The Design Standards for **Elementary Schools** support the vision and mission of Orange County Public Schools, and are intended to meet the requirements prescribed by Florida Statutes and the Florida Building Code and other directives, and applicable Federal requirements, as well as the recommendations set forth by Florida Department of Education in the State Requirements for Educational Facilities (SREF). Exceptions to these standards must be specifically called out in the Proposal. The standards apply to the following:

1. **Prototypical School Elements**: The following spaces and amenities should be incorporated into the school plan. All should have strong relationships to one another, both in terms of architectural style as well as Master Campus Planning:

   a) **Administration**
      
      The Administration should be located at the main entry point of the school with the General Administration Reception acting as the single point of access and reception for the public and students during school hours. Allocation of floor space to core facilities will follow SREF criteria. The Administrative Offices will incorporate the following functional spaces:
      
      (1) Main Entry Lobby  
      (2) Entry Lobby Public Individual Unisex Toilet Room  
      (3) Principal’s Office  
      (4) Assistant Principal’s Office  
      (5) Bookkeeper’s Office  
      (6) Secretarial Space  
      (7) General Administration Reception and Reception Desk  
      (8) Production Workroom  
      (9) Conference Room  
      (10) Clinic  
      (11) Clinic Unisex Individual Toilet with Shower  
      (12) Administrative Storage  
      (13) Record Vault adjacent to Bookkeeper’s Office  
      (14) Guidance Counselor’s Offices  
      (15) Curriculum Assistant’s Offices  
      (16) Itinerant Office  
      (17) Male and Female Staff Individual Toilet Rooms  
      (18) Teacher Planning Room – this may be a single large centrally located space, or multiple smaller distributed spaces yielding roughly the same square footage.  
      (19) Text Book Storage

   b) **Dining / Multi-purpose Room and Kitchen**
      
      The Dining and Multi-purpose spaces shall be combined to create one larger space that will be used as the main dining component as well as a performance space and multi-use space for the school. This space shall be located such that it facilitates after-hours access and security for evening community events. Floor space allocation will meet the requirements of SREF plus 25% to allow for the potential of additional students housed in Portables. The Dining Multi-purpose Room shall incorporate the following:
      
      (1) Student Dining / Multipurpose Room – The front third of this space (stage side) shall be configured to be partitioned off from the remainder with an operable partition.  
      (2) Stage.  
      (3) Chair Storage – shall include area allowance from both Dining Area and Multi-purpose chair storage.  
      (4) Male and Female Group Toilets with Entry Vestibule.  
      (5) Serving Lines – two minimum with cashiers.  
      (6) Teacher’s Lounge/Dining with a Unisex Individual Toilet  
      (7) Kitchen Preparation Area
c) Media Center

The Media Center and its support spaces will provide all of the traditional school Library functions and will be the center of technology for the educational plant. This space shall be located such that it facilitates after-hours access and security for evening community events. Floor space allocation will meet the requirements of SREF. The Media Center shall incorporate the following:

(1) Reading Room/Stacks: this space shall be organized into areas that will accommodate both large and small group activities, a computer area, and stacks. This space will incorporate Periodical Storage, Group Projects and Instruction, Small Group Room.
(2) Media Center Director’s Office
(3) Production and Professional Library – This space will also serve as the Copy Room.
(4) Technical Processing Room – this space will also include space allowance for Media Maintenance and Repair.
(5) AV Storage Room
(6) Systems and File Server Rooms
(7) Media Production Lab
(8) CCTV Studio (Production, Distribution, Control and Storage)
(9) School Store
(10) Male and Female Individual Toilets

d) Primary and Intermediate Classrooms

Classroom spaces will be used for instructional purposes for the various grade levels. Consideration will be given to provide for individualized, small and large group instruction, and activities within each classroom.

