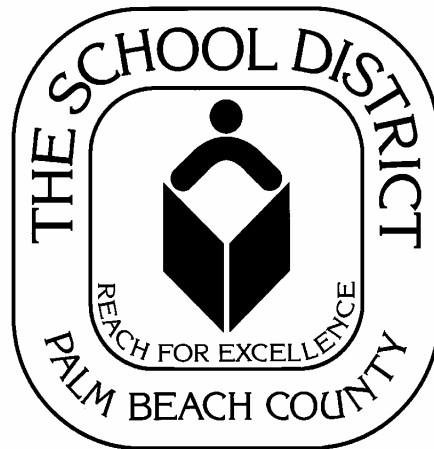


# EDUCATIONAL SPECIFICATION

## PRE-KINDERGARTEN

**Benoist Farms Elementary  
Cholee Lake Elementary  
Dr. Mary McLeod Bethune Elementary  
Gove Elementary  
North Grade Elementary  
South Olive Elementary**

**THE SCHOOL DISTRICT OF  
PALM BEACH COUNTY, FLORIDA**



**Mr. Tom Lynch, Chairman  
Mr. Bill Graham, Vice Chairman  
Monroe Benaim, M.D.  
Mrs. Paulette Burdick  
Mr. Mark Hansen  
Dr. Sandra Richmond  
Debra Robinson, M.D.**

**Art Johnson, PhD  
Superintendent**

**March 2006**

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Note: NSF throughout document refers to Net Square Feet.

**INTRODUCTION**

These Educational Specifications are intended for use as a planning guide by architects and others responsible for developing physical facilities in Palm Beach County. The general concept embodied in the specifications is to provide general and adequate details for proposed spaces while leaving ample flexibility for creativity and options in design by the architects.

Philosophy and goals of the School Board of Palm Beach County are provided as general directions for programs in the school district and are followed by a listing of general considerations. The facility list is intended to be a summary of the spaces to be provided, but is sufficiently flexible to accommodate design requirements and compatibility with adjacent space.

Specifications for the various program areas include a common listing of informational categories within each of the areas. Specific information relative to each particular area is included under various headings as follows:

- I. Program Philosophy
- II. Program Goals
- III. Program Activities
- IV. Organizational Nomenclature
- V. Innovations, Experimental Ideas, Other Planned Uses
- VI. Justification for Variance from SREF Requirements
- VII. Program Facilities List
- VIII. Program Furniture and Equipment
- IX. Special Considerations

The graphic representations of space relationships are intended only to establish adjacencies and not to set design. Spaces shall be arranged for the various program areas in a configuration compatible with traffic control, site needs and the following considerations:

- 1. Facilities shall be as functional as possible; that is, they shall be organized in a manner responsive to educational programming requirements in an orderly, economical way.
- 2. Facilities shall be as responsive as possible to long term maintenance goals. The architect shall endeavor to produce a product with the lowest possible life cycle cost.
- 3. Facilities shall be as vandal-resistant as is possible within realistic budget constraints.
- 4. Facilities shall be as aesthetically pleasing as possible, considering neighborhood, shape, materials, colors, etc.
- 5. Facilities shall be designed to provide adequate student movement (circulation) without unnecessary waste.

Special attention is directed to planning for community utilization of the plant and campus, maximum energy conservation and capital budget restraints.

**PHILOSOPHY AND GOALS**

**I. PROGRAM PHILOSOPHY**

The Board's philosophy is to provide an educational system which is instructionally sound and environmentally stimulating enough to attract and maintain high-quality professional, technical and administrative employees. This system is designed to earn the respect of the Palm Beach County community, the state and the nation.

The Board believes that successful implementation of its philosophy is highly dependent upon a positive, active, working partnership which includes the Board, administrators, teachers, staff, students, parents, community, business and industry. For this reason the support requirements for elementary specifications were developed by a participatory process involving committees of educators, the Department of Elementary Education, and various departments of the School District of Palm Beach County.

**II. PROGRAM GOALS**

**A. Student Goals** - Students shall acquire, to the extent of their individual physical, mental and emotional capacities, a mastery of the basic skills required in the curriculum. Address the Goal 3 Standards, the Florida Sunshine State Standards, benchmarks and grade level expectations, Achievement for All, Key Results and District Goals in the Program Philosophy description.

1. **Communication and Learning Skills** - All students shall be provided an opportunity to do the following:

- a. Develop and apply basic skills in reading, writing, speaking, viewing and listening.
- b. Gain a general education in broader fields of language arts, social studies, science, mathematics, humanities and vocational education.
- c. Develop a desire for learning.
- d. Develop a capacity for self-evaluation and self-direction.
- e. Examine, analyze, evaluate and utilize various kinds of information.

2. **Human Relations** - All students shall be provided an opportunity to do the following:

- a. Develop a pride of accomplishment and a feeling of self-worth.
- b. Learn to respect and get along with people.

