

EDUCATIONAL SPECIFICATION

SEMINOLE TRAILS ELEMENTARY

Addition
Grades Pre K – 5
Existing Student Stations: 626
New Student Stations: 452
Total Student Stations: 1,078 (PreK – 5)
FISH Capacity: 1,078
Program Capacity: 960

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



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February 2007

ADDENDUM

November 9, 2006

Library Media Center – In conjunction with the Department of K-12 Instruction – Materials and Library Media Services and Department of Educational Technology, the section of Library Media Center has been rewritten to clarify the technology needs and locations for the group projects area, circulation desk, small group listening, and the reading room.

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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.
6. Facilities shall be designed to facilitate the inclusion of students with disabilities.

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.

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.
8. **Inclusive Education** - All students shall be provided with the following:
 - a. Appropriate educational services in the least restrictive environment which will enable them to have full equality of opportunity.
 - b. Opportunities to interact academically and socially with students with various abilities and disabilities.
 - c. Opportunities to celebrate their differences and unique talents, and.
 - d. Access to facilities designed to accommodate their exceptionalities.

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.
- 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.

Facility List by Areas
Seminole Trails Elementary
Addition
Grades Pre K – 5
Existing Student Stations: 626
New Student Stations: 452
Total Student Stations:1,078 (PreK-5)
FISH Capacity: 1,078
Program Capacity: 920 (K-5)

Design Codes		Description	SREF Sq. Ft. Total	Proposed		Existing	Proposed		Existing
				Sq. Ft. Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
ADMINISTRATIVE									
301	1	Administrative Office		175	175				
314	1	Itinerant		125	125				
304	1	Reception/Secretary		225	225				
308	1	Storage/Vault		150	150				
368	1	Textbook Storage		50	50				
315	1	Teacher Planning (from allotment)							
819/820		Restrooms, staff (from allotment)							
		TOTAL			725				
INTERMEDIATE									
002	16	Intermediate Classroom		900	14,400		22	352	
808	16	Material Storage		45	720				
815/816	16	Student Restrooms, shared (out of allotment)							
		TOTAL			15,120			352	
SKILLS DEVELOPMENT LABORATORY									
010	2	Skills Laboratory		900	1,800				
808	2	Storage		45	90				
814	2	Student Restroom - M/F		45	90				
		TOTAL			1,980				
CUSTODIAL									
330/331		Custodial Closets			474				
334	1	Golf Cart Storage (from dining)			150				
		TOTAL			624				
EXCEPTIONAL STUDENT EDUCATION									
062	6	Self Contained Classroom (Pre-K)		900	5,400		10	60	
348	3	Shared Kitchen		100	300				
808	6	Material Storage		45	270				
811	6	Outside Storage (combined into one space)		50	300				
814	6	Student Restroom - M/F		55	330				
		Subtotal			6,600			60	

Facility List by Areas

Draft Scheduled for February 2007 Board Meeting

EXHIBIT A

Design Codes		Description	SREF Sq. Ft. Total	Proposed		Existing	Proposed		Existing
				Sq. Ft. Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
062	4	Self Contained Classroom		900	3,600		10	40	
808	4	Material Storage		45	180				
811	4	Outside Storage (combined into one space)		50	200				
814	4	Student Restroom - M/F		45	180				
		Subtotal			4,160			40	
066	2	Supplementary Instruction with storage folded into room		200	400				
070	2	Office/Testing/Itinerant		200	400				
		Subtotal			800				
065	1	ESE Resource Room with storage folded into room		520	520				
815/816	1	Student Restroom (out of allotment)							
		Subtotal			520				
817	1	ESE Changing Room/Restroom			150				
308	1	ESE Department Storage			200				
		Subtotal			350				
		TOTAL			12,430			100	
RESOURCE ROOMS (Individual or small group instruction) (1/150 stations per SREF)									
040	2	Resource Room with storage folded into room		599	1,198				
815/816	2	Student Restrooms (out of allotment)							
		TOTAL			1,198			0	
RESTROOMS (adjust square footage for FACBC and parity requirements)									
822/823		Public Restrooms			63				
815/816		Student Restrooms (Grades 4 and above)			474				
819/820		Staff Restrooms			126				
		TOTAL			664				
TEACHER PLANNING									
315	3	General Areas		500	1,500				
		TOTAL			1,500				

Facility List by Areas

**Draft Scheduled for February 2007 Board Meeting
EXHIBIT A**

Design Codes		Description	SREF Sq. Ft. Total	Proposed		Existing	Proposed		Existing
				Sq. Ft. Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
FUTURE									
ADMINISTRATIVE									
307	1	Clinic (Board approved prototype)			525				
		TOTAL			525				
CUSTODIAL									
330/331		Custodial Closets*			100				
		TOTAL			100				
FOOD SERVICE/MULTIPURPOSE									
340	1	Dining/Multipurpose (150 NSF to Custodial Golf Cart Storage)	5,178		2,206	2,972			
341	1	Kitchen (including office and restroom - prototype)	3,600		1,565	2,035			
349	1	Chair Storage	192		192	0			
316	1	Staff Dining/Lounge	700		228	472			
819/820		Staff Restrooms (out of allotment)							
815/816		Student Restrooms (out of allotment)							
		TOTAL	9,670		4,191	5,479			
RESTROOMS									
(adjust square footage for FACBC and parity requirements)									
822/823		Public Restrooms*			100				
815/816		Student Restrooms (Grades 4 and above)*			100				
819/820		Staff Restrooms*			100				
		TOTAL			300				
STAGE									
363	1	Indoor Stage	990		374	616			
364	1	Stage Storage	480		260	220			
317	2	Dressing Room (folded into one space)	480		480	0			
	1	Control Booth (to CCTV Studio-Production)			0				
		TOTAL	1,950		1,114	836			

* Note: Custodial & Restroom numbers are estimates

For modernization of existing schools and other schools with a high concentration of special program needs additional teaching spaces may be provided through the use of Resource Rooms and ESE Rooms to meet program capacity per the approval on January 21, 2003 of the Charter District Waiver.

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

Facility List by Areas

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.

- 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** - Refer to DMS.
- S. Clock and Bell System** - Clock system shall be utilized throughout the facility and provided by the contractor. Bell system shall have automatic and manual operation. Refer to DDC.
- 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** - 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. Location of accent paint colors shall be in reception areas and spaces of student use. Accent color in a principal’s office is optional. Floor Patterns shall be applied in multi-use (cafeteria, media, corridors) and student occupied areas.
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’s Interior Design Coordinator.
- W. Display Case** - A built-in recessed display case with tackable backboard and controlled lights shall be located in the entrance foyer, music area, art area and media center. Provide safety glass. The recessed display case shall be 6’W x 4’H and 36” off for a total height of 7’.
- 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.

- 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, skills lab, cafeteria, 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 for computer network requirements. Provide spaces and special air-conditioning for

computer- related electronics. Refer to DDC.

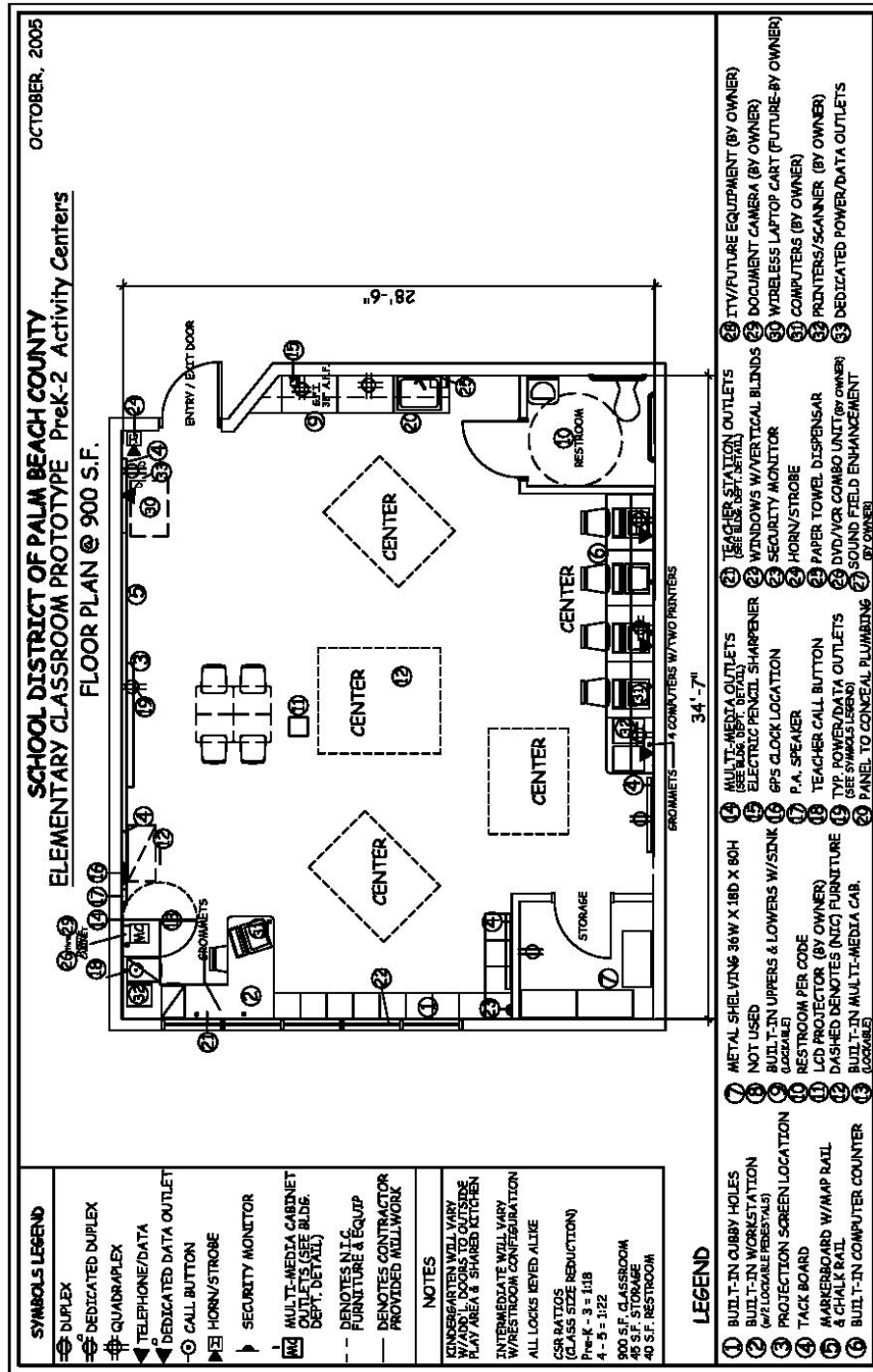
- AP.** **School Site and Play fields** - The school site and play fields shall be designed in accordance with DDC – Architectural and Civil.
- AQ.** **Working Heights** - Provide built-in equipment and furnishings in accordance with DDC – Architectural.
- AR.** **Ventilation** – Design Ventilation system 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.** 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.
- AZ.** Each school shall have a lightning detection device system.
- BA.** All built-in counters shall have wire management holes (grommets) to service telephones and computer hook-ups.
- BB.** 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.
- BC.** 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.

- BD.** 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.
- BF.** 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.
- BG.** For the latest requirements and locations of the Multimedia Cabinet, Teacher Station connectivity, Sound Field Enhancement and LCD Projector contact Department of Educational Technology and refer to DDC and DMS.
- BH.** 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)
- BI.** 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)
- BJ.** All upper cabinets shall have a 12" clear inside depth to store standard binders.
- BK.** 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.

