

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

Science Preparation 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 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

Chemical 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

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)

Darkroom

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 / HM Frame / with lock
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops / Wood Veneer with Wood Veneer or Solid Surface Countertops

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)

Costume Shop & 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: 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: 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 - Deleted

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 – Percussion / Strings / Band

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
Cabinetry: Plastic Laminate with Plastic Laminate or Solid Surface Countertops

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

Sectional 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

Staff Toilet / Shower Room

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

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

BUILDING SERVICES / MAINTENANCE

Custodial / Maintenance Office / Shop

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

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

Outdoor Storage Facility

Floor: Concrete
Walls: CMU
Ceiling: Exposed structure - painted
Lighting: LED fixtures
Doors: Metal / HM Frame / with lock

Lockers - Deleted

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

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)

Kitchen Staff Breakroom

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)

Catering 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

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 / GUIDANCE

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 GPDW 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

Delivery Storage Room

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

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

School Resource Officer

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

Parent/Teacher Liaison

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

GUIDANCE

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

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")

Student Unisex Single 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 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 ANSIIBHMA 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: ASME A 112.19.2/CSA B45.1 and ASME A 112.19.5. 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 A 112.18.1/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 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