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3. **Citizenship Education** - All students shall be provided an opportunity to do the following:
  - a. Develop good character and self-respect.
  - b. Be responsible citizens.
  - c. Participate in democratic experiences and processes.
  
4. **Career Education** - All students shall be provided an opportunity to do the following:
  - a. Develop a positive attitude toward work.
  - b. Develop respect for the dignity of all occupations.
  - c. Acquire information needed for making appropriate job selections.
  - d. Develop the ability to use information as it relates to a particular vocation.
  
5. **Home and Family Relationships** - All students shall be provided an opportunity to do the following:
  - a. Develop an appreciation of the family as a social institution and as a basic unit of society.
  - b. Acquire skills and attitudes for management of family resources.
  - c. Acquire and understand the skills of family living.
  
6. **Mental and Physical Health** - All students shall be provided an opportunity to do the following:
  - a. Develop good health habits and an understanding of the conditions necessary for maintenance of physical and emotional well-being.
  - b. Acquire knowledge of basic psychological and sociological factors affecting human behavior and mental health.
  - c. Develop competence for adjusting to changes.
  - d. Recognize and work to solve environmental health problems.

7. **Aesthetic and Cultural Appreciation** - All students shall be provided an opportunity to do the following:
  - a. Develop an understanding and appreciation of human achievement in natural sciences, social sciences, humanities and the arts.
  - b. Broaden interests and prepare for productive use of leisure time.
  - c. Develop skills and creative abilities for self-expression.

**B. Management Goals**

1. **General Management** - The school district shall refine, implement and utilize management practices which will provide the following:
  - a. Planning and evaluation programs which will ensure accurate and adequate information for decision-making.
  - b. Administrative procedures which ensure that program planning, budgeting and evaluation systems are integrated and cyclical in nature.
  - c. Information services that promote timely acquisition of accurate information regarding district policies, procedures and activities which fulfill the needs of the district and the public.
  - d. Administrative and instructional support for school-based management procedures and techniques.
  - e. System-wide support services for functions, processes and programs.
  - f. Continuing development, refinement, implementation and evaluation of instructional materials, processes and components of the curriculum.
  - g. Flexible organizational structure which clearly defines and delineates authority, responsibility and accountability.
  - h. Fiscal integrity in budgeting and business affairs.
2. **Personnel Management** - The school district will develop and maintain the following:
  - a. Practices and programs to recruit the best qualified personnel for all positions.

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- b. Programs to orient all employees properly to their job responsibilities, operation and organization of their units, and organization of the school system.
- c. Staff development programs to update employees in their chosen fields and to enhance their professional and career growth.
- d. Develop programs to teach administrators at all levels how to achieve excellence in managing people, including performance, planning, evaluation and counseling.
- e. A system to identify high potential employees and their readiness status to qualify for higher career positions within the district.
- f. Practices and programs to attain effective affirmative action.
- g. Practices and systems to establish realistic position descriptions for each level and equitable compensation for those levels.

**EXHIBIT A SCHEDULED FOR MARCH 2006 BOARD MEETIN**

**Facility List by Areas**

**Pre-Kindergarten**

**Student Stations: 36**

Design Codes	Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
				Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>PRE-KINDERGARTEN</b>							
001	2	Pre-Kindergarten Classroom		900	1,800	18	36
808	2	Material Storage		45	90		
348	1	Shared Kitchen		100	100		
811	2	Outside Storage (combine into one)		50	100		
814	2	Student Restrooms - M/F		55	<u>110</u>		
		<b>TOTAL</b>			<b>2,200</b>		<b>36</b>

The existing facilities will be analyzed by the project architect to determine appropriate usage of the buildings, necessary renovations and remodeling to meet SREF size standards, ADA requirements and other code issues.



**GENERAL CONSIDERATIONS**

Use the following documents, as a minimum, in facility design, the latest edition of the Florida Building Code (FBC) with latest revisions, the Florida Fire Prevention Code (FFPC), the SDPBC Educational Specification, District Master Specifications (DMS), District Design Criteria (DDC) and State Requirements for Educational Facilities (SREF).

