Church Police Department for system monitoring. The building will be fully covered by a Sprinkler System.
- HVAC Controls** Provide ASI HVAC Control System or alternate HVAC Control System and integrate with the George Mason High School Graphic Control system.
- Special Characteristics** All items listed under "Special Characteristics" are to be "In-Contract" unless noted otherwise.

SPACE NAME: INSTRUCTIONAL POOL

USE OF SPACE - PURPOSE/ACTIVITIES:

A.

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 3,200 sq ft
- **Location** Adjacent to Competition Pool

FURNISHINGS AND EQUIPMENT:

- **In-Contract** See General Description
- **By Owner**

SPECIAL CHARACTERISTICS:

- N/A

SPACE NAME: POOL DECK

USE OF SPACE - PURPOSE/ACTIVITIES:

A.

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 6,000 sq ft
- **Location** Adjacent to Competition & Instructional Pool

FURNISHINGS AND EQUIPMENT:

- **In-Contract**
- **By Owner**
- **Finishes** Floor: Non-Slip Ceramic Tile – Epoxy Grout
Base: Ceramic Tile – Epoxy Grout
Walls: Ceramic Tile Wainscot 10'-0" - CMU painted - epoxy
Ceiling: exposed structure painted 20'-0" clear.
Door: (2) 36" X 84" aluminum with no center mullion – size for egress
- **Electric outlets** for general use
- **Telecommunications** (2) wireless access points
- **Ceiling Speaker** Public Address System (6 min.) with Call Back; 4 speakers in corners
- **P.A. system wall jacks and speakers, Sound System**

SPECIAL CHARACTERISTICS:

- **N/A**

SPACE NAME: NATATORIUM / MEZZANINE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Spectators for swimming events

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 2,500 sq ft
- **Location** Adjacent to Competition Pool

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Seating for 400
- **By Owner**
- **Finishes** Floor: concrete
Base: none
Walls: CMU painted – epoxy/ storefront
Ceiling: exposed structure 10'-0" clear.
Door: (2) 36" X 84" aluminum
- **Electric outlets** for general use
- **Telecommunications** wireless access points
- **Ceiling Speaker** Public Address System; speakers in corners
- **P.A. system wall jacks and speakers, Sound System**

SPECIAL CHARACTERISTICS:

- N/A

SPACE NAME: LOBBY

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Specific Activities
 - General waiting area
 - View of Pool activity
 - Controlled Access to Pool
 - Separate Controlled access to/from High School

OCCUPANTS:

- **Staff** N/A
- **Students** Varies

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Adjacent to Receptionist

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard

- **By Owner** (6) Chairs

- **Finishes** Floor: Ceramic Tile – Epoxy Grout
Base: Ceramic Tile
Walls: CMU painted - epoxy
Ceiling: Suspended acoustical tile 10'-0" AFF
Door: (2) 36" X 84" aluminum with no center mullion.

- **Electric outlets** Minimum (1) duplex per wall / Outlet for Wall TV

- **Telecommunications** wireless access point, Data for Wall TV

- **Motion Detector** light control

- **Ceiling Speakers** Public Address System

SPECIAL CHARACTERISTICS:

- **Provide visual windows between Lobby and Pool**

SPACE NAME: RECEPTION

USE OF SPACE - PURPOSE/ACTIVITIES:

Specific Activities:

- General waiting area
- Student waiting area
- Receptionist

OCCUPANTS:

- **Staff** 1
- **Students** 1 - 4

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent to Pool Entry and Office

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
Built-in Reception Desk
- **By Owner** (2) Chairs
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: Suspended acoustic tile 9'-0" A.F.F.
Door: Open to Lobby
- **Electric outlets** Double duplex at desk locations / Minimum (1) duplex per wall
- **Telecommunications** Data/Phone outlets at reception desk
- **Intercom** Main visitor entrance
- **Buzzer/elec. release** Main visitor entrance and High School Entrance
- **Motion Detector** light control

SPECIAL CHARACTERISTICS:

- **Closet space**

SPACE NAME: FIRST AID

- A. Specific Activities:
- Private space to provide first aid to students.