(1) Number - The number of Classrooms and related educational spaces follow SREF Guidelines and will be based on the anticipated 5 year enrollment.
(2) Size - The target classroom size will be 850 sf with maximum and minimum sizes allowable being within 10% of that area.
(3) Storage – Related Indoor, Outdoor, and Student Storage will be included into the net square footage of the Classroom space.

e) ESE Classrooms

ESE Classrooms will be provided to facilitate the instruction of children with exceptionalities that cannot be fully integrated into their normal grade level classrooms. Number and square footage will meet the requirements of SREF.

f) Resource Rooms

Resource Rooms will be provided to facilitate break-out sessions, individual counseling, and other occasional uses, as well as for supplemental classroom space. Number and Size will meet the requirements of SREF.

g) Art Classroom

The Art Classroom will be used as the main art instructional space for all grade levels. Consideration to the display of student work should be given within the space and throughout the school. This space shall have a spill resistant floor, an extra sink, and extra storage cabinetry.
Floor space allocation will meet the requirements of SREF. The Art Classroom shall incorporate the following:

1. Art Room
2. Kiln in a dedicated adjacent room connected directly to the Art Room.

**h) Music Classroom**

The Music Classroom will be used as the main music instructional space for all grade levels. The space should be designed with appropriate acoustical considerations to provide sound isolation from all other areas of the campus. This room should be located adjacent to, and have ramp access to the Stage to serve as Dressing Room and Green Room. Floor space allocation will meet the requirements of SREF.

**i) Skills Labs**

Skills Labs will be provided for use as instructional space for all grade levels. They will accommodate individual, small, and large group activities to expose students to a broad scope of learning experiences. Science and Computer Labs will be housed in these spaces. Electrical and Data service to these spaces will address their intended use. Number and Size will meet the requirements of SREF.

**j) Physical Education Facilities**

Physical Education facilities will be provided to support student outdoor activities. Floor space allocation will meet the requirements of SREF. The following components will be provided:

1. One PE Teacher's Office
2. One PE Storage Room with appropriate storage shelving.
3. One Covered Play Area

**k) Physical Education Outdoor Amenities**

Physical education outdoor components should be located to provide maximum visual supervision from strategic locations. The following components will be incorporated into the school site:

1. One Multi-Purpose Open Field - This field will be rectangular in shape, occupying approximately 45,000 SF.
2. One non-competition Soft Ball Field - with outfield limits 200’ from Home Plate and a 16’ tall fenced Backstop.
3. Two Hardcourt/Playcourts - each 50’ x 84’, with one set of adjustable height, and one standard height set of basketball goals.
4. One Tot-lot Playground - approximately 1800 SF in area to be fence enclosed and be totally ADA accessible.
5. One Youth Play Lot - approximately 2500 SF in area, open not to be fenced and to be totally ADA accessible.
6. Male and Female Individual Toilet Rooms.

**l) Custodial**

Custodial spaces will be located to facilitate efficient daily maintenance of the facilities. Floor Space allocation will meet the requirements of SREF. These spaces will include:

1. Custodial Receiving - Custodial Receiving will be provided with appropriate ramps to facilitate moving palletized materials in by cart.
2. Service Closets – Minimum one per major circulation corridor. Each Closet will be provided with a mops sink with appropriate faucets and bibs, shelving, and hanging systems for mops, brooms, etc.
3. Work Area – A work area will be provided with work surface, and storage cabinets and drawers.
(4) Flammable Storage – Flammable Storage will be provided with appropriate venting and storage solutions.
(5) Equipment Storage – Equipment storage will be provided for frequently used equipment (buffers, etc.)

m) Building Systems

Building Systems spaces will be located to facilitate efficient daily operation of the facilities. These spaces will be sized to comply with SREF. They will include:

(1) Central Engineering Plant (CEP) - where possible exterior mechanical equipment will be consolidated into a single structure. This space will take acoustics into consideration so as to minimize noise interference with adjacent property owners.
(2) Mechanical Rooms
(3) Electrical Rooms
(4) Data/Server Rooms