- A. **Security** - The design shall comply with the DDC – Architectural and Civil.
- B. **Flexibility** - Consider flexibility to allow for future program changes and expansions of the school plant.
- C. **Construction Techniques** - Consider fast and economical construction consistent with long-range maintenance and flexibility requirements of a permanent school plant. Refer to DDC – Architectural.
- D. **Heating, Ventilating and Air-Conditioning (HVAC)** – Design the system(s) in accordance with DDC – Mechanical and the related DMS sections in Division 15.
- E. **Plumbing** - Design the system(s) in accordance with DDC –Plumbing and the related DMS sections in Division 15.
- F. **Building Fire Protection** - Design the system(s) in accordance with DDC – Plumbing and the related DMS sections in Division 15.
- G. **Windows** – Provide windows and window treatments in accordance with DDC – Architectural.
- H. **Floors** – Provide floors in accordance with DDC – Architectural.
- I. **Walls** – Provide walls in accordance with DDC – Architectural.
- J. **Roof** - Provide roofs in accordance with DDC – Architectural.
- K. **Corridors and Student Commons** - Corridor shall comply with Florida Building Code, DDC and DMS.
- L. **Sound Treatment** – Acoustically treated walls and ceilings shall be provided as necessary for the intended use of the space, refer to DDC - Architectural.
- M. **Hot Water** - Hot water shall be provided as indicated per code, refer to DDC – Mechanical and Plumbing and DMS.
- N. **Lighting** - Classroom lighting shall be controlled with alternate switching of light fixtures. Provide lighting in accordance with DDC – Electrical and DMS.

**SCHEDULED FOR MARCH 2006 BOARD MEETIN**

- O.** **Electrical** - Provide Electrical System in accordance with DDC – Electrical and DMS.
- P.** **Student Toilets** - Follow the DDC – Architectural and Plumbing for locating, designing and equipping student toilet facilities.
- Q.** **Entrances** - Entrance shall comply with the requirement of the DDC – Architectural.
- R.** **Lockers** - Lockers shall be located in air-conditioned corridors. Refer to DMS.
- S.** **Clock and Bell System** - GPS master satellite clock system (wireless) shall be utilized throughout the facility and provided by the contractor. Bell system shall have automatic and manual operation.
- T.** **Intercommunications System** - Provide two-way intercom system in accordance with the DDC - Electrical.
- U.** **Instructional Television Systems** – Provide ITV system in accordance with the DDC – Electrical and DMS sections in Division 16.
- V.** **Colors/Finishes** - Harmonizing colors shall be used to enhance the design of the plant. The architect shall submit colors for review and approval by the SDPBC Department of Program Management. The exterior of the buildings shall use a maximum of three (3) different colors and the interior of the buildings shall use a maximum of four (4) different colors with one of the four interior colors serving as the accent color for the instructional space. Exterior materials and coatings shall be graffiti resistant and easily cleaned to the maximum extent practical. The architect shall submit finishing schedules and mill work for review and approval by the SDPBC Department of Program Management.
- W.** **Display Case** - A built-in recessed display case with tackable backboard shall be located in the entrance foyer, music area and art area and library media center. Provide safety glass. The recessed display case shall be 6’W x 4’H and 36” off the floor.
- X.** **Communications (Voice and Data)** – Provide Communication systems in accordance with the DDC – Electrical.
- Y.** **Safety** – Provide safety devices in accordance with DDC, DMS and FBC.
- Z.** **Site Fire Protection** - Refer to DDC, DMS, FBC and FFPC.
- AA.** **Automobile Parking** - Provide parking in accordance with traffic control section, DDC – Architectural and Civil. Visitor parking shall be provided near the entrance to the administrative suite.
- AB.** **Water Outlets** - Provide hose bibbs in accordance with the DDC – Plumbing.

General Considerations

**SCHEDULED FOR MARCH 2006 BOARD MEETIN**

- AC. **Potable Water** - System shall be designed in accordance with the DDC – Civil and Plumbing.
- AD. **Pavement, Site Improvements** – Provide all pavement, markings, signage and other site improvements in accordance with DDC - Civil.
- AE. **Sanitary Sewer** - System shall be designed in accordance with the DDC – Civil.
- AF. **Storm Water Drainage** - System shall be designed in accordance with the DDC – Civil.
- AG. **Irrigation Water** - System shall be designed in accordance with the DDC – Civil and SFWMD.
- AH. **Structural** - System shall be designed in accordance with the DDC – Structural.
- AI. **Bulletin Boards/Tackboard** - In addition to any bulletin boards specified in departmental specifications, the contractor shall provide eight lineal feet of tackboard in the corridor outside each classroom, resource room, music room, art room, media center and administration. Bulletin boards/ tackboards shall not be less than 36" vertical measurement.
- AJ. **Ceiling Heights** - Ceiling height shall be in accordance with DDC – Architectural.
- AK. **Crowd Control** - The design shall reflect good crowd control. Consideration shall be given to large groups that enter and leave the site at times of public and school events.
- AL. **Energy Conservation** - The building and its systems shall be designed in accordance with DDC - Mechanical.
- AM. **Community School** - The general plan and campus design shall be arranged to permit and facilitate use of all appropriate school facilities by community agencies when these spaces are not in use for the regular school program. Community school considerations include ready access from parking lots to all athletic and recreational facilities, meeting rooms, music facilities, media center, cafeteria, and community school coordinator's office. Offices(s) shall be located near the parking lot with adequate lighting and natural surveillance.
- AN. **Exterior Building Materials** - Major exterior building materials shall be fully documented in the design phase of project development for review and approval by the SDPBC Superintendent or his/her designee. Exterior materials and coatings shall be graffiti resistant and easily cleaned to the maximum extent practical. Refer to DDC – Architectural.
- AO. **Instructional Technology** - Provide conduits, wiring, data outlets and receptacles

General Considerations

**SCHEDULED FOR MARCH 2006 BOARD MEETIN**

for computer network requirements. Provide spaces and special air-conditioning for computer- related electronics. Refer to DDC.