OCCUPANTS:

- **Staff** 1
- **Students** 1

SIZE AND LOCATION:

- **Size** 150 sq ft
- **Location** Adjacent to Pool

FURNISHINGS AND EQUIPMENT:

- **In-Contract** H/C lavatory and faucet
Rough-in for refrigerator with ice maker
6 L.F. base and wall cabinet with locks

- **By Owner** Table
2 Side Chairs
Desk and Chair
Refrigerator with ice maker
Clinic Bed or cot

- **Finishes** Floor: Ceramic Tile – Epoxy Grout
Base: Ceramic Tile
Walls: CMU - painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"

- **Electric outlets** Double duplex at desk location / Minimum (2) duplex per wall

- **Telecommunications** Data / Phone outlet at desk

- **Ceiling speaker** Public Address System with Call Back

SPECIAL CHARACTERISTICS:

- **N/A**

SPACE NAME: OFFICE

- A. Specific Activities:
- Pool Manager's Office Space

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 120 sq ft
- **Location** Good visibility of Pools and Lobby

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 48" x 48" tackboard
48" x 48" white board
- **By Owner** Desk
Chair
2 side chairs
- **Finishes** Floor: VCT
Base: Vinyl
Walls: CMU - painted
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84" with 8" x 30" vision glass
Vision Glass to Pools
- **Electric outlets** Double duplex at desk location / Minimum (1) duplex outlet per wall
- **Telecommunications** Data / Phone outlets at desk
- **Ceiling speakers** Public Address System with Call Back
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

N/A

SPACE NAME: POOL / MEET STORAGE

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of Competition and Pool Supplies

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 400 sq ft
- **Location** Adjacent to Pool

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 32 L.F. adjustable metal shelving units (24" deep by 84" high)
- **By Owner**
- **Finishes** Floor: concrete
Base: none
Walls: CMU painted - epoxy
Ceiling: exposed structure 10'-0" clear.
Door: (2) 36" X 84" aluminum with no center mullion.
- **Electric outlets** Minimum one outlet per wall
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- **Fire-rated per code**

POOL LOCKER / TOILET ROOMS

SPACE NAME: WOMEN'S LOCKER ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of personal items while using pool.
- B. Changing clothes

OCCUPANTS:

- **Staff** 1
- **Students** Varies

SIZE AND LOCATION:

- **Size** 450 sq ft
- **Location** Adjacent to Pools

- **In-Contract** 140 12"W x 15"D x 24"H metal lockers
Benches

- **By Owner** N/A

- **Finishes** Floor: Ceramic Tile – Epoxy Grout
Base: Ceramic Tile – Epoxy Grout
Walls: Ceramic Tile – Epoxy Grout
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"

- **Electric outlets** ample quantity general purpose for cleaning equipment

- **Ceiling speakers** Public Address System

- **Motion sensors** security

SPECIAL CHARACTERISTICS:

- **Locker area and circulation areas should be designed for maximum ease of use**

POOL LOCKER / TOILET ROOMS

SPACE NAME: WOMEN'S SHOWER

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Shower Stalls
- B. Changing clothes

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent to Locker Room

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Grab bars
Hooks
Shower curtain rods
ADA bench in shower
Benches
- **By Owner** Shower curtains
- **Finishes** Floor: ceramic tile- epoxy grout
Base: ceramic tile – epoxy grout
Walls: ceramic tile - epoxy grout
Ceiling: suspended acoustic tile 9'-0" A.F.F.
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

POOL LOCKER / TOILET ROOMS

SPACE NAME: WOMEN'S TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Restroom

OCCUPANTS:

- **Staff** N/A
- **Students** 1-3

SIZE AND LOCATION:

- **Size** 160 sq ft
- **Location** Adjacent to Locker Room

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
Toilet partitions
- **By Owner** Soap Dispensers
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot - CMU - painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Electric outlets** ample quantity general purpose for cleaning equipment
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

POOL LOCKER / TOILET ROOMS

SPACE NAME: MEN'S LOCKER ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of personal items while using pool.
- B. Changing clothes

OCCUPANTS:

- **Staff** 1
- **Students** Varies

SIZE AND LOCATION:

- **Size** 450 sq ft
- **Location** Adjacent to Pools

- **In-Contract** 140 12"W x 15"D x 24"H metal lockers
Benches

- **By Owner** N/A

- **Finishes** Floor: Ceramic Tile – Epoxy Grout
Base: Ceramic Tile – Epoxy Grout
Walls: Ceramic Tile – Epoxy Grout
Ceiling: suspended acoustic tile 9'-0" A.F.F.