2. General Standards:
   a) Site Considerations
      (1) Site Layout:
          (a) Master plan the school site to provide for the most efficient use of school facilities. This involves both school hours and after-school hours use, with the emphasis on daytime educational activities. Locate core spaces to facilitate after-hours accessibility for public events. These types of spaces should be located close to the parking areas so that the security of the entire school is not compromised during after-hours events.
          (b) The Administration Building should be positioned on the site to provide a strong sense of a “front door” to the facility.
          (c) The site and building locations shall reflect good crowd control with consideration given to the movement of large groups of students between activities, as well as community after-hours use.
          (d) Include flexibility to allow for future program changes and expansions of the school plant.
          (e) Orient new buildings to take advantage of natural light & to reduce solar heat gain.
          (f) Kitchens and Custodial Central Receiving will be provided adequate access, including ramps and curb cuts, for palletized supplies and carts.
          (g) Separate and screen food service and delivery areas from public areas.
      (2) Accessibility: All Public Spaces will be accessible to comply with all appropriate ADA legislation. Van accessible parking spaces will be located at the closest point of the closest parking area to the main entrance to the school building.
      (3) Landscaping – Fully developed landscaping and irrigation plans shall be developed for each site. Xeriscape principles and use of native species shall be incorporated into the design to the maximum extent possible. Irrigation shall be provided only for landscape areas immediately surrounding the buildings and parking areas and as necessary to allow trees to establish themselves. Athletic fields shall not be irrigated.
      (4) Signage – A single 32 Square Foot, Backlit Marquee signage with changeable message boards shall be provided, located for visibility from the public right of way at the main entry. Unlit 8 square foot signs with the school name may be provided at secondary vehicle entrances.
      (5) Site Security: Site security will be achieved first through passive features as addressed in Crime Prevention through Environmental Design (CPTED), then through more active features such as fencing, walls, and monitoring systems.
          (a) Site buildings to maximize school security. The design shall maximize security from unauthorized or illegal entry during school hours and when the school is not in session. The exterior of the building shall not have “natural ladders”, blind corners or areas where security would be difficult.
(b) Single Point Access: During the school day, single point access into the facility will be facilitated through the strategic location of gates and doors to direct all visitors through the General Administrative Reception before allowing further access to the facility or grounds.

(c) Provide zoned lighting to allow for security during community school activities at night. Consider use of motion detector lights in isolated areas.

(d) Fencing: Black, PVC coated, galvanized steel will be the standard for all fencing. Six foot tall security fencing will be provided at the side and back property lines of the school site, as well as around Bike Racks, Wet Retention Ponds, and any other elements requiring segregation for safety or security. Gates through the perimeter fence, facilitating access to adjacent privately owned parcels, will NOT be allowed. Gates to community owned access points will be allowed with specific Board Approval only. To foster a “community friendly” front to the school, the front property line is not normally fenced, but security fencing is provided at the face of the buildings, closing any gaps between the side fences and the building, and between buildings to secure the site. This fencing, may utilize 6’ black painted aluminum picket or similar architectural fence.

(6) Space for future expansion:
(a) Permanent Structures – For facilities constructed below prototypical size, potential future expansion of the permanent facility to that capacity should be addressed. Further expansion, beyond prototype size, should be considered on all projects through logical placement of structures, retention ponds, athletic amenities and parking on the property. Ideally, future facilities growth would be accommodated by expansion of existing permanent structures and associated site elements or adding wings to an existing spine corridor, rather than construction of widely separate new buildings linked by a network of exterior covered walkways.

(b) Portable Classrooms - Space shall be reserved on the site for 12 future modular classrooms. The location of these portables should provide for convenient, safe access to the core elements of the school, and should not occupy space assigned to other prototypical elements (playfields, etc.).

(7) Vehicle and pedestrian traffic and circulation:
(a) Parking – A minimum of one parking space for every 8 student stations will be provided for visitors, faculty, and service vehicles. Open parking areas shall have good natural surveillance. If the security situation warrants, parking lot entrances shall have access gates which can be secured after hours.

(b) Bus loop and parent/student drop-off – bus and automobile access to the school will be separated with separate entrance and egress points. If the security situation warrants, access points shall have gates which can be secured after hours.
   i. The bus loop shall be planned to hold a minimum of 3 large buses (80 passengers) and 2 small ESE buses.
   ii. As a minimum queuing lines for parent pick-up/drop off should be arranged and sized to accommodate 10% of the student population from the entrance off the public right of way to the point at which pick-up/drop off will occur utilizing 20’ as the spacing for each vehicle.
   iii. Provide traffic signs and roadway markings that clearly indicate traffic flow information

(c) Pedestrian Access: Pedestrian access to the school will generally be achieved via a network of sidewalks within the community surrounding the school. On OCPS property, as a minimum, sidewalks will be provided at all frontage roads, along with a connection from those walks to the General Administrative Reception, and around all parking lots and bus loops to facilitate drop offs. Provide for efficient movement of students between activities during school and public events. Pedestrian routes shall not cross vehicular routes. Where possible, provide connection to any adjacent properties.
where the uses are compatible such as a pedestrian walkway from a residential neighborhood and/or an adjacent park.

(d) Walkways: Covered walkways, adequate in width and height will link all permanent structures on the campus requiring student access. Temporary covered walkways will be provided to portable classrooms where required by SREF. Provide covered walkways at parent pick-up area and bus drop-off area with continuously covered walkways to the building entrance point. Both car riders and bus riders wait for pickup on benches under covered walkways. Provide covered space for 21 benches for car riders and 6 benches for bus riders. Existing benches can be reused.