- AP. School Site and Play fields** - The school site and play fields shall be designed in accordance with DDC – Architectural and Civil.
- AQ. Working Heights** - Provide built-in equipment and furnishings in accordance with DDC – Architectural.
- AR. Ventilation** – Design Ventilation system in accordance with the DDC – Mechanical.
- AS. Program Furniture and Equipment** - Program furniture and equipment list, in this document, is design guide for determining space requirements and it is not intended as an ordering guide. Use existing furniture and equipment where possible.
- AT. Natural Gas** – Refer to DDC – Plumbing.
- AU. Design Notebooks** - Refer to DDC – Mechanical.
- AV. Communications Room** - Every facility shall have one Communication Equipment Room (CER) and several Communication Closet Rooms (CCR) as necessary to comply with the DDC – Electrical and Mechanical.
- AW.** The Architect/Engineer shall request a clarification from the Senior Project Administrator (SPA) of any conflicts between the Educational Specification, DDC or DMS.
- AX.** For elementary schools, contractor to provide a lighted double sided marquee/school sign, 5’x10’ in size, with adequate electrical service stubbed out for future LED message area upgrades.
- AY.** Refer to the DDC – Electrical and DMS with regards to ceiling projectors raceway system. Contractor to provide ceiling projectors raceway system with all necessary wiring and properly supported projector mounting brackets in all instructional spaces and other designated areas. Obtain the latest detail of installation and specifications from the District’s Network Services Department.
- AZ.** Contractor to provide and install flag pole holders with proper backing in all necessary areas. Contractor to provide and installed AV screens and brackets with proper backing in all necessary areas. Provide proper backing for all mounted equipment where necessary.
- BA.** Each school shall have a lightning detection device system.
- BB.** All built-in counters shall have wire management holes (grommets) to service telephones and computer hook-ups.

General Considerations

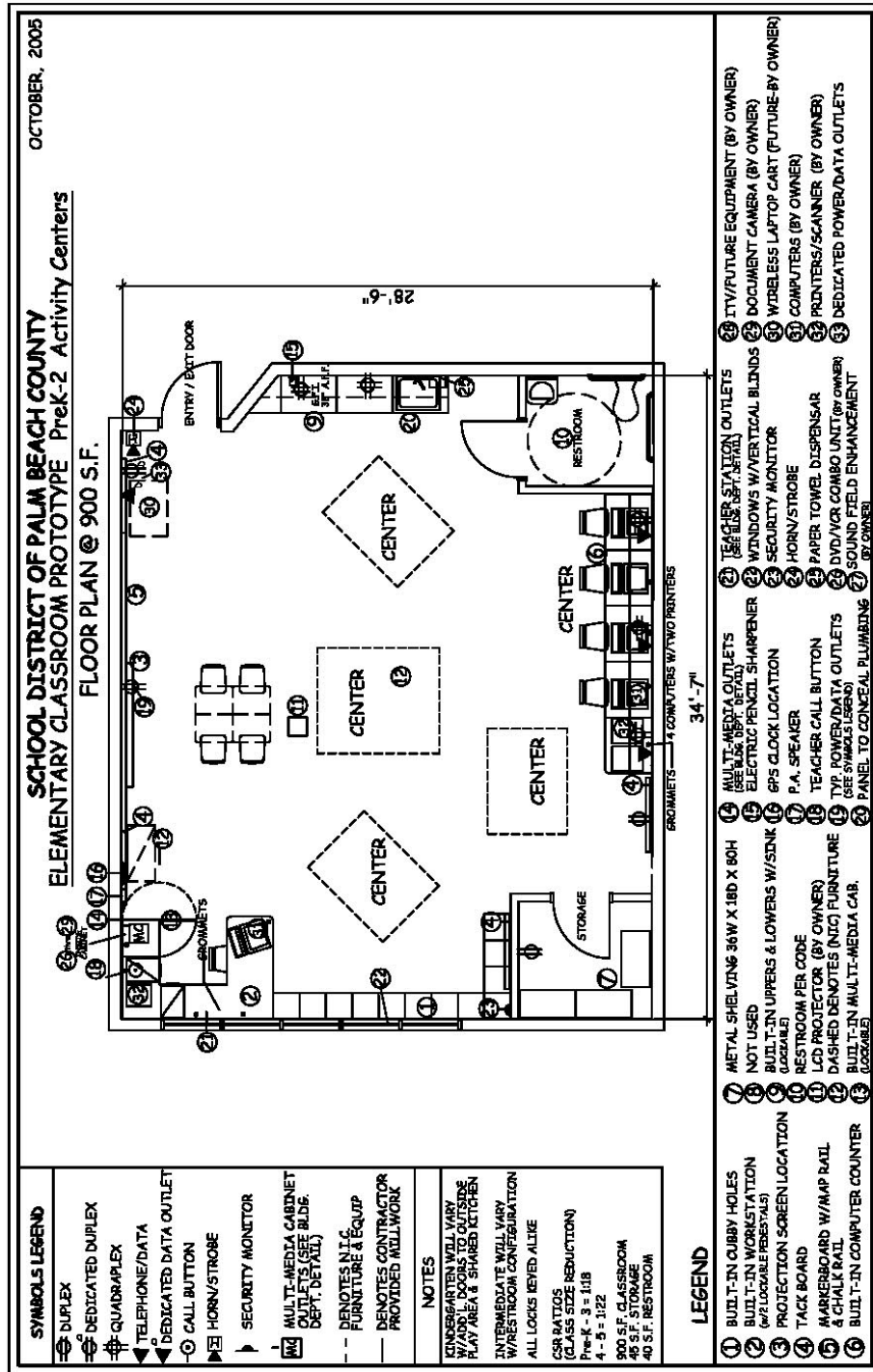
**SCHEDULED FOR MARCH 2006 BOARD MEETIN**

- BC.** When possible, the “head-in” equipment shall be located in the production room in the Library Media Center. The equipment should not be located in the control room of the CCTV studio.
- BD.** Schools under modernization and/or comprehensive addition shall have the interior signage comply with the building and room numbering of the School District’s guidelines. Room names and numbers on signage shall be coordinated with SDPBC Interior Design Coordinators.
- BE.** Contractor to provide a 30’ high flagpole with two complete rope systems. The flagpole shall be located near the main office/administration.
- BF.** Refer to the DDC – electrical and DMS with regards to conduit and junction box for sound field enhancement system and LCD Projector.
- BG.** Classrooms, instructional areas and other designated areas shall be equipped with built-in Multimedia Cabinets, provided by the contractor, to house ITV equipment, DVD/VCR, Sound Field Enhancement, Document Camera and other multimedia equipment. The Multimedia Cabinet shall be 24”w x 24”d x 60”h with a 270° hinged lockable door; open back for access to outlets located on the wall; five (5) adjustable shelves with 3” chase for wire/cord wire management; routed vents at front and one side of unit 4 – 6”x1/2” vents at 1” O.C. and 3” grommet on top of unit in center of cabinet. (Refer to prototype classroom and prototype Multimedia Cabinet drawings)
- BH.** Classrooms, instructional areas and other designated areas shall be equipped with built-in workstation, provided by the contractor. The workstation shall include a U shape work area with three (3) grommets and two (2) lockable pedestals (box/box/file and file/file). (Refer to prototype classroom drawing)
- BI.** All upper cabinets shall have a 12” clear inside depth to store standard binders.
- BJ.** The Beacon Center provides after school programs along with community activities for the surrounding neighborhood. If a school has been identified to operate a Beacon Center, the architect shall provide an administrative office (175 NSF) with data, electric, phone and fax line and a storage room (250 NSF) with data, electric and phone from the overall dining room/multipurpose NSF. Both spaces shall be lockable. The storage room will be used as a storage room and a place to connect and charge the wireless laptop computer cart(s). Both the office and storage room shall be located near the entrance of the school with an entrance that is separate from the main office. The architect shall work with District staff with regards to the placement of the Beacon Center on the plans. The dining room/multipurpose shall be equipped with a wireless computer system.

General Considerations

**SCHEDULED FOR MARCH 2006 BOARD MEETIN**

- BK.** If an Elementary School has been identified to operate a Reading Recovery Training Center, classrooms and/or Resource Rooms will be used for this program. The architect shall work with District staff with regards to the placement of additional furniture, fixture, equipment (FF&E), built-ins, utilities, data, electrical, etc. for the design. The architect shall work with District staff with regards to the placement of the Reading Recovery Training Center on the floor plan.
  
- BL.** Each school shall have an Automated External Defibrillator which will be provided by the owner. The location and signage will be determined by the SDPBC Risk Management Department.