- **Electric outlets** ample quantity general purpose for cleaning equipment

- **Ceiling speakers** Public Address System

- **Motion sensors** lighting control

SPECIAL CHARACTERISTICS:

- **Locker area and circulation areas should be designed for maximum ease of use**

POOL LOCKER / TOILET ROOMS

SPACE NAME: MEN'S SHOWER

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Shower Stalls
- B. Changing Clothes

OCCUPANTS:

- **Staff** N/A
- **Students** 1-3

SIZE AND LOCATION:

- **Size** 300 sq ft
- **Location** Adjacent to Locker Room

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Grab bars
Hooks
Shower curtain rods
ADA bench in shower
Benches
- **By Owner** Shower curtains
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

POOL LOCKER / TOILET ROOMS

SPACE NAME: MEN'S TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Restroom

OCCUPANTS:

- **Staff** N/A
- **Students** 1-3

SIZE AND LOCATION:

- **Size** 160 sq ft
- **Location** Adjacent to Locker Room

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
Toilet partitions
- **By Owner** Soap Dispensers
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot - CMU - painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Ceiling speaker** Public Address System
- **Motion Detector** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

POOL LOCKER / TOILET ROOMS

SPACE NAME: UNISEX CHANGING ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Changing clothes

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 130 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Grab bars
Hooks
Bench
Changing Table
- **By Owner**
- **Finishes** Floor: Ceramic Tile
Base: Ceramic Tile
Walls: CMU painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
- **Electric outlets** ample quantity general purpose for cleaning equipment
- **Ceiling speakers** Public Address System
- **Motion sensors** lighting control

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

POOL LOCKER / TOILET ROOMS

SPACE NAME: UNISEX CHANGING ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Changing clothes

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 65 sq ft
- **Location**

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Grab bars
Hooks
Bench
- **By Owner**
- **Finishes** Floor: Ceramic Tile
Base: Ceramic Tile
Walls: CMU painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
- **Electric outlets** ample quantity general purpose for cleaning equipment
- **Ceiling speakers** Public Address System
- **Motion sensors** lighting control

POOL LOCKER / TOILET ROOMS

SPACE NAME: STAFF TOILET

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Staff restroom

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 60 sq ft
- **Location** Adjacent to Office

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Toilet accessories
Toilet partitions
- **By Owner** Soap Dispensers
- **Finishes** Floor: ceramic tile
Base: ceramic tile
Walls: ceramic tile wainscot - CMU - painted - epoxy
Ceiling: suspended acoustic tile 9'-0" A.F.F.
Door: 36" X 84"
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- **ADA Accessible**

POOL SUPPORT SPACE

SPACE NAME: PUMP & FILTRATION ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Pool pump and filter room

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 800 sq ft
- **Location** Adjacent to exterior services area.

FURNISHINGS AND EQUIPMENT:

- **In-Contract**
- **By Owner**
- **Finishes** Floor: concrete
Base: none
Walls: CMU
Ceiling: exposed structure
Door: (2) 36" X 80" aluminum with no center mullion.
- **Electric outlets** for general use; Filtration Equipment
-
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- N/A

POOL SUPPORT SPACE

SPACE NAME: POOL CHEMICAL ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Mechanical equipment room for Pools and Natatorium

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 180 sq ft
- **Location** Adjacent to exterior services area.

FURNISHINGS AND EQUIPMENT:

- **In-Contract**
- **By Owner**
- **Finishes** Floor: concrete
Base: none
Walls: CMU
Ceiling: exposed structure .
Door: (2) 36" X 80" aluminum with no center mullion.
- **Electric outlets** for general use
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- **N/A**

POOL SUPPORT SPACE

SPACE NAME: LAUNDRY ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Washing and drying towels and clothing

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 80 sq ft
- **Location** Adjacent to exterior services area.