(e) Bicycles: Bicycle use shall be encouraged through the provision of a single fenced bike rack providing secure parking for bicycles for 10% of the students attending the school. This rack will be located in an area that can remain under constant surveillance by school staff throughout the day.

b) Building Design

   The architect shall submit the conceptual design including proposed site plan, floor plans, and elevations to the Architectural Review Committee for review and approval.

   (1) Building Layout: The following layout elements shall be addressed.

   (a) Accessibility: All Public Spaces will be accessible to comply with all appropriate ADA legislation. Buildings of two or more floors shall be serviced by a hydraulic or traction elevator sized appropriately for the anticipated occupancy, and for the purpose of providing access to those not able to utilize the stairs.

   (b) Adequate service access to mechanical and electrical rooms: Space will be provided to allow adequate maintenance access to all mechanical, electrical and other systems.

   (c) Storage – General, Teacher, and Custodial storage and support space will be provided in general compliance with the SREF.

   (d) Circulation Space – Corridors and other circulation space will be routed to provide the most efficient use of enclosed space as required by SREF. Minimum Corridor size will be 6'-8" in width.

   (2) Aesthetics - Harmonizing colors shall be used to enhance the design of the campus and shall link all buildings on campus (including any existing buildings) in a coordinated color scheme. The architect shall submit all colors for review and approval to the Architectural Review Committee.

   (3) Crime Prevention through Environmental Design (CPTED):

   (a) Design roofs without obstructions that could conceal persons from view. Roof access shall be properly secured and lockable.

   (b) Design exterior doors to prevent unauthorized entry by minimizing key locks and hardware on emergency egress doors.

   (c) All access during school hours shall be through the administration suite only. All other areas will be fenced and gated, and exterior doors locked to prohibit uncontrolled access.

   (d) Provide a KNOX Box for emergency key access to the building for school police and fire department. Minimum of two boxes required; coordinate with local fire department and district personnel.

   (4) Constructability: Consider fast and economical construction consistent with long-range maintenance and flexibility requirements of a permanent school plant.

   (5) Acoustics – Appropriate acoustical environments shall be created for the control or augmentation of the respective sound fields, to both support learning and assure applicable noise control. As a minimum, all spaces shall comply with ANSI S12.60-2002, "Acoustical Performance Criteria, Design Requirements and Guidelines for Schools.” Specific Requirements include:

   (a) Music Room - Shall achieve a Noise Criteria rating of NC30.

   (b) Cafeteria/Multipurpose Room – shall be designed to achieve a Noise Criteria rating of NC35.
(c) Classrooms – Shall achieve a Noise Criteria rating of NC30. Particular emphasis will be placed on reducing transmission of sound through ductwork and through floors/ceiling of multi-story structures.

(d) Offices – The Principles, Asst. Principles, Guidance Counselors and Administrative Conference Room shall be designed to achieve a Noise Criteria rating of NC30 and will receive full height walls rated to STC 50 to enhance privacy in those spaces. Other offices shall be designed to achieve a Noise Criteria rating of NC35 and will have walls extending above the ceiling with an STC rating achieving 45.

(e) CCTV Studio – Shall be designed to achieve a Noise Criteria of 30. Acoustic wall panels covered “chroma blue” fabric will be installed as a backdrop to the News Desk.

(f) Media Center - Shall be designed to achieve a Noise Criteria of 35.

(6) Climate Controls – Building controls and systems shall be provided to maintain comfort levels conducive to and appropriate for the functions applicable to the respective spaces, and to ensure efficient facility operations. In general, thermostatic controls will not be provided at individual classrooms. The system will integrate into the District’s Energy Management System.

(7) Furnishings Furniture necessary to support the occupation and full utilization of the individual spaces for their intended purposes shall be provided. Standardized furniture packages will be developed for PreK-Kindergarten, 1st through 4th, and 5th grade level classrooms, Music, Science, Art and other major functional spaces.

(8) Casework – Casework necessary to support the occupation and full utilization of the individual spaces for their intended purposes shall be provided.