General Considerations





SCHEDULED FOR MARCH 2006 BOARD MEETIN  
**GENERAL SECURITY CONSIDERATIONS**

- A. Meet with SDPBC Department of School Police at first stage, site and building layout development, to discuss project specific security issues.
- B. The area for loading/unloading of students shall be designed for easy supervision with no mixture of pedestrian and vehicles.
- C. Open parking areas shall have good natural surveillance. Provide a fenced staff parking area that can be locked during the day where local conditions warrant.
- D. Site access shall consist of a primary road and secondary access in the event the primary road is blocked.
- E. School sites shall have perimeter security fencing preventing access to walkways and courtyards when facility is not occupied, but allow for public use of exterior athletic facilities. Design exterior doors to prevent unauthorized entry by minimizing key locks and hardware on doors which would not be used for the purpose of essential entry but are installed for emergency egress.
  - 1. Doors which are determined to be essential entry shall be provided with key access and include card access control and hardware as per current SDPBC policy, guidelines and the project specific plan review process.
  - 2. Entire perimeter of site shall be fenced or wall barriered and gated to a minimum height of six (6) feet. Provide the delivery/receiving/service entry gates(s) with electric latching/lock hardware and all associated hardware to allow the control of it from the card access system.
  - 3. Create an interior perimeter barrier so that all open area students and staff commons and their thoroughfares, i.e. courtyards, areas between buildings, portable classrooms, PE fields, etc. are blocked from entering except through an access controlled main public entry. Create a structurally mounted set of metal entry doors in the interior perimeter barrier to become the focal point of all public entry. These doors shall be located in the entry thoroughfare between the visitor parking area and the administration reception area. At the public entry, provide card access, video surveillance; remote intercom and electric controlled lock hardware as per current SDPBC policy, guidelines and the project specific plan review process. All other egress points through this open area interior perimeter barrier shall have the same type of structurally mounted metal entry doors. No fence gates allowed.
- F. Use maze-type of entry system to restrooms where appropriate, i.e., gymnasium. Do not use maze-type of entry for exterior locations.
- G. Bicycle parking compound shall be located in an area with good natural surveillance and have an 8' fence. Provide racks to which bicycles can be locked. Should be visible from office staff or classroom windows.

**SCHEDULED FOR MARCH 2006 BOARD MEETIN**

- H. When designing courtyards, consider physical division of space, i.e. benches, planters, to avoid congregation of large groups of students and to allow smooth flow of traffic. Position amenities to create multiple access and passageways. Planters shall not be placed in such a way as to allow its contents to block clear vision of common areas and courtyards. Limit the heights of all trees and shrubbery that are planted between the buildings and all thoroughfares, congregate areas, bicycle and auto parking spaces, courtyards, portables, entry/exit points throughout the interior perimeter barrier, playfields, etc. not to exceed three feet (3'), for a distance of fifty feet (50'). Consideration should be taken when locating landscaping to assure that it will not block lighting.
- I. Locate teacher planning areas throughout the campus to provide supervision for potential problem areas. Acceptable locations are at ends of buildings and center of hallways.
- J. Provide zoned lighting to allow for security during community school activities at night. Consider use of motion detector lights in isolated areas.
- K. Design roofs without obstructions that could conceal persons from view. Roof access shall be properly secured and lockable.
- L. Provide two (2) KNOX Box for emergency key access to the site and building(s), one for school police and one for fire department. Coordinate with local fire department and district personnel.

**SITE DEVELOPMENT**

- A. All site plans and landscape plans shall comply with SDPBC **Technical Requirements Manual for Site Plans.**
- B. Refer to **District Design Criteria (DDC).**

**SCHEDULED FOR MARCH 2006 BOARD MEETIN**  
**TRAFFIC CONTROL**

The following traffic-related activities occur on the school site:

1. Approximately, 10-18 school buses will enter and exit the site at the beginning and end of each school day.
2. Approximately, 130 staff will enter and exit the site daily.
3. Service and visitor vehicles will enter and exit the site daily.
4. Private vehicles and spectators attending extra-curricular activities will enter and exit the site periodically.

Proper signage should be included to delineate each area. Signage and bumpers for parking spaces shall be provided by the contractor.

Specific consideration shall be given to the following:

1. Approximately, (140) parking spaces shall be conveniently located for staff, visitors and service personnel. Ten of these to be convenient to the kitchen. Parking locations shall be located on-site and/or off-site.
2. Visitor parking shall be provided near the administrative suite and will naturally lead to the administrative suite reception entry.
3. A fenced, parking area with lockable gate for bicycles shall be provided.
4. Student pedestrian traffic to play fields shall not cross any vehicular traffic area.
5. Refer to **District Design Criteria (DDC)**.

Traffic Control

**PRE -KINDERGARTEN**

**I. PROGRAM PHILOSOPHY**

Refer to overall. (page 1)

**II. PROGRAM GOALS**

The goal of the Pre-Kindergarten program is to provide a succession of experiences designed specifically for the intellectual, emotional, social and physical development of the pre-kindergarten aged child. Program emphasis is placed on basic learning skills and social development.

**III. PROGRAM ACTIVITIES**

Each Pre-Kindergarten classroom shall provide space for activities and centers of interest which are an integral part of the pre-kindergarten programs as follows:

- A. Areas for total group classroom activities.
- B. A quiet library corner with a variety of books on display and easily available, with a nearby table or seating area where children may sit to look at them.
- C. A building area with blocks of various sizes and shapes, plus accessories available on low, open shelves with ample space for small group and individual block building away from major traffic areas.
- D. A housekeeping area with child-sized, appropriate furniture and accessories, where four to eight children may dramatize adult activities.
- E. An easily maintained painting area with good light where easels, poster paints and large brushes permit children to experiment with color, line and design.
- F. A rhythm area where children may listen to music, use simple instruments, and where there is a space to interpret rhythms.
- G. A science area where children can manipulate and experiment with simple materials and care for pets; plant seeds; water plants; and observe objects, plant and animal life.
- H. Tables where children may participate in art activities or use manipulative games and toys.
- I. A woodworking area providing low work benches and space for storing tools.
- J. An area for showing multi-media.

Pre-Kindergarten

K. An area for food preparation and cooking.

**IV. ORGANIZATIONAL NOMENCLATURE**

Teacher - Student Ratio: 1:18

Grade Levels for Which Program is Intended: Pre-Kindergarten

**V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES**

N/A

**VI. JUSTIFICATION FOR VARIANCE FROM SREF REQUIREMENTS**

A. 100 NSF shall be used for shared kitchen between two classrooms.

**VII. PROGRAM FACILITIES LIST**

Design Codes	Spaces	Description	SREF Sq. Ft. Total	Proposed		Proposed	
				Sq. Ft. Per Unit	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.
<b>PRE-KINDERGARTEN</b>							
001	2	Pre-Kindergarten Classroom		900	1,800	18	36
808	2	Material Storage		45	90		
348	1	Shared Kitchen		100	100		
811	2	Outside Storage (combine into one)		50	100		
814	2	Student Restrooms - M/F		55	110		
		<b>TOTAL</b>			<b>2,200</b>		<b>36</b>

Pre-Kindergarten

## VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Classroom (per classroom)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
4-6		X	Table, trapezoidal or round table
1		X	Table, kidney or horseshoe
2		X	Table, rectangular
20-30		X	Chair, stackable 12"-14"
1		X	Teacher desk/workstation with chair
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Bulletin board, movable
1		X	Serving cart, portable
1		X	Learning stations
1		X	Adjustable easel with tray
1		X	Pencil sharpener, electric
1		X	Set of child-size housekeeping furniture, various pieces
1		X	Mirror, full-length
1		X	Walking beam
1		X	Set of indoor hollow blocks, eight-pieces each set
1		X	Set of tools
1		X	Set of wooden blocks
1		X	Movable cabinet, 4'H x 4'W x 18"D, with several drawers
3		X	Movable cabinet, 3'H x 3'W x 18"D, of various compartments and sizes
1		X	Portable counter top, open shelf unit, with two adjustable shelves
1		X	Area rug, 10'W x 12'L
2		X	Computers
1		X	Printers
1	X		Marker Board, 4' x 8', with map rails and flag holder. Height from floor shall accommodate Pre-Kindergarten children.
2	X		Tack Board, 4' x 4'
1	X		6' x 8' video format screen with black masking borders
1		X	Book rack, with shelves, easily accessible to children, and back of the shelves covered with bulletin board
1	X		Parent Message Board (outside door)
1		X	Bookcase
1	X		Clock
1	X		Stainless steel sink with goose neck faucet (CW) and ADA water jet drinking fountain.
1	X		Art Activity Sink
1	X		Multimedia cabinet (refer to General Consideration)
1	X		Workstation (refer to General Consideration)
1		X	DVD/VCR Combo
1		X	Document Camera
1		X	Wireless Laptop cart
1	X	X	LCD Projector
1	X	X	Sound Field Enhancement
	X		Built-ins (refer to special considerations)

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**B. Outdoor Areas**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Triple arch climbers
1		X	Permanently installed walking beams
1		X	Set of horizontal bars, 3'H
1		X	Large barrel set in concrete
1		X	Slide, 4'H
2		X	Sandbox (2), with hinged cover, approximately, 10' x 10' with seat around edge made of treated wood
1		X	Tricycle
1		X	Wagon
1		X	Truck
1		X	Tractor
1		X	Scooter
1		X	Various Outside Toys
1		X	Convertible water/sand table
1	X		Circular concrete track for Motor Skills
1	X		Outside storage, lockable area for large play equipment
1	X		Sink with goose neck faucet (CW) and ADA water jet drinking fountain.
1		X	Outdoor Tables/Chairs
1	X		Playground Equipment

**C. Shared Kitchen (per kitchen)**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Microwave oven
1	X		Refrigerator, 22 cu. ft. w/freezer & Icemaker
1	X		Stainless steel, double bowl, sink with separate goose neck faucets (CW)
	X		Built-ins (refer to special considerations)

**IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED**

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATIONS AND TRAFFIC CONTROL.**

- A. **Heating/Cooling/Ventilation** - As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District Standards.