- BL.** 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.

- BM.** 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 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.

- 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)**.

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)**.

ELEMENTARY PROGRAM DESCRIPTION

A comprehensive elementary school program of general education is designed to achieve two major objectives: (1) the development of skills and competencies common to all citizens and (2) the development of competencies unique to the children's individual potentialities.

Major program emphasis is on helping children gain command, to the best of their abilities, of the following processes and skills to enable them to make maximum use of their educational opportunity and to function effectively.

The process of communicating through oral and written language, reading and listening, use of numbers, and the media of fine arts.

1. The processes involved in rational thinking and learning, building concepts, seeing relationships, generalizing, making applications and solving problems.
2. The process of approaching problems and situations with an open mind as well as the ability to examine alternatives and explore creative solutions.
3. An understanding of the family, social responsibilities and the social structure of the communities in which students live.
4. The processes involved in developing an awareness of the many cultures in the immediate community as well as an understanding of, and an appreciation for, the many cultures within the nation and world.

Instructional decisions regarding specific goals, materials and experiences must be made in keeping with the individual differences inherent in each child. Time and resources must be utilized so that these individual differences become assets for individual growth. The daily instructional schedule is arranged to permit flexibility within the school day. In order to meet the general purpose of education, the elementary curriculum and weekly plan might include the following:

Language Arts	35% - 45%
reading skills development, using listening, speaking, writing and reading skills	
Mathematics	15% - 25%
number concepts and skills, using numbers in everyday activities, problem solving	
Social Studies	10% - 20%
citizenship, government, sociology, economics, map and globe skills, field trips, family and community study, geography, history, reading for comprehension	
Science, Health, Safety	10% - 20%
observation, experiments, discussion, and hands on activities to develop science concepts, human sexuality, drug prevention education, and nutrition	

Aesthetic and Creative Experiences 5% - 10%
writing letters, stories and poems, dramatizing, music, art

Physical Education 5% - 10%
motor skills and fitness development, body and spatial awareness, game-like experience.

Finally, the total elementary school, through its planned curriculum, provides all children with a foundation to enable them to function as competent, productive individuals as they mature and build upon their school experiences toward becoming fully functioning adults.

ADMINISTRATIVE/STUDENT SERVICES/GUIDANCE**I. PROGRAM PHILOSOPHY**

Refer to overall. (Page 1)

II. PROGRAM GOALS**A. Administrative Goals**

1. Provide direction and support for efficient management of school's resources.
2. Produce an effective instructional program for all students in the school.

B. Student Service/Guidance Goals

1. Provide individual and group counseling services to students.
2. Facilitate the identification, screening and placement of students with unique abilities, disabilities and needs.
3. Provide consultation and assistance to the school staff regarding student behavior problems, career awareness, crisis management, group guidance, learning disabilities, preventative mental health, etc.
4. Conduct conferences with parents regarding the needs, problems and development of individual students.
5. Establish effective liaison between the school and community, health agencies and social service agencies.

III. PROGRAM ACTIVITIES**A. Administrative Activities**

1. Conferences
2. Development of schedules
3. Handling budgets and finances
4. Clerical and duplicating services
5. Public relations activities
6. Materials storage
7. Health services
8. Data processing

B. Student Service/Guidance Activities

1. **Interviewing:** one-to-one with student, teacher, or parent
2. **Counseling:** one-to-one with student or parent; group of eight or ten students or parents
3. **Testing:** one-to-one in counselor office or with groups
4. **Conferring:** small groups such as student, parent, teacher and principal
5. **Displaying:** information about career guidance, career education, affective education, classroom management, group counseling, etc.

Administrative/Student Services

- 6. **Storing:** educational tests, occupational information, career guidance and career education materials, student records and instructional materials
- 7. **Meeting:** small groups 5 - 10 persons

IV. ORGANIZATIONAL NOMENCLATURE

A. Staff

- 1. Administrators: Principal and Assistant Principal
- 2. Secretarial/Clerical personnel
- 3. Curriculum Assistant
- 4. Guidance Counselor

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

This administrative suite shall be accessible to major instructional areas as well as to the building entrance and visitor parking area.

VI. JUSTIFICATION FOR VARIANCE FROM SREF REQUIREMENTS

- A. 200 NSF from Administrative Conference to Student Service Conference.
- B. School police office/video surveillance monitoring equipment room shall be located in Administration; it shall be ADA compliant, lockable and with no windows. It shall be keyed separately and located so that radio communications do not interfere with computer/data processing.
- C. 50 NSF from Conference Room to increase the Principal's office to 300 NSF.

VII. PROGRAM FACILITIES LIST

Design Codes		Description	SREF Sq. Ft. Total	Proposed		Existing	Proposed		Existing
				Sq. Ft. Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
ADMINISTRATIVE									
301	1	Administrative Office		175	175				
314	1	Itinerant		125	125				
304	1	Reception/Secretary		225	225				
308	1	Storage/Vault		150	150				
368	1	Textbook Storage		50	50				
315	1	Teacher Planning (from allotment)							
819/820		Restrooms, staff (from allotment)							
		TOTAL			725				

FUTURE									
ADMINISTRATIVE									

Administrative/Student Services

Draft
Scheduled for February 2007 Board Meeting

Design Codes		Description	SREF Sq. Ft. Total	Proposed		Existing	Proposed		Existing
				Sq. Ft. Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
307	1	Clinic (Board approved prototype)			525				
		TOTAL			525				

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Administrative Office; Itinerant

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Desk/workstation with chair
2		X	Side arm chair
1		X	File Cabinet, four drawer, legal, lateral & lockable
1		X	Computer & Printer
1		X	Bookcase
1	X		Tack board, 3' x 4'
1	X		Clock
	X		Built-ins (refer to special considerations)

B. Conference Room (per)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Conference table
8		X	Conference chairs
1	X		Marker Board, 4' x 8' with tack strip
1	X		80" w x 60" h video format screen with black masking borders
1	X		Clock
1	X	X	LCD Projector (Principal's conference room)
1	X		Small version of Multimedia Cabinet with teacher station connectivity (Principal's conference room)
1	X	X	Sound Field Enhancement (Principal's conference room)
	X		Built-ins (refer to special considerations)

C. Administrative Storage

No. of Items	Contractor Provided	District Provided (FF&E)	Description
4		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Stamp machine
		X	Two-way radios
1		X	Radio charger
2	X		Storage cabinet with shelves
	X		Built-ins (refer to special considerations)

D. Textbook/Testing Storage

No. of	Contractor	District	Description
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Administrative/Student Services

Items	Provided	Provided (FF&E)	
1		X	Barcode reader and scanner for textbooks
1		X	Computer & printer
2-4		X	Activity Tables
1	X		Built-ins (refer to special consideration)

E. FUTURE - Clinic (Board approved prototype)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
4		X	Cots
3	X		Cubicle curtains on track for cots
4-6		X	Straight chairs
1		X	Desk/workstation
2		X	Task Chair
1		X	Medical Scale
1		X	File cabinet, four-drawer, legal, lateral, lockable
2		X	Rolling supply cart/ Table cart
1		X	Hazardous Waste Disposal & Trash Receptacles
1		X	Sharp's container
1		X	Utility Table
1		X	Lockable Storage Cabinet
1	X		Refrigerator with icemaker, residential, lockable, 21 cu. ft.
1	X		Double lockable metal narcotics cabinet
1	X		Supervision Mirror
1	X		Fold down changing table
1	X		Sink with eye wash at nurse station (HW/CW)
1	X		F.A.C.B.C. Shower with no curb and with fold down seat in shower
2		X	Computer
2		X	Printer
1	X		Clock
1	X		Tack board, 2'x4'
	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. Carpeting is limited to principal's office. Provide continuous sheet vinyl for the floor and baseboard in the clinic.
- D. **Walls** - As required to meet District Standards.

- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards. No windows in the police office/video surveillance room. Provide observation windows between the nurse's station and cot area and between the counsel room and cot area in the clinic. The nurse should be able to see through the window either sitting or standing position.
- H. **Doors** – As required to meet District Standards. Provide larger door in the administrative storage area and entrance to the administrative building. Second exit from principal's office shall be provided. Records room shall be fireproof.
- 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.
- 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. Parking for administrators, secretarial staff and visitors near administrative offices with easy access at all times during the day.
- R. **Built-ins** -
 - 1. **Conference Room** - Provide 8' of base cabinet with sink, lockable doors and adjustable shelving, 34"H, along short wall of room, with upper cabinets with lockable doors and adjustable shelving, 12" clear inside depth.
 - 2. **Administrative Storage** – Provide adjustable shelving, continuous, 18"D on all walls, full height.
 - 3. **Clinic** – Refer to Board Approved Prototype clinic for built-ins.
 - 4. **Textbook Storage** – Provide maximum metal shelving with adjustable shelves on all walls. Provide free standing shelving for center area for adequate passageway.

5. **Reception/Secretary** - Provide reception counter with transaction top and a section to comply with F.A.C.B.C. standards. Provide working counter, 29"-30" h, along reception counter with a minimum of two lockable pedestals and center drawer. The space between working counter and transaction counter shall be 12" clear height to hold notebooks. The reception counter shall be for a minimum of two people. The reception counter shall have grommets for wire management.
6. **Production/Workroom** – Provide counter space, with cabinets with lockable doors, adjustable shelving above and below counter. Counter, 34"H base cabinet, 24"D; upper cabinet, 18"D, located on longest wall in workroom, F.A.C.B.C. compliant.

Provide Drop Safe - for the safety of bookkeepers and money handlers, drop safe shall be installed in non-conspicuous location (production/workroom), non-visible to the general public and students but easy access to principal and bookkeeper. Model shall be approximately 27-5/16"H x 24-7/16"W x 25-1/2"D. Safe shall be provided with a hopper to drop money pouches. Hopper shall be approximately 6-1/4"H x 7-3/4"W x 13-1/2"D. The safe shall be bolted to the floor.

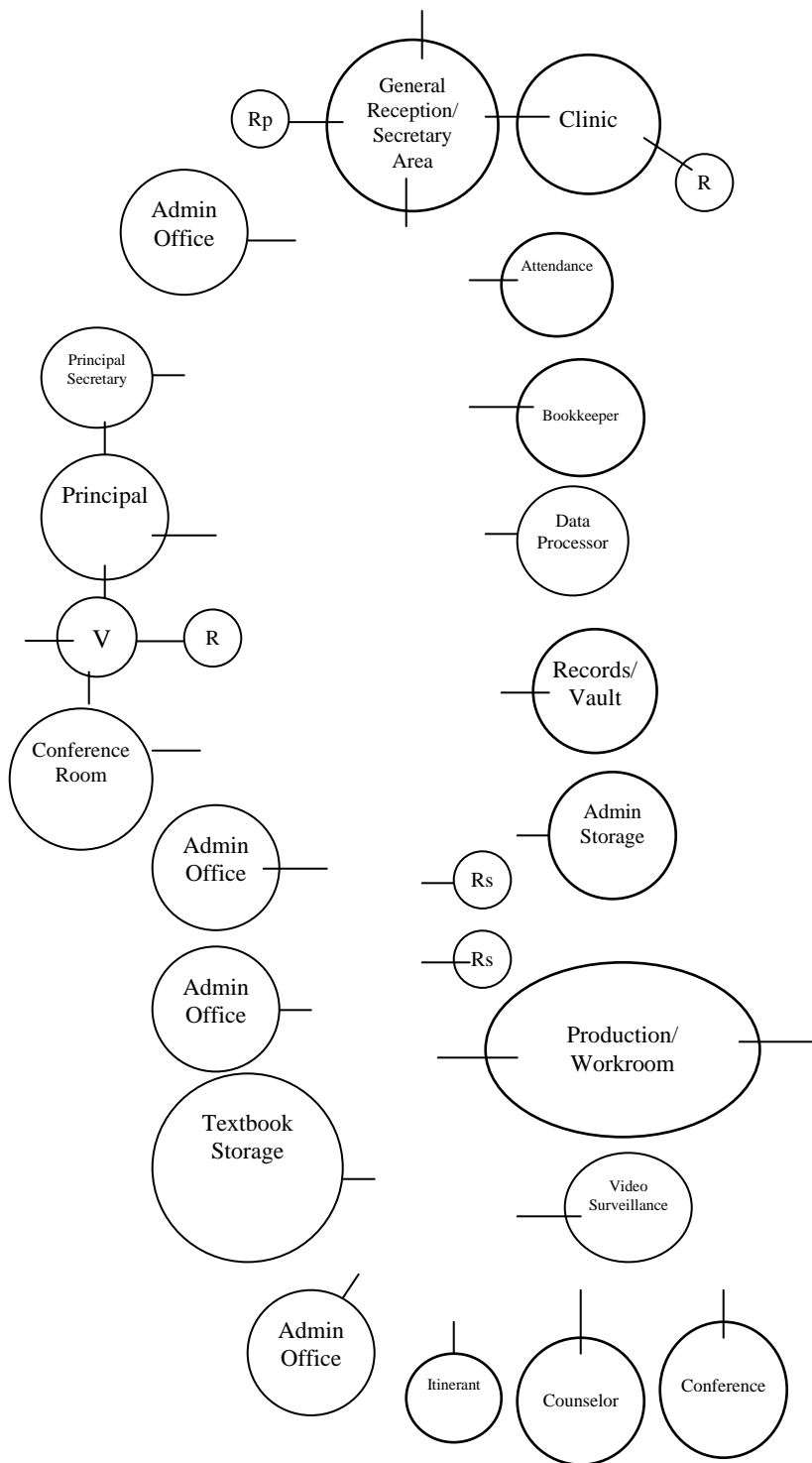
7. **Data Processor/Computer Area** - Open counter workspace, 30"H x 28"D, on one wall with desk in corner. Open shelving with fixed ends above counter and on opposite wall.

S. Other Considerations-

1. School Police/Video Surveillance shall be located so that radio communications do not interfere with computer/data processing.
2. Vault/record room shall be a one-hour rated enclosure.
3. Provide electric, phone and data in the vault/records, textbook storage and administrative storage.

SPATIAL RELATIONSHIPS

Administrative/Student Services

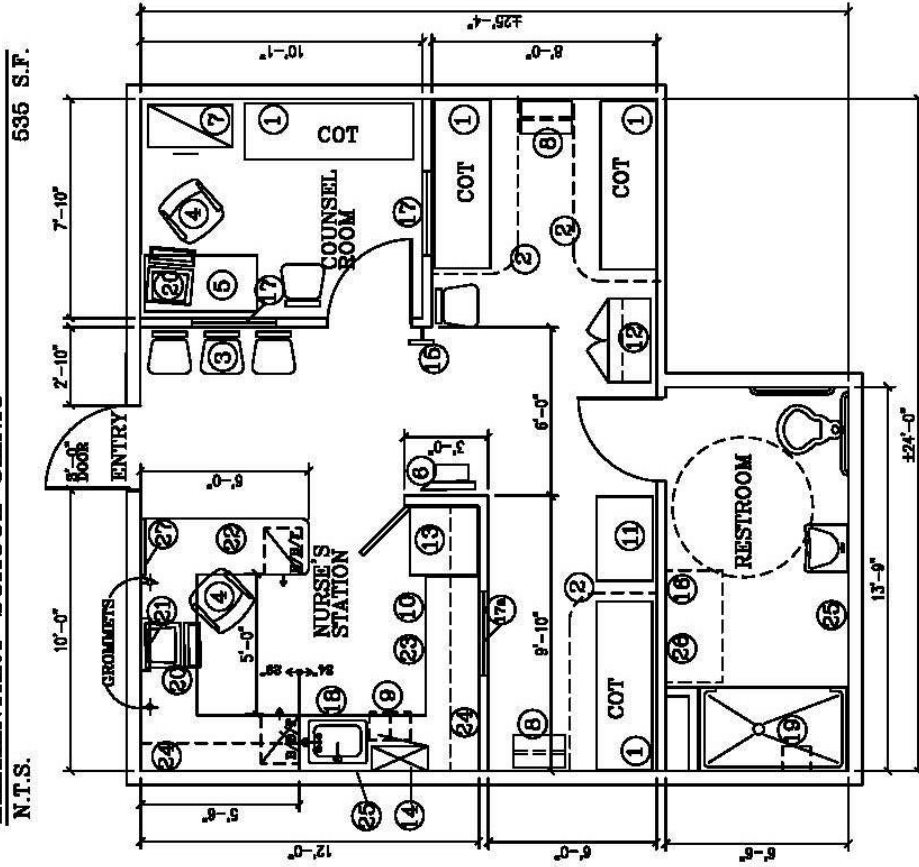


V = Vestibule
Rp = Restroom, Public
Rs = Restroom, Staff

LAST REVISED - 4/23/04

ELEMENTARY SCHOOL CLINIC

N.T.S.



EQUIPMENT LEGEND

- ① 4 COTS (ONE INSIDE COUNSEL AREA)
- ② CURTAIN CURTAIN ON TRACK FOR CURTAIN TO START @ 18" A.F.F. (EXCLUDES COUNSEL AREA)
- ③ STUDENT CHAIRS
- ④ NURSE'S TASK CHAIR
- ⑤ 30" DIA. DISK (IN COUNSEL AREA)
- ⑥ BALANCE BEAM MEDICAL SCALE
- ⑦ 2-HIGH LATERAL FILE / LOCKABLE
- ⑧ ROLLING SUPPLY / TABLE CART (w/OUTLETS DIRECTLY BEHIND ON BACK WALL - MOUNTED @ 36" A.F.F.)
- ⑨ HAZARDOUS WASTE DISPOSAL & TRASH RECEPTACLES (UNDER COUNTER)
- ⑩ SHARP'S CONTAINER (MOUNTED INSIDE INTERIOR DOOR OF CAB)
- ⑪ 24" X 36" UTILITY TABLE (w/OUTLETS DIRECTLY BEHIND ON BACK WALL - MOUNTED @ 36" A.F.F.)
- ⑫ LOCKABLE STORAGE CABINET (w/OUTLETS DIRECTLY BEHIND ON BACK WALL - MOUNTED @ 36" A.F.F.)
- ⑬ FULL HT. LOCKABLE REFRIG. & LOCKABLE FREEZER w/ICEMAKER 21 CU. FT., (VERIFY DIM. OF EQUIP. w/MULTIWORK CONT.)
- ⑭ DEL. LOCKABLE METAL MARCOTICS CABINET DIM'S OF 24"W. X 10"D. X 30"H.
- ⑮ SUPERVISION MIRROR, MOUNTED @ 7' A.F.F.
- ⑯ FOLD DOWN CHANGING TABLE
- ⑰ FIXED OBSERVATION WINDOW ± 32"W. X 48"H. CENTERED ON WALL - w/VERT. BLINDS
- ⑱ FIXED OBSERVATION WINDOW - BETWEEN UPPER & LOWER CABINETS/RECTILINEAR 220" Hx 55-56" IN LENGTH CENTERED ON WALL
- ⑲ COUNTERTOP @ 34" A.F.F. w/22" X 22" SINK (IC/HTF) GOOSENECK FAUCET w/ATTACHED SIDE SWING STYRAW SLANT PANEL, BELOW COUNTER TO CONCEAL PLUMBING
- ⑳ ADA PRE-PAR SHOWER w/NO CURB - FOLD DOWN SEAT IN SHOWER
- ㉑ COMPUTERS & PHONES (OUTLETS @ 18" A.F.F.)
- ㉒ CLOCK & P.A. SYSTEM - ABOVE COMPUTER @ NURSE'S STATION
- ㉓ COUNTERTOP @ 36" A.F.F. TO INCLUDE: GROMMETS, (2) BOX/BOX/FILE PREINSTALS
- ㉔ BASE CABINET STORAGE w/DOORS - 34" A.F.F. w/ADM. SHELVES -
- ㉕ UPPER CABINET w/DOORS & ADM. SHELVES
- ㉖ LOCATION OF SOAP /PAPER TOWEL DISPENSER ADJACENT TO SINK
- ㉗ LOCATION FOR WHEELCHAIR STORAGE
- ㉘ 2' X 4' TACKBOARD @ NURSE'S STATION

GENERAL NOTES

- ALL CABINETS TO BE LOCKABLE
- HOMOGENEOUS SHEET VINYL FLOORING IN CLINIC/COUNSEL RM.
- CERAMIC TILE FLOORING IN RESTROOMS
- DOOR TO CEILING WALL TILE IN RESTROOM
- TILE RESTROOM PARTIALLY EQUIPPED TO MEET A.D.A. REQUIREMENTS PER FL. BLDG. CODE 2001
- PLEASE SEE FF&E MATRIX FOR CONTRACTOR PROVIDED ITEMS

INTERMEDIATE

I. PROGRAM PHILOSOPHY

Refer to overall. (Page 1)

II. PROGRAM GOALS

The goals of the Intermediate level program for students of mostly ages 8 - 11 are to:

- A. Continue oral and written language, mathematical skills and science process development.
- B. Provide learning experiences in science, social studies and other subject areas.
- C. Provide enrichment and growth experiences in the fine arts and physical education.

III. PROGRAM ACTIVITIES

Accommodate individual, small and large group activities in all areas of the curriculum.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio: 1:22

Grade Levels for Which Program is Intended: 4-5

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

N/A

VI. JUSTIFICATION FOR VARIANCE FROM SREF REQUIREMENTS

- A. Shared restrooms have been added to intermediate classrooms for flexibility purposes and enhancement of supervision of students.

VII. PROGRAM FACILITIES LIST

Design Codes		Description	SREF Sq. Ft. Total	Proposed		Existing	Proposed		Existing
				Sq. Ft. Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
INTERMEDIATE									
002	16	Intermediate Classroom		900	14,400		22	352	
808	16	Material Storage		45	720				
815/816	16	Student Restrooms, shared (out of allotment)							
		TOTAL			15,120			352	

Intermediate

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Classroom (per classroom)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
22		X	Student desk
2		X	Table, activity
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Teacher Computer & Printer
2		X	Learning stations for 4 students
20-30		X	Chair, 17"-18", stackable
1		X	Map, globe
4		X	Computers
2		X	Printers
1	X		Stainless steel sink with goose neck faucet (CW) and water jet drinking fountain accessible to disabled.
1	X		Marker Board, 4' x 16', with map rails and flag holder.
4	X		Tack Board, 4' x 4'
1	X		80"w x 60"h video format screen with black masking borders
1		X	Pencil sharpener, electric
1		X	Book rack, with shelves, easily accessible to children, and back of the shelves covered with bulletin board
Varies		X	Moveable cabinets/activity centers of various sizes for books and materials
1		X	Bookcase
1	X		Clock
1	X		Multimedia cabinet (refer to General Considerations)
1	X		Workstation (refer to General Considerations)
1		X	Document camera
1		X	DVD/VCR Combo
1		X	Wireless Laptop cart
1	X	X	LCD Projector
1	X	X	Sound Field Enhancement System
	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.

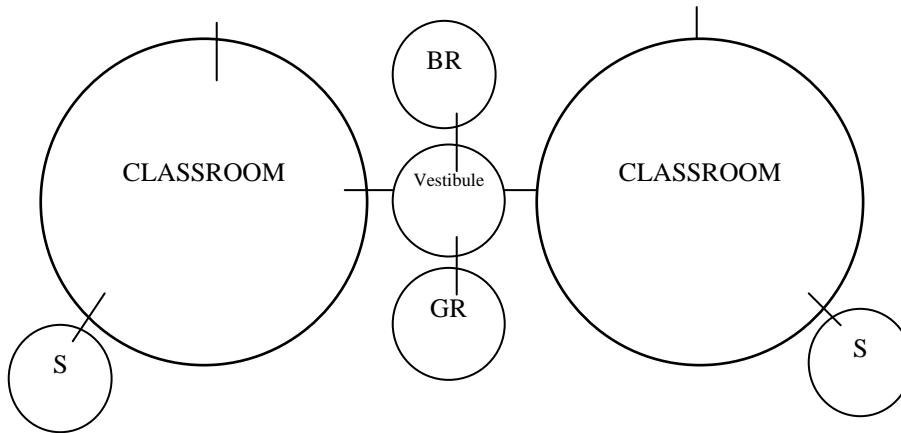
Intermediate

- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** - As required to meet District Standards.
- 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.
- 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.
- R. **Built-ins** -
 - 1. Provide cubbyhole (24), 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 computer counter to accommodate four (4) computers and two (2) printers (14'W x 30"D). The counter shall have grommets for wire management.
 - 4. Provide Multimedia cabinet and workstation -refer to General Considerations.
 - 5. Provide metal shelving (3 – 36"w x 18"d x 80"h) in storage.
- S. **Other Considerations** – N/A

Intermediate

SPATIAL RELATIONSHIPS

Intermediate



BR = Boy's Restroom
GR = Girl's Restroom
S = Storage
Not all classrooms are shown

Intermediate

SKILLS DEVELOPMENT LABORATORY**I. PROGRAM PHILOSOPHY**

Refer to overall. (Page 1)

II. PROGRAM GOALS

Improvement of students' knowledge and skills in specialized subject areas and development of individual skills of research, project development and independent study.

III. PROGRAM ACTIVITIES

Instruction will be provided to large and small groups. Planned demonstrations and presentations will be made to pupils. These include personnel and audio-visual activities. Individualized instruction will also be provided. Students will work on individualized and group projects and in specialized learning centers.

IV. ORGANIZATIONAL NOMENCLATURE

Staff and student participation vary as determined by scheduled use of the facility.

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

The skills development laboratory provides a setting for learning experiences in which students can explore and develop individual skills in science, foreign language and computer science. This laboratory will accommodate in-depth experiences with specialized equipment and learning centers to enrich and build upon regular classroom activities.

VI. JUSTIFICATION FOR VARIANCE FROM SREF REQUIREMENTS

- A. One Skills Development Laboratory shall have assigned student stations per SREF.
- B. One Skills Development Laboratory shall be designed for science and located on the first floor.
- C. Restrooms have been added to Skills Development Laboratory for flexibility purposes and enhancement of supervision of students.

VII. PROGRAM FACILITIES LIST

Design Codes		Description	SREF Sq. Ft. Total	Proposed		Existing	Proposed		Existing
				Sq. Ft.	Sq. Ft.	Sq. Ft.	Stu. Sta.	Stu. Sta.	Stu. Sta.
				Unit	Total	Total	Unit	Total	Total
SKILLS DEVELOPMENT LABORATORY									
010	2	Skills Laboratory		900	1,800				
808	2	Storage		45	90				
814	2	Student Restroom - M/F		45	90				
		TOTAL			1,980				

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Laboratory (Science)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
8-10		X	Science worktable, rectangular
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Teacher Computer & Printer
20-30		X	Chair, 17"-18", stackable
4		X	Computers
4		X	Printers
1		X	Teacher demonstration center, portable, 30"D x 54"W x 34"H, electric and data hook ups; underneath storage with lockable doors
1	X		Marker Board, 4' x 16', with map rails and flag holder.
4	X		Tack Board, 4' x 4'
1	X		80"w x 60"h video format screen with black masking borders
1		X	Pencil sharpener, electric
1	X		Sink for intermediate students, stainless steel with goose neck faucet (CW) and water jet drinking fountain accessible to disabled
1	X		Sink for primary students, stainless steel with goose neck faucet (CW) and water jet drinking fountain accessible to disabled
1	X		Double sink, stainless steel with goose neck faucet (CW) accessible to disabled
1	X		Sanitizer cabinet for safety eyewear
1	X		Eyewash station
1		X	Portable Greenhouse
1		X	Weather Station
16		X	Microscopes
1	X		Glassware drying rack, mounted above sink
1	X		Clock
1		X	Bookcase
1	X		Multimedia cabinet (refer to General Considerations)
1	X		Workstation (refer to General Considerations)
1		X	Document camera
1		X	DVD/VCR Combo
1		X	Wireless Laptop cart
1	X	X	LCD Projector

Skills Development Laboratory

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X	X	Sound Field Enhancement System
	X		Built-ins (refer to special considerations)

B. Laboratory (Computer)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
12-15		X	Computer table, oblong, 30" w x 60" l, with wire management
1		X	File cabinet, four-drawer, legal, lateral, lockable
1		X	Teacher Computer & Printer
20-30		X	Chair, stackable
30		X	Computers
4		X	Printers
1	X		Marker Board, 4' x 16', with map rails and flag holder.
4	X		Tack Board, 4' x 4'
1	X		80" w x 60" h video format screen with black masking borders
1		X	Pencil sharpener, electric
1		X	Bookcase
1	X		Multimedia cabinet (refer to General Considerations)
1	X		Workstation (refer to General Considerations)
1		X	Document camera
1		X	DVD/VCR Combo
1		X	Wireless Laptop cart
1	X	X	LCD Projector
1	X	X	Sound Field Enhancement System
1	X		Clock
	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 1.
- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards.

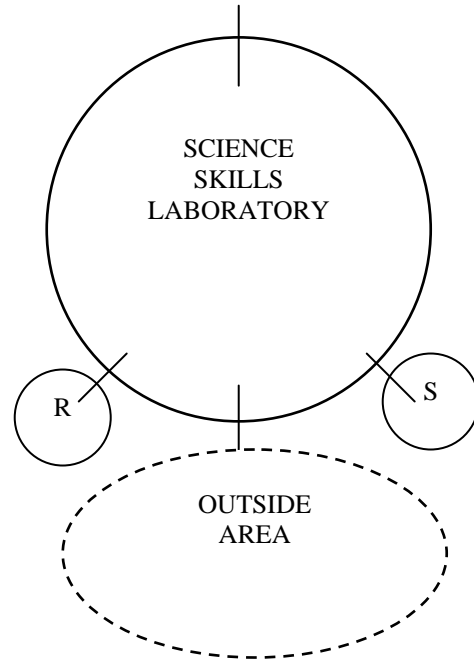
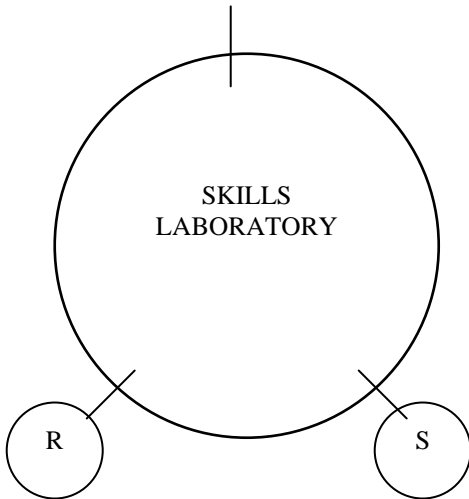
- H. **Doors** - As required to meet District Standards.
- I. **Plumbing Fixtures/Water** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards.
- K. **Electrical** – As required to meet District Standards.
- L. **Instructional Technology** - As required to meet District Standards. Provide computer/data hook ups for student use to allow perimeter and/or peninsular set-up.
- M. **Gas and Air** - As required to meet District Standards.
- N. **Safety** - As required to meet District Standards.
- 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.
- R. **Built-ins** -
 - 1. **Computer Lab**
 - a. Provide base cabinet with sink and lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
 - b. Provide Multimedia cabinet and workstation - refer to General Considerations.
 - c. Provide metal shelving (3 – 36”d x 18”w x 80”h) in storage.
 - 2. **Science Lab**
 - a. Provide base cabinet with sink and lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
 - b. Provide Multimedia cabinet and workstation - refer to General Considerations.
 - c. Provide metal shelving (3 – 36”d x 18”w x 80”h) in storage.
 - d. Provide microscope cabinet to house microscope, lockable. Provide bookcase with locking, hinged, glass doors and adjustable shelves, approximately 84”h x 42”w x 16”d.

- e. Provide computer counter to accommodate four (4) computers and two (2) printers (14'w x30'd). The counter shall have grommets for wire management.
- f. Provide work counter with electric and data outlets (14'w x 30'd). The counter shall have wire management.

S. Other Considerations – N/A

SPATIAL RELATIONSHIPS

Skills Development Laboratory



S = Storage
R = Restroom

Locate 1 Skills Laboratory with the K-2 area
Locate 1 Skills Laboratory with the 3-5 area
Locate Science Skills Laboratory on the 1st Floor

Not all spaces are shown

Skills Development Laboratory

CUSTODIAL

I. PROGRAM PHILOSOPHY

Staff and students can expect a clean and healthful environment in which to teach and learn. A properly organized and trained custodial staff has the ability to insure the sanitation and regular cleaning of any facility, if their cleaning program is supported through the cooperation of the entire staff and student body. Custodians are allocated based on the size of the school (square feet) in sufficient numbers to maintain the cleanliness of the facility. Care must be exercised that cleaning is their primary function. Staff and students help insure the success of a Custodial program through avoiding abuse of the facility. Our investment in school facilities is protected by initial provision and utilization of sufficient, effective equipment and personnel.

II. PROGRAM GOALS

To provide a safe, sanitary, and aesthetically acceptable learning and work environment through proper utilization of human resources, material, equipment and methods.

III. PROGRAM ACTIVITIES

The principal duties of the Custodial staff are as follows:

- A. Prepare and maintain adherence to work schedules to insure regular, daily cleaning of the entire facility.
- B. Maintain personal use facilities (restrooms, water fountains, shower rooms, sinks) in clean and sanitary condition to minimum standards of State Requirements for Educational Facilities (S.R.E.F.) regulations and in accordance with the "Instructional Handbook for Custodians."
- C. Assure that school grounds are kept free of litter and safety hazards.
- D. Report all hazardous conditions, immediately.
- E. Observe all safety and fire regulations.
- F. Maintain security of buildings during non-school hours.
- G. Report any items in facility in need of repair.
- H. Maintain custodial equipment so that it is clean and usable at all times.
- I. Use only authorized materials, methods, and equipment to accomplish program goals.
- J. Maintain inventory of custodial supplies; and reorder, as necessary, for timely replacement.
- K. Use all manual, mechanical, electrical, and automatic equipment, as directed.

IV. ORGANIZATIONAL NOMENCLATURE

Number of custodial staff determined as a function of the budget department.

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

N/A

VI. JUSTIFICATION FOR VARIANCE FROM SREF REQUIREMENTS

A. 150 NSF from dining for golf cart storage area to accommodate two electrical carts.

VII. PROGRAM FACILITIES LIST

Design Codes		Description	SREF Sq. Ft. Total	Proposed		Existing	Proposed		Existing
				Sq. Ft. Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
CUSTODIAL									
330/331		Custodial Closets			474				
334	1	Golf Cart Storage			150				
		TOTAL			624				
FUTURE									
CUSTODIAL									
330/331		Custodial Closets*			100				
		TOTAL			100				

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Service Closet (per closet)

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Service sink (HW/CW).
1		X	Service Cart
	X		Built-ins (refer to special considerations)

B. Golf Cart Storage

No. of Items	Contractor Provided	District Provided (FF&E)	Description
2		X	Golf Carts, electrical
	X		Built-ins (refer to special considerations)

Custodial

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. One-third of central receiving shall be partitioned with wire mesh for security storage.
- E. **Ceiling** - As required to meet District Standards.
- F. **Lighting** - As required to meet District Standards. Provide explosion proof in flammable storage.
- G. **Windows** - Provide vision window from custodian's office to custodial workroom and central receiving. None, for security reasons.
- H. **Doors** - As required to meet District Standards. Provide metal doors, lockable, extra wide or overhead for receiving. Provide metal doors for flammable storage area, with at least 6'W opening. Provide metal door with at least 6' W opening for golf cart storage.
- 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.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives** - Service drive to central receiving storage area with loading area. As required to meet District Standards.
- Q. **Parking** - Storage and charging area for battery-powered carts. As required to meet District Standards.
- R. **Built-ins**

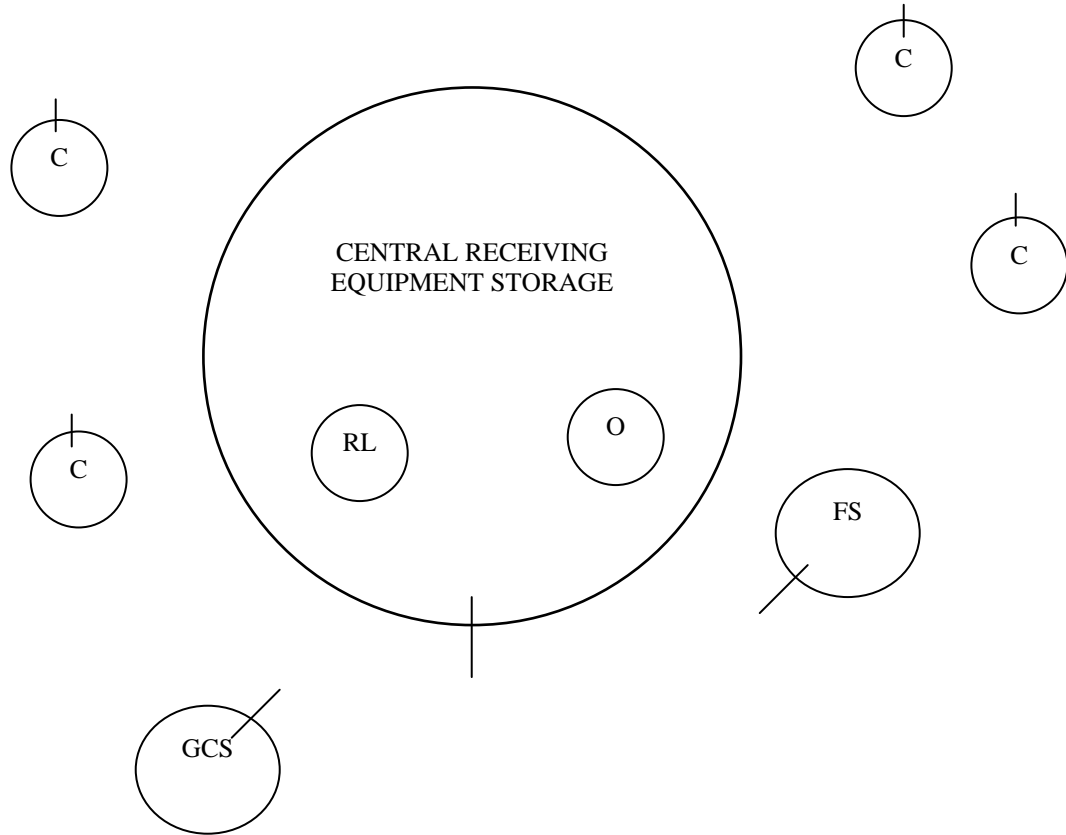
Custodial

1. **Central Receiving:** Provide adjustable, 18"D, steel shelving, floor-to-ceiling on all walls, plus sufficient, free-standing shelving to provide storage. Provide six (6) lockers for custodial staff. Provide wire mesh and adjustable, 18"D, steel shelving, floor-to-ceiling for storage area in central receiving.
2. **Service Closets:** Provide adjustable, 12"D, steel shelving, on one wall, mid-wall to ceiling.
3. **Golf Cart Storage:** Provide adjustable, 12"D, steel shelving, on one wall, mid-wall to ceiling. The number of carts and charging stations must meet District Design Criteria.

Draft
Scheduled for February 2007 Board Meeting

SPATIAL RELATIONSHIPS

Custodial



FS = Flammable Storage
C = Closets, per SREF
O = Office
RL = Restroom/Lockers/Showers
GCS = Golf Cart Storage

EXCEPTIONAL STUDENT EDUCATION**I. PROGRAM PHILOSOPHY**

All exceptional students are entitled to receive appropriate educational services in the least restrictive environment which will enable them to have full equality of opportunity. Instructional program must fully meet the educational needs of students to the extent that they require special education to develop their maximum potential.

II. PROGRAM GOALS

Students with special learning differences will be provided educational programs designed to meet their individual needs. Diagnostic evaluation, prescriptive planning and implementation of individual student programs will be provided. Individual Educational Plans (IEP) are implemented in inclusive settings with appropriate support, as long as the IEP team determines that the student can or continues to achieve educational benefit.

III. PROGRAM ACTIVITIES**A. General Activities**

Individualized and group instruction will be provided in academic and enrichment curriculum areas.

B. Special Activities**1. Specific Learning Disabilities/Hearing/Visually Impaired**

- a. Basic instruction in reading, mathematics and language arts.
- b. Behavior adjustment and small group interaction.
- c. Diagnostic evaluation; individualized programmed instruction; use of teaching machines, audio-visual equipment and study carrels.
- d. Gross-and fine-motor skills / instruction

2. Educable Mentally Handicapped

- a. Basic instruction in reading, language arts, mathematics, daily living skills, practical science, career education and use of leisure time.
- b. Personal and social adjustment skills development.

3. Emotionally Handicapped

- a. Behavior management techniques to effect behavioral changes in students.
- b. Structured program to arrange situations where students frequently experience success.
- c. Affective curriculum emphasizing positive self-concept.
- d. Academic instruction: remedial and / or regular curriculum.
- e. Functional life skills.

4. **Trainable Mentally Handicapped**
 - a. Self-management / home living skills
 - b. General community functioning skills
 - c. Functional pre-academics / academics
 - d. Embedded communication / motor / social skills
 - e. Recreation / leisure skills
 - f. Vocational skills

5. **Physically Handicapped**
 - a. Academic instruction
 - b. Self-care skills
 - c. Socialization skills
 - d. Communication skills

6. **Supplementary Instruction - Speech, Language and Testing**
 - a. Diagnostic testing.
 - b. Audiometric examinations.
 - c. Individual and small group instruction in an acoustically-controlled environment.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio

Self contained Instructional Classrooms: 1:10

Includes Physically Handicapped, Emotionally Handicapped and Trainable Mental Handicapped.

Part-Time Instructional Classrooms: 1:15

Includes Educable Mentally Handicapped, Specific Learning Disability, Hearing/Visually Impaired.

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES -

- A. Other instructional uses can be for English for Speakers of Other Languages.

VI. JUSTIFICATION FOR VARIANCE FROM SREF REQUIREMENTS

- A. ESE and Kindergarten Outside Storage have been combined into one space
- B. Supplementary Instruction spaces are to be used for Speech, Hearing and Vision Testing and for Crisis Intervention Office & Psychological Testing.
- C. ESE Classrooms and related spaces shall be disbursed throughout the campus in compliance with the School District inclusion philosophy and can be used as general classrooms for flexibility purposes.
- D. Material storage and student storage shall be folded into the ESE Resource Room to create a larger instructional space.

- E. ESE restroom/changing room with shower, 3' x 5', wheelchair, roll-in capability, toilet, cot and sink in compliance with F.A.C.B.C. shall be provided. Restroom shall be a separate sterile space with private corridor entrance opening to the hallway. Restroom should be located near an elevator and located in the instructional wing.
- F. Combine material storages to create ESE Department Storage.
- G. Restrooms have been added to ESE Resource Rooms for flexibility purposes and enhancement of supervision of students.
- H. ESE classrooms should be located on the ground floor whenever possible.

VII. PROGRAM FACILITIES LIST

Design Codes		Description	SREF Sq. Ft. Total	Proposed		Existing	Proposed		Existing
				Sq. Ft. Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
EXCEPTIONAL STUDENT EDUCATION									
062	6	Self Contained Classroom (Pre-K)		900	5,400		10	60	
348	3	Shared Kitchen		100	300				
808	6	Material Storage		45	270				
811	6	Outside Storage (combined into one space)		50	300				
814	6	Student Restroom - M/F		55	330				
		Subtotal			6,600			60	
062	4	Self Contained Classroom		900	3,600		10	40	
808	4	Material Storage		45	180				
811	4	Outside Storage (combined into one space)		50	200				
814	4	Student Restroom - M/F		45	180				
		Subtotal			4,160			40	
066	2	Supplementary Instruction with storage folded into room		200	400				
070	2	Office/Testing/Itinerant		200	400				
		Subtotal			800				
065	1	ESE Resource Room with storage folded into room		520	520				
815/816	1	Student Restroom (out of allotment)							
		Subtotal			520				
817	1	ESE Changing Room/Restroom			150				
308	1	ESE Department Storage			200				
		Subtotal			350				
		TOTAL			12,430			100	

VIII. PROGRAM FURNITURE AND EQUIPMENT**A. ESE Instructional Rooms: Self Contained and Part Time**

No. of Items	Contractor Provided	District Provided (FF&E)	Description
10-15		X	Student desk, adjustable
10-15		X	Student chair, adjustable
1		X	Table, Round, 48"
1		X	Table, Kidney-shaped
1		X	Table, adjustable legs, 29"l X 27"w X 25-30"h
6-10		X	Chairs
1		X	Learning Center
1		X	Desk and chair; aide
1		X	Teacher Computer & Printer
1	X		Marker Board, 4' x 16', w/ map rails and flag holder
1		X	File cabinet, four-drawer, vertical or lateral, lockable
4	X		Tack Board, 4' x 4'
1	X		80"w x 60"h video format screen w/ black masking borders
1	X		Stainless steel sink with goose neck faucet (CW) and water jet drinking fountain, ADA compliant.
4		X	Computers
2		X	Printers
1		X	Bookrack, w/shelves, easily accessible to children, and back of shelves covered w/ bulletin board
varies		X	Moveable cabinets/activity centers of various sizes for books and materials
1		X	Bookcase
1		X	Pencil sharpener, electric
1	X		Multimedia cabinet (refer to General Considerations)
1	X		Workstation (refer to General Considerations)
1		X	DVD/VCR Combo
1		X	Document Camera
1		X	Wireless Laptop Cart
1		X	LCD Projector
1	X	X	Sound Field Enhancement System
	X		Built-ins (refer to special considerations)

B. Resource Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
16		X	Student Desks
20		X	Student chair, adjustable
1		X	File cabinet, four-drawer, vertical or lateral, lockable
1		X	Teacher Computer & Printer
1		X	Table, round, adjustable
2-4		X	Study carrel, adjustable, with electric outlets for various equipment
1	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Marker Board, 4' x 8', with map rails and flag holder
1	X		Tack Board, 4' x 4'
2-4		X	Computer Table
2-4		X	Computer
1		X	Printer
1		X	Pencil Sharpener, electric
1	X		Clock
1	X	X	LCD Projector
1	X		80" w x 60" h Video format screen with black masking borders
1		X	DVD/VCR Combo
1		X	Document Camera
	X		Multimedia cabinet with teacher station conductivity
1	X	X	Sound Field Enhancement
	X		Built-ins (refer to special considerations)

C. Supplementary Instruction Room & Office /Testing

No. of Items	Contractor Provided	District Provided (FF&E)	Description
4		X	Student chair, adjustable
1		X	Teacher desk and chair
1		X	File cabinet, four-drawer, vertical or lateral, lockable
1		X	Teacher Computer & Printer
1		X	Table, round, adjustable
1		X	Computer desk with wire management
1-4		X	Study carrel, adjustable, with electric outlets for various equipment
1	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
1	X		Marker Board, 4' x 8', with map rails and flag holder
1	X		Tack Board, 4' x 4'
1	X		80" w x 60" h Video format screen with black masking borders
1		X	Computer
1		X	Printer
1		X	Pencil Sharpener, electric
1	X		Clock
1	X	X	LCD Projector (one room only)
	X		Multimedia cabinet with teacher station connectivity (one room only)
1	X	X	Sound Field Enhancement

D. ESE Restroom/Changing Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Cot
1	X		Fold down changing table
1	X		F.A.C.B.C. Shower: no curb and fold down seat in shower
1	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.
- F. **Lighting** - As required to meet District Standards.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** - As required to meet District Standards.
- I. **Plumbing Fixtures/Water** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards. Provide a telephone jack and a dedicated line for telecommunication hearing and visually impaired.
- 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.
- 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.
- R. **Built-ins** -
 - 1. **Self Contained and Part-Time**
 - a. Provide cubbyholes (22), 15"H x 15"W x 15"D (clear inside) and no higher than 40" from floor, near classroom entrance.

- b. Provide base cabinet with sink and lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
- c. Provide computer counter to accommodate four (4) computers and two (2) printers (14'W x 30'D). The counter shall have grommets for wire management.
- d. Provide metal shelving (3 – 36"w x 18"d x 80"h) in storage.
- e. Provide Multimedia cabinet and workstation. Refer to General Considerations.

2. **Resource Rooms**

- a. Provide base cabinet with sink and lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
- b. Provide Multimedia cabinet and workstation. Refer to General Considerations.

3. **ESE Changing Room**

- a. Provide storage cabinet, 24"w. x 18"d.x 72"h. with lockable doors and adjustable shelves.

4. **ESE Department Storage**

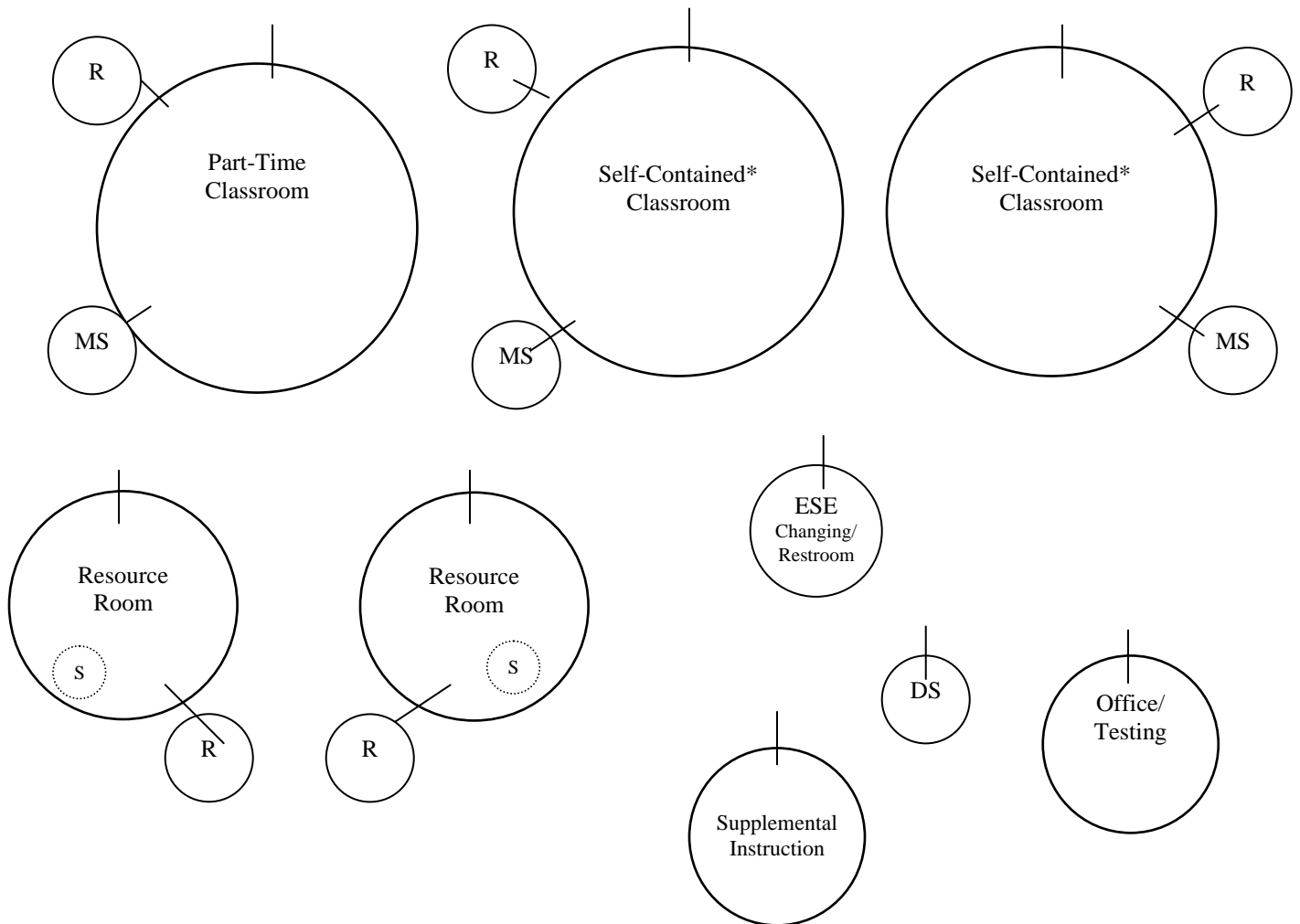
- a. Provide metal shelving on three walls, floor to ceiling.

S. Other Considerations

- 1. The use of observation window(s) in ESE classroom(s) will be reviewed on a school by school basis.
- 2. The architect shall work with District staff with regards of the placement of ESE classrooms on the floor plan.

SPATIAL RELATIONSHIPS

Exceptional Student Education



R = Restroom

DS = ESE Department Storage

S = Student Storage

* = 2 Self-Contained Classrooms should be located adjacent to one another. Other spaces to be distributed throughout school

Not all spaces are shown

Exceptional Student Education

FOOD SERVICES/MULTIPURPOSE**I. PROGRAM PHILOSOPHY**

Refer to overall. (Page 1)

II. PROGRAM GOALS

- A. School Food Services intends to offer nutritious food necessary to maintain good health and welfare for all students.
- B. School Food Services shall provide gainful educational experiences for students.
- C. School Food Services facilities shall also serve school and community functions.

III. PROGRAM ACTIVITIES**A. Dining**

- 1. Student dining
- 2. Faculty dining

B. Kitchen

- 1. Preparation
 - a. Baking
 - b. General preparation
 - c. Production

C. Servery

- 1. Student serving line
- 2. Serving line support equipment

D. Storage and Maintenance

- 1. Receiving
- 2. Food storage
- 3. Non-Food storage
- 4. Can wash
- 5. Laundry
- 6. Food Service Mop Room

E. Warewashing and Refuse Removal

- 1. Dishwasher
- 2. Pulping system
- 3. Pot washing

F. Staff Areas

- 1. Employee restrooms
- 2. Office

IV. ORGANIZATIONAL NOMENCLATURE

Student Capacity Per Feeding Period: 323
Grade Levels for Which Program is Intended: K-5

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

- A. Teacher dining/lounge shall be accessible to kitchen/serving area.
- B. Dining area, will also serve as an auditorium facility, with stage on opposite end from serving area.
- C. Dining area shall be accessible from parking area to facilitate community use.
- D. Consideration shall be given to students entering and exiting the cafeteria to avoid congestion.

VI. JUSTIFICATION FOR VARIANCE FROM SREF REQUIREMENTS

- A. Dining and Multipurpose shall be combined into one space.
- B. Staff dining/lounge shall be 700 NSF making the dining area more adequately sized for staff use.
- C. 150 NSF from dining room to custodial golf cart storage.
- D. The kitchen area shall be 3,600 NSF based upon the prototype kitchen designed by SDPBC School Food Service.

VII. PROGRAM FACILITIES LIST

FUTURE									
Design Codes		Description	SREF	Proposed		Existing	Proposed		Existing
			Sq. Ft. Total	Sq. Ft. Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
FOOD SERVICE/MULTIPURPOSE									
340	1	Dining/Multipurpose (150 NSF to Custodial Golf Cart Storage)	5,178		2,206	2,972			
341	1	Kitchen (including office and restroom - prototype)	3,600		1,565	2,035			
349	1	Chair Storage	192		192	0			
316	1	Staff Dining/Lounge	700		228	472			
819/820		Staff Restrooms (out of a allotment)							
815/816		Student Restrooms (out of allotment)							
TOTAL			9,670		4,191	5,479			

VIII. PROGRAM FURNITURE AND EQUIPMENT

Food Services

A. Student Dining Area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
65		X	Cafeteria table, folding, 29" maximum height
323		X	Cafeteria chair, one per student for largest service period; 18" is suggested as a suitable seat height for all age groups
		X	Vending machine(s)

B. Facility Dining Area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
10		X	Table, round, folding
50		X	Chair, stackable
		X	Vending machine(s)
	X		(10) linear feet of base and wall cabinets, to include (1) sink and (1) adjacent bank of (3) graduated drawers. The counter top is to be 36" above the finished floor.
1	X		18 cubic foot refrigerator
1	X		Microwave
	X		Provide serving equipment consisting of the following components: 3-well hot food unit with sneeze guard; 60" refrigerated cold pan with over shelf and sneeze guard; (2) 36" open top utility counters for desert display.

C. Employee Restroom/Locker Area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Full-length mirror.
10	X		Individual coat sized lockers with locks.
1	X		First aide cabinet

D. Office

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Desk & Chair
1		X	Filing Cabinet
1		X	Computer
1		X	Printer
1		X	Fax Machine
	X		(6) linear feet of counter top with base cabinets and wall cabinets. Wall cabinets to be 14" deep and located over countertop.

Refer to SDPBC School Food Service Department's Generic Educational Specification for layouts, equipment and Special Considerations.

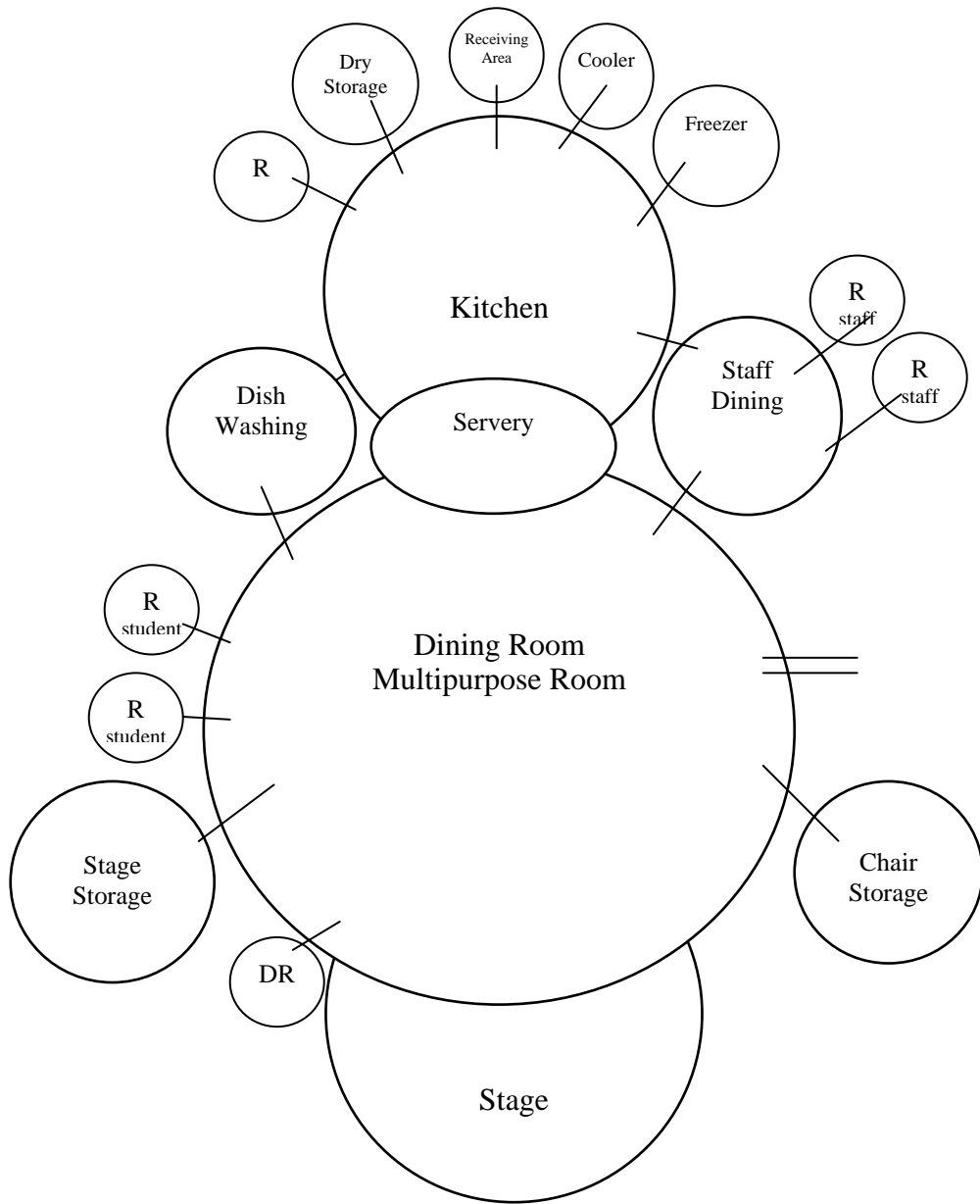
IV. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

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.
- F. Lighting - As required to meet District Standards.
- G. Windows – As required to meet District Standards.
- H. Doors - As required to meet District Standards.
- I. Water - As required to meet District Standards.
- J. Communications - As required to meet District Standards. Intercom with volume control in office, kitchen and dining areas. TV receiver outlets in dining areas and specifically stage left/right walls, and origination outlet opposite stage on a non-service wall. ITV broadcast capability from dining room. Provide microphone outlets: (6) in the cafeteria, (4) on stage.
- 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.
- O. Fencing - As required to meet District Standards.
- P. Service Drives - As required to meet District Standards.
- Q. Parking - Space (10) for food service employees, satellite vans and delivery vehicles. As required to meet District Standards.
- R. Built-ins – Provide tack board, 4' x 8' in dining area, 4' x 4' in kitchen preparation area and 4' x 4' in employee locker area.
- S. Other Considerations
 - 1. Contact Department of Food Service for location of Time Collection Device.

SPATIAL RELATIONSHIPS

Food Services/Multipurpose Room & Stage



R = Restroom
DR = Dressing Room/Office

RESOURCE ROOM

I. PROGRAM PHILOSOPHY

All students are entitled to receive appropriate educational services designed to achieve two major objectives: (1) the development of skills and competencies common to all citizens; (2) the development of skills and competencies unique to the students' individual potentialities.

II. PROGRAM GOALS

Students will be provided educational programs designed to meet their individual needs.

III. PROGRAM ACTIVITIES

Instruction will be provided in academic and enrichment curriculum areas.

IV. ORGANIZATIONAL NOMENCLATURE

Teacher - Student Ratio: 1:15

Grade Levels for Which Program is Intended: K - 5

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES - N/A

VI. JUSTIFICATION FOR VARIANCE FROM SREF REQUIREMENTS - N/A

- A. Material storage shall be folded into the classroom space.
- B. Two Resource Rooms shall be adjacent with easy access to driveway and drop-off.
- C. Restrooms have been added to resource rooms for flexibility purposes and enhancement of supervision of students.
- D. By SREF standards the district is allowed six (6) Resource Rooms at 390 sq. ft. Combine all the square footage to create four (4) 599 s.f. Resource Rooms.

VII. PROGRAM FACILITIES LIST

Design Codes		Description	SREF Sq. Ft. Total	Proposed		Existing	Proposed		Existing
				Sq. Ft. Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Sta. Total	Stu. Sta. Total
RESOURCE ROOMS (Individual or small group instruction) (1/150 stations per SREF)									
040	2	Resource Room with storage folded into room		599	1,198				
815/816	2	Student Restrooms (out of allotment)							
TOTAL					1,198			0	

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Resource Room

No. of Items	Contractor Provided	District Provided (FF&E)	Description
15		X	Student desk & chair, adjustable
2-4		X	Computer table
1		X	Teacher Computer & Printer
1		X	Table, 30"W x 72"L
6		X	Chairs, stackable
1		X	File cabinet, four-drawer, legal, lateral, lockable
4		X	Computer
2		X	Printer
1		X	Bookcase
1	X		Teacher storage cabinet, 36"W x 30"D x 72"H, with adjustable shelving, lockable
2	X		Marker Board, 4' x 8', with map rail and flag holder
4	X		Tack Board, 4' x 4'
1	X		80"w x 60"h video format screen with black masking borders
1	X		Single stainless steel sink with goose neck faucet (CW) and water jet drinking fountain accessible to disabled; no electric eye drinking fountain
1		X	Pencil sharpener, electric
1	X		Clock
1	X		Multimedia cabinet (refer to General Considerations)
1	X		Workstation (refer to General Considerations)
1		X	Document camera
1		X	DVD/VCR Combo
1		X	Wireless Laptop cart
1	X	X	LCD Projector
1	X	X	Sound Field Enhancement System
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

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

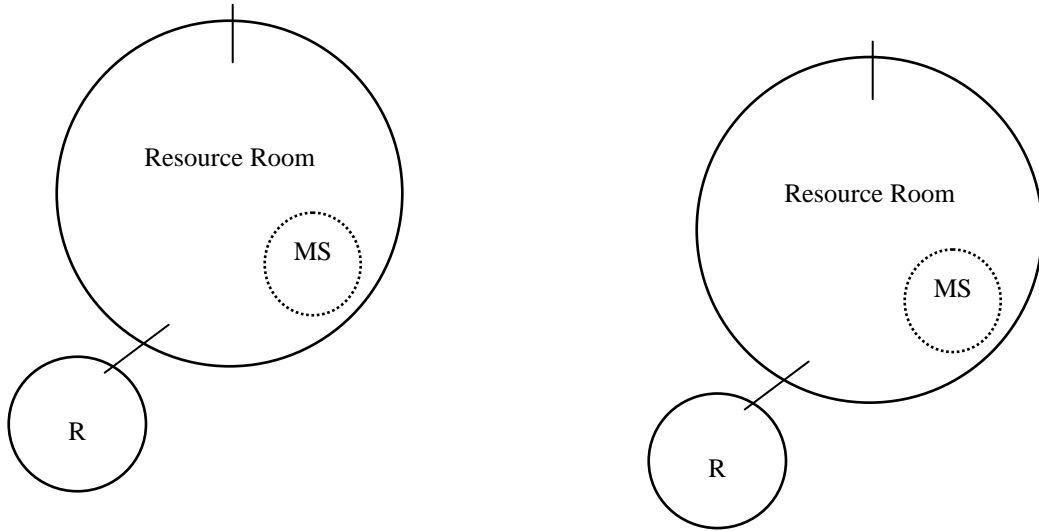
- A. **Heating/Cooling/Ventilation** - As required to meet District Standards.
- B. **Acoustical** - As required to meet District Standards.
- C. **Floor** - As required to meet District Standards.
- D. **Walls** - As required to meet District Standards.
- E. **Ceiling** - As required to meet District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

Resource Room

- G. **Windows** - As required to meet District Standards.
- H. **Doors** - As required to meet District Standards.
- 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.
- 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.
- R. **Built-ins** -
 - 1. Provide base cabinet with sink and lockable doors and adjustable shelves and upper cabinets with lockable doors and adjustable shelves.
 - 3. Provide Multimedia cabinet and workstation - refer to General Considerations.
- S. **Other Considerations** - N/A

SPATIAL RELATIONSHIPS

Resource Room



R – Restroom
MS – Material Storage
Not all spaces are shown

Resource Room

RESTROOMS

Provide public restrooms in administration. Provide restrooms for kitchen staff in kitchen. Provide restrooms for faculty and staff immediately adjacent to staff dining, general teacher planning areas, physical education teacher planning and other areas per code. Provide student restrooms in classrooms, dining rooms, covered play area and other areas per code. Provide restroom in clinic per Board approved prototype. Provide ceramic tile in toilets, floor to ceiling, with floor drains. Refer to **GENERAL CONSIDERATIONS**.

Design Codes	Description	SREF Sq. Ft. Total	Proposed		Existing	Proposed		Existing
			Sq. Ft. Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
RESTROOMS								
(adjust square footage for FACBC and parity requirements)								
822/823	Public Restrooms			63				
815/816	Student Restrooms (Grades 4 and above)			474				
819/820	Staff Restrooms			126				
	TOTAL			664				
FUTURE								
(adjust square footage for FACBC and parity requirements)								
822/823	Public Restrooms*			100				
815/816	Student Restrooms (Grades 4 and above)*			100				
819/820	Staff Restrooms*			100				
	TOTAL			300				

STAGE/SUPPORT

I. PROGRAM PHILOSOPHY

Refer to overall. (Page 1)

II. PROGRAM GOALS

Stage / support spaces are to provide facilities in support of instructional programs, and to encourage out-of-class use by students and staff.

New trends in teaching methods and new awareness of the school, as a community center, make stage / support essential auxiliary teaching and community activities spaces for the elementary school.

With a growing concern to utilize large rooms for multiple purposes, the dining room will be served by stage / support facilities.

The architect is encouraged to explore planning alternatives for stage / support spaces as related to the dining hall for most effective utilization.

III. PROGRAM ACTIVITIES

The stage / support areas will provide the following:

- A. A convenient setting for presentations to large group assemblies for a variety of purposes - instruction, meetings, displays, etc.
- B. A facility for teaching participation in, and appreciation of, the performing arts.

IV. ORGANIZATIONAL NOMENCLATURE

Grade Levels for Which Program is Intended: K-5

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES

The project architect is encouraged to study stage design alternatives which permit use of stage area for overflow dining room seating, for example, portable platforms. In addition, special lighting and sound equipment shall be considered.

VI. JUSTIFICATION FOR VARIANCE FROM SREF REQUIREMENTS

- A. The two dressing rooms shall be combined into one space.
- B. Provide outside stage approximately 800 NSF with access from indoor stage, where possible.
- C. 100 NSF from Control Booth to CCTV Control Room and Studio.

Stage/Support

VII. PROGRAM FACILITIES LIST

FUTURE									
Design Codes		Description	SREF Sq. Ft. Total	Proposed		Existing	Proposed		Existing
				Sq. Ft. Unit	Sq. Ft. Total	Sq. Ft. Total	Stu. Sta. Unit	Stu. Stat. Total.	Stu. Stat. Total.
STAGE									
363	1	Indoor Stage	990		374	616			
364	1	Stage Storage	480		260	220			
317	2	Dressing Room (folded into one space)	480		480	0			
	1	Control Booth (to CCTV Studio-Production)			0				
TOTAL			1,950		1,114	836			

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. Stage

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Microphone jack for stage in floor and overhead
1	X		Stage curtains
1	X		Sound system (shall work with LCD projector and other technology)
1	X	X	LCD Projector
1	X		12'w x 10'h, minimum, video format screen with black masking borders and electronically operated
1	X		Multimedia cabinet (refer to General Consideration)
	X		Built-ins (refer to special considerations)

B. Dressing Room/Office

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1		X	Desk/workstation with chair
2		X	Side arm chair
1		X	File Cabinet, four drawer, legal, lateral & lockable
1		X	Computer & Printer
1		X	Bookcase
1	X		Tack board, 3' x 4'
1	X		Clock
1	X		Under counter refrigerator
	X		Built-ins (refer to special considerations)

C. Stage Storage

Stage/Support

No. of Items	Contractor Provided	District Provided (FF&E)	Description
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

Refer to **GENERAL CONSIDERATIONS, GENERAL SECURITY CONSIDERATION 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. Provide pipe gridirons and curtains, including drops and panels.
- F. **Lighting** - As required to meet District Standards. Incandescent ceiling lights, with individual control, shall be provided. Stage lights shall be equipped with dimmer switches.
- G. **Windows** - As required to meet District Standards.
- H. **Doors** - As required to meet District Standards. Provide access from indoor stage to outside stage.
- I. **Plumbing Fixtures/Water** - As required to meet District Standards.
- J. **Communications** - As required to meet District Standards. Sound panel to house equipment. Provide access to Closed-Circuit TV. ITV broadcast capability from stage and dining room. Provide microphone outlets on stage.
- 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.
- O. **Fencing** - As required to meet District Standards.
- P. **Service Drives** - As required to meet District Standards.

Stage/Support

Q. Parking - As required to meet District Standards.

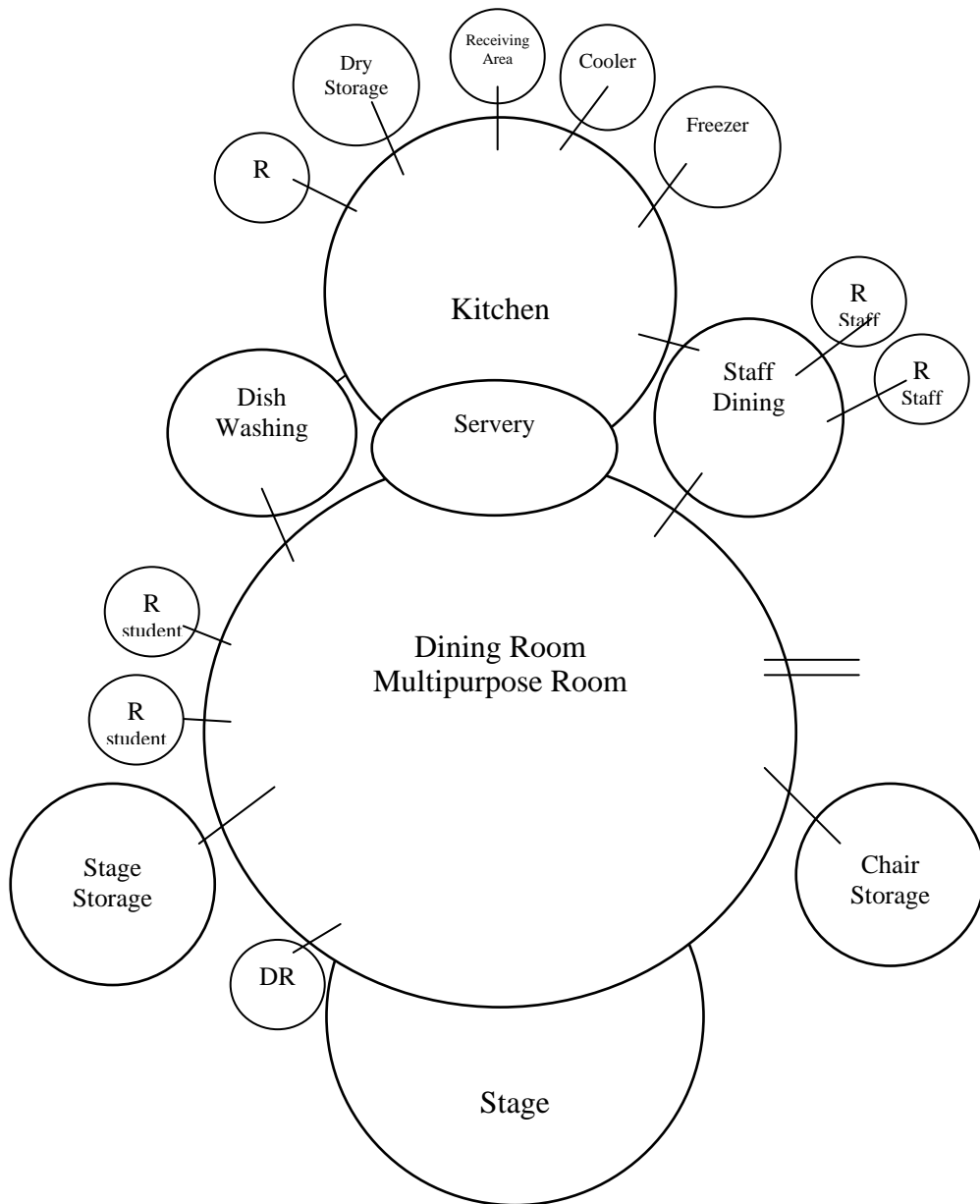
R. Built-ins -

1. **Stage Storage** – Provide metal adjustable shelving, one wall, 12"D, floor to ceiling.
2. **Dressing Room/Office** – Provide base cabinets and upper cabinets, both with doors, lockable and adjustable shelves.
3. Provide Multimedia cabinet – refer to General Considerations.

S. Other Considerations –

1. Electric, data and microphone jack should be located near the front of the stage.

SPATIAL RELATIONSHIPS
Food Services, Multipurpose Room & Stage



R = Restroom
DR = Dressing Room/Office

Stage/Support

TEACHER PLANNING

I. PROGRAM PHILOSOPHY

Refer to overall. (Page 1)

II. PROGRAM GOALS

The goal is to provide teachers and staff with a comfortable and restful environment in which to mentally and physically relax during non-duty periods.

III. PROGRAM ACTIVITIES

The teacher planning areas shall provide spaces for the social and emotional development of teachers and staff. It also provides the opportunity for small group meetings and planning.

IV. ORGANIZATIONAL NOMENCLATURE

During the course of the day staff members will use the facilities. The number of people, at any one time, will vary.

V. INNOVATIONS, EXPERIMENTAL IDEAS, OTHER PLANNED USES - N/A

VI. JUSTIFICATION FOR VARIANCE FROM SREF REQUIREMENTS

A. Teacher Planning area shall be located at the covered play area.

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.
TEACHER PLANNING							
315	3	General Areas		500	1,500		
		TOTAL			1,500		0

VIII. PROGRAM FURNITURE AND EQUIPMENT

A. General Teacher Planning Area

No. of Items	Contractor Provided	District Provided (FF&E)	Description
		X	Vending machine(s)
1-2		X	Copier
4-6		X	Computers
4-6		X	Printers
4-6		X	Teacher Desk
1-2		X	Work table

Teacher Planning

No. of Items	Contractor Provided	District Provided (FF&E)	Description
1	X		Microwave
1	X		Refrigerator
2	X		Tack board, 4' x 4'
1	X		Clock
1	X		Stainless steel, double bowl, sink with separate goose neck faucet
	X		Built-ins (refer to special considerations)

IX. SPECIAL CONSIDERATIONS - CONTRACTOR PROVIDED

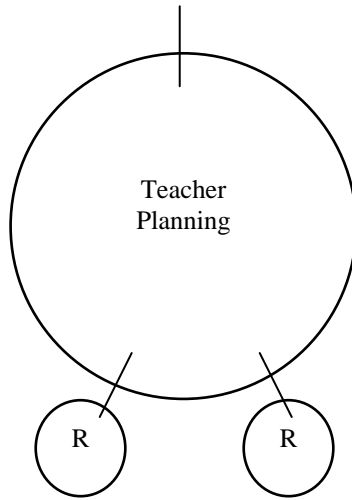
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- B. **Acoustical** - As required to Meet District Standards.
- C. **Floor** - As required to Meet District Standards.
- D. **Walls** - As required to Meet District Standards.
- E. **Ceiling** - As required to Meet District Standards.
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- M. **Gas and Air** - As required to Meet District Standards.
- N. **Safety** - As required to Meet District Standards.
- 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.

R. Built-ins -

1. Provide mirror and shelf over sinks in restrooms.
2. Full-length mirror in restrooms.
3. Provide base cabinet with sink and adjustable shelves and upper cabinets with adjustable shelves along one wall.

SPATIAL RELATIONSHIPS
Teacher Planning



R = Restrooms, Staff

Facility Space Summary
Seminole Trails Elementary
Addition
Grades Pre K – 5
Existing Student Stations: 626
New Student Stations: 452
Total Student Stations: 1,078 (PreK-5)
FISH Capacity: 1,078
Program Capacity: 920 (K-5)

Facility Area	Existing		Proposed		Future	
	Student Stations	Net. Sq. Ft. (NASF)	Student Stations	Net Sq. Ft. (NASF)	Student Stations	Net Sq. Ft. (NASF)
Administrative/Student Services		4,047		725		525
Art		1,186				
Classrooms						
Kindergarten	72	3,723				
Primary	378	19,098				
Intermediate	176	7,955	352	15,120		
Skills Laboratory		0		1,980		
Custodial		673		624		100
Exceptional Student Education		50	100	12,430		
Food Services		5,713				4,191
Media Center		5,488				
Music		1,682				
Physical Education		2,383				
Resource Rooms		2,727		1,198		
Restrooms		1,496		664		300
Stage		1,232				1,114
Storage, Misc.		4,871				
Teacher Planning		136		1,500		
Totals	626	62,460	452	34,241		6,230
Mechanical @ 6%		2,143		2,054		374
Total Net Sq. Ft.		64,603		36,295		6,604
Circulation, Walls etc. @ 27%		24,435		9,800		1,783
Total Gross Sq. Ft.		89,038		46,095		8,387