(a) Classrooms (Primary, Intermediate, ESE) – A 12’ long countertop with general use sink and base and wall cabinetry will be provided for storage. A large stand up cabinet 36”w x 24”d x 84”h will be provided for storage of teaching supplies. A 12’ long Cubbie Unit with Coat/Bag hooks will be provided for student storage. Four 36”w x 30”d computer workstations will be installed to facilitate placement of student computers. A Teaching Station will provide teacher workspace, in class records storage, teacher computer workstation, as well as to secure the Audio Enhancement and CCTV Projection Equipment. Full Time ESE Classrooms will be provided with extra cabinetry and equipment to facilitate Life Skills instruction.

(b) Art Room - A 15’ long countertop with general-use and special sinks and base and wall cabinetry will be provided for storage. Special tall storage cabinets with 42”w x 36”d x 84”h cubbies will be provided for materials storage and project display. Flat sheet paper/poster board drawers/storage will be factored in to the cubbie design.

(c) Music Room - Special tall storage cabinets with 36”w x 36”d x 84”h will be provided in this space.

(d) Skills Labs – Cabinets and countertops sufficient for the intended use will be provided.

(e) Resource Rooms – Cabinets sufficient for the intended use will be provided.

(f) Administrative Spaces – A 9’ long Mail Box unit will be provided in the Production Workroom with 81) 12”w x 14”d x 6”h mail slots and 18) 18”w x 14”d x 6” h package slots (clear inside dimensions). That space will also be provided with 14’ of work counter with base and wall cabinets. A Reception Desk will be provided at General Administration Reception that will provide counter space for two check-ins simultaneously. A section of this counter shall be ADA compliant.

(9) Interior Finishes: Surfaces and finishes shall be provided in consideration of the usages and wear they will undergo, and the cleaning and maintenance cycles and materials to which they will be subjected.

(a) Walls
i. Latex Paint – Low VOC water based wall paints will be the standard for the facility unless noted otherwise.

ii. Epoxy Paint – utilized in Toilet Rooms and areas requiring high washability.

iii. Ceramic Tile – shall be utilized at the wet wall in Toilet Rooms to full height.

iv. Fiber Reinforced Plastic (FRP) – FRP panels will be utilized in the Kitchen and other utility spaces requiring a high degree of sanitation.

(b) Ceilings

i. Drywall – Shall be utilized in all Toilet Rooms.

ii. Type 1 Acoustic Ceiling Tile – Shall be the standard for the facility unless noted otherwise.

iii. Type 3 - High Sound Absorptive/Reflective Ceiling Tile – may be specified where greater levels of sound control are required than can be achieve with Type 1 Acoustical Ceiling Tile.

iv. Type 4 Stain Resistant Gypsum Core, Vinyl Ceiling Tile – shall be utilized in food preparatory spaces.

v. Type 5 Stain Resistant Vinyl Perforated Ceiling Tile – shall be provided in Science and Art rooms.

(c) Floors

i. Vinyl Composition Tile – shall be used in all high traffic areas. Classrooms shall have a path of VCT leading from the door to the sink/countertop and Toilet Room. Science Lab and Art Room shall have VCT installed throughout to facilitate easy clean-up. CCTV Studio will be tiled in a neutral gray color to facilitate videography.

ii. Carpet Tile – Classrooms and Administrative spaces will have carpet tile installed.

iii. Ceramic Tile – Restrooms, Locker Rooms, and Showers shall receive ceramic tile on the floors.

iv. Epoxy Floor Coating Systems – The Kitchen and other utility spaces requiring a high degree of sanitation will have epoxy floor coating systems installed. The epoxy coating shall extend a minimum of 4” up the wall to serve as a sanitary base.

(10) Lighting: Light levels shall be provided which will be conducive to and appropriate for the functions applicable to the respective spaces, and the creation of safe learning and working environments.

(a) Energy efficient artificial lighting will be provided in all spaces. Occupancy sensors will be provided to automatically control lighting in spaces that are frequently occupied. Light sensors and automatic dimming features in will be provided in large volume spaces with sufficient fenestration to allow natural augmentation of the artificial lighting.

(b) Natural lighting - Design priority will be given to allow each Classroom a source of natural lighting. Shading mechanisms shall be provided. Window sill heights will allow typical furniture elements to be placed along window walls.

(11) Technology – Audio, video, and data delivery systems shall be provided to augment and enhance student achievement.

(a) Voice:

i. All spaces housing instructional, administrative and support staff will be provided with a telephone system.

ii. To facilitate communication between the Classroom and the Administrative Office, an Intercom System will be provided in any space housing students.

iii. The Teaching Station in each Classroom will be provided with audio enhancement to facilitate teacher communication with the students and provide amplification of the CCTV system.
(b) Data - An integrated data system will be provided to support both instructional and administrative functions. Future data needs will be anticipated and incorporated into the Plan.
   i. Each staff instructor will have a computer work station provided at their normally assigned work space.
   ii. Four Student computers will be provided in every Classroom.
   iii. An Intermediate Skills Lab will be equipped to serve as a Computer Lab with 24 student computer stations and one teacher station.
   iv. The Media Center will be equipped with 24 student computer stations.
   v. The Teacher Planning space will be provided with 4 computer stations.
   vi. Three student computers will be provided in the Cafeteria/Multipurpose Room.
   vii. Computer work stations will be provided at each work station in the Administrative Offices, Kitchen Manager’s Office, and Media Center.

(c) Visual Technology:
   i. CCTV projection equipment and a projector screen will be provided in each Classroom, Skills Labs, and Resource rooms over 400 SF. Projection equipment will also be provided in the Media Center and Cafeteria.
   ii. The Cafeteria, Auditorium, and Media Centers will all be provided with projection equipment suitable for the intended use of those spaces.
   iii. Televisions will be provided in General Admin. Reception, Admin. Conference Room, Principles Office, Clinic, Cafeteria/Multi-purpose Room, Teacher Lunch Room, Media Center and smaller Resource Rooms. Televisions will be supported in wall/ceiling mounted brackets and will be sized appropriately for the space in which they are installed.

(d) Security - An integrated security system will be provided to monitor the school facility 24 hours per day.
   i. Security Cameras will be provided, along with all appropriate recording and monitoring equipment at every school site. Number and location of cameras will be determined by the District’s Security Department.
   ii. Security Card Access will be provided at perimeter entrances to the school building to facilitate staff access while maintaining a secure building perimeter. Number and location of Security Card Readers and associated door locking devices will be determined by the District’s Security Department.
   iii. Intrusion Detectors will be provided in any space that could serve as an entry point for unauthorized after hour’s intrusion.

(12) Toilet Rooms: Toilet Rooms will be sized to meet SREF and Florida Building Code requirements.
   iv. Classrooms - Primary Classrooms (PreK-3rd Grades) will be provided with a single unisex Individual Toilet Room or share Male and Female Individual Toilet Rooms between two Primary Classrooms with a connecting corridor accessible from inside the Classrooms. ESE Classrooms will have a single unisex Individual Toilet Room. Intermediate Classrooms (4th and 5th Grades) will have separate Male and Female Individual Toilet Rooms shared between two Classrooms, accessible from the main Corridor outside the Classrooms. Toilet Rooms will not count as part of the square footage assigned to a Classroom.
   v. Student Restrooms – Group and Individual Student restrooms in spaces other than Classrooms will meet code requirements in terms of Size, accessibility and fixture count.
   vi. Staff Restrooms – Staff Individual Unisex Restrooms will be located in strategic locations to support Instructor’s needs.
   vii. Public Restrooms – An Individual Unisex Restroom will be provided off the Main Entry Lobby.

c) Facility Layout Standards: The following layout elements shall be addressed.
(1) Accessibility: All Public Spaces will be accessible to comply with all appropriate ADA legislation.
   (a) Buildings of two or more floors shall be serviced by a hydraulic or traction type elevator sized appropriately for the anticipated occupancy, and for the purpose of providing access to those not able to utilize the stairs.
   (b) Kitchens and Custodial Central Receiving will be provided adequate access, including ramps and curb cuts, for palletized supplies and carts.
   (c) Van accessible HC Parking spaces and associated ramps will be located as close as possible to the main entrance at General Administration Reception, the Media Center and the Dining/Multi-Purpose Room.

(2) Adequate service access to mechanical and electrical rooms: Space will be provided to allow adequate maintenance access to all mechanical, electrical and other systems. This will include factoring access door swings into the aisle way space surrounding the equipment.

(3) Storage – General, Teacher, and Custodial storage and support space will be provided in general compliance with the SREF.

(4) Circulation Space – Corridors and other circulation space will be routed to provide the most efficient use of enclosed space as required by SREF. Minimum Corridor size will be 6'-8" in width.

(5) Walkways – Covered walkways, adequate in width and height will link all permanent structures on the campus requiring student access. Temporary covered walkways will be provided to portable classrooms where required by SREF.