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- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** - As required to meet District Standards. Provide large window in the doors between the kitchen and classrooms.
- I. **Plumbing Fixtures/Water** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** - As required to meet District Standards.
- L. **Instructional Technology** - As required to meet District Standards.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** - As required to meet District Standards. Do not locate Pre-kindergarten classrooms and play area in remote isolated areas.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives** - As required to meet District Standards.
- Q. **Parking** - As required to meet District Standards. Drop-off/pick-up and parking for parents shall be located near the Pre-Kindergarten classrooms.
- R. **Built-ins** -
  1. Provide cubbyhole (22), 15"H x 15"W x 15"D (clear inside) and no higher than 40" from floor.
  2. Provide base cabinet with sink and lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
  3. Provide base cabinet with doors and adjustable shelves and upper cabinets with doors and adjustable shelves in shared kitchen.
  4. Provide computer counter to accommodate two (2) computers and one (1) printer. The counter shall have grommets for wire management.
  5. Provide metal adjustable shelving starting at 4' a.f.f. to ceiling inside outdoor storage.
  6. Provide Multimedia cabinet and workstation – refer to General Considerations.

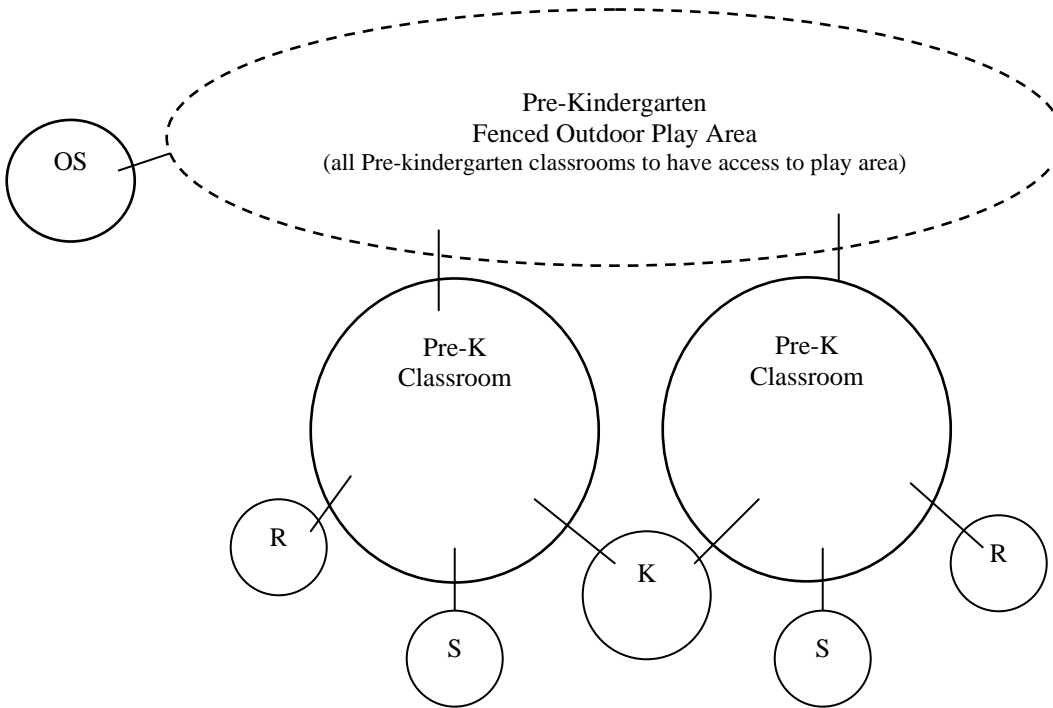
7. Provide metal shelving (3 – 36”w x 18”d x 80”h) in storage.

**S. Other Considerations**

1. Provide an 8’ wide min. overhang from the classroom to the outdoor play area for the use of outdoor activities.
2. Provide playground equipment with poured in place rubberized surface. Schools going under modernization shall have the playground equipment evaluated and replaced as needed. Playground equipment and poured in place must meet FACBC, SDPBC Risk Management, SDPBC Maintenance Plant Operations and SDPBC Building Department standards.

## SPATIAL RELATIONSHIPS

### Pre-Kindergarten



OS = Outside Storage, Pre-Kindergarten  
R = Restroom  
S = Storage  
K = Kitchen

Contractor provided playground equipment shall be located within the fenced play area.

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**Facility Space Summary**

**Pre-Kindergarten**

**Student Stations: 36**

<b>Facility Area</b>	<b>Proposed Student Stations</b>	<b>Net Assign Square Feet (NASF)</b>
Pre-Kindergarten	36	2,200
<b>Totals</b>	<b>36</b>	<b>2,200</b>
Mechanical @ 6%		132
<b>Total Net Sq. Ft.</b>		<b>2,332</b>
Circulation, Walls etc. @ 27%		630
<b>Total Gross Sq. Ft.</b>		<b>2,962</b>

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