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Commercial Washer (2)
Commercial Dryer (2)
6 lf countertop
Utility sink
- **By Owner**
- **Finishes** Floor: concrete
Base: none
Walls: CMU painted - epoxy
Ceiling: exposed structure
Door: (2) 36" X 80" aluminum with no center mullion.
- **Electric outlets** for general use and as required for laundry appliances
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- N/A

POOL SUPPORT SPACE

SPACE NAME: CUSTODIAL CLOSET

USE OF SPACE - PURPOSE/ACTIVITIES:

- A. Storage of Custodial Equipment

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 50 sq ft
- **Location** Adjacent to locker rooms

FURNISHINGS AND EQUIPMENT:

- **In-Contract** Mop Sink
Wall – mounted Mop Holder
- **By Owner**
- **Finishes** Floor: concrete
Base: none
Walls: CMU painted - epoxy
Ceiling: exposed structure .
Door: 36" X 84" aluminum
- **Electric outlets** for general use

SPECIAL CHARACTERISTICS:

- N/A

POOL SUPPORT SPACE

SPACE NAME: STORAGE ROOM

USE OF SPACE - PURPOSE/ACTIVITIES:

A. Storage Room for Custodial Supplies

OCCUPANTS:

- **Staff** 1
- **Students** N/A

SIZE AND LOCATION:

- **Size** 200 sq ft
- **Location** Adjacent to Locker Rooms

FURNISHINGS AND EQUIPMENT:

- **In-Contract** 18 L.F. adjustable metal shelving units (12" deep by 84" high)
- **By Owner**
- **Finishes** Floor: concrete
Base: none
Walls: CMU painted
Ceiling: exposed structure .
Door: 36" X 84"
- **Electric outlets** for general use
- **Ceiling speaker** Public Address System

SPECIAL CHARACTERISTICS:

- **N/A**

RFP No. 0730-15GMHS-PPEA

APPENDIX D

FORM OF CONCEPTUAL PROPOSAL COVER SHEET

See Attached



CITY OF FALLS CHURCH

REQUEST FOR PROPOSAL (RFP)

RFP No.: 0730-15GMHS-PPEA

Date: July 30, 2015

RFP SUBJECT: **Request for Conceptual Proposals Pursuant to the Public-Private Education Facilities Act To Include A New or Renovated George Mason High School, Expansion of the Existing Mary Ellen Henderson Middle School and Commercial Development**

SEALED PROPOSALS

George R. Armstrong, Purchasing Agent (Point of Contact for the Procurement)
The City of Falls Church

TO BE SUBMITTED ONLY TO: 300 Park Ave.
Falls Church, Virginia 22046 / Phone: 703-248-5007

PROPOSAL DUE DATE AND TIME: **before October 30, 2015 at 2:00 p.m.**
Eastern Time (Purchasing Office Clock)

Proposals are to be presented for time and date validation **ONLY to the City of Falls Church Purchasing Office.**

All inquiries and questions should be made in writing and forwarded to George Armstrong, Purchasing Agent, via email to garmstrong@fallschurchva.gov with a copy to fsmith@fallschurchva.gov and hkimble@fccps.org before 2:00 p.m. (Eastern Time) on **September 23, 2015.**

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THIS PAGE MUST BE COMPLETED, SIGNED AND RETURNED WITH PROPOSAL

In compliance with this Request For Proposal and with all the conditions imposed herein, the undersigned offers and agrees to furnish the services in accordance with the attached signed proposal.

Please type or legibly print all information.

LEGAL NAME & ADDRESS OF FIRM:

_____ By: _____
Company's Legal Name Authorized Representative - Signature
in Ink

Address _____ Name: _____

_____ Title: _____

_____ Zip: _____ Date: _____

Phone: _____ Email: _____

FAX: _____ VA SCC Business Registration # _____
See Section 3.8 of the RFP ("Certain Eligibility Requirements")



This Proposal contains appropriately marked proprietary and/or confidential information. No
 Yes

The City of Falls Church and its Public Schools are committed to the letter and spirit of the Americans with Disabilities Act. To request a reasonable accommodation for any type of disability or that this document be made available in an alternate format, call 703-248-5007, (TTY 711).

The City of Falls Church and its Public Schools do not discriminate against faith-based organizations in accordance with the Code of Virginia, § 2.2-4343.1 or against any Proposer